ALPANI

2024

YOUR RELIABLE PARTNER IN INNOVATIVE LIGHTING SOLUTIONS



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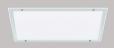
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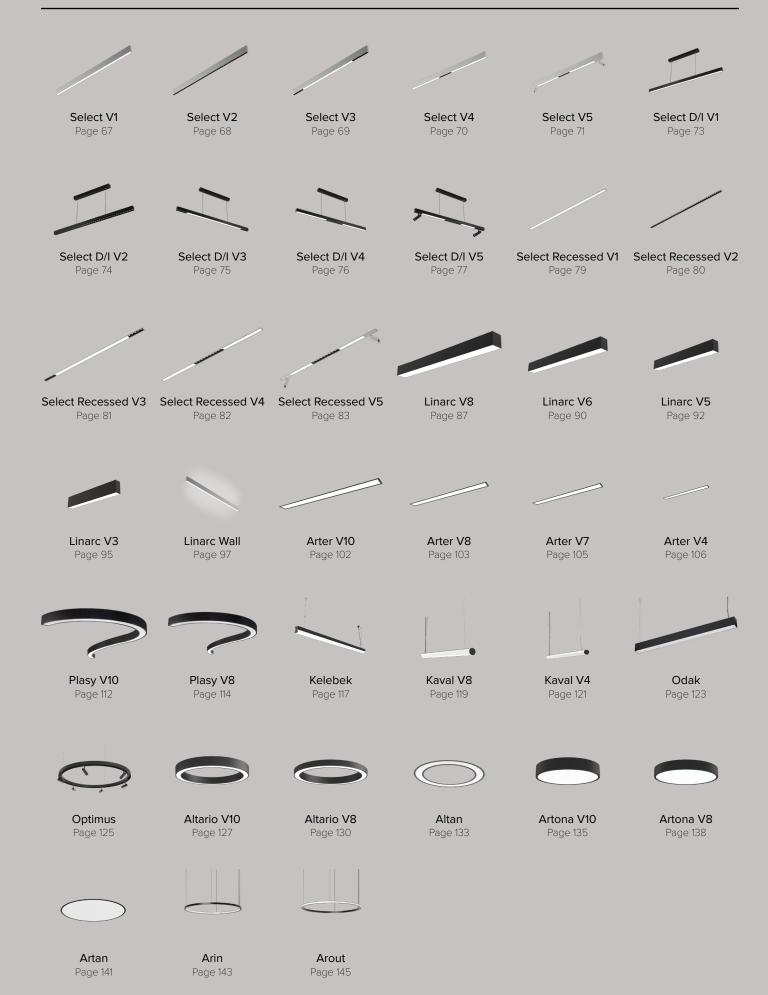


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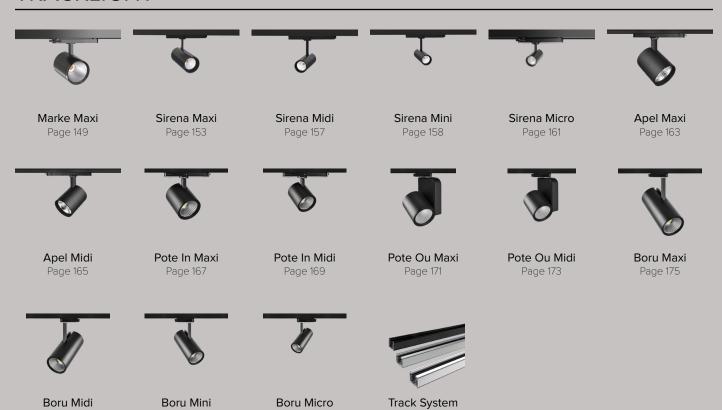


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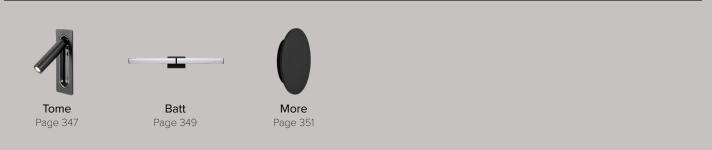
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WALL



48V MAGNETIC



INSTRUCTIONS FOR CREATING CONFIGURATION CODE

Each product supplied by Alpani has its own unique product code and configuration code that defines specific features such as Power, CRI, Kelvin, Beam Angle, Color and Control Type.

Product codes can be found in the product tables or next to product name in the catalogue.

| Code | Power - Lumen | CRI | Kelvin | Beam Angle | Color | Control |
|-------|---------------|-----|--------|------------|-------|----------|
| 10145 | 31W - 4340lm | 80 | 2700 | 20° | WHite | ON-Off |
| | 28W - 3920lm | 90 | 3000 | 30° | BLack | DAli |
| | 24W - 3360lm | | 4000 | 40° | GRey | Wireless |
| | 20W - 2800lm | | 5000 | 60° | RAI | |

Configuration code contains information that complements the specification. When placing an order, the product codes should contain the fully completed configuration part. Part of the configuration code should be placed after the main product code as shown in the example below:

Product Code Configuration Code (Complemented Manually)

10145.28.80.30.40.WH.ON

Code Power CRI Kelvin Beam Color Control

Order Code



Alpani is a global lighting company designs and develops luminaires with key differentiators, innovative features and quality materials. With dedicated R&D resources, our products are made to fulfil design intents and purposes with convenience, ever evolving to meet various up-to-date industry standards and requirements.

Constantly engaging new ideas through close collaboration with lighting design professionals, Alpani strives to develop exciting products that are tailored for new and specific design ideas. Luminaires are designed and developed for specific applications and intentions, moreover meeting lighting industry expectations in terms of creativity, convenience, eco-friendly, human well-being and cost effectiveness.

With exceeding 10 years of extensive knowledge, covering expertise in metal forming, heat management, light and optic quality, control electronics and power supplies, Alpani is confident that our team will continuously deliver impressive luminaires in years to come.

Alpani's strength lies in the combination of product quality with service quality. Alpani offers a wide range of services from design phase to helping to identify and develop technology solutions, customized products or custom-designed, project specific products. From design to purchase and all the way to after-sales service, Alpani also offers continuous technical advice, combined with fast response times and the full availability of a team of highly qualified experts.

MATERIALS

Quality is one of the essential values in the activity of our corporation and is rated a strategic key point in our business development. Perfection and dedication in making the quality our differentiating value is our commitment.

We choose the components of the products from among the best suppliers and control all the details of the manufacturing processes to achieve a top quality product with a perfect finish.



Each Alpani luminaires is submitted to the control of the quality department to ensure that they always satisfy the highest quality standards demanded by customers and that they also surpass the even higher requirements that our company imposes on itself.

Alpani never stops developing innovative products in terms of concepts such as LED life expectancy, thermal management of light sources, faithful colour rendering, or the improvement of the efficiency, among many other factors.

OPTICS

One of the key elements of our luminaires is the optics. For this reason we use only high quality reflectors and lenses.

Optics we use specifically designed to minimise flux losses, taking advantage of the gross flow volume of the LED and getting the luminaire to offer maximum effective output lumens.

A successful lighting installation must consider the glare as well. While selecting optics for our luminaires we take care of the visual comfort of the spaces where it is installed.



Alpani uses reflectors made of pure aluminium, LOR of up to 93%. Narrow, medium and wide beams with luminaire efficacy up to 150 lm/W.

We use lenses made of temperature-resistant plastic. Narrow, medium and wide beams with luminous intensity of up to 60,000 cd.

LED

LED chips in Alpani products has been supplied through the chip manufacturers which are market leading in terms of high standard and innovative material. So, luminaires can deliver the maximum amount of light using as little as the power. This LED efficiency could reach 150 lumen/W. The luminous efficacy could be varied for different correlated color temperature.

The appearance of light color both in terms of chromacity (CCT) and color rendition (CRI) are important in the overall feeling of space. Therefore designers should consider both chromacity and color rendition as key components of a design.



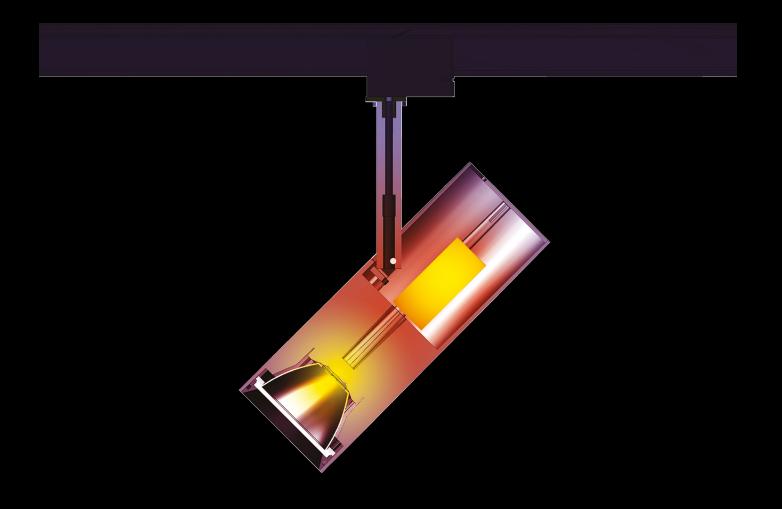
Along with the usual efficiency and long life, color rendering index is a major factor to justify the led light quality as well, which defines color quality of the LED. In simple word CRI is led's ability to make red, green and all other shades look just the way they shoul.

New research expresses that to improve the quality of the lights along with CRI value one more factor needs to be considered; R9 value the current CRI scale does not cover the strong red that are prevalent in skin tones, art work, clothing and fruit.

HEAT DISSIPATION

The thermal behaviour of a luminaire has a significant influence on the performance of the light sources and drivers it contains. Consequently, luminaire design plays a key role in maintaining the required performance of a lighting installation.

Effective heat dissipation will maintain optimum brightness of a discharge lamp or extend the life of an LED light source. In the latter case the heat dissipation within a luminaire is crucial to both the performance and the longevity of the LED chip.



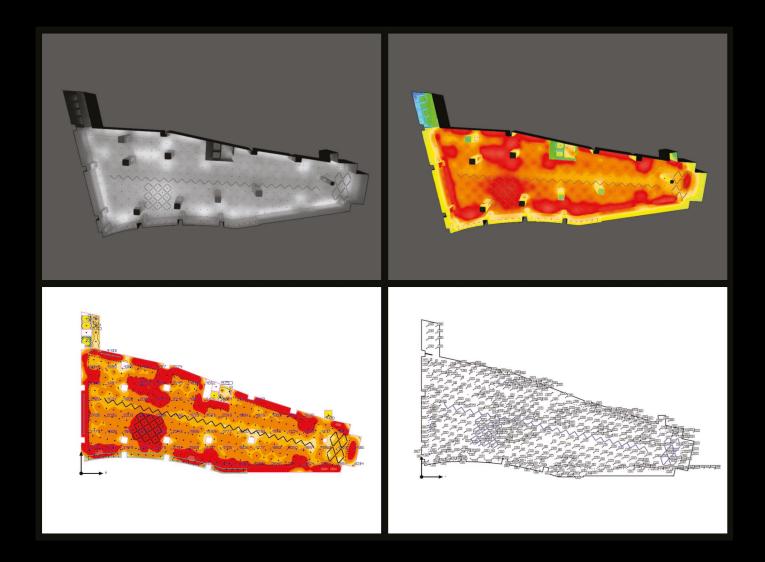
Thermal simulations and laboratory tests on luminaires have enabled Alpani to create passive heat sinks in aluminium, units that ensure perfectly efficient, long-lasting LEDs under the standard operating conditions.

This ability to correctly design a heat sink and effectively manage heat dissipation throughout the luminaire is demonstrated by a remarkably low failure rate, compared to industry norms.

LIGHTING DESIGN

In all projects it is necessary to take into account an infinite number of elements so that the resulting space is fully functional, comfortable, and practical. In this sense, lighting design is a factor that plays an important role and should not be overlooked.

In offices, correct design will increase the productivity of the employees dramatically whereas wrong lightplan may effect the mood negatively. In office lighting design, correct light levels, correct CCT selection and dimming decisions should be considered. Apart from that, glare factor is very critical. Glare is both visually and psychologically disturbing to employees and must be minimized by correct lighting design.



In hotels and restaurants spaces where customers want to feel comfortable, relaxed and enjoying their time, lighting is of course a very important tool that influence the mood and behaviour. Alpani project team consider all these points and integrates correct luminaire selection with correct CCT and and DIM options including Warm DIM.

In shoplights, correct lighting design effects positively the purchasing decisions of the customer. Our lighting design team is professional in lighting design of retail projects as well. We do integrate customer needs, concept of the store and main lighting principles to create best solutions.

ENVIRONMENT

Alpani aims to reduce our affect on natural resources and the environment, whilst trying to recycle waste and utilise recycled materials through a programme of continual improvement, developments to provide our customers with effective service, and efficient lighting solutions.

Alpani operates in a sustainable way by creating lighting solutions best adapted to customer requirements, with the least possible impact on the environment including consumption of natural resources. Alpani contributes to and takes responsibility for the furtherment of sustainability, which it also requires of all suppliers in its chain.



Through our environmental management system we are continually reducing our use of natural resources, whilst optimising recycled materials, avoiding waste generation and increasing recycling. We carry our company values and policies into our supply chain so that our customers can have confidence in the fact that all our lighting solutions are manufactured using only environmentally safe materials and processes.

The best contribution we can make towards an ecologically sustainable society is to manufacture energy efficient light fittings. To run an efficient business we have the same challenges as our customers to reduce our energy usage and operate within a framework that examines the life and environmental impact of the materials we use day to day to manufacture our products.

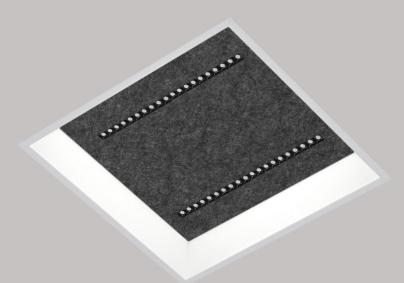


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ACOLIT







Recessed deep panel luminaire complete with UGR<16 LED modules, driver and 100% recycled NRC 0,25 - 0,55 acoustic felt











Housing made of aluminium, body made of steel sheet, louver reflectors made from РС

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

High efficient optic with medium and wide distribution

Colors

Warranty

limited guarantee

installation of the product

As standard; White, Black and Grey Special RAL colours available on request

All components are provided with 5 year

A qualified electrician must ensure proper

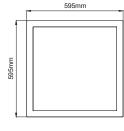
Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Installation

Modular, Gypsum or Clip-In Ceiling

Technical Drawing





| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 27103 | 36W - 3950lm | 80 | 3000 | 48° | White | On-Off |
| | 28W - 3078lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

BLACKER







Recessed panel luminaire complete with UGR<19 LED modules and driver











Materials

Housing made of aluminium, body made of steel sheet, louver reflectors made from PC

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

High efficient optic with medium and wide distribution

Colors

Warranty

limited guarantee

installation of the product

As standard; White, Black and Grey Special RAL colours available on request

All components are provided with 5 year

A qualified electrician must ensure proper

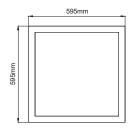
Operating Conditions

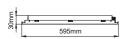
Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Installation

Modular, Gypsum or Clip-In Ceiling

Technical Drawing



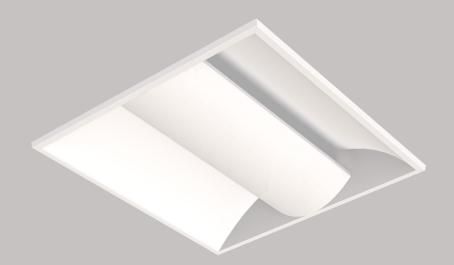


| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 27106 | 36W - 3950lm | 80 | 3000 | 48° | White | On-Off |
| | 28W - 3078lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

INLITE







Recessed indirect panel luminaire complete with LED modules and driver











Materials

Body made of steel sheet

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

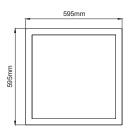
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



| c ł | | |
|----------|-------|--|
| <u> </u> | | |
| 8 | 595mm | |

Warranty

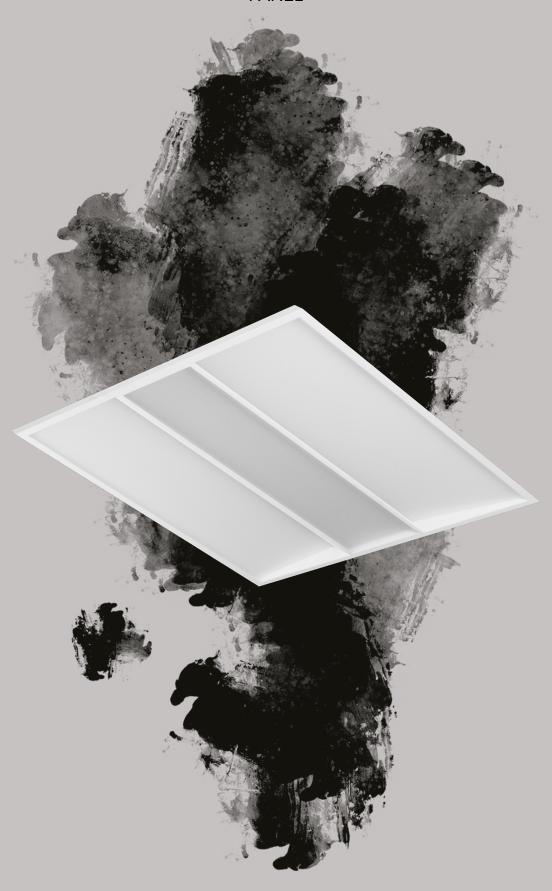
All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Modular, Gypsum or Clip-In Ceiling

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 27109 | 40W - 3204lm | 80 | 3000 | 120° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

CAMAS







Recessed panel luminaire complete with LED modules, driver, UGR<19 opal microprismatic middle diffuser and opal satine side diffusers



Materials

Body made of steel sheet, microprismatic middle diffuser, side diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

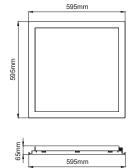
Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Modular, Gypsum or Clip-In Ceiling

Technical Drawing



| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 27116 | 40W - 4512lm | 80 | 3000 | 120° | White | On-Off |
| | 36W - 4060lm | | 4000 | | Black | Dali |
| | 28W - 3158lm | | | | Grey | |
| | | | | | Ral | |

TUMAR







Recessed panel luminaire complete with LED modules, driver, opal middle diffuser and opal satine side diffusers













Materials

Body made of steel sheet, microprismatic middle diffuser, side diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

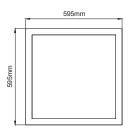
Colors

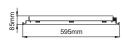
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

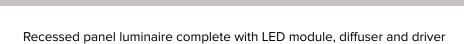
Modular, Gypsum or Clip-In Ceiling

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 27117 | 52W - 5864lm | 80 | 3000 | 120° | White | On-Off |
| | 42W - 4736lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

AIRE



















Materials

Body made of steel sheet, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

Warranty

limited guarantee

installation of the product

As standard; White, Black and Grey Special RAL colours available on request

All components are provided with 5 year

A qualified electrician must ensure proper

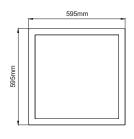
Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Installation

Modular, Gypsum or Clip-In Ceiling

Technical Drawing





| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 27111 | 36W - 3950lm | 80 | 3000 | 120° | White | On-Off |
| | 28W - 3078lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Panel



Recessed panel luminaire complete with LED module, diffuser and driver











Materials

Body made of steel sheet, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

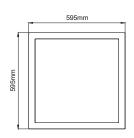
Warranty

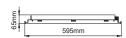
All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Modular, Gypsum or Clip-In Ceiling

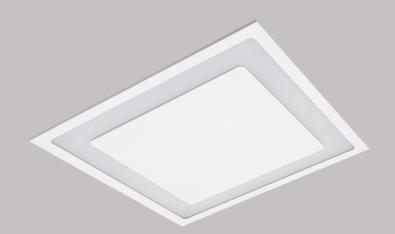
Technical Drawing





| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 27112 | 36W - 3950lm | 80 | 3000 | 120° | White | On-Off |
| | 28W - 3078lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |





Recessed panel luminaire complete with LED module, diffuser and driver











Materials

Body made of steel sheet, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

Warranty

limited guarantee

installation of the product

As standard; White, Black and Grey Special RAL colours available on request

All components are provided with 5 year

A qualified electrician must ensure proper

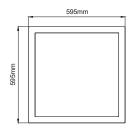
Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Installation

Modular, Gypsum or Clip-In Ceiling

Technical Drawing



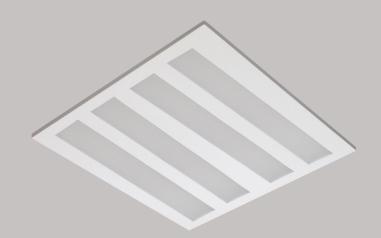


| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 27113 | 36W - 3950lm | 80 | 3000 | 120° | White | On-Off |
| | 28W - 3078lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

PAZZI







Recessed panel luminaire complete with LED module, diffuser and driver











Materials

Body made of steel sheet, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

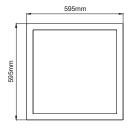
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

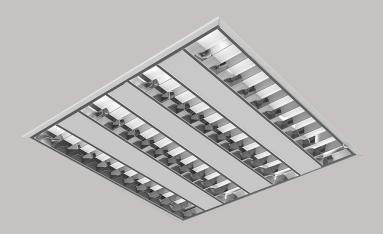
Installation

Modular, Gypsum or Clip-In Ceiling

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 27123 | 36W - 3950lm | 80 | 3000 | 120° | White | On-Off |
| | 28W - 3078lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |







Recessed panel luminaire complete with LED module, diffuser, driver and UGR<19 louvers











Materials

Body made of steel sheet, diffuser made from PMMA, louver made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

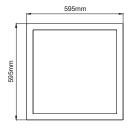
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

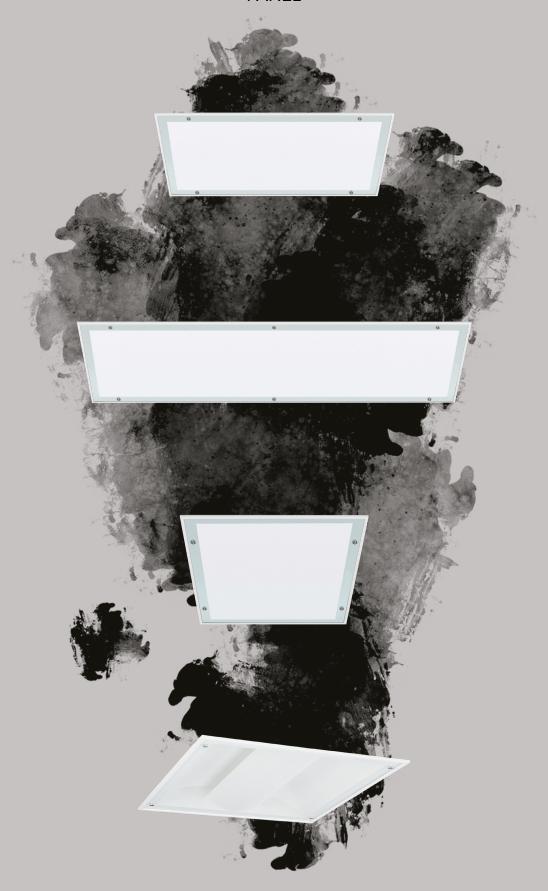
Installation

Modular, Gypsum or Clip-In Ceiling

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 27126 | 36W - 3950lm | 80 | 3000 | 120° | White | On-Off |
| | 28W - 3078lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

PERA

PANEL







Recessed IP65 panel luminaire complete with LED module, tempered glass and driver









Materials

Body made of metal sheet painted with electrostatic powder coating, screws made from stainless steel, diffuser made from tempered glass

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

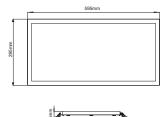
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Modular or Gypsum Ceiling

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 27264 | 25W - 2692Im | 80 | 3000 | 120° | White | On-Off |
| | 18W - 1938lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |









Recessed IP65 panel luminaire complete with LED module, tempered glass and driver











Materials

Body made of metal sheet painted with electrostatic powder coating, screws made from stainless steel, diffuser made from tempered glass

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

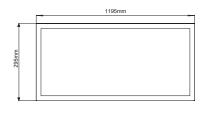
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

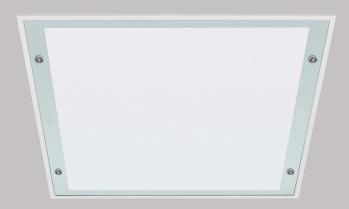
All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Modular or Gypsum Ceiling

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 27265 | 40W - 4307lm | 80 | 3000 | 120° | White | On-Off |
| | 36W - 3876lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |





Recessed IP65 panel luminaire complete with LED module, tempered glass and driver











Materials

Body made of metal sheet painted with electrostatic powder coating, screws made from stainless steel, diffuser made from tempered glass

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

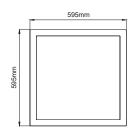
Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Warranty Installation

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Modular or Gypsum Ceiling

Technical Drawing





| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 27266 | 40W - 4307lm | 80 | 3000 | 120° | White | On-Off |
| | 36W - 3876lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |



Pera Indirect 60x60 - 27267

Panel





Recessed IP65 panel luminaire complete with LED module, tempered glass and driver











Materials

Body made of metal sheet painted with electrostatic powder coating, screws made from stainless steel, diffuser made from tempered glass

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

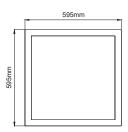
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Modular or Gypsum Ceiling

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 27267 | 40W - 4307Im | 80 | 3000 | 120° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

LONIT

PANEL







Recessed panel luminaire complete with LED module, diffuser and driver











Materials

Body made of steel sheet, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

Warranty

limited guarantee

installation of the product

As standard; White, Black and Grey Special RAL colours available on request

All components are provided with 5 year

A qualified electrician must ensure proper

Operating Conditions

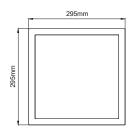
Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90

Operating Temperature (Ta): -20C° / +40C°

Installation

Modular, Gypsum or Clip-In Ceiling

Technical Drawing





| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 27233 | 18W - 2007lm | 80 | 3000 | 120° | White | On-Off |
| | 12W - 1338lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |





Recessed panel luminaire complete with LED module, diffuser and driver











Materials

Body made of steel sheet, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

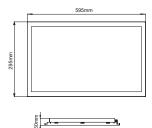
Technical Drawing

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

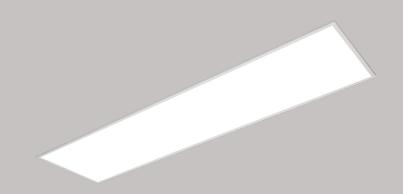
Modular, Gypsum or Clip-In Ceiling

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 27234 | 26W - 2900lm | 80 | 3000 | 120° | White | On-Off |
| | 22W - 2453lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |









Recessed panel luminaire complete with LED module, diffuser and driver











Materials

Body made of steel sheet, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

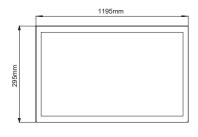
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing



Warranty

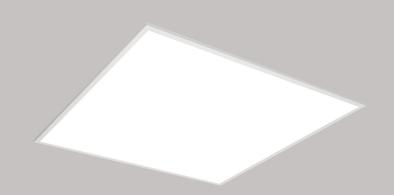
All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Modular, Gypsum or Clip-In Ceiling

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 27235 | 38W - 4238Im | 80 | 3000 | 120° | White | On-Off |
| | 26W - 2900lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |





Recessed panel luminaire complete with LED module, diffuser and driver. IP54 protection option is available on request













Materials

Body made of steel sheet, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

Warranty

limited guarantee

installation of the product

As standard; White, Black and Grey Special RAL colours available on request

All components are provided with 5 year

A qualified electrician must ensure proper

Operating Conditions

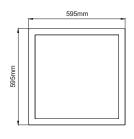
Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Operating Temperature (Ta): -20C° / +40C°

Installation

Modular, Gypsum or Clip-In Ceiling

Technical Drawing

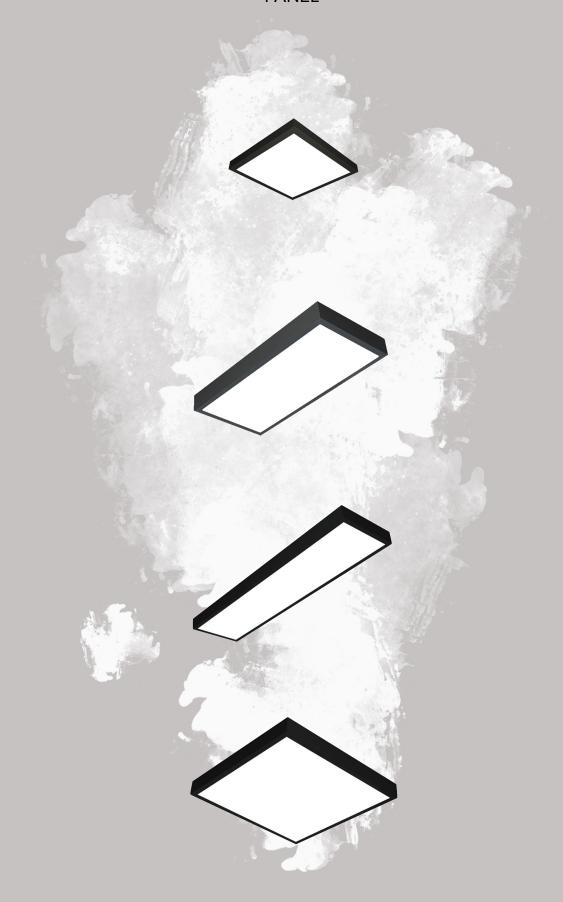




| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 27236 | 38W - 4238Im | 80 | 3000 | 120° | White | On-Off |
| | 26W - 2900lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

LONGE

PANEL







Surface / Pendant panel luminaire complete with LED module, diffuser and driver



Materials

Body made of steel sheet, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

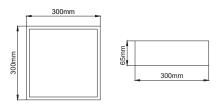
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 37233 | 18W - 2007lm | 80 | 3000 | 120° | White | On-Off |
| | 12W - 1338lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |







Surface / Pendant panel luminaire complete with LED module, diffuser and driver











Materials

Body made of steel sheet, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant



| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 37234 | 26W - 2900lm | 80 | 3000 | 120° | White | On-Off |
| | 22W - 2453Im | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |









Surface / Pendant panel luminaire complete with LED module, diffuser and driver











Materials

Body made of steel sheet, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

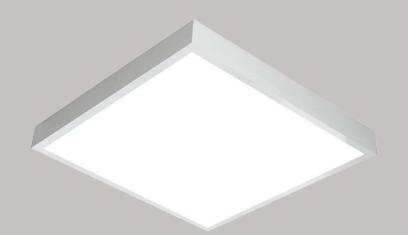
Installation

Surface / Pendant

1200mm

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 37235 | 38W - 4238Im | 80 | 3000 | 120° | White | On-Off |
| | 26W - 2900lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |





Surface / Pendant panel luminaire complete with LED module, diffuser and driver











Materials

Body made of steel sheet, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

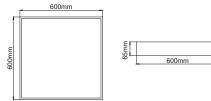
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

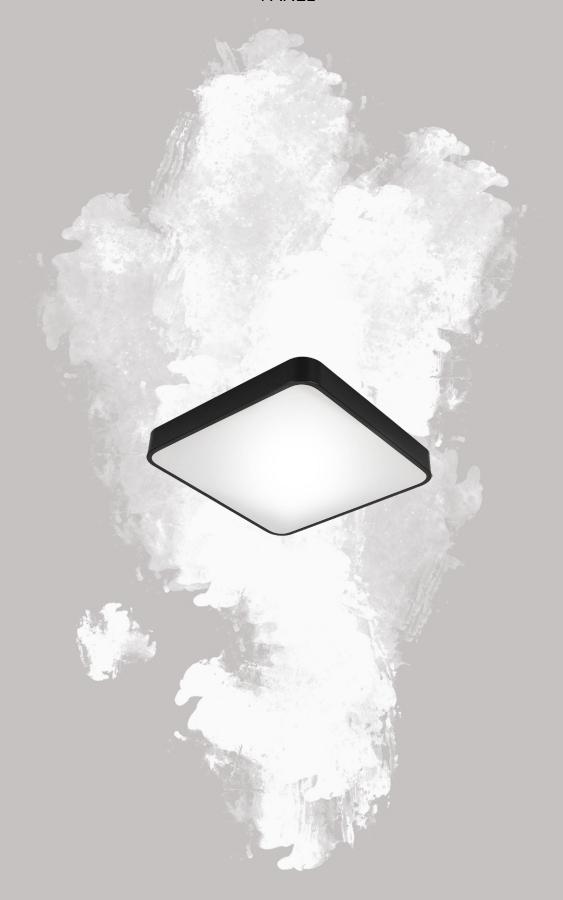
Installation

Surface / Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 37236 | 38W - 4238Im | 80 | 3000 | 120° | White | On-Off |
| | 26W - 2900lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

LOOP

PANEL







Surface / Pendant panel luminaire complete with LED module, diffuser and driver. Custom dimensions are available on request











LED

Materials

Body made of steel sheet, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

Warranty

limited guarantee

installation of the product

As standard; White, Black and Grey Special RAL colours available on request

All components are provided with 5 year

A qualified electrician must ensure proper

Operating Conditions

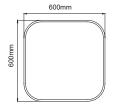
Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Operating Temperature (Ta): -20C° / +40C°

Surface / Pendant

Installation

Technical Drawing





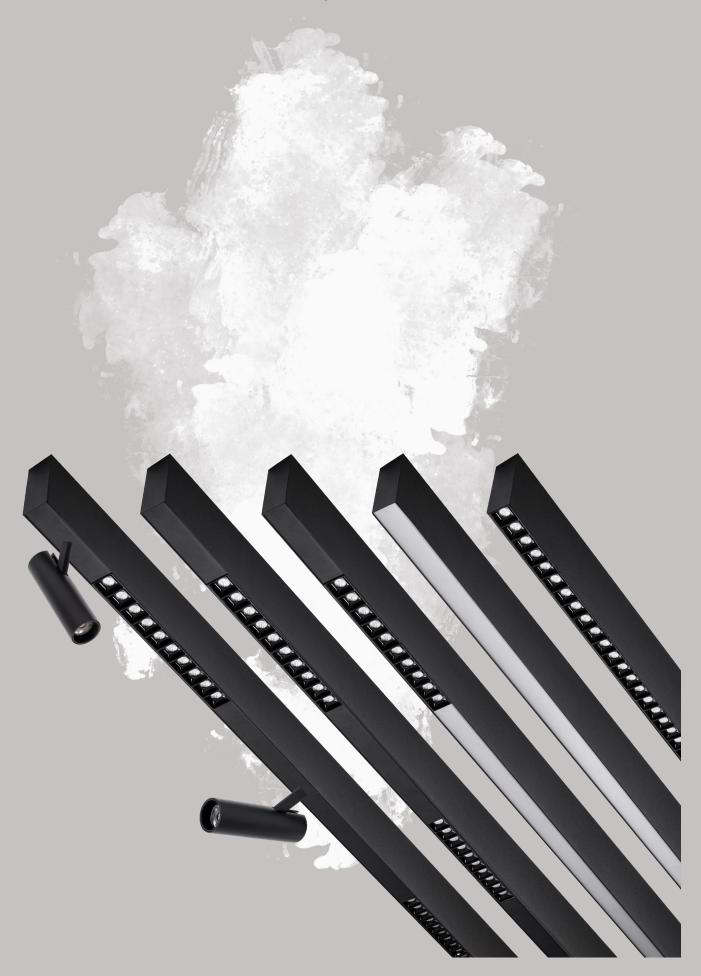
| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 37238 | 42W - 4993Im | 80 | 3000 | 120° | White | On-Off |
| | 36W - 4280lm | | 4000 | | Black | Dali |
| | 28W - 3329lm | | | | Grey | |
| | | | | | Ral | |



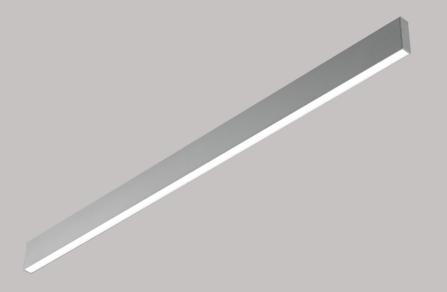
- 66 SELECT
- 72 SELECT D/I
- 78 SELECT RECESSED
- 84 LINARC
- 96 LINARC WALL
- 98 ARTER
- 108 PLASY
- 116 KELEBEK
- 118 KAVAL
- 122 ODAK
- 124 OPTIMUS
- 126 ALTARIO
- 132 ALTAN
- 134 ARTONA
- 140 ARTAN
- 142 **ARIN**
- 144 AROUT

SELECT

PROFILE







Surface / Pendant continuous linear luminaire complete with LED boards, opal diffuser and driver



Materials

Profile made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz
Mains voltage: 220 - 240 V
Led: L80/B50 ≥ 50.000 Hours
Driver: Constant Current Output

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing



| 1 | ∞ |
|---|---|
| _ | - |
| | _ |

Warranty

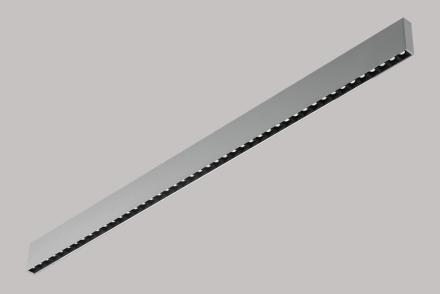
All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 32211 | 30W/m - 3597lm | 80 | 3000 | 110° | White | On-Off |
| | 20W/m - 2398lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |





Surface / Pendant continuous linear luminaire complete with LED boards, antiglare lenses and driver











Materials

Profile made of aluminium, lenses made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Medium and wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

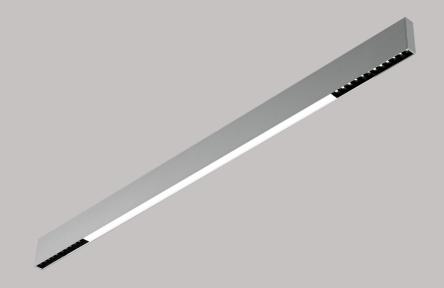
All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 32212 | 30W/m - 3636lm | 80 | 3000 | 48° | White | On-Off |
| | 20W/m - 2424lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |





Surface / Pendant continuous linear luminaire complete with LED boards, antiglare lenses, opal diffuser and driver











Materials

Profile made of aluminium, lenses and diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Medium and wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



| 1- | ∞ | |
|-------------|---|------------|
| | | |
| DIDIDIDIDID | | DIDIDIDIDI |

Warranty

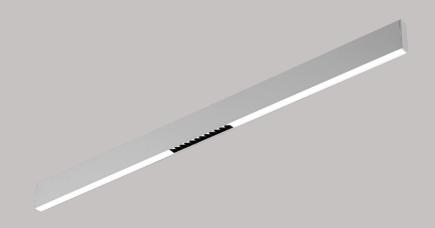
All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 32213 | 30W/m - 3636lm | 80 | 3000 | 48° + 110° | White | On-Off |
| | 20W/m - 2424lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |





Surface / Pendant continuous linear luminaire complete with LED boards, antiglare lenses, opal diffuser and driver











LED

Materials

Profile made of aluminium, lenses and diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Medium and wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

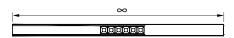
Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

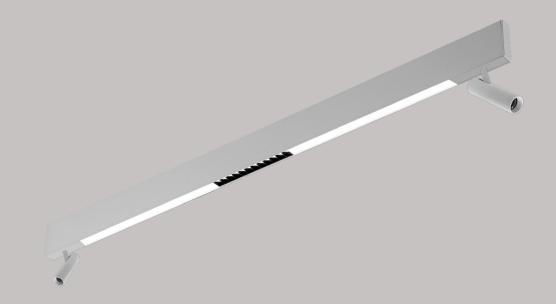
All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 32214 | 30W/m - 3636lm | 80 | 3000 | 48° + 110° | White | On-Off |
| | 20W/m - 2424lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |





Surface / Pendant continuous linear luminaire complete with LED boards, antiglare lenses, opal diffuser, spotlights and driver



LED

Materials

Profile made of aluminium, lenses and diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Technical Drawing

Narrow, medium and wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------------|-------|---------|
| 32215 | 30W/m - 3636lm | 80 | 3000 | 20° + 48° + 110° | White | On-Off |
| | 20W/m - 2424lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

SELECT DIRECT / INDIRECT

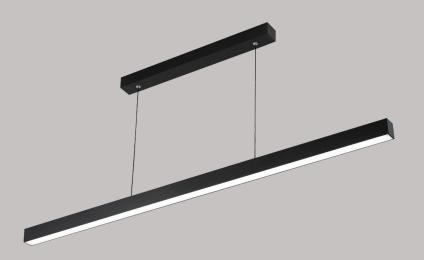
PROFILE



Select Direct / Indirect V1 - 32221

Profile





Direct / Indirect pendant continuous linear luminaire complete with LED boards, opal diffuser and driver











Materials

Profile made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 HzMains voltage : 220 - 240 VLed: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Pendant

∞ →

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|--------------------------------|-----|--------|------------|-------|---------|
| 32221 | 20W/m (D) + 10W/m (I) - 3597Im | 80 | 3000 | 110° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Select Direct / Indirect V2 - 32222

Profile





Direct / Indirect pendant continuous linear luminaire complete with LED boards, antiglare lenses, opal diffuser and driver











Materials

Profile made of aluminium, lenses and diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Medium and wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|--------------------------------|-----|--------|------------|-------|---------|
| 32222 | 20W/m (D) + 10W/m (I) - 3597Im | 80 | 3000 | 48° + 110° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Select Direct / Indirect V3 - 32223







Direct / Indirect pendant continuous linear luminaire complete with LED boards, antiglare lenses, opal diffuser and driver











Materials

Profile made of aluminium, lenses and diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Medium and wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|--------------------------------|-----|--------|------------|-------|---------|
| 32223 | 20W/m (D) + 10W/m (I) - 3597Im | 80 | 3000 | 48° + 110° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Select Direct / Indirect V4 - 32224

Profile





Direct / Indirect pendant continuous linear luminaire complete with LED boards, antiglare lenses, opal diffuser and driver











Materials

Profile made of aluminium, lenses and diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Medium and wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|--------------------------------|-----|--------|------------|-------|---------|
| 32224 | 20W/m (D) + 10W/m (I) - 3597Im | 80 | 3000 | 48° + 110° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Select Direct / Indirect V5 - 32225

Profile





Direct / Indirect pendant continuous linear luminaire complete with LED boards, antiglare lenses, opal diffuser, spotlights and driver











Materials

Profile made of aluminium, lenses and diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Narrow, medium and wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

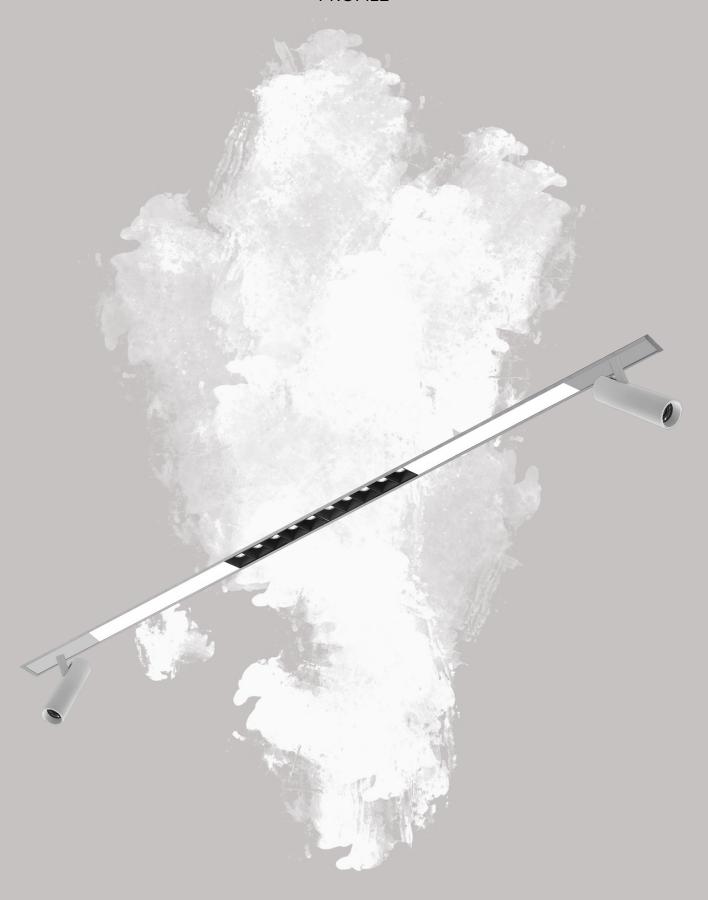
All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|--------------------------------|-----|--------|------------------|-------|---------|
| 32225 | 20W/m (D) + 10W/m (I) - 3597Im | 80 | 3000 | 20° + 48° + 110° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

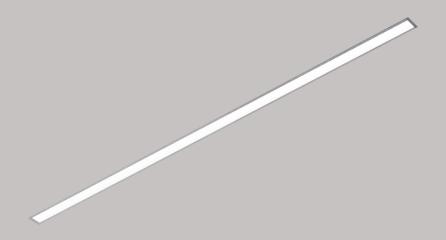
SELECT RECESSED



Select Recessed V1 - 22211

Profile





Recessed continuous linear luminaire complete with LED boards, opal diffuser and driver













Materials

Profile made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20 $^{\circ}$ /+40 $^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 22211 | 30W/m - 3597lm | 80 | 3000 | 110° | White | On-Off |
| | 20W/m - 2398lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Select Recessed V2 - 22212

Profile





Recessed continuous linear luminaire complete with LED boards, antiglare lenses and driver











Materials

Profile made of aluminium, lenses made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Medium and wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

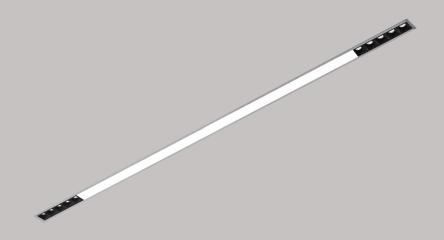
Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 22212 | 30W/m - 3636lm | 80 | 3000 | 48° | White | On-Off |
| | 20W/m - 2424lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Select Recessed V3 - 22213

Profile





Recessed continuous linear luminaire complete with LED boards, antiglare lenses, opal diffuser and driver











Materials

Profile made of aluminium, lenses and diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Medium and wide flood distribution

Colors

Warranty

limited guarantee

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Installation

Recessed

| A qualified electrician must ensure proper installation of the product |
|--|
| |
| |

All components are provided with 5 year

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 22213 | 30W/m - 3636lm | 80 | 3000 | 48° + 110° | White | On-Off |
| | 20W/m - 2424lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Select Recessed V4 - 22214

Profile





Recessed continuous linear luminaire complete with LED boards, antiglare lenses, opal diffuser and driver









| М | ล | te | ri | เล | ls |
|---|---|----|----|----|----|

Profile made of aluminium, lenses and diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Medium and wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

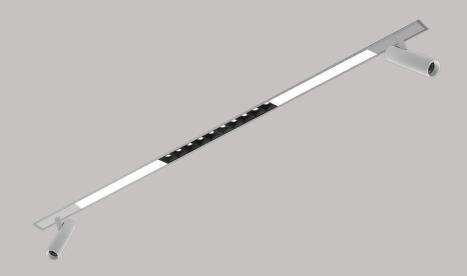
Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 22214 | 30W/m - 3636lm | 80 | 3000 | 48° + 110° | White | On-Off |
| | 20W/m - 2424lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Select Recessed V5 - 22215

Profile





Recessed continuous linear luminaire complete with LED boards, antiglare lenses, opal diffuser, spotlights and driver











Materials

Profile made of aluminium, lenses and diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Narrow, medium and wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

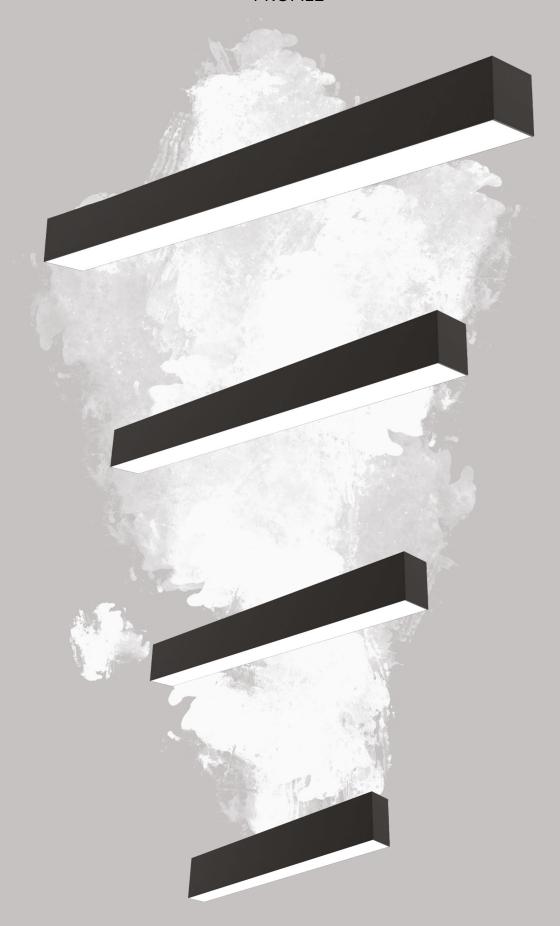
Installation

Recessed

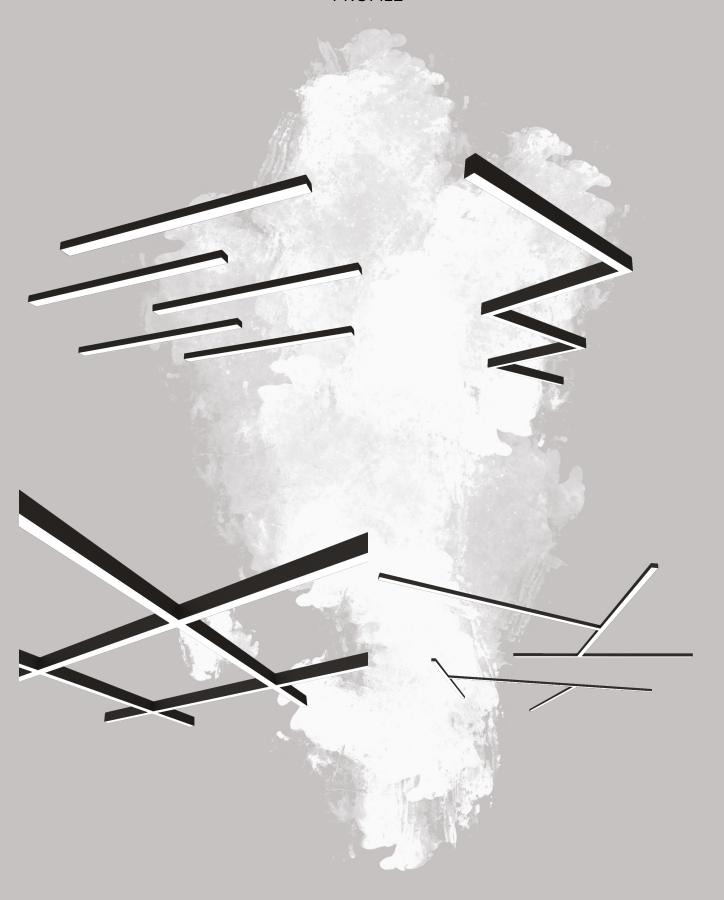


| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------------|-------|---------|
| 22215 | 30W/m - 3636lm | 80 | 3000 | 20° + 48° + 110° | White | On-Off |
| | 20W/m - 2424lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

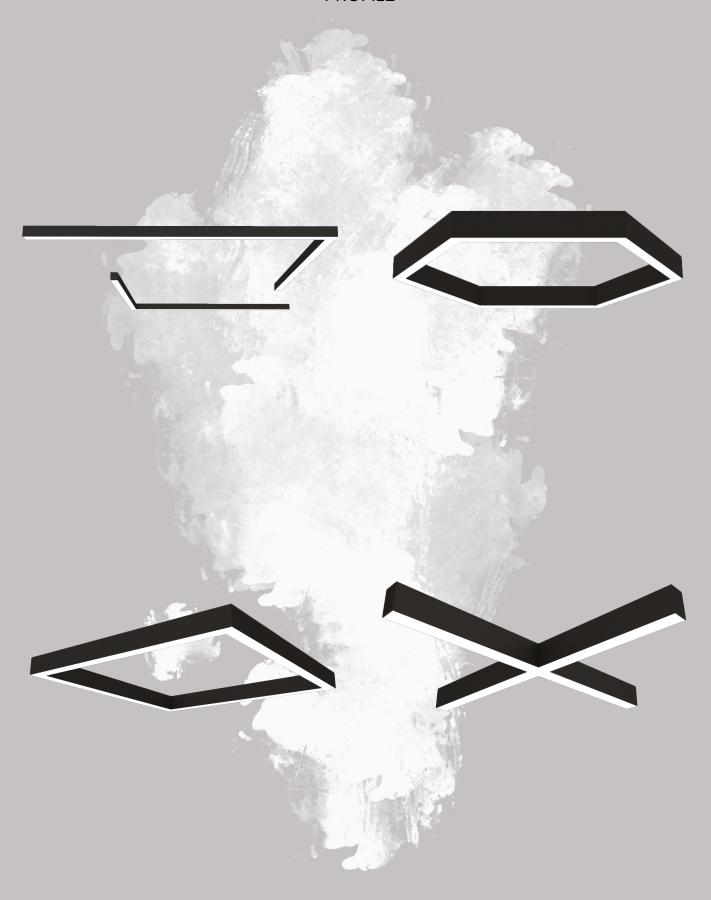
LINARC



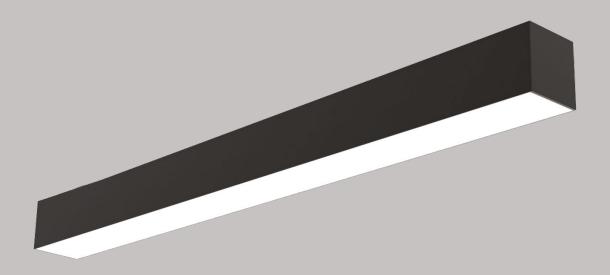
LINARC



LINARC







Surface / Pendant continuous linear luminaire complete with LED boards, opal diffuser and driver











Materials

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 HzMains voltage : 220 - 240 VLed: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant

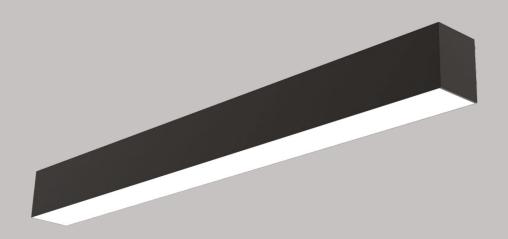
87 87 87

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 32107 | 32W/m - 3488lm | 80 | 3000 | 110° | White | On-Off |
| | 22W/m - 2398lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |









Surface / Pendant continuous linear luminaire complete with LED boards, opal diffuser and driver











Materials

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

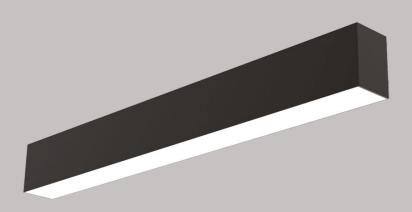
Surface / Pendant



| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 32106 | 32W/m - 3488lm | 80 | 3000 | 110° | White | On-Off |
| | 22W/m - 2398lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |







Surface / Pendant continuous linear luminaire complete with LED boards, opal diffuser and driver











LED

Materials

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 32105 | 32W/m - 3488lm | 80 | 3000 | 110° | White | On-Off |
| | 22W/m - 2398lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

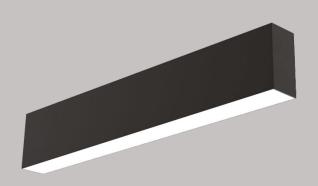
*Calculated with CRI80 - 4000K

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Surface / Pendant continuous linear luminaire complete with LED boards, opal diffuser and driver











| Materials | S |
|-----------|---|
|-----------|---|

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant

90

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 32104 | 32W/m - 3488lm | 80 | 3000 | 110° | White | On-Off |
| | 22W/m - 2398lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

LINARC WALL



Linarc Wall - 32101

Profile





P40 (FIXED | 220-240V | LED

Materials

Profile made of aluminium

diffuser and driver

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request **Operating Conditions**

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

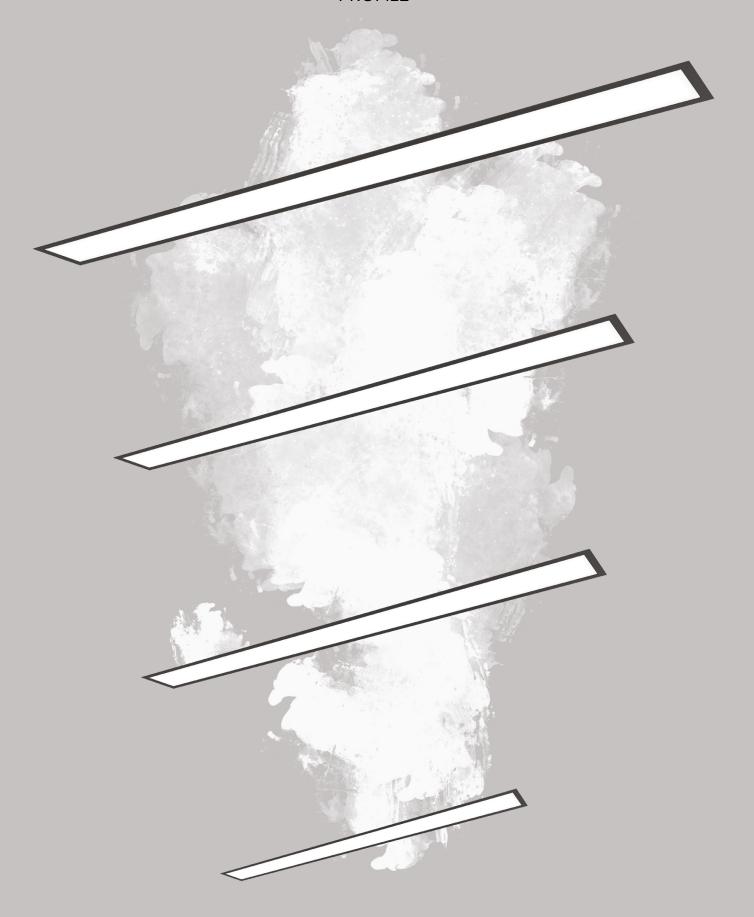
Wall

Technical Drawing

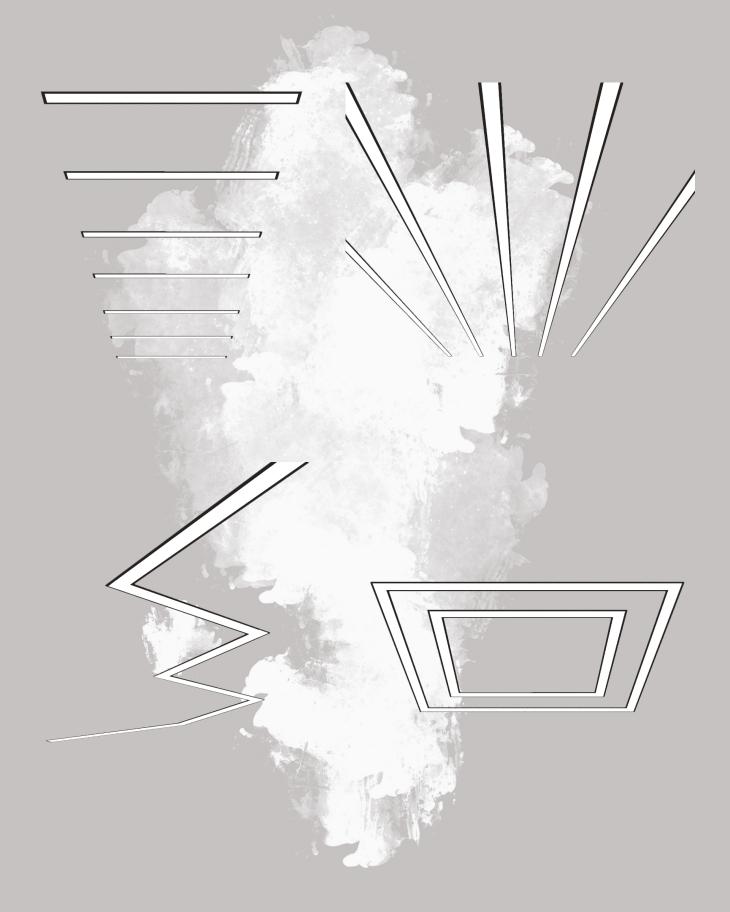


| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 32101 | 30W/m - 3597lm | 80 | 3000 | 110° | White | On-Off |
| | 20W/m - 2398lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

ARTER



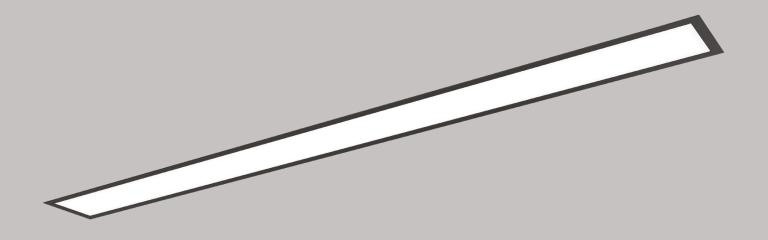
ARTER











Recessed continuous linear luminaire complete with LED boards, opal diffuser and driver













Materials

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 HzMains voltage : 220 - 240 VLed: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

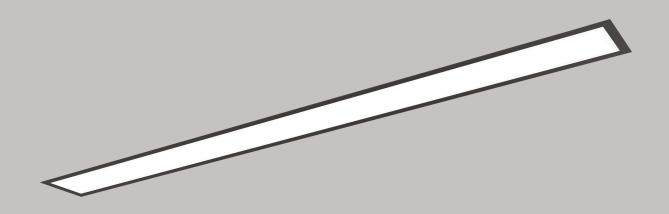
Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 22107 | 32W/m - 3488lm | 80 | 3000 | 110° | White | On-Off |
| | 22W/m - 2398lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

*Calculated with CRI80 - 4000K

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Recessed continuous linear luminaire complete with LED boards, opal diffuser and driver











LED

Materials

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

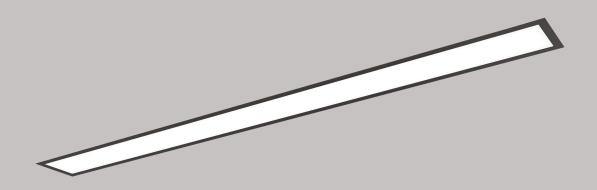
Recessed

| 84mm | | |
|------|---|--|
| - ' | ∞ | |

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 22106 | 32W/m - 3488lm | 80 | 3000 | 110° | White | On-Off |
| | 22W/m - 2398lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |







Recessed continuous linear luminaire complete with LED boards, opal diffuser and driver











Materials

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

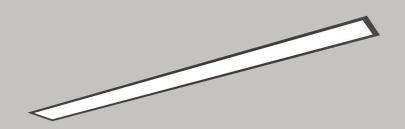
Installation

Recessed

| 84mm | | |
|------|---|--|
| - , | ∞ | |

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 22105 | 32W/m - 3488lm | 80 | 3000 | 110° | White | On-Off |
| | 22W/m - 2398lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |





Recessed continuous linear luminaire complete with LED boards, opal diffuser and driver











Materials

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| 34mm | | |
|------|---|---|
| , _ | ∞ | • |

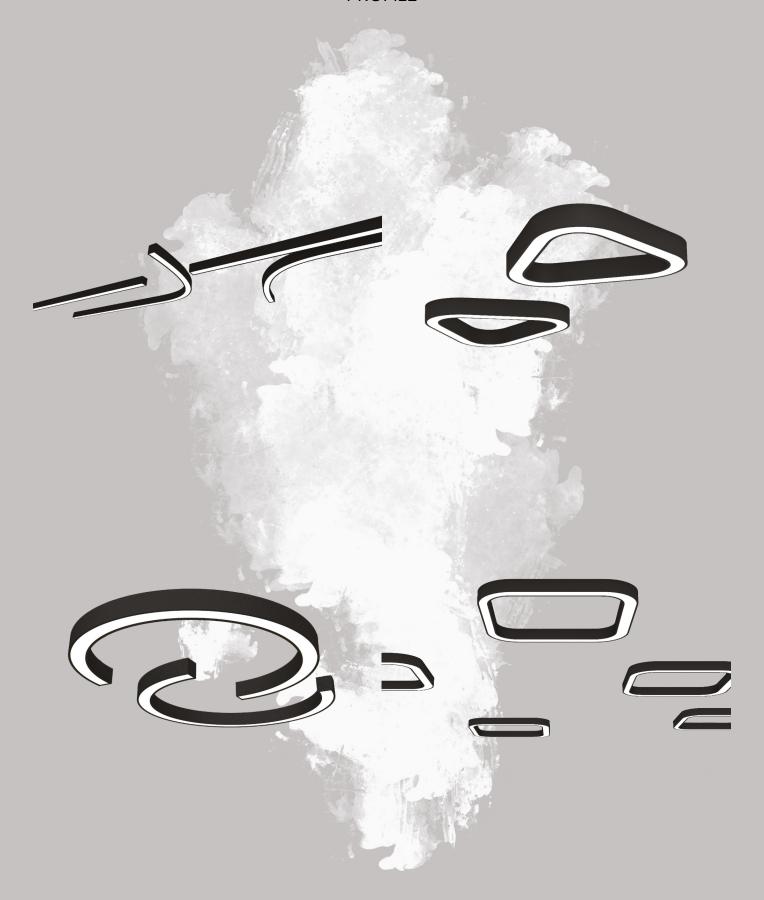
| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 22104 | 32W/m - 3488lm | 80 | 3000 | 110° | White | On-Off |
| | 22W/m - 2398Im | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |



PLASY



PLASY











Surface / Pendant continuous curved linear luminaire complete with LED boards, opal diffuser and driver







LED

Materials

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

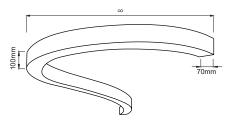
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 32117 | 32W/m - 3488lm | 80 | 3000 | 110° | White | On-Off |
| | 22W/m - 2398lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |







Surface / Pendant continuous curved linear luminaire complete with LED boards, opal diffuser and driver









Materials

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

Warranty

limited guarantee

installation of the product

As standard; White, Black and Grey Special RAL colours available on request

All components are provided with 5 year

A qualified electrician must ensure proper

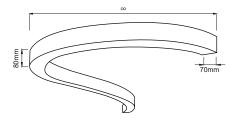
Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Installation

Surface / Pendant

Technical Drawing



| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 32115 | 32W/m - 3488lm | 80 | 3000 | 110° | White | On-Off |
| | 22W/m - 2398lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |



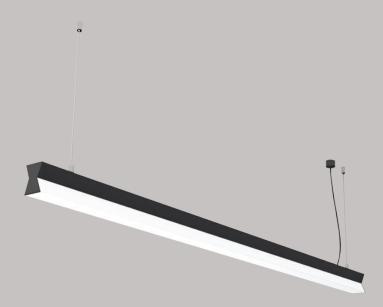
KELEBEK



Kelebek - 32230

Profile





Surface / Pendant linear luminaire complete with LED boards, opal diffuser and driver











Materials

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

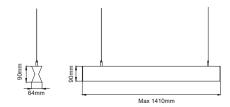
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

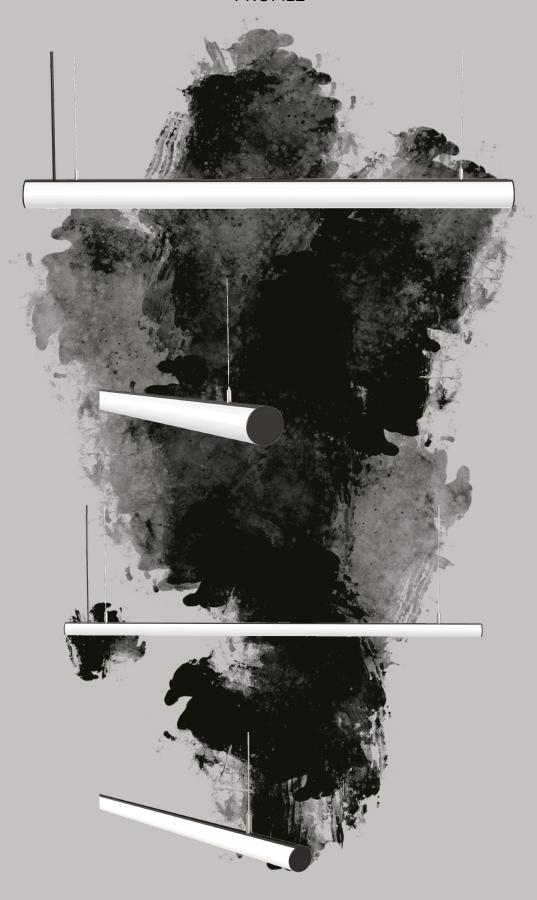
Surface / Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 32230 | 32W/m - 3488lm | 80 | 3000 | 110° | White | On-Off |
| | 22W/m - 2398lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

*Calculated with CRI80 - 4000K

www.alpani.com

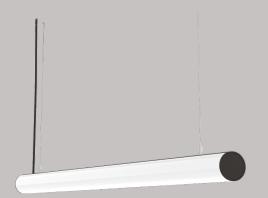
KAVAL



Kaval V8 - 32156

Profile





Pendant linear luminaire complete with LED boards, opal diffuser and driver











Materials

Profile made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000, 4000 and 5000K

Beam Angle

Wide flood distribution

Colors

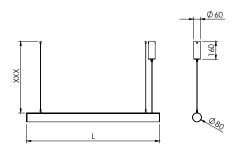
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Pendant

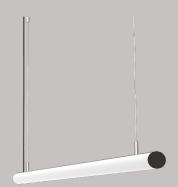
| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 32156 | 32W/m - 3488lm | 80 | 2700 | 150° | White | On-Off |
| | | 90 | 3000 | | Black | Dali |
| | | | 4000 | | Grey | |
| | | | 5000 | | Ral | |



Kaval V4 - 32154

Profile





Pendant linear luminaire complete with LED boards, opal diffuser and driver











Materials

Profile made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000, 4000 and 5000K

Beam Angle

Wide flood distribution

Colors

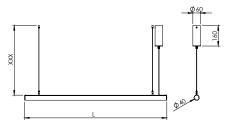
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

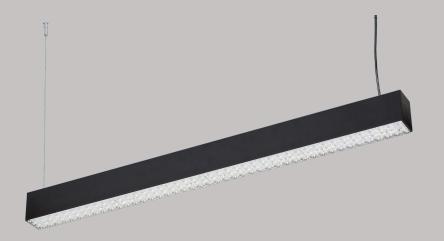
Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 32154 | 22W/m - 2398Im | 80 | 2700 | 150° | White | On-Off |
| | | 90 | 3000 | | Black | Dali |
| | | | 4000 | | Grey | |
| | | | 5000 | | Ral | |

ODAK







Surface / Pendant linear luminaire complete with LED boards, lenses and driver











Materials

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

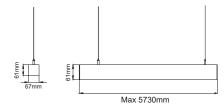
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 32231 | 32W/m - 3488lm | 80 | 3000 | 30° | White | On-Off |
| | 22W/m - 2398Im | | 4000 | 60° | Black | Dali |
| | | | | 90° | Grey | |
| | | | | Double Asy | Ral | |

OPTIMUS



Optimus - 32145

Profile





Surface / Pendant linear luminaire complete with spotlights. Different spot types can be placed on request. Custom diameters are available on request











Materials

Profile and housings made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

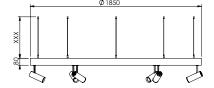
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz
Mains voltage: 220 - 240 V
Led: L80/B50 ≥ 50.000 Hours
Driver: Constant Current Output Pf

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant

| Code | Size - Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|-----------------------|-----|--------|------------|-------|---------|
| 32145 | 54W (9Wx6) - 5508lm | 80 | 3000 | 20° | White | On-Off |
| | 42W (7Wx6) - 4284lm | | 4000 | 30° | Black | Dali |
| | | | | 40° | Grey | |
| | | | | | Ral | |

ALTARIO







Surface / Pendant luminaire with direct / indirect option complete with LED boards, opal diffuser and driver. Custom diameters are available on request



LED

Materials

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

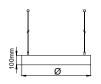
Operating Conditions

Mains frequency: 50/60 Hz
Mains voltage: 220 - 240 V
Led: L80/B50 ≥ 50.000 Hours
Driver: Constant Current Output |

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

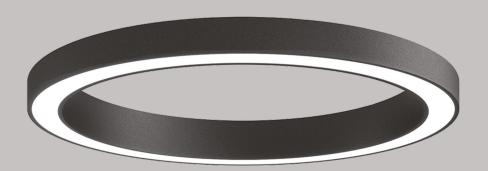
Surface / Pendant

| Code | Size - Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|------------------------|-----|--------|------------|-------|---------|
| 32127 | Ø450 - 32W - 2770lm | 80 | 3000 | 110° | White | On-Off |
| | Ø750 - 54W - 4610lm | | 4000 | | Black | Dali |
| | Ø1000 - 72W - 6140lm | | | | Grey | |
| | Ø1500 - 108W - 9210lm | | | | Ral | |
| | Ø2000 - 144W - 12280lm | | | | | |

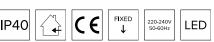








Surface / Pendant luminaire with direct / indirect option complete with LED boards, opal diffuser and driver. Custom diameters are available on request



Materials

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

Warranty

limited guarantee

installation of the product

As standard; White, Black and Grey Special RAL colours available on request

All components are provided with 5 year

A qualified electrician must ensure proper

Operating Conditions

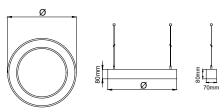
Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Operating Temperature (Ta): -20C° / +40C°

Installation

Surface / Pendant

Technical Drawing



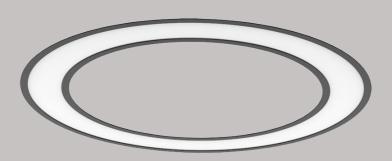
| Code | Size - Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|------------------------|-----|--------|------------|-------|---------|
| 32125 | Ø450 - 32W - 2930lm | 80 | 3000 | 110° | White | On-Off |
| | Ø750 - 54W - 4880lm | | 4000 | | Black | Dali |
| | Ø1000 - 72W - 6500lm | | | | Grey | |
| | Ø1500 - 108W - 9750lm | | | | Ral | |
| | Ø2000 - 144W - 13000lm | | | | | |



ALTAN







Recessed luminaire with LED boards, opal diffuser and driver. Custom diameters are available on request









Materials

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

Warranty

limited guarantee

installation of the product

As standard; White, Black and Grey Special RAL colours available on request

All components are provided with 5 year

A qualified electrician must ensure proper

Operating Conditions

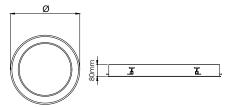
Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Operating Temperature (Ta): -20C° / +40C°

Installation

Recessed

Technical Drawing



| Code | Size - Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|-----------------------|-----|--------|------------|-------|---------|
| 22125 | Ø615 - 35W - 3029lm | 80 | 3000 | 110° | White | On-Off |
| | Ø915 - 55W - 4760lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |
| | | | | | | |

ARTONA







Surface / Pendant luminaire with direct / indirect option complete with LED boards, opal diffuser and driver. Custom diameters are available on request



| Mater | ials |
|-------|------|

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

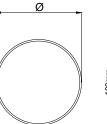
Colors

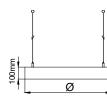
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant

| Code | Size - Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|------------------------|-----|--------|------------|-------|---------|
| 32137 | Ø300 - 23W - 2300lm | 80 | 3000 | 110° | White | On-Off |
| | Ø400 - 36W - 3600lm | | 4000 | | Black | Dali |
| | Ø600 - 60W - 6000lm | | | | Grey | |
| | Ø800 - 80W - 8000lm | | | | Ral | |
| | Ø1000 - 100W - 10000lm | | | | | |









Surface / Pendant luminaire with direct / indirect option complete with LED boards, opal diffuser and driver. Custom diameters are available on request



Materials

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

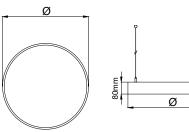
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant

| Code | Size - Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|------------------------|-----|--------|------------|-------|---------|
| 32135 | Ø300 - 23W - 2880lm | 80 | 3000 | 110° | White | On-Off |
| | Ø400 - 36W - 4500lm | | 4000 | | Black | Dali |
| | Ø600 - 60W - 7500lm | | | | Grey | |
| | Ø800 - 80W - 10000lm | | | | Ral | |
| | Ø1000 - 100W - 12500lm | | | | | |

*Calculated with CRI80 - 4000K

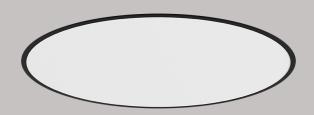
138



ARTAN







Recessed luminaire with LED boards, opal diffuser and driver. Custom diameters are available on request











Materials

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

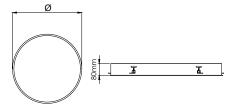
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Size - Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|-----------------------|-----|--------|------------|-------|---------|
| 22135 | Ø612 - 40W - 4044lm | 80 | 3000 | 110° | White | On-Off |
| | Ø912 - 70W - 7078Im | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |
| | | | | | | |

ARIN



Arin - 32131 Profile

ALPANI



Pendant luminaire complete with LED boards, opal diffuser and driver. Custom diameters are available on request













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|-----|-----|------|----|
| Ma | ιei | IIdi | 13 |

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

Warranty

limited guarantee

installation of the product

As standard; White, Black and Grey Special RAL colours available on request

All components are provided with 5 year

A qualified electrician must ensure proper

Operating Conditions

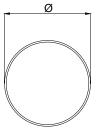
Mains frequency : 50/60 HzMains voltage : 220 - 240 VLed: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

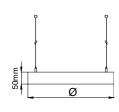
Operating Temperature (Ta): -20C° / +40C°

Installation

Pendant

Technical Drawing





| Code | Size - Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|-----------------------|-----|--------|------------|-------|---------|
| 32131 | Ø600 - 35W - 3153lm | 80 | 3000 | 110° | White | On-Off |
| | Ø900 - 55W - 4955lm | | 4000 | | Black | Dali |
| | Ø1200 - 75W - 6757lm | | | | Grey | |
| | | | | | Ral | |
| | | | | | | |

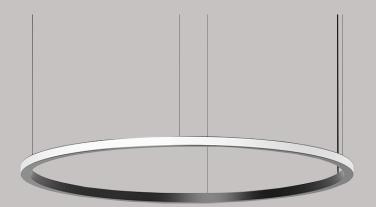
AROUT



Arout - 32133

Profile





Pendant luminaire complete with LED boards, opal diffuser and driver. Custom diameters are available on request













Materials

Profile made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

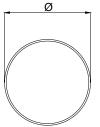
As standard; White, Black and Grey Special RAL colours available on request

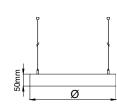
Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Pendant

| Code | Size - Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|-----------------------|-----|--------|------------|-------|---------|
| 32133 | Ø600 - 35W - 3153lm | 80 | 3000 | 110° | White | On-Off |
| | Ø900 - 55W - 4955lm | | 4000 | | Black | Dali |
| | Ø1200 - 75W - 6757lm | | | | Grey | |
| | | | | | Ral | |
| | | | | | | |



148 MARKE

152 SIRENA

162 APEL

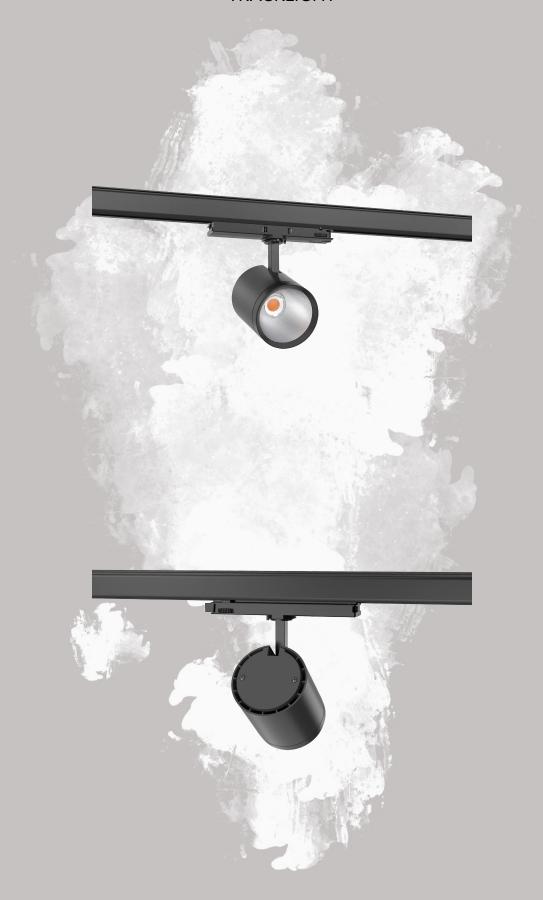
166 POTE IN

170 POTE OU

174 BORU

179 TRACK SYSTEM

MARKE







Track mounted fully adjustable tracklight complete with LED module, reflector and intrack driver. Over 140lm/W efficiency option













Materials

Housing & reflector made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

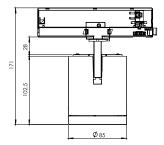
Colors

As standard; White, Black and Grey Special RAL colours available on request Different color options for front ring available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

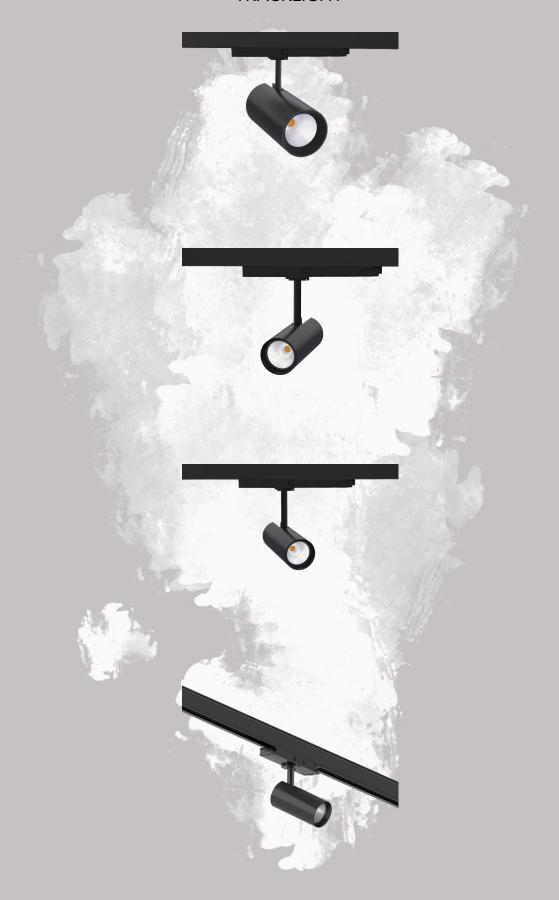
Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10179 | 29,5W - 4130Im | 80 | 2700 | 15° | White | On-Off |
| | 24W - 3360lm | 90 | 3000 | 24° | Black | Dali |
| | 22W - 3080lm | | 4000 | 40° | Grey | |
| | | | | 60° | Ral | |





SIRENA







Track mounted fully adjustable tracklight complete with LED module, reflector and intrack driver.











Materials

Housing & reflector made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

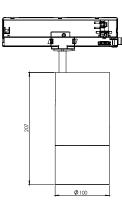
Colors

As standard; White, Black and Grey Special RAL colours available on request Different color options for front ring available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10188 | 32W - 3592Im | 80 | 2700 | 15° | White | On-Off |
| | 28W - 3143lm | 90 | 3000 | 24° | Black | Dali |
| | 24W - 2694lm | | 4000 | 40° | Grey | |
| | | | | 60° | Ral | |











Track mounted fully adjustable tracklight complete with LED module, reflector and intrack driver.











Materials

Housing & reflector made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

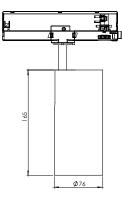
Colors

As standard; White, Black and Grey Special RAL colours available on request Different color options for front ring available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10186 | 24W - 2694Im | 80 | 2700 | 15° | White | On-Off |
| | 20W - 2245lm | 90 | 3000 | 24° | Black | Dali |
| | 15W - 1684lm | | 4000 | 40° | Grey | |
| | | | | 60° | Ral | |





Track mounted fully adjustable tracklight complete with LED module, reflector and intrack driver.











Materials

Housing & reflector made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

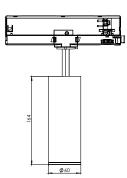
Colors

As standard; White, Black and Grey Special RAL colours available on request Different color options for front ring available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10184 | 20W - 2245lm | 80 | 2700 | 15° | White | On-Off |
| | 15W - 1684lm | 90 | 3000 | 24° | Black | Dali |
| | 10W - 1122lm | | 4000 | 40° | Grey | |
| | | | | 60° | Ral | |









Track mounted fully adjustable tracklight complete with LED module, reflector and intrack driver.











Materials

Housing & reflector made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

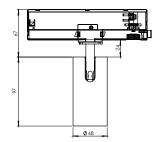
Colors

As standard; White, Black and Grey Special RAL colours available on request Different color options for front ring available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

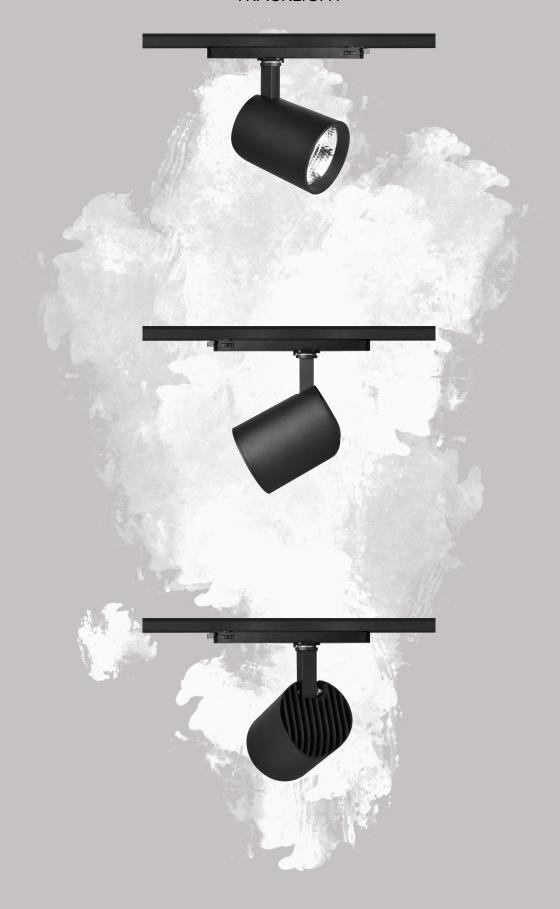
All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10182 | 10W - 1128Im | 80 | 2700 | 15° | White | On-Off |
| | 8W - 902lm | 90 | 3000 | 24° | Black | Dali |
| | | | 4000 | 40° | Grey | |
| | | | | 60° | Ral | |

APEL







Track mounted fully adjustable tracklight complete with LED module, reflector and intrack driver











Materials

Housing & reflector made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

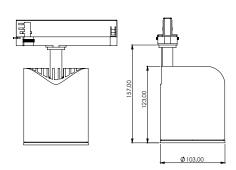
Colors

As standard; White, Black and Grey Special RAL colours available on request Different color options for front ring available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10196 | 32W - 3513lm | 80 | 2700 | 15° | White | On-Off |
| | 30W - 3294Im | 90 | 3000 | 30° | Black | Dali |
| | 28W - 3074Im | | 4000 | 45° | Grey | |
| | 24W - 2635lm | | | 60° | Ral | |







Track mounted fully adjustable tracklight complete with LED module, reflector and intrack driver











Materials

Housing & reflector made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

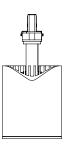
Colors

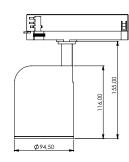
As standard; White, Black and Grey Special RAL colours available on request Different color options for front ring available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing





Warranty

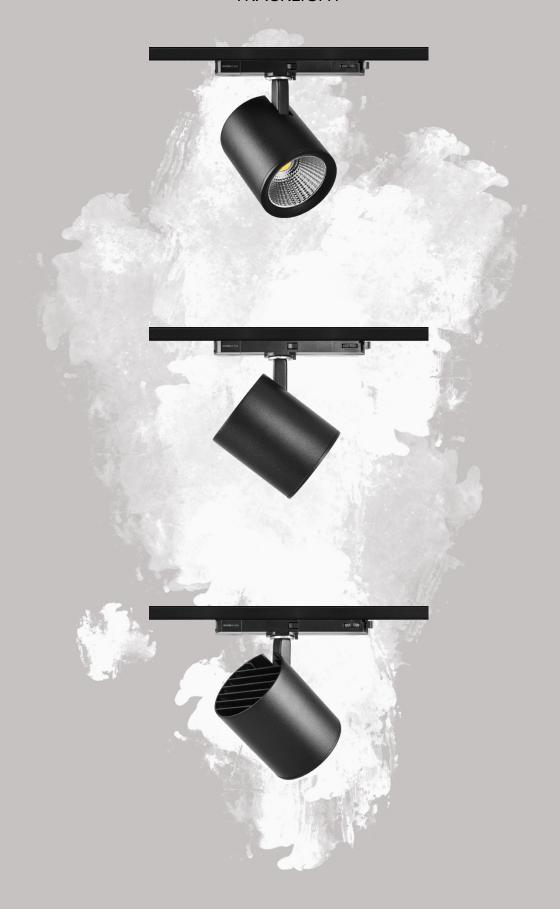
All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10194 | 20W - 2196lm | 80 | 2700 | 15° | White | On-Off |
| | 18W - 1976lm | 90 | 3000 | 30° | Black | Dali |
| | 15W - 1647lm | | 4000 | 45° | Grey | |
| | 10W - 1098lm | | | 60° | Ral | |

POTE IN



Pote In Maxi - 10158

Tracklight





Track mounted fully adjustable tracklight complete with LED module, reflector and intrack driver













Materials

Housing & reflector made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

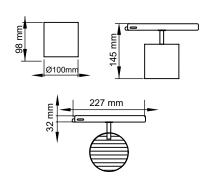
Colors

As standard; White, Black and Grey Special RAL colours available on request Different color options for front ring available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10158 | 32W - 3513lm | 80 | 2700 | 15° | White | On-Off |
| | 30W - 3294lm | 90 | 3000 | 30° | Black | Dali |
| | 28W - 3074lm | | 4000 | 45° | Grey | |
| | 24W - 2635lm | | | 60° | Ral | |



Pote In Midi - 10157

Tracklight





Track mounted fully adjustable tracklight complete with LED module, reflector and intrack driver













Materials

Housing & reflector made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

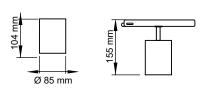
Colors

As standard; White, Black and Grey Special RAL colours available on request Different color options for front ring available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

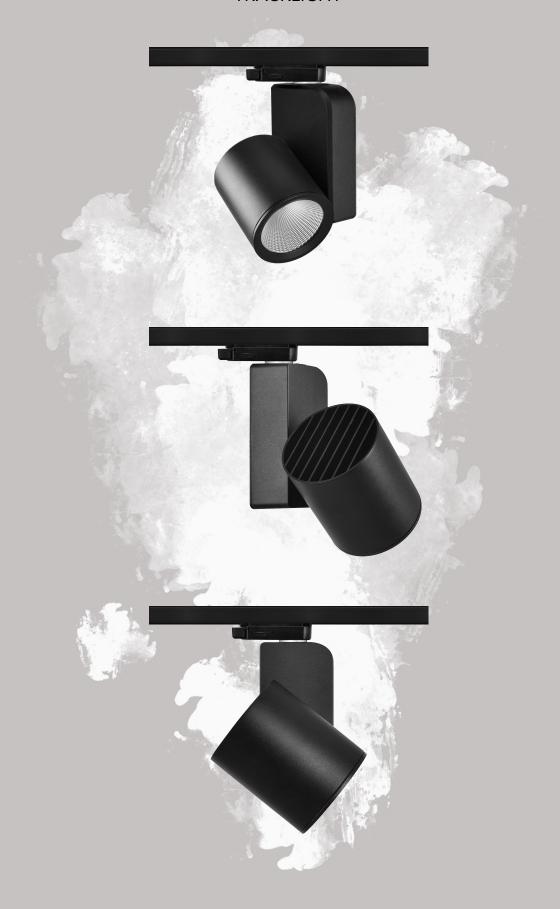
Installation

Track

227 mm

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10157 | 20W - 2196lm | 80 | 2700 | 15° | White | On-Off |
| | 18W - 1976lm | 90 | 3000 | 30° | Black | Dali |
| | 15W - 1647lm | | 4000 | 45° | Grey | |
| | 10W - 1098lm | | | 60° | Ral | |

POTE OU



Pote Ou Maxi - 10156

Tracklight





Track mounted fully adjustable tracklight complete with LED module, reflector and driver













Materials

Housing & reflector made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

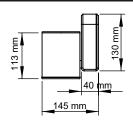
Colors

As standard; White, Black and Grey Special RAL colours available on request Different color options for front ring available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10156 | 32W - 3513lm | 80 | 2700 | 15° | White | On-Off |
| | 30W - 3294lm | 90 | 3000 | 30° | Black | Dali |
| | 28W - 3074lm | | 4000 | 45° | Grey | |
| | 24W - 2635lm | | | 60° | Ral | |



Pote Ou Midi - 10155

Tracklight





Track mounted fully adjustable tracklight complete with LED module, reflector and driver













Materials

Housing & reflector made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

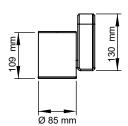
Colors

As standard; White, Black and Grey Special RAL colours available on request Different color options for front ring available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10157 | 20W - 2196lm | 80 | 2700 | 15° | White | On-Off |
| | 18W - 1976lm | 90 | 3000 | 30° | Black | Dali |
| | 15W - 1647lm | | 4000 | 45° | Grey | |
| | 10W - 1098lm | | | 60° | Ral | |

BORU



Boru Maxi - 10167

Tracklight





Track mounted fully adjustable tracklight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

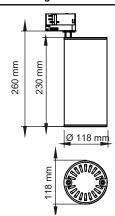
Colors

As standard; White, Black and Grey Special RAL colours available on request Different color options for front ring available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10167 | 35W - 3842Im | 80 | 2700 | 15° | White | On-Off |
| | 30W - 3293lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 45° | Grey | |
| | | | | 60° | Ral | |

Boru Midi - 10165

Tracklight





Track mounted fully adjustable tracklight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

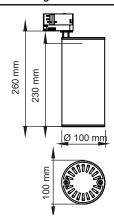
Colors

As standard; White, Black and Grey Special RAL colours available on request Different color options for front ring available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10165 | 30W - 3293Im | 80 | 2700 | 15° | White | On-Off |
| | 20W - 2195lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 45° | Grey | |
| | | | | 60° | Ral | |

Boru Mini - 10163

Tracklight





Track mounted fully adjustable tracklight complete with LED module, reflector and driver













Materials

Housing & reflector made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

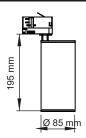
Colors

As standard; White, Black and Grey Special RAL colours available on request Different color options for front ring available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Track



| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10163 | 20W - 2195lm | 80 | 2700 | 15° | White | On-Off |
| | 15W - 1646lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 45° | Grey | |
| | | | | | Ral | |

Boru Micro - 10161

Tracklight





Track mounted fully adjustable tracklight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 in 2700, 3000 and 4000K

Beam Angle

High efficient optic with narrow and wide distribution

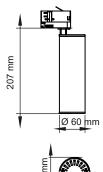
Colors

As standard; White, Black and Grey Special RAL colours available on request Different color options for front ring available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

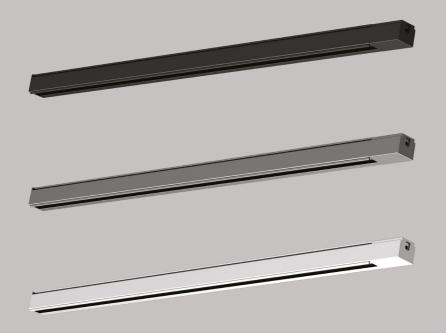
Installation

Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10161 | 10W - 1097lm | 80 | 2700 | 15° | White | On-Off |
| | 8W - 878lm | | 3000 | 30° | Black | Dali |
| | | | 4000 | | Grey | |
| | | | | | Ral | |

Track System Tracklight





| 3-Circuit Surface Track | | | |
|-------------------------|-------------|--|--|
| Code | Description | | |
| 90901 | 1m White | | |
| 90902 | 1m Black | | |
| 90903 | 1m Grey | | |
| 90904 | 2m White | | |
| 90905 | 2m Black | | |
| 90906 | 2m Grey | | |
| 90907 | 3m White | | |
| 90908 | 3m Black | | |
| 90909 | 3m Grey | | |

| 3-Circuit Recessed Track | | | |
|--------------------------|-------------|--|--|
| Code | Description | | |
| 90911 | 1m White | | |
| 90912 | 1m Black | | |
| 90913 | 1m Grey | | |
| 90914 | 2m White | | |
| 90915 | 2m Black | | |
| 90916 | 2m Grey | | |
| 90917 | 3m White | | |
| 90918 | 3m Black | | |
| 90919 | 3m Grey | | |

| 3-Circuit Surface Dali Track | | | |
|------------------------------|-------------|--|--|
| Code | Description | | |
| 90941 | 1m White | | |
| 90942 | 1m Black | | |
| 90943 | 1m Grey | | |
| 90944 | 2m White | | |
| 90945 | 2m Black | | |
| 90946 | 2m Grey | | |
| 90947 | 3m White | | |
| 90948 | 3m Black | | |
| 90949 | 3m Grey | | |

| 3-Circuit Recessed Dali Track | | | |
|-------------------------------|-------------|--|--|
| Code | Description | | |
| 90951 | 1m White | | |
| 90952 | 1m Black | | |
| 90953 | 1m Grey | | |
| 90954 | 2m White | | |
| 90955 | 2m Black | | |
| 90956 | 2m Grey | | |
| 90957 | 3m White | | |
| 90958 | 3m Black | | |
| 90959 | 3m Grey | | |

| 3-Circuit | | | |
|-----------|-------------------------|--|--|
| Code | Description | | |
| 90920 | Live End White | | |
| 90921 | Live End Black | | |
| 90922 | Live End Grey | | |
| 90923 | End Cap White | | |
| 90924 | End Cap Black | | |
| 90925 | End Cap Grey | | |
| 90926 | Jointing Part White | | |
| 90927 | Jointing Part Black | | |
| 90928 | Jointing Part Grey | | |
| 90929 | Adjustable Corner White | | |
| 90930 | Adjustable Corner Black | | |
| 90931 | Adjustable Corner Grey | | |
| 90932 | T Part White | | |
| 90933 | T Part Black | | |
| 90934 | T Part Grey | | |
| 90935 | X Part White | | |
| 90936 | X Part Black | | |
| 90937 | X Part Grey | | |
| 90938 | Steel Suspension Kit | | |



| JJ45 | Jill Gre | У | 30333 | Sill Gley | | | |
|----------------|----------|---|-------------------------|-----------|--|--|--|
| 3-Circuit Dali | | | | | | | |
| Code | | | Description | | | | |
| 9 | 0960 | | Live End White | | | | |
| 90961 | | | Live End Black | | | | |
| 9 | 0962 | | Live End G | rey | | | |
| 9 | 0963 | | End Cap W | hite | | | |
| 9 | 0964 | | End Cap Bl | ack | | | |
| 9 | 0965 | | End Cap G | rey | | | |
| 90966 | | | Jointing Part White | | | | |
| 9 | 90967 | | Jointing Part Black | | | | |
| 9 | 90968 | | Jointing Part Grey | | | | |
| 9 | 90969 | | Adjustable Corner White | | | | |
| 9 | 0970 | | Adjustable Corner Black | | | | |
| Ş | 90971 | | Adjustable Corner Grey | | | | |
| 9 | 00972 | | T Part White | | | | |
| g | 00973 | | T Part Black | | | | |
| ç | 00974 | | T Part Grey | | | | |
| g | 0975 | | X Part White | | | | |
| 9 | 0976 | | X Part Black | | | | |
| g | 0977 | | X Part Gre | Э | | | |
| 90938 | | | Steel Suspension Kit | | | | |



182 ARKE

188 KOZA

194 KAZAN

204 ECHO

210 DREAKER

214 TOMA

222 KUAL

230 HERA

238 KALE

246 HALA

254 GALAR

258 TRIMNO

266 FLAR

274 NOKTA

278 LAZAR

282 TAMPA

286 GOLAT

ARKE



















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

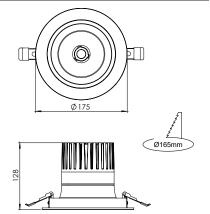
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21338 | 35W - 3990lm | 80 | 2700 | 20° | White | On-Off |
| | 28W - 3200lm | 90 | 3000 | 30° | Black | Dali |
| | 20W - 2276lm | | 4000 | 40° | Grey | |
| | | | | 60° | Ral | |
| | | | | | | |

















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

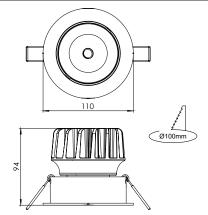
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21336 | 20W - 2246lm | 80 | 2700 | 15° | White | On-Off |
| | 14W - 1572Im | 90 | 3000 | 24° | Black | Dali |
| | 9W - 1010lm | | 4000 | 36° | Grey | |
| | 7W - 786lm | | | 60° | Ral | |
| | | | | | | |















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

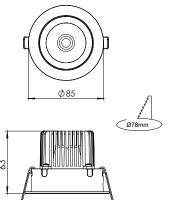
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz
Mains voltage: 220 - 240 V
Led: L80/B50 ≥ 50.000 Hours
Driver: Constant Current Output

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

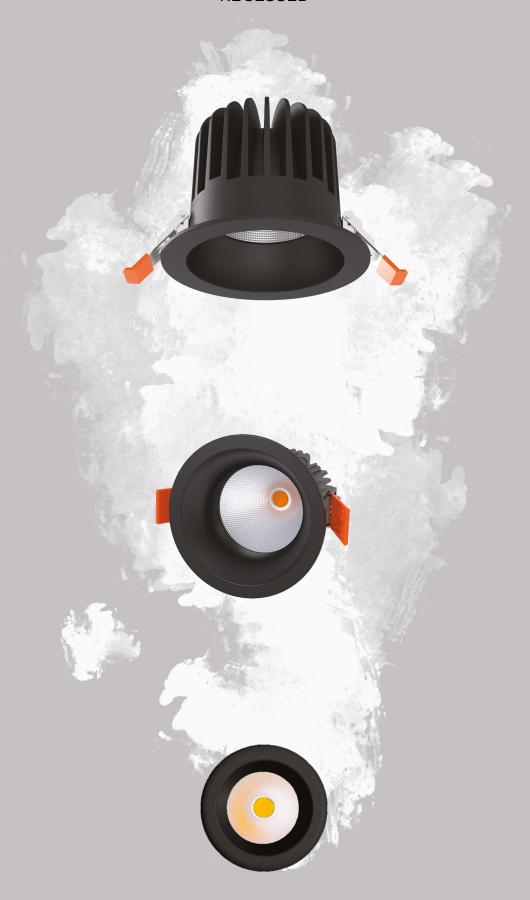
Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21334 | 14W - 1572lm | 80 | 2700 | 15° | White | On-Off |
| | 9W - 1010lm | 90 | 3000 | 24° | Black | Dali |
| | 7W - 786lm | | 4000 | 36° | Grey | |
| | | | | 60° | Ral | |



KOZA

















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

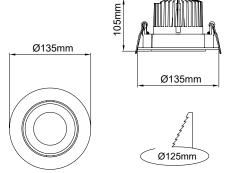
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21147 | 35W - 3930lm | 80 | 2700 | 15° | White | On-Off |
| | 28W - 3136lm | 90 | 3000 | 24° | Black | Dali |
| | 20W - 2240Im | | 4000 | 36° | Grey | |
| | | | | 60° | Ral | |

















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

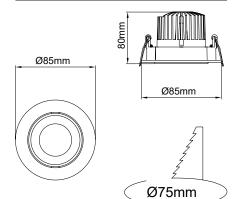
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21145 | 14W - 1572lm | 80 | 2700 | 15° | White | On-Off |
| | 9W - 1010lm | 90 | 3000 | 24° | Black | Dali |
| | 7W - 786lm | | 4000 | 36° | Grey | |
| | | | | 60° | Ral | |

















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

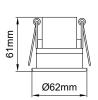
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

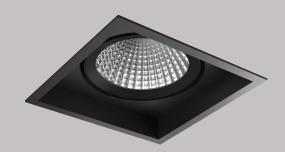


| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21143 | 7W - 784lm | 80 | 2700 | 20° | White | On-Off |
| | 4W - 448lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 40° | Grey | |
| | | | | | Ral | |

KAZAN

















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

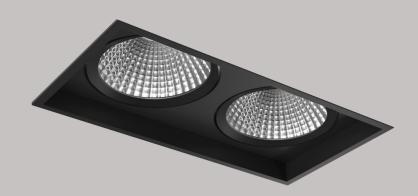
Installation

Recessed

185 mm 185 mm

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21261 | 35W - 4007lm | 80 | 2700 | 15° | White | On-Off |
| | 30W - 3435lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 45° | Grey | |
| | | | | 60° | Ral | |
| | | | | | | |















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

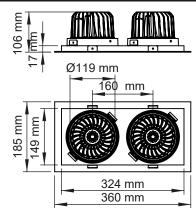
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing



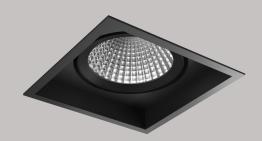
Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21262 | 70W - 8014lm | 80 | 2700 | 15° | White | On-Off |
| | 60W - 6870Im | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 45° | Grey | |
| | | | | 60° | Ral | |
| | | | | | | |













Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

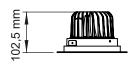
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing

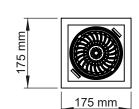


Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

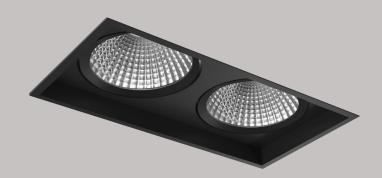
Installation

Recessed



| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21263 | 30W - 3435lm | 80 | 2700 | 15° | White | On-Off |
| | 20W - 2290lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 45° | Grey | |
| | | | | 60° | Ral | |
| | | | | | | |















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

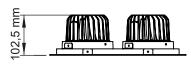
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Recessed

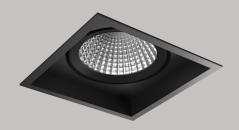
mm 325 mm

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21264 | 60W - 6870Im | 80 | 2700 | 15° | White | On-Off |
| | 40W - 4580Im | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 45° | Grey | |
| | | | | 60° | Ral | |
| | | | | | | |



Recessed





Recessed fully adjustable gimbal spotlight complete with LED module, reflector and driver













Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

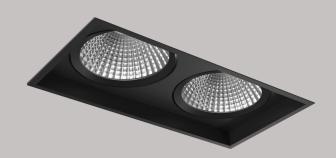
Installation

Recessed

Ø 85 mm 140 mm

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21265 | 20W - 2290lm | 80 | 2700 | 15° | White | On-Off |
| | 15W - 1717lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 45° | Grey | |
| | | | | | Ral | |
| | | | | | | |















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing

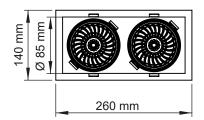


Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Recessed



| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21266 | 40W - 4580Im | 80 | 2700 | 15° | White | On-Off |
| | 30W - 3434lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 45° | Grey | |
| | | | | | Ral | |
| | | | | | | |

Recessed





Recessed fully adjustable gimbal spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

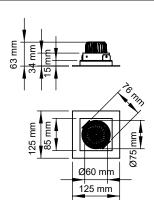
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

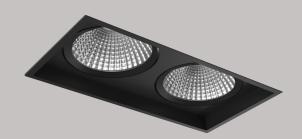
Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21267 | 10W - 1145lm | 80 | 2700 | 15° | White | On-Off |
| | 8W - 916lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | | Grey | |
| | | | | | Ral | |
| | | | | | | |

Kazan Micro V2 - 21268

Recessed





Recessed fully adjustable gimbal spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

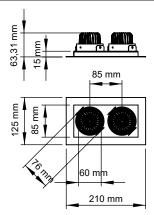
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21268 | 20W - 2290lm | 80 | 2700 | 15° | White | On-Off |
| | 15W - 1832lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | | Grey | |
| | | | | | Ral | |
| | | | | | | |

ECHO

















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

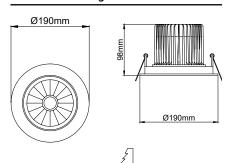
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing



Ø170mm

Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21248 | 35W - 4007lm | 80 | 2700 | 10° | White | On-Off |
| | 30W - 3435lm | 90 | 3000 | 20° | Black | Dali |
| | | | 4000 | 30° | Grey | |
| | | | | 40° | Ral | |
| | | | | 60° | | |















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

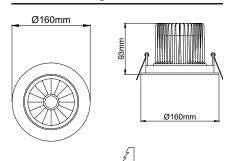
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Ø145mm

Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21246 | 30W - 3435lm | 80 | 2700 | 10° | White | On-Off |
| | 20W - 2290Im | 90 | 3000 | 20° | Black | Dali |
| | | | 4000 | 30° | Grey | |
| | | | | 40° | Ral | |
| | | | | 60° | | |

















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

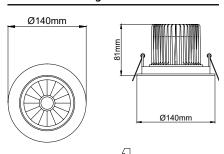
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Ø120mm

Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Recessed

Power - Lumen* CRI Color Control Code Kelvin **Beam Angle** 20W - 2290lm 21244 80 2700 10° White On-Off 15W - 1717lm 90 3000 20° Black Dali 4000 30° Grey 40° Ral















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

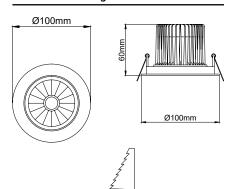
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing



Ø80mm

Warranty

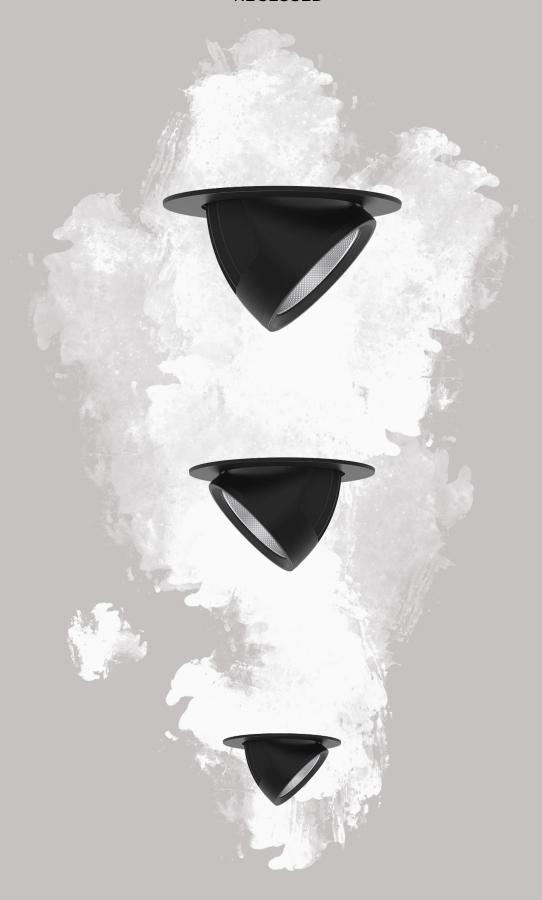
All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21242 | 10W - 1145lm | 80 | 2700 | 15° | White | On-Off |
| | 8W - 916lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | | Grey | |
| | | | | | Ral | |

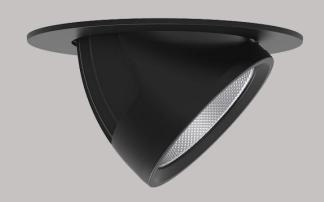
DREAKER



Dreaker Maxi - 21224

Recessed





Semi-recessed fully adjustable spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

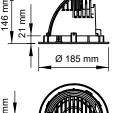
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz
Mains voltage: 220 - 240 V
Led: L80/B50 ≥ 50.000 Hours
Driver: Constant Current Output F

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21224 | 35W - 4007lm | 80 | 2700 | 15° | White | On-Off |
| | 30W - 3434lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 45° | Grey | |
| | | | | 60° | Ral | |
| | | | | | | |















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

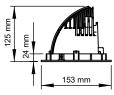
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 HzMains voltage : 220 - 240 VLed: $L80/B50 \ge 50.000 \text{ Hours}$

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21222 | 30W - 3434lm | 80 | 2700 | 15° | White | On-Off |
| | 20W - 2290lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 45° | Grey | |
| | | | | 60° | Ral | |
| | | | | | | |

Dreaker Micro - 21221

Recessed





Semi-recessed fully adjustable spotlight complete with LED module, reflector and driver













Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

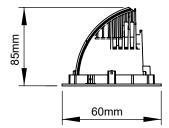
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21222 | 10W - 1145lm | 80 | 2700 | 15° | White | On-Off |
| | 8W - 916lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | | Grey | |
| | | | | | Ral | |
| | | | | | | |

TOMA



Toma Maxi - 21276

Recessed





Semi-recessed fully adjustable spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

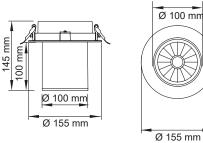
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21276 | 35W - 3815lm | 80 | 2700 | 15° | White | On-Off |
| | 30W - 3270lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 45° | Grey | |
| | | | | 60° | Ral | |
| | | | | | | |















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

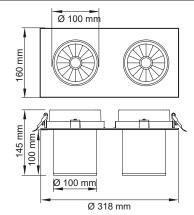
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21275 | 70W - 7630lm | 80 | 2700 | 15° | White | On-Off |
| | 60W - 6540lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 45° | Grey | |
| | | | | 60° | Ral | |
| | | | | | | |







Semi-recessed fully adjustable spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

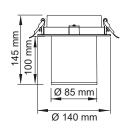
As standard; White, Black and Grey Special RAL colours available on request

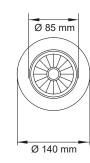
Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21274 | 20W - 2180lm | 80 | 2700 | 15° | White | On-Off |
| | 15W - 1635lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 45° | Grey | |
| | | | | | Ral | |
| | | | | | | |

Toma Midi V2 - 21273

Recessed





Semi-recessed fully adjustable spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

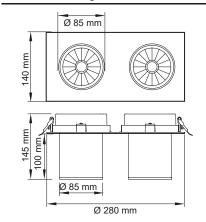
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21273 | 40W - 4360lm | 80 | 2700 | 15° | White | On-Off |
| | 30W - 3270Im | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 45° | Grey | |
| | | | | | Ral | |
| | | | | | | |

Recessed





Semi-recessed fully adjustable spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

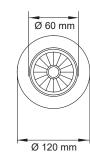
Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21272 | 10W - 1090lm | 80 | 2700 | 15° | White | On-Off |
| | 8W - 872Im | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | | Grey | |
| | | | | | Ral | |
| | | | | | | |

Toma Mini V2 - 21271

Recessed





Semi-recessed fully adjustable spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

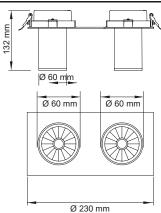
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21271 | 20W - 2180lm | 80 | 2700 | 15° | White | On-Off |
| | 15W - 1635lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | | Grey | |
| | | | | | Ral | |
| | | | | | | |

KUAL

RECESSED

















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

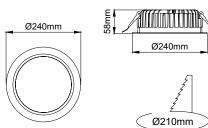
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21198 | 30W - 3324lm | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

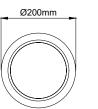
As standard; White, Black and Grey Special RAL colours available on request

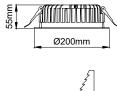
Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Ø180mm

Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21196 | 25W - 2770lm | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

*Calculated with CRI80 - 4000K

224















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

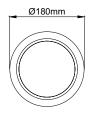
As standard; White, Black and Grey Special RAL colours available on request

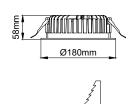
Operating Conditions

Mains frequency: 50/60 Hz
Mains voltage: 220 - 240 V
Led: L80/B50 ≥ 50.000 Hours
Driver: Constant Current Output

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing





Ø160mm

Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21195 | 20W - 2216lm | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

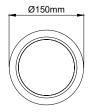
As standard; White, Black and Grey Special RAL colours available on request

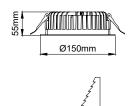
Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Ø130mm

Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21194 | 15W - 1662lm | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |















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Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

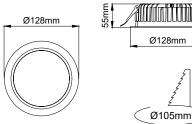
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21193 | 10W - 1108Im | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

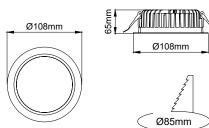
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

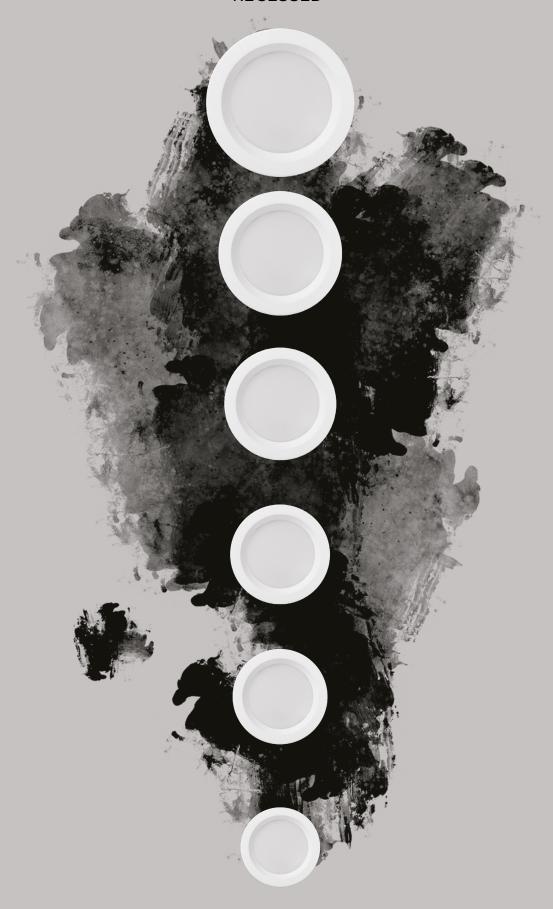
Installation

Recessed

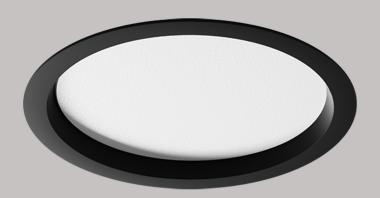
| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21192 | 8W - 886lm | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

HERA

RECESSED

















Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

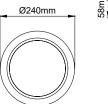
Colors

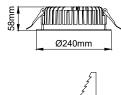
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Ø210mm

Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

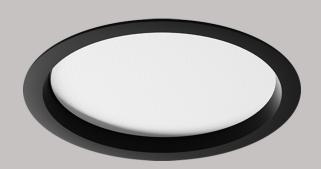
Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21208 | 30W - 3189lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Recessed





Recessed fixed downlight complete with LED module, diffuser and driver











Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

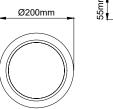
Colors

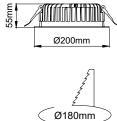
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

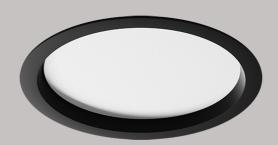
Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21206 | 25W - 2657lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

*Calculated with CRI80 - 4000K

232















Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

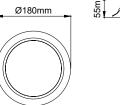
Colors

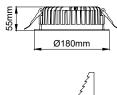
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing





Ø160mm

Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21205 | 20W - 2126lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

















Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

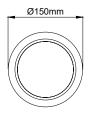
Colors

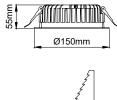
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing





Ø130mm

Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21204 | 15W - 1594lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |















Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

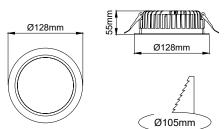
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21203 | 10W - 1063lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |















Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

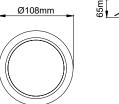
Colors

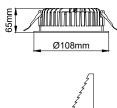
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}/+40C^{\circ}$

Technical Drawing





Ø90mm

Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21202 | 8W - 850lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

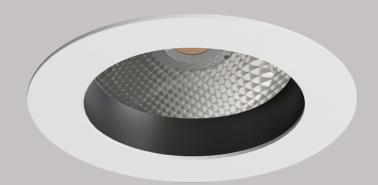
KALE

RECESSED



Recessed





Recessed fixed spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

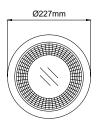
Colors

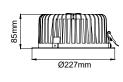
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Ø210mm

Warranty

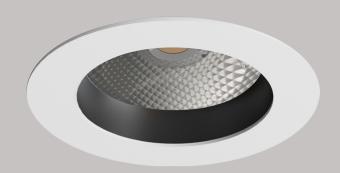
All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21298 | 25W - 2770lm | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

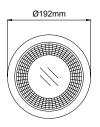
Colors

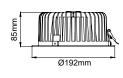
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Ø175mm

Warranty

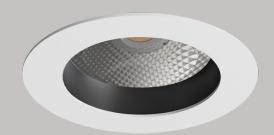
All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21296 | 20W - 2216lm | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

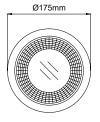
Colors

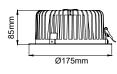
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Ø160mm

Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

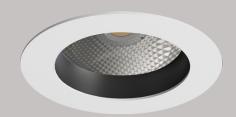
Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21295 | 15W - 1662Im | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

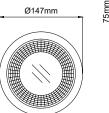
Colors

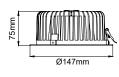
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing





Ø130mm

Warranty

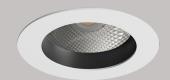
All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21294 | 12W - 1330lm | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

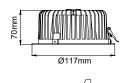
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Ø105mm

Warranty

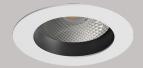
All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21293 | 10W - 1108lm | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |















Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

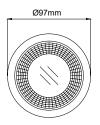
Colors

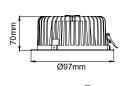
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing





Ø85mm

Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

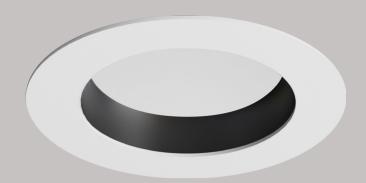
| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21292 | 8W - 886lm | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

HALA

RECESSED

















Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

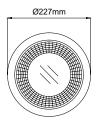
Colors

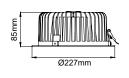
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing





Ø210mm

Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21308 | 25W - 2658lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |















Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

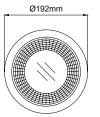
Colors

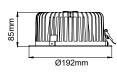
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing





Ø175mm

Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21306 | 20W - 2126lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |















Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

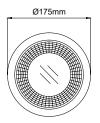
Colors

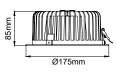
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing





Ø160mm

Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21305 | 15W - 1595lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |



















Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

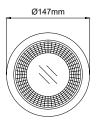
Colors

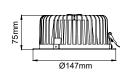
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing





Ø130mm

Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21304 | 12W - 1276lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |















Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

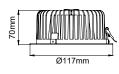
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Ø105mm

Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21303 | 10W - 1063lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |





Recessed fixed downlight complete with LED module, diffuser and driver











Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

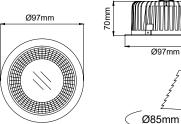
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

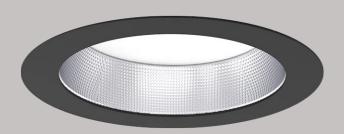
Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21302 | 8W - 850lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

GALAR







Recessed fixed downlight complete with LED module, reflector, diffuser and driver













Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

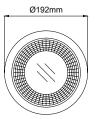
Colors

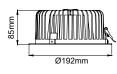
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Ø175mm

Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

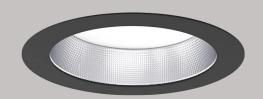
Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21216 | 20W - 2126lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |







Recessed fixed downlight complete with LED module, reflector, diffuser and driver











Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

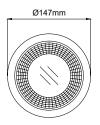
Colors

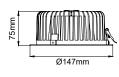
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20 $^{\circ}$ /+40 $^{\circ}$

Technical Drawing





Ø130mm

Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21214 | 12W - 1276lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

TRIMNO



Trimno A Maxi - 21179

Recessed





Recessed adjustable trimless spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K

Beam Angle

High efficient optic with narrow, medium and wide

Colors

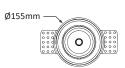
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

125mm



| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21179 | 32W - 3606lm | 80 | 2700 | 20° | White | On-Off |
| | 28W - 3155lm | 90 | 3000 | 30° | Black | Dali |
| | 24W - 2704lm | | 4000 | 40° | Grey | |
| | | | | | Ral | |









Recessed adjustable trimless spotlight complete with LED module, reflector and driver











LED

Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K

Beam Angle

High efficient optic with narrow, medium and wide

Colors

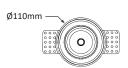
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90

Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

125mm



| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21178 | 20W - 2253lm | 80 | 2700 | 20° | White | On-Off |
| | 15W - 1690lm | 90 | 3000 | 30° | Black | Dali |
| | 10W - 1126lm | | 4000 | 40° | Grey | |
| | | | | | Ral | |

*Calculated with CRI80 - 4000K

262





Recessed adjustable trimless spotlight complete with LED module, reflector and driver











Housing & reflector made of aluminium

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K

Beam Angle

High efficient optic with narrow, medium and wide

Colors

Materials

As standard; White, Black and Grey Special RAL colours available on request

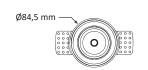
Operating Conditions

Light Source

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90

Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

31 mm

135 mm



| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21177 | 15W - 1588lm | 80 | 2700 | 20° | White | On-Off |
| | 10W - 1059lm | 90 | 3000 | 30° | Black | Dali |
| | 8W - 847lm | | 4000 | 40° | Grey | |
| | | | | 60° | Ral | |



Trimno F Mini - 21173

Recessed





Recessed fixed trimless spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K

Beam Angle

High efficient optic with narrow, medium and wide

Colors

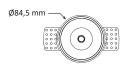
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21173 | 15W - 1526lm | 80 | 2700 | 20° | White | On-Off |
| | 10W - 981lm | 90 | 3000 | 30° | Black | Dali |
| | 7W - 763lm | | 4000 | 40° | Grey | |
| | | | | 60° | Ral | |

*Calculated with CRI80 - 4000K

Ø86,5mm

FLAR







Recessed fixed downlight complete with LED module, lens and driver











Materials

Housing made of aluminium, antiglare mask and lens made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

High efficient optic with medium distribution

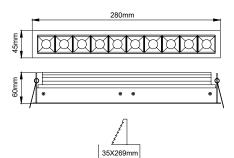
Colors

As standard; White, Black and Grey Special RAL colours available on request Different color options for antiglare mask available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21188 | 20W - 2140lm | 80 | 3000 | 36° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |







Recessed fixed downlight complete with LED module, lens and driver











Materials

Housing made of aluminium, antiglare mask and lens made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

High efficient optic with medium distribution

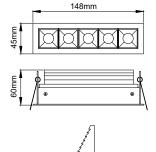
Colors

As standard; White, Black and Grey Special RAL colours available on request Different color options for antiglare mask available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



35X135mm

Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21186 | 10W - 1070lm | 80 | 3000 | 36° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |





Recessed fixed downlight complete with LED module, lens and driver











Materials

Housing made of aluminium, antiglare mask and lens made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

High efficient optic with medium distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request Different color options for antiglare mask available on request

Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

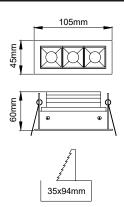
Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Installation

Recessed

Technical Drawing



| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21184 | 6W - 642lm | 80 | 3000 | 36° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |







Recessed fixed downlight complete with LED module, lens and driver











Materials

Housing made of aluminium, antiglare mask and lens made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

High efficient optic with medium distribution

Colors

Warranty

As standard; White, Black and Grey Special RAL colours available on request Different color options for antiglare mask available on request

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Installation

Recessed

Technical Drawing







| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21182 | 4W - 428lm | 80 | 3000 | 36° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |





Recessed fixed downlight complete with LED module, lens and driver











Materials

Housing made of aluminium, antiglare mask and lens made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

High efficient optic with medium distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request Different color options for antiglare mask available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing







Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21180 | 2W - 214lm | 80 | 3000 | 36° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

NOKTA







Recessed adjustable round shape spotlight complete with LED module, reflector and driver











LED

Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

High efficient optic with narrow, medium and wide distribution

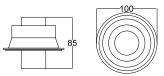
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed



| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21158 | 10W - 1068lm | 80 | 3000 | 15° | White | On-Off |
| | 8W - 855lm | | 4000 | 24° | Black | Dali |
| | | | | 36° | Grey | |
| | | | | | Ral | |







Recessed adjustable square shape spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

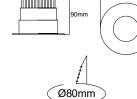
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21159 | 10W - 1068lm | 80 | 3000 | 15° | White | On-Off |
| | 8W - 855lm | | 4000 | 24° | Black | Dali |
| | | | | 36° | Grey | |
| | | | | | Ral | |

LAZAR







Recessed adjustable round shape spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

High efficient optic with medium distribution

Colors

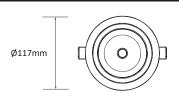
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

Operating Temperature (Ta): -20C° / +40C°

Technical Drawing

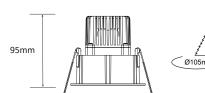


Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed



| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21153 | 10W - 1068lm | 80 | 3000 | 36° | White | On-Off |
| | 8W - 855lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |







Recessed adjustable square shape spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

High efficient optic with medium distribution

Colors

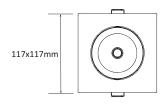
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing

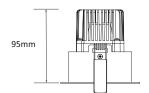


Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

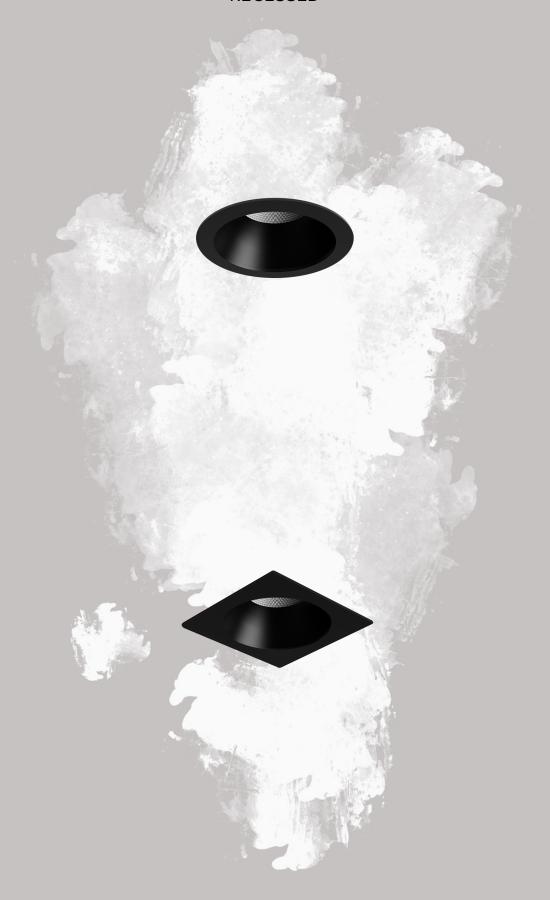
Recessed





| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21154 | 10W - 1068lm | 80 | 3000 | 36° | White | On-Off |
| | 8W - 855lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

TAMPA







Recessed fixed spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

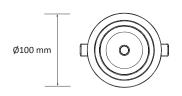
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing

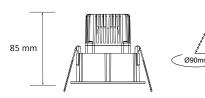


Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

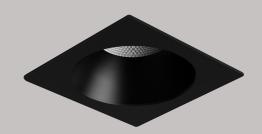
Recessed



| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21164 | 10W - 1068lm | 80 | 3000 | 36° | White | On-Off |
| | 8W - 855lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |







Recessed fixed spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

High efficient optic with narrow, medium and wide

Colors

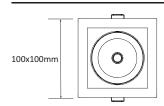
As standard; White, Black and Grey Special RAL colours available on request

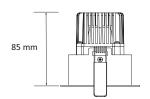
Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing







Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21166 | 10W - 1068lm | 80 | 3000 | 36° | White | On-Off |
| | 8W - 855lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

GOLAT







Recessed fixed round shape spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

High efficient optic with medium distribution

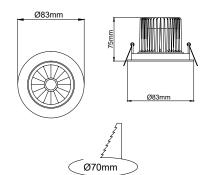
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21155 | 10W - 1068lm | 80 | 3000 | 36° | White | On-Off |
| | 8W - 855lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |





Recessed fixed square shape spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

High efficient optic with medium distribution

Colors

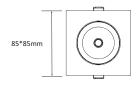
As standard; White, Black and Grey Special RAL colours available on request

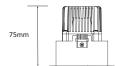
Operating Conditions

Mains frequency: 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing







Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21156 | 10W - 1068lm | 80 | 3000 | 36° | White | On-Off |
| | 8W - 855lm | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Recessed





Recessed fixed round shape spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

High efficient optic with narrow distribution

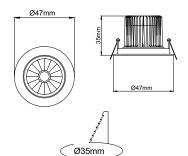
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20 $^{\circ}$ / +40 $^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Recessed

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 21157 | 2W - 211lm | 80 | 3000 | 20° | White | On-Off |
| | | | 4000 | | Black | |
| | | | | | Grey | |
| | | | | | Ral | |



292 HANT

300 KUAL SURFACE

308 HERA SURFACE

316 KALE SURFACE

324 HALA SURFACE

332 GALAR SURFACE

336 FLAR SURFACE

340 STEL

HANT

SURFACE / PENDANT



Hant Maxi - 33147

Surface / Pendant





Surface / Pendant mounted spotlight complete with LED module, reflector and driver













Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

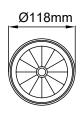
As standard; White, Black and Grey Special RAL colours available on request

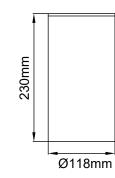
Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33147 | 35W - 3842Im | 80 | 2700 | 15° | White | On-Off |
| | 30W - 3293Im | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 45° | Grey | |
| | | | | 60° | Ral | |



Hant Midi - 33145

Surface / Pendant





Surface / Pendant mounted spotlight complete with LED module, reflector and driver













Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

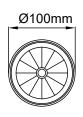
As standard; White, Black and Grey Special RAL colours available on request

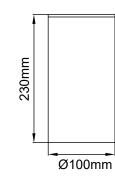
Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33145 | 30W - 3293Im | 80 | 2700 | 15° | White | On-Off |
| | 20W - 2195lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 45° | Grey | |
| | | | | 60° | Ral | |



Hant Mini - 33143

Surface / Pendant





Surface / Pendant mounted spotlight complete with LED module, reflector and driver











LED

Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and CRI90 in 2700, 3000 and 4000K Special solutions for meat, fish and bakery available on request

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

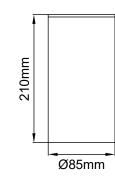
Operating Conditions

Mains frequency : 50/60 Hz
Mains voltage : 220 - 240 V
Led: L80/B50 ≥ 50.000 Hours
Driver: Constant Current Output F

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33143 | 20W - 2195lm | 80 | 2700 | 15° | White | On-Off |
| | 15W - 1646lm | 90 | 3000 | 30° | Black | Dali |
| | | | 4000 | 45° | Grey | |
| | | | | | Ral | |







Surface / Pendant mounted spotlight complete with LED module, reflector and driver













Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 2700, 3000 and 4000K

Beam Angle

High efficient optic with narrow and medium distribution

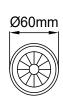
Colors

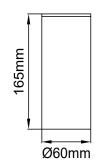
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Surface / Pendant

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33141 | 10W - 1097lm | 80 | 2700 | 15° | White | On-Off |
| | 8W - 878lm | | 3000 | 30° | Black | Dali |
| | | | 4000 | | Grey | |
| | | | | | Ral | |

KUAL SURFACE

SURFACE



Kual Surface V8 - 33198

Surface





Surface mounted fixed spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20 $^{\circ}$ /+40 $^{\circ}$

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33198 | 30W - 3324lm | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Kual Surface V6 - 33196

Surface





Surface mounted fixed spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

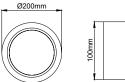
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33196 | 25W - 2770Im | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

*Calculated with CRI80 - 4000K

302

Kual Surface V5 - 33195

Surface





Surface mounted fixed spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33195 | 20W - 2216lm | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |



Kual Surface V4 - 33194

Surface





Surface mounted fixed spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20 $^{\circ}$ /+40 $^{\circ}$

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33194 | 15W - 1662lm | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Kual Surface V3 - 33193

Surface





Surface mounted fixed spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33193 | 10W - 1108Im | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

*Calculated with CRI80 - 4000K

306

Kual Surface V2 - 33192

Surface





Surface mounted fixed spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request **Operating Conditions**

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing

n

Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

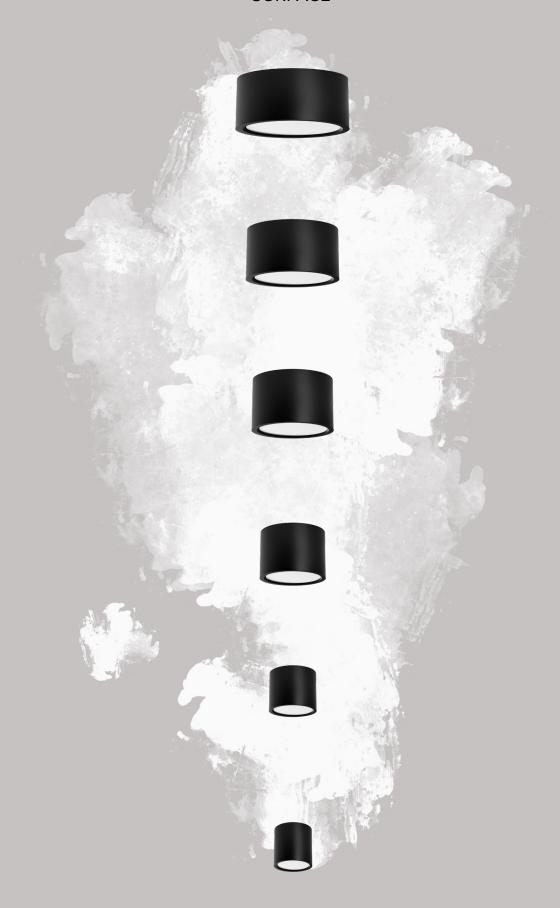
Ø110mm



| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33192 | 8W - 886lm | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

HERA SURFACE

SURFACE



Hera Surface V8 - 33208

Surface





Surface mounted fixed downlight complete with LED module, diffuser and driver











LED

Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

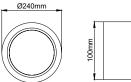
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20 $^{\circ}$ /+40 $^{\circ}$

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33208 | 30W - 3189lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Hera Surface V6 - 33206

Surface





Surface mounted fixed downlight complete with LED module, diffuser and driver













Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

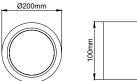
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33206 | 25W - 2657lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

*Calculated with CRI80 - 4000K

310

Hera Surface V5 - 33205

Surface





Surface mounted fixed downlight complete with LED module, diffuser and driver











Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20 $^{\circ}$ /+40 $^{\circ}$

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33205 | 20W - 2126lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |



Hera Surface V4 - 33204

Surface





Surface mounted fixed downlight complete with LED module, diffuser and driver











Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20 $^{\circ}$ /+40 $^{\circ}$

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33204 | 15W - 1594lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Hera Surface V3 - 33203

Surface





Surface mounted fixed downlight complete with LED module, diffuser and driver











Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33203 | 10W - 1063lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Hera Surface V2 - 33202

Surface





Surface mounted fixed downlight complete with LED module, diffuser and driver













Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33202 | 8W - 850lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

KALE SURFACE

SURFACE



Kale Surface V8 - 33298

Surface





Surface mounted fixed spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33298 | 25W - 2770Im | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Kale Surface V6 - 33296

Surface





Surface mounted fixed spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

Warranty

limited guarantee

installation of the product

As standard; White, Black and Grey Special RAL colours available on request

All components are provided with 5 year

A qualified electrician must ensure proper

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Installation

Surface

Technical Drawing





| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33296 | 20W - 2216lm | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Kale Surface V5 - 33295

Surface





Surface mounted fixed spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request **Operating Conditions**

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33295 | 15W - 1662lm | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |



Kale Surface V4 - 33294

Surface





Surface mounted fixed spotlight complete with LED module, reflector and driver











LED

Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Ø150mm



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33294 | 12W - 1330lm | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

*Calculated with CRI80 - 4000K

321

Kale Surface V3 - 33293

Surface





Surface mounted fixed spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33293 | 10W - 1108Im | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

*Calculated with CRI80 - 4000K

322

Kale Surface V2 - 33292

Surface





Surface mounted fixed spotlight complete with LED module, reflector and driver













Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request **Operating Conditions**

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: $L80/B50 \ge 50.000$ Hours

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing

Ø100mm



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33292 | 8W - 886lm | 80 | 3000 | 60° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

HALA SURFACE

SURFACE



Hala Surface V8 - 33308

Surface





Surface mounted fixed downlight complete with LED module, diffuser and driver











LED

Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33308 | 25W - 2658lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Hala Surface V6 - 33306

Surface





Surface mounted fixed downlight complete with LED module, diffuser and driver











Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33306 | 20W - 2126lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Hala Surface V5 - 33305

Surface





Surface mounted fixed downlight complete with LED module, diffuser and driver













Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33305 | 15W - 1595lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |



Hala Surface V4 - 33304

Surface





Surface mounted fixed downlight complete with LED module, diffuser and driver













Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

Warranty

limited guarantee

installation of the product

As standard; White, Black and Grey Special RAL colours available on request

All components are provided with 5 year

A qualified electrician must ensure proper

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Installation

Surface

Technical Drawing





| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33304 | 12W - 1276lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Hala Surface V3 - 33303

Surface





Surface mounted fixed downlight complete with LED module, diffuser and driver











LED

Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

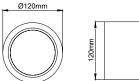
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33303 | 10W - 1063lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

Hala Surface V2 - 33302

Surface





Surface mounted fixed downlight complete with LED module, diffuser and driver











Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33302 | 8W - 850lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

GALAR SURFACE

SURFACE



Galar Surface V6 - 33216

Surface





Surface mounted fixed downlight complete with LED module, reflector, diffuser and driver













Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33216 | 20W - 2126lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |



Galar Surface V4 - 33214

Surface





Surface mounted fixed downlight complete with LED module, reflector, diffuser and driver











Materials

Housing made of aluminium, diffuser made from PMMA

Light Source

As standard; CRI80 in 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20 $^{\circ}$ /+40 $^{\circ}$

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

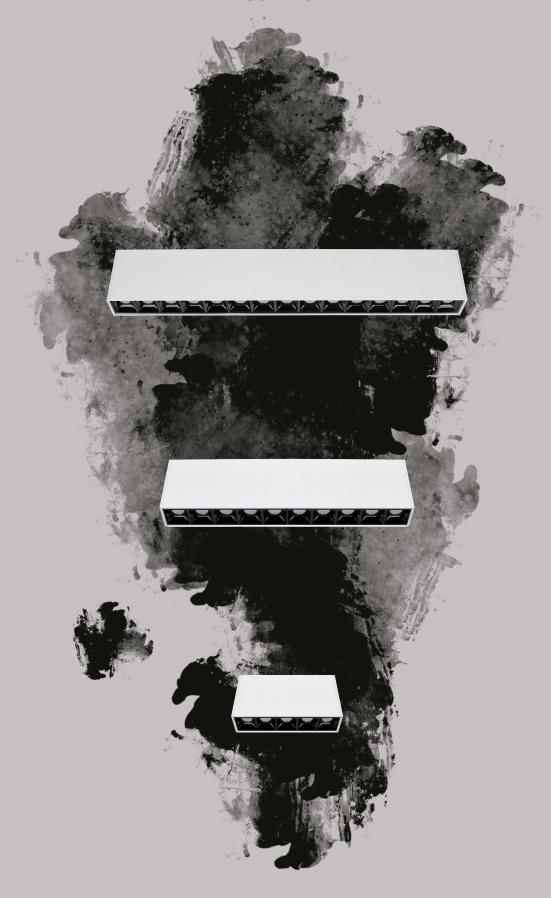
Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33214 | 12W - 1276lm | 80 | 3000 | 100° | White | On-Off |
| | | | 4000 | | Black | Dali |
| | | | | | Grey | |
| | | | | | Ral | |

FLAR SURFACE

SURFACE



Flar Surface V15 - 33189

Surface





Surface mounted fixed downlight complete with LED module, lens and driver













Materials

Housing made of aluminium, antiglare mask and lens made from PMMA

Light Source

As standard; CRI80 in 2700, 3000 and 4000K

Beam Angle

High efficient optic with medium distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

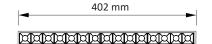
Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33189 | 30W - 3210lm | 80 | 2700 | 36° | White | On-Off |
| | | | 3000 | | Black | Dali |
| | | | 4000 | | Grey | |
| | | | | | Ral | |

Flar Surface V10 - 33188

Surface





Surface mounted fixed downlight complete with LED module, lens and driver











Materials

Housing made of aluminium, antiglare mask and lens made from PMMA

Light Source

As standard; CRI80 in 2700, 3000 and 4000K

Beam Angle

High efficient optic with medium distribution

Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33188 | 20W - 2140lm | 80 | 2700 | 36° | White | On-Off |
| | | | 3000 | | Black | Dali |
| | | | 4000 | | Grey | |
| | | | | | Ral | |

Flar Surface V5 - 33186

Surface





Surface mounted fixed downlight complete with LED module, lens and driver











Materials

Housing made of aluminium, antiglare mask and lens made from PMMA

Light Source

As standard; CRI80 in 2700, 3000 and 4000K

Beam Angle

High efficient optic with medium distribution

Colors

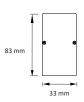
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours

Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee A qualified electrician must ensure proper installation of the product

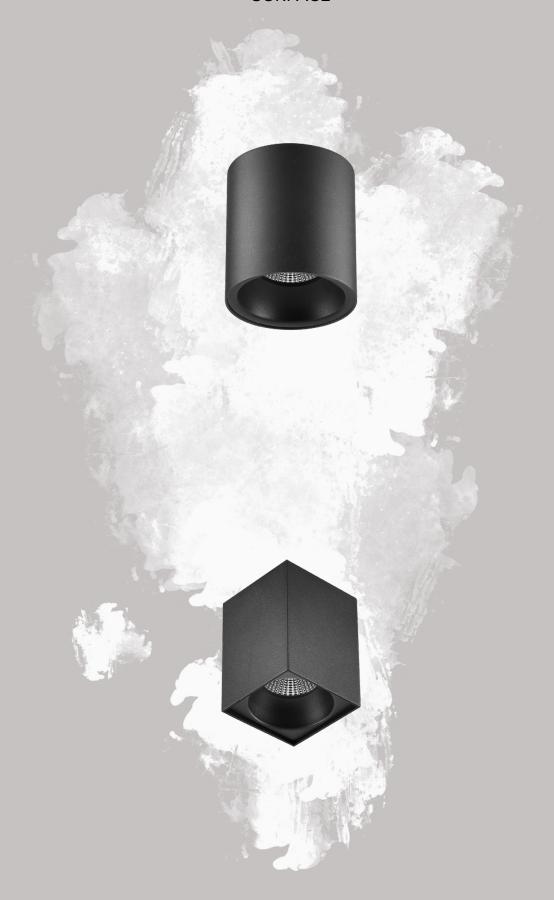
Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33186 | 10W - 1070lm | 80 | 2700 | 36° | White | On-Off |
| | | | 3000 | | Black | Dali |
| | | | 4000 | | Grey | |
| | | | | | Ral | |

STEL

SURFACE







Surface mounted spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 in 2700, 3000 and 4000K

Beam Angle

High efficient optic with narrow, medium and wide distribution

Colors

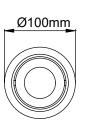
As standard; White, Black and Grey Special RAL colours available on request

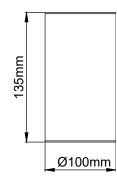
Operating Conditions

Mains frequency: 50/60 Hz Mains voltage: 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output F

Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C $^{\circ}$ / +40C $^{\circ}$

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33156 | 10W - 1097lm | 80 | 2700 | 15° | White | On-Off |
| | 8W - 878lm | | 3000 | 30° | Black | Dali |
| | | | 4000 | | Grey | |
| | | | | | Ral | |







Surface mounted spotlight complete with LED module, reflector and driver











Materials

Housing & reflector made of aluminium

Light Source

As standard; CRI80 and in 2700, 3000 and 4000K

Beam Angle

High efficient optic with narrow, medium and wide distribution

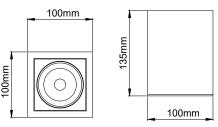
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing



Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Surface

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 33154 | 10W - 1097lm | 80 | 2700 | 15° | White | On-Off |
| | 8W - 878lm | | 3000 | 30° | Black | Dali |
| | | | 4000 | | Grey | |
| | | | | | Ral | |



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TOME

WALL







Wall mounted luminaire complete with LED module and driver











Materials

Housing made of aluminium

Light Source

As standard; CRI80 in 2700, 3000 and 4000K

Beam Angle

High efficient optic with medium and wide distribution

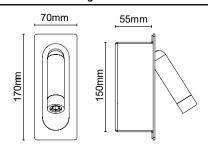
Colors

As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90 Operating Temperature (Ta): $-20C^{\circ}$ / $+40C^{\circ}$

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Wall

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 35107 | 2W - 250lm | 80 | 2700 | 30° | White | On-Off |
| | 1W - 140lm | | 3000 | 40° | Black | |
| | | | 4000 | | Grey | |
| | | | | | Ral | |

BATT

WALL







Wall mounted luminaire complete with LED module and driver











Materials

Extruted opal policarbonate body

Light Source

As standard; CRI80 in 2700, 3000 and 4000K

Beam Angle

Wide flood distribution

Colors

Warranty

limited guarantee

installation of the product

As standard; White, Black and Grey Special RAL colours available on request

All components are provided with 5 year

A qualified electrician must ensure proper

Operating Conditions

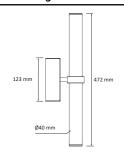
Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 ≥ 50.000 Hours Driver: Constant Current Output Pf ≥ 0.90

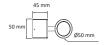
Operating Temperature (Ta): -20C° / +40C°

Installation

Wall

Technical Drawing

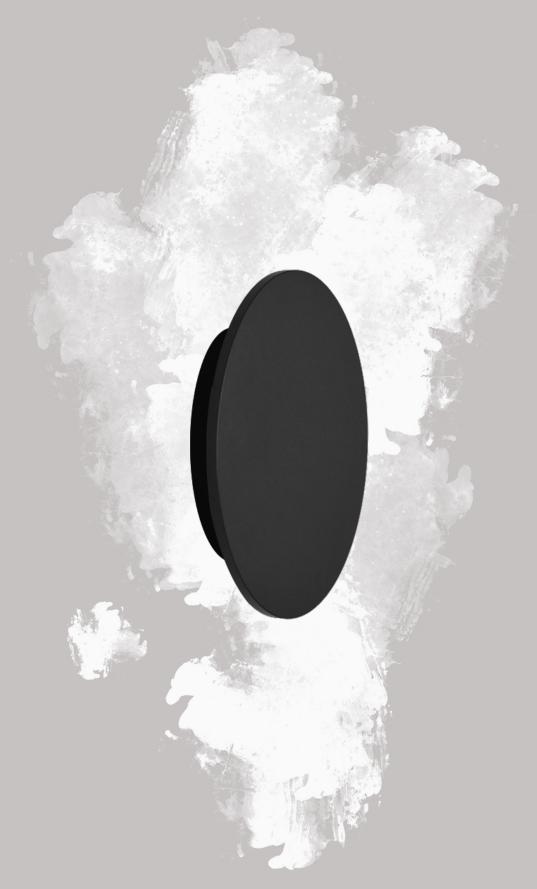




| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 35103 | 7W - 620lm | 80 | 2700 | 160° | White | On-Off |
| | | | 3000 | | Black | |
| | | | 4000 | | Grey | |
| | | | | | | |

MORE

WALL







Wall mounted luminaire complete with LED module and driver











Materials

Extruted opal policarbonate body

Light Source

As standard; CRI80 in 2700, 3000 and 4000K

Beam Angle

Wide flood distribution

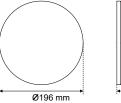
Colors

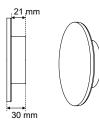
As standard; White, Black and Grey Special RAL colours available on request

Operating Conditions

Mains frequency : 50/60 Hz Mains voltage : 220 - 240 V Led: L80/B50 \geq 50.000 Hours Driver: Constant Current Output Pf \geq 0.90 Operating Temperature (Ta): -20C° / +40C°

Technical Drawing





Warranty

All components are provided with 5 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

Wall

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 35109 | 7W - 613Im | 80 | 2700 | 110° | White | On-Off |
| | | | 3000 | | Black | |
| | | | 4000 | | Grey | |
| | | | | | | |



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358 ABAKA

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DEKA

48V MAGNETIC



Deka Maxi - 10518

48V Magnetic





Deka family of spots are ready for the perfect solution to your lighting needs with different power and different dimensions.



Materials

Housing made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 in 3000K

Beam Angle

High efficient optic with medium distribution

Colors

Warranty

limited guarantee

installation of the product

As standard; Black Special RAL colours available on request

All components are provided with 3 year

A qualified electrician must ensure proper

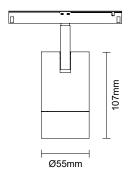
Operating Conditions

Designed with best possible shape to provide optimal heat dissipation both on LED and Driver to ensure long lifetime

Installation

48V Low Voltage Track

Technical Drawing



| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10518 | 10W - 925lm | 80 | 3000 | 30° | Black | On-Off |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Deka Midi - 10516

48V Magnetic





Deka family of spots are ready for the perfect solution to your lighting needs with different power and different dimensions.











Materials

Housing made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 in 3000K

Beam Angle

High efficient optic with medium distribution

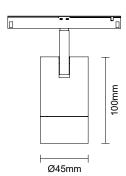
Colors

As standard; Black Special RAL colours available on request

Operating Conditions

Designed with best possible shape to provide optimal heat dissipation both on LED and Driver to ensure long lifetime

Technical Drawing



Warranty

All components are provided with 3 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

48V Low Voltage Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10516 | 8W - 740lm | 80 | 3000 | 30° | Black | On-Off |
| | | | | | | |
| | | | | | | |
| | | | | | | |



ABAKA

48V MAGNETIC



Abaka Midi - 10525

48V Magnetic





Abaka family provides excellent flexibility with its movable body.











Materials

Housing made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 in 3000K

Beam Angle

High efficient optic with medium distribution

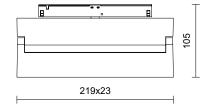
Colors

As standard; Black Special RAL colours available on request

Operating Conditions

Designed with best possible shape to provide optimal heat dissipation both on LED and Driver to ensure long lifetime

Technical Drawing



Warranty

All components are provided with 3 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

48V Low Voltage Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10525 | 12W - 1110lm | 80 | 3000 | 30° | Black | On-Off |
| | | | | | | |
| | | | | | | |

Abaka Mini - 10523

48V Magnetic





Abaka family provides excellent flexibility with its movable body.











Materials

Housing made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 in 3000K

Beam Angle

High efficient optic with medium distribution

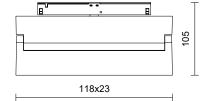
Colors

As standard; Black Special RAL colours available on request

Operating Conditions

Designed with best possible shape to provide optimal heat dissipation both on LED and Driver to ensure long lifetime

Technical Drawing



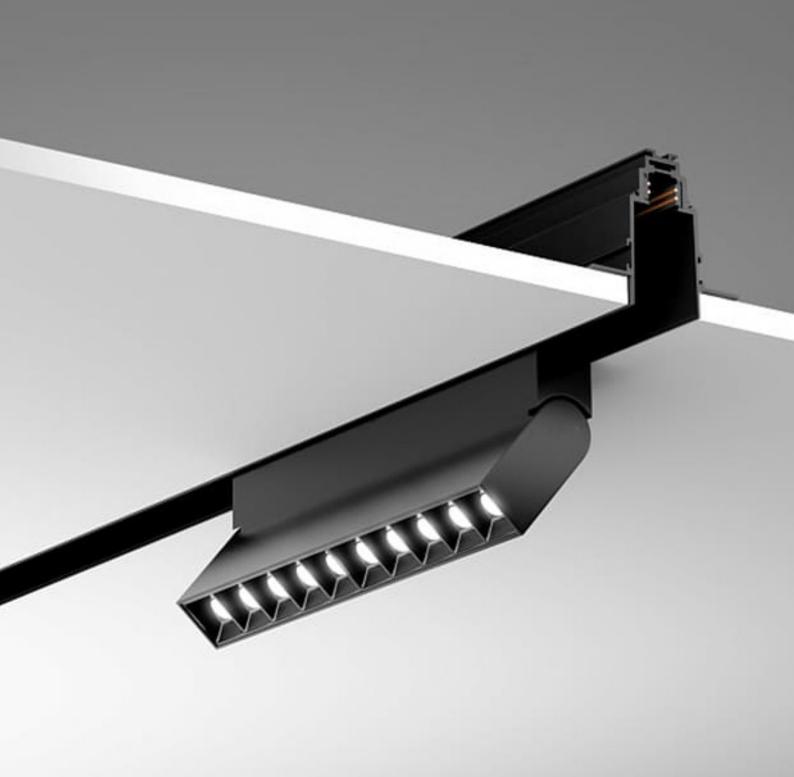
Warranty

All components are provided with 3 year limited guarantee A qualified electrician must ensure proper installation of the product

Installation

48V Low Voltage Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10523 | 6W - 555lm | 80 | 3000 | 30° | Black | On-Off |
| | | | | | | |
| | | | | | | |
| | | | | | | |



EPIT



Epit Mini - 10531

48V Magnetic





Epit family provides excellent flexibility with its movable body.









105

Materials

Housing made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 in 3000K

Beam Angle

High efficient optic with wide distribution

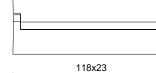
Colors

As standard; Black Special RAL colours available on request

Operating Conditions

Designed with best possible shape to provide optimal heat dissipation both on LED and Driver to ensure long lifetime

Technical Drawing



Warranty

All components are provided with 3 year limited guarantee A qualified electrician must ensure proper

installation of the product

Installation

48V Low Voltage Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10531 | 6W - 555lm | 80 | 3000 | 120° | Black | On-Off |
| | | | | | | |
| | | | | | | |
| | | | | | | |

PARKAN



Parkan Mini - 10537

48V Magnetic





Parkan family makes a difference in your workspaces with no-dazzle screen. Offers you a flexible design with different size options.



Materials

Housing made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 in 3000K

Beam Angle

High efficient optic with medium distribution

Colors

As standard; Black Special RAL colours available on request

Operating Conditions

Designed with best possible shape to provide optimal heat dissipation both on LED and Driver to ensure long lifetime

Technical Drawing



Warranty

All components are provided with 3 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

48V Low Voltage Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10537 | 12W - 1110lm | 80 | 3000 | 30° | Black | On-Off |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Parkan Micro - 10536

48V Magnetic





Parkan family makes a difference in your workspaces with no-dazzle screen. Offers you a flexible design with different size options.



Materials

Housing made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 in 3000K

Beam Angle

High efficient optic with medium distribution

Colors

As standard; Black Special RAL colours available on request

Operating Conditions

Designed with best possible shape to provide optimal heat dissipation both on LED and Driver to ensure long lifetime

Technical Drawing



Warranty

All components are provided with 3 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

48V Low Voltage Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10536 | 6W - 555lm | 80 | 3000 | 30° | Black | On-Off |
| | | | | | | |
| | | | | | | |
| | | | | | | |



KAYRO



Kayro Mini - 10544

48V Magnetic





Specially developed opal diffuser makes a difference in your spaces with its efficiency and homogeneity.



Materials

Housing made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 in 3000K

Beam Angle

High efficient optic with medium distribution

Colors

As standard; Black Special RAL colours available on request

Operating Conditions

Designed with best possible shape to provide optimal heat dissipation both on LED and Driver to ensure long lifetime

Technical Drawing



Warranty

All components are provided with 3 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

48V Low Voltage Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10544 | 12W - 1110lm | 80 | 3000 | 120° | Black | On-Off |
| | | | | | | |

Kayro Micro - 10543

48V Magnetic





Specially developed opal diffuser makes a difference in your spaces with its efficiency and homogeneity.



Materials

Housing made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 in 3000K

Beam Angle

High efficient optic with wide distribution

Colors

As standard; Black Special RAL colours available on request

Operating Conditions

Designed with best possible shape to provide optimal heat dissipation both on LED and Driver to ensure long lifetime

Technical Drawing



Warranty

All components are provided with 3 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

48V Low Voltage Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10543 | 6W - 555lm | 80 | 3000 | 120° | Black | On-Off |
| | | | | | | |
| | | | | | | |
| | | | | | | |



VERA



Vera Midi - 10552

48V Magnetic





Parkan family makes a difference in your workspaces with no-dazzle screen. Offers you a flexible design with different size options.













Materials

Housing made of aluminium, track adaptor made from thermoplastic

Light Source

As standard; CRI80 in 3000K

Beam Angle

High efficient optic with medium distribution

Colors

As standard; Black Special RAL colours available on request

Operating Conditions

Designed with best possible shape to provide optimal heat dissipation both on LED and Driver to ensure long lifetime

Technical Drawing



Warranty

All components are provided with 3 year limited guarantee
A qualified electrician must ensure proper installation of the product

Installation

48V Low Voltage Track

| Code | Power - Lumen* | CRI | Kelvin | Beam Angle | Color | Control |
|-------|----------------|-----|--------|------------|-------|---------|
| 10552 | 3W - 278lm | 80 | 3000 | 30° | Black | On-Off |
| | | | | | | |
| | | | | | | |
| | | | | | | |



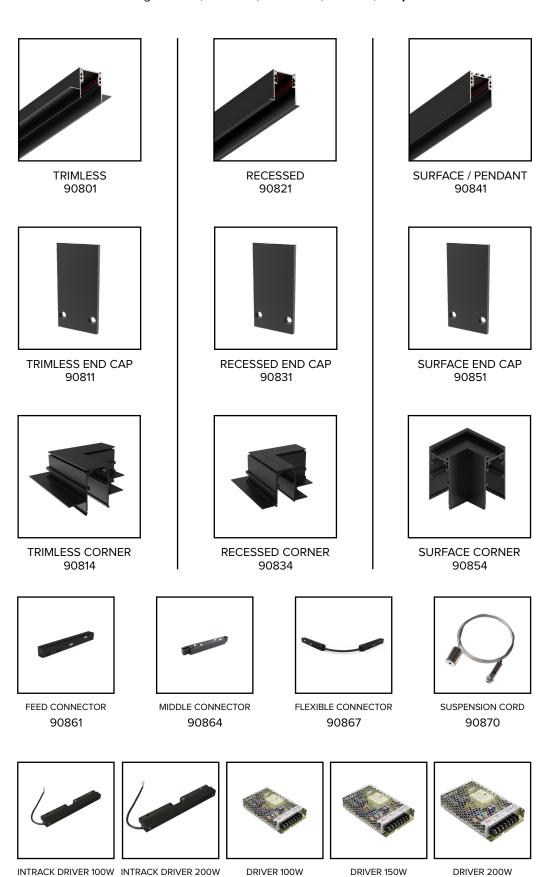
Track System 48V Magnetic

90881

90882



48V Rail mounting systems provide us with different options, allowing us to increase the usage area and produce many solutions. It offers 4 different mounting variants; Trimless, Recessed, Surface, Suspended.



90895

90896

90897







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