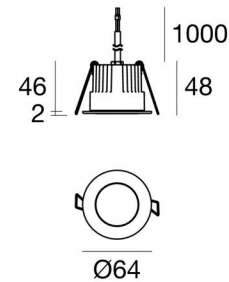




Downlights | 1 x powerLED 5 W DC 24 V | CRI 80
81226M25



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| Technical data | |
|--|------------------------|
| Type | Encasement with flange |
| Installation position | Ceiling |
| Installation environment | Outdoor |
| Light Source | LED |
| Circuit structure | powerLED |
| Optics | Elliptic Spot |
| Light emission direction | downward |
| Nominal power | 5 W DC |
| Source lumens | 490 lm |
| Input voltage range | 24 V |
| CCT / Tone | 2700 K |
| Colour rendering index | 80 Ra |
| C.C. / C.V. | CV |
| Safety class | 3 |
| IP | IP67 |
| IK | IK10 |
| Glow wire test | 850° |
| Direct mounting on normally flammable surfaces | Yes |
| CE | Yes |
| Driver included | No |
| C.V. - C.C. Converter | Converter 24V included |
| Dimmable article | DALI - 1-10V |
| Directional | No |
| Tilting | No |
| Walk-over | No |
| Drive-over | No |
| Cable included | Yes |
| Cable length | 1 m |
| Resin potting | Yes |
| Type of light emission | Single emission |
| Net weight | 0.2 Kg |
| Electrostatic discharge protection | No |
| Surge protection | No |
| Product technological characteristics | Acquastop - TVS |

Finishing casing

| | |
|------------|--------------------------------------|
| Material | Die-cast Aluminium EN AB - 46100 |
| Colour | black |
| Processing | Open pore anodizing + Powder Coating |

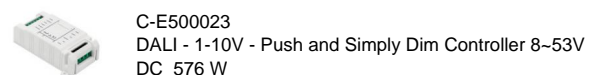
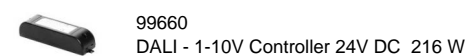
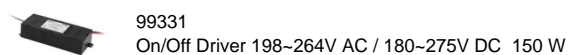
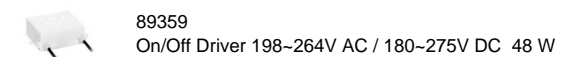
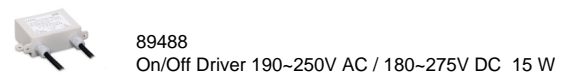
Finishing diffuser

| | |
|----------|------------------------------|
| Material | Extra clear glass - Tempered |
| Colour | transparent |

Finishing flange

| | |
|------------|-----------------|
| Material | AISI 316L steel |
| Colour | steel |
| Processing | Brushing |

Electronics



Cables Electrification with converter

| | |
|-----------------|----|
| Cable connector | No |
|-----------------|----|

Downlights | 1 x powerLED 5 W DC 24 V | CRI 80 | Base 81226M25

Single emission recessed downlights for outdoor application. The super warm white LED light source with a elliptic spot light distribution is composed of 1 powerLED LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 490 lm, with a 98.0 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered. The ingress protection degree is IP67; the total weight is of 0.2 kg.

The total absorbed power is 5 W. The power supply cable is included and features a 1 m length.

The device features protection class III and can be ceiling-mounted, with a 55 mm diameter hole (in plasterboard) with an outer casing, code 99749(for concrete or masonry).

Compliant with the EN 60598-1 standard and its specific provisions.

Energy efficiency class

This product contains a light source of energy efficiency class E.

Illuminotechnical Features

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 68 % |
| Source lumens | 490 lm |
| Delivered lumens | 335 lm |
| Consumption | 5 W |
| Luminaire efficacy | 67 lm/W |
| Colour temperature | 2700 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Colour rendering index | 80 Ra |
| Black Body Locus | On |

| | |
|--|-------------|
| Standard Operating Ambient Temperature | -20 / +50°C |
| Ordinary temperature on the glass | 40°C |

LED Life / Failure Ratio

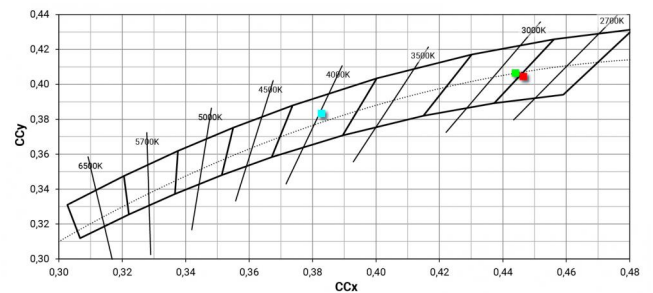
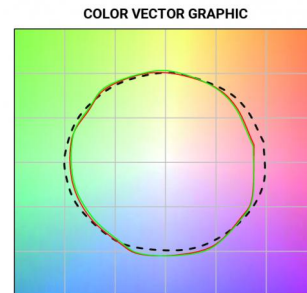
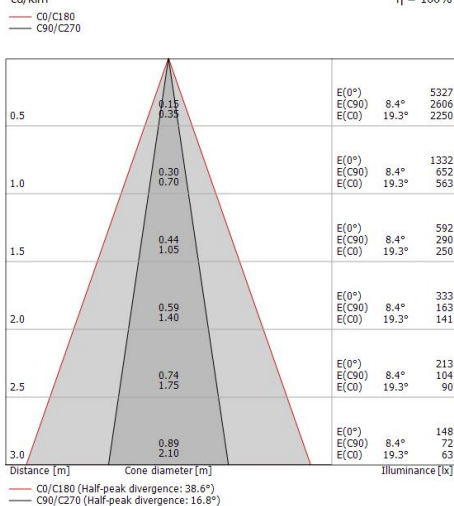
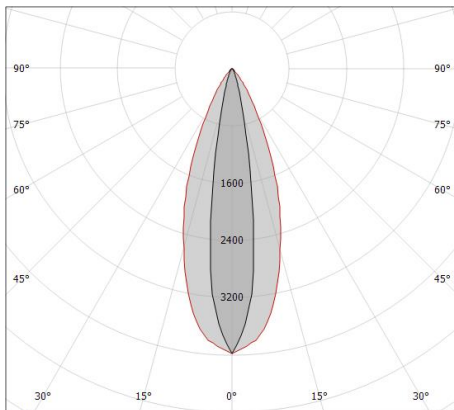
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UGR

| | |
|-------------------|----------|
| UGR axial | 11.5 |
| UGR transversal | 17.9 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|---------------------|
| C90/C270 optics | 17° |
| C0/C180 optics | 39° |
| Light distribution simmetry | Symmetrical 2 assis |





Outer casing - (to be completed with universal grill 99750)
installation position: ceiling; type of installation: masonry L=290mm, H=125mm, D=190mm

Code
99749



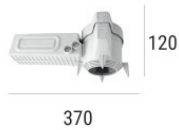
Accessories for outer casings - Universal grille for outer casing 99749

Code
99750



Outer casing
installation position: ceiling; type of installation: masonry L=200mm, H=113mm, D=137mm.
Material:polypropylene, colour:white.

Code
89373



Outer casing
installation position: ceiling; type of installation: masonry L=370mm, H=120mm, D=200mm.
Material:polypropylene, colour:white.

Code
89374