

PRODUCT DATASHEET

DL SLIM SQ 210 18 W 3000 K WT

DOWNLIGHT SLIM SQUARE | Flat downlights with integrated driver, square shape



Areas of application

- Direct replacement for luminaires with compact fluorescent lamps
- General illumination
- Public areas
- Stairways
- Corridors
- Foyers
- Shops

Product benefits

- Very slim housing
- Low installation depth
- High luminous efficacy
- Energy savings up to 60 % (compared to luminaires that use CFL lamps)
- Very homogenous light
- Functional design
- Easy installation with fast connection
- Simple installation thanks to integrated driver

Product features

- Small visible bezel
- Connector box with push wire terminal for tool-free connection



- Light guide made of non-yellowing PMMA for long lifetime

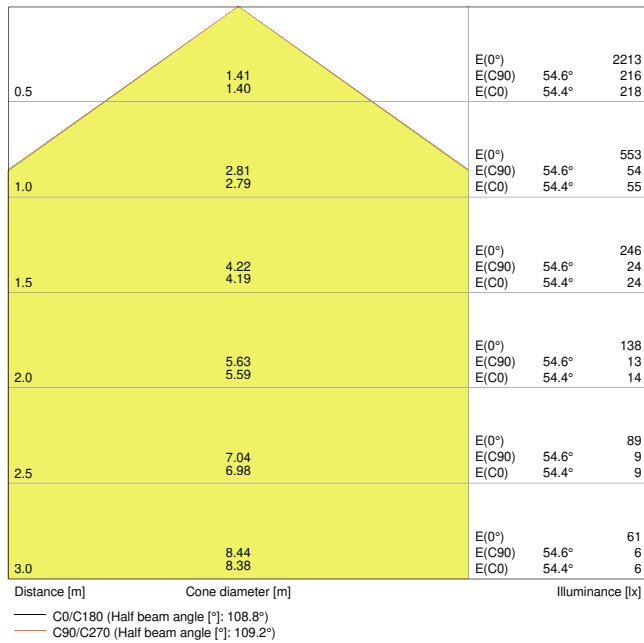
TECHNICAL DATA

Electrical data

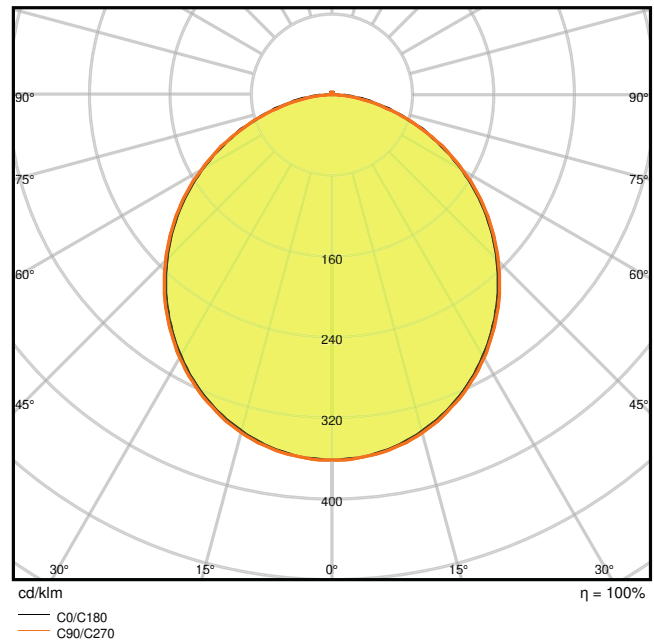
| | |
|--|-----------------------|
| Nominal wattage | 18.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 108 mA |
| Inrush current | 17 A |
| Inrush current time T_{h50} | 56 μ s |
| Max. no. of lum. on circuit break. B16 A | 44 |
| Max. no. of lum. on circuit break. C10 A | 35 |
| Max. no. of lum. on circuit break. C16 A | 56 |
| Power factor λ | 0.50 |
| Total harmonic distortion | < 20 % |
| Protection class | II |
| Operating mode | Integrated LED driver |

Photometrical data

| | |
|--|----------------------|
| Luminous flux | 1530 lm |
| Luminous efficacy | 85 lm/W |
| Color temperature | 3000 K |
| Light color (designation) | Warm White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | < 6 sdc _m |
| Luminous intensity | - |
| Flickering metric (Pst LM) | - |
| Stroboscope effect metric (SVM) | - |
| Photobiological safety group acc. to EN62778 | RG0 |
| Photobiological safety group acc. to EN62471 | RG0 |
| Beam angle | 120 ° |



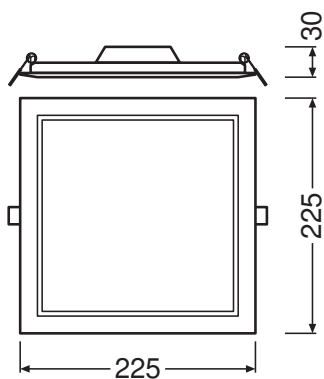
LDC typ cone



LDC typ polar

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 225.00 mm |
| Width | 225.00 mm |
| Height | 30.00 mm |
| Product weight | 527.00 g |



Materials & Colors

| | |
|--|--------------------|
| Product color | White |
| Housing color | White |
| Body material | Polycarbonate (PC) |
| Cover material | Polycarbonate (PC) |
| Light emitting surface material | Polycarbonate (PC) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |
| Mercury content | 0.0 mg |

Application & Mounting

| | |
|--|----------------------------|
| Ambient temperature range | -20...+50 °C |
| Temperature range at storage | -30...+70 °C |
| Type of connection | Screwless terminal, 2-Pole |
| Type of protection | IP20 |
| Protection class IK (shock resistance) | IK03 |
| Dimmable | No |
| Mounting type | Recessed |
| Mounting location | Ceiling / Wall |
| Application environment | Indoor |
| Mounting length | 210,0 mm |
| Mounting width | 210,0 mm |
| Mounting depth | 50,0 mm |
| LED module replaceable | Not replaceable |
| With light source | Yes |

Lifespan

| | |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 30000 h ¹⁾ |
| Lifespan L80/B10 at 25 °C | 20000 h ¹⁾ |
| Lifespan L90/B10 at 25 °C | 12000 h |
| Number of switching cycles | 50000 |

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Control gear

| | |
|-----------------------------|---------|
| Output current | 295 mA |
| ECG - Output ripple current | < 6.5 % |

Certificates & Standards

| | |
|--|---------------|
| Standards | CE / CB / EAC |
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |

Additional product data






| | |
|-----------------------|--------------|
| Number of illuminants | Not relevant |
|-----------------------|--------------|

EQUIPMENT / ACCESSORIES








- Surface mounting frames available as accessories

DOWNLOAD DATA

Documents and certificates

| | |
|--|---------------------------------|
|  | Addon Technical Information |
|  | Installation guide |
|  | On-Pack-Info |
|  | Declarations Of Conformity CE |
|  | Declarations Of Conformity UKCA |

Photometric and lighting design files

| | |
|---|----------------------|
|  | IES file (IES) |
|  | LDT file (Eulumdat) |
|  | ULD file (DIALux) |
|  | ROLF file (RELUX) |
|  | UGR file (UGR table) |
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