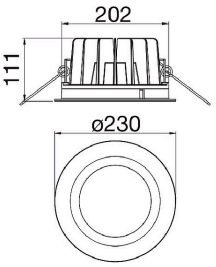
# Drop

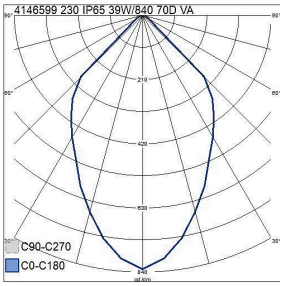


## 230 IP65 39W/840 70D GLC WH

Downlight

Drop is a downlight range with full IP65 classification. The luminaires are made of durable, high-quality materials with UV and corrosion protection, which make them suitable for outdoor and indoor use in public spaces. With its IP classification, Drop is suitable for installation on overhangs and other external building surfaces. Choose the most suitable model for your space from three optional sizes and output levels, and two colour options.




Drop Downlight 39W 4000K 5100lm Beam angle Wide beam 40-80°; No dim; IP65; IK05; Protection cl. III; LED not exchangeable; CRI>80; SDCM3; Ending; 3x1.5mm²; Housing al; Colour wh; Cover Glass clear; C16 max. 8

Stocked: No





| 230 IP65 39W/840 70D GLC WH | | | |
|---|---|---|---|
| PRODUCT CODE | CODE | KG | PRODUCT FAMILY |
| 4146599 | 4146599 | 2.3 | Drop |

# 230 IP65 39W/840 70D GLC WH

EC001744 Downlight / spot luminaire / floodlight

| Mounting | |
|---|---|
| Suitable for surface mounting | No |
| Suitable for recessed mounting | Yes |
| Suitable for wall mounting | No |
| Suitable for suspended mounting | No |
| Suitable for ceiling mounting | Yes |
| Suitable for traverse mounting | No |
| Suitable for pedestal/floor mounting | No |
| Suitable for light-track mounting | No |
| Suitable for clamp-mounting | No |
| Suitable for low voltage cable system | No |
| Degree of protection (IP) | IP65 |
| Degree of protection (IP), rear side | IP65 |
| Degree of protection (IP), front side | IP65 |
| Impact strength | IK05 |
| Emergency function monitoring system | None |
| Type of wiring | Ending |
| Number of poles | 3 |
| Conductor cross section (mm²) | 1 mm² |
| Connectable conductor cross section (min) (mm²) | 1 mm² |
| Connectable conductor cross section (max) (mm²) | 2.5 mm² |
| Connection type | Screwless terminal |
| Luminaire with limited surface temperature, class "D“ in acc. with EN 60598-2-24 | No |
| Max. number of luminaires per miniature circuit breaker B16 | 5 |
| Max. number of luminaires per miniature circuit breaker C16 | 8 |
| Fit for workplace acc. EN 12464-1 | No |
| Luminaire may be covered with thermally insulating material | No |

| Structure | |
|---|---|
| Adjustability | Not adjustable |
| Lamp type | LED not exchangeable |
| Light source included | Yes |
| Suitable for number of lamps | 1 |
| Lamp holder | Other |
| Housing material | Aluminium |
| Surface protection | Powder coating |
| Housing colour | White |
| Cover material | Glass transparent |
| Surface brushed | No |
| Control gear included | Yes |
| Exchangeable control gear | Yes |
| Reflector | Matt |
| Reflector colour | Silver |
| Energy efficiency class of light source according to EU regulation 2019/2015 | C |
| Containing product according to 2019/2020/EU | Yes |
| Emergency power supply system | None |
| Emergency power supply integrated | No |
| Filament test according to IEC 60695-2-11 | 650 °C - 30 s |

| Dimming and control | |
|---|---|
| With movement sensor | No |
| With presence indicator | No |
| With light sensor | No |
| Dimmable | No |
| Dimming 0-10 V | No |
| Dimming 1-10 V | No |
| Dimming DALI-2 | No |
| Dimming DALI | No |
| Dimming DMX | No |
| Dimming DSI | No |
| Dimming potentiometer (integrated) | No |
| Dimming LineSwitch | No |
| Dimming manufacturer's proprietary system | No |
| Dimming mains voltage modulation | No |
| Dimming trailing edge | No |
| Dimming leading edge | No |
| Dimming programmable | No |
| Dimming RF | No |
| Dimming Sine Wave Reduction | No |
| Dimming Touch and Dim | No |
| Dimming Zigbee | No |
| Dimming with push-button | No |
| No dimming function | Yes |
| Constant luminous flux control | No |
| IFTTT support available | No |
| Compatible with Apple HomeKit | No |
| Bluetooth operated | No |
| Compatible with Google Assistant | No |
| Compatible with Casambi | No |
| Compatible with Amazon Alexa | No |

| Electrotechnical data | |
|---|---|
| Voltage type | AC |
| Nominal voltage (min) (V) | 220 V |
| Nominal voltage (max) (V) | 240 V |
| Nominal current (min) (mA) | 1050 mA |
| Nominal current (max) (mA) | 1050 mA |
| Type of control gear | LED operating device current-controlled |
| Total harmonic distortion (THD) (%) | 10 % |
| Total harmonic distortion | 10 THD |
| Protection class according to IEC 61140 | III |
| Suitable for lamp power (min) (W) | 39 W |
| Suitable for lamp power (max) (W) | 39 W |
| Maximum system power (W) | 39 W |
| Luminaire efficacy (min) (lm/W) | 131 lm/W |
| Luminaire efficacy (max) (lm/W) | 131 lm/W |
| Power factor | 0.9 |
| Luminaire efficacy (lm/W) | 131 lm/W |

| Photometric data | |
|---|---|
| Light distributor | Reflector |
| Light sharing | Symmetric |
| Beam angle | Wide beam 40-80° |
| Light outlet | Direct |
| Colour of light (alphanumeric) | White |
| Colour temperature (min) (K) | 4000 K |
| Colour temperature (max) (K) | 4000 K |
| Colour temperature switchable | No |
| Colour rendering index (CRI/Ra) | 80-89 |
| Luminous flux (min) (lm) | 5100 lm |
| Luminous flux (max) (lm) | 5100 lm |
| Effective luminous flux (lm) | 5100 lm |
| Rated luminous flux according to IEC 62722-2- 1 (min) (lm) | 5100 lm |
| Rated luminous flux according to IEC 62722-2- 1 (max) (lm) | 5100 lm |
| Lumen setting adjustable | No |
| Flickering value Pst LM | 1 |
| Beam angle adjustable | No |
| Stroboscope effect value SVM | 0.4 |
| Photobiological safety according to EN 62471 | RG1 |
| Colour consistency (McAdam ellipse) | SDCM3 |

| Lifetime and capacity | |
|---|---|
| Rated life time L70/B50 at 25 °C (h) | 100000 h |
| Rated life time L80/B50 at 25 °C | 100000 h |
| Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) (%) | 95 % |
| Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%) | 90 % |
| Lumen maintenance at median useful life of 100,000 hr at 25 °C ambient (tq) | 80 % |
| Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%) | 5 % |
| Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%) | 5 % |
| Failure rate at median useful life of 100,000 hrs at 25 °C ambient (tq) | 10 % |
| Rated ambient temperature acc. IEC62722-2-1 (min) (°C) | -25 °C |
| Rated ambient temperature acc. IEC62722-2-1 (max) (°C) | 25 °C |

| Measurements | |
|---|---|
| Length (mm) | 230 mm |
| Width (mm) | 230 mm |
| Height/depth (mm) | 111 mm |
| Outer diameter (mm) | 230 mm |
| Built-in length (mm) | 215 mm |
| Built-in width (mm) | 215 mm |
| Built-in height/depth (mm) | 160 mm |
| Recess diameter (min) (mm) | 203 mm |
| Recess diameter (max) (mm) | 215 mm |