



Less Hassle, More Savings

Essential SmartBright LED Downlight

Essential SmartBright G2 LED Downlight is value for money product with high efficacy, good quality and reliability. It offers multiple configurations from 300lm to 2000lm output, to replace conventional downlight. It can be used for shopping mall, retail store, residential and office. It's an ideal product family to distribute in trade market.

Benefits

- Reliability and safety: meets national and international regulation
- Energy saving: High system efficacy with lower power consumption
- Diversity: One stop shopping with multiple choices of recess round, square as well as surface-mount to fit your dedicated applications
- Easy to install with slim design

Features

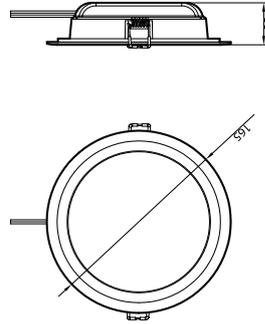
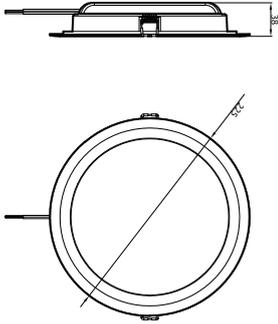
- Long life time: 20Khrs to 30Khrs(L70B50@25°C)
- System efficiency: up to 85lm/W
- One family offers recess round, square and surface mount options
- Slim design: 33mm housing body height

Application

- Retail
- Office
- Residential

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Dimensional drawing



General Information

Light source replaceable No

Light Technical

Color rendering index (CRI) 80

Operating and Electrical

Input Voltage 220 to 240 V

Line Frequency 50 or 60 Hz

Temperature

Ambient temperature range -20 to +40 °C

Controls and Dimming

Dimmable No

Mechanical and Housing

Housing Color White

Approval and Application

Protection class IEC Safety class II

Mech. impact protection code IK03

Ingress protection code IP20

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h 1.6 %

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
929002510108	DN020B G3 LED12/NW 14W 220-240V D150 GM	4000 K	85.00 lm/W	1,200 lm
929002510208	DN020B G3 LED12/CW 14W 220-240V D150 GM	6500 K	85.00 lm/W	1,200 lm
929002510808	DN020B G3 LED20/CW 23W 220-240V D200 GM	6500 K	86.00 lm/W	2,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929002510108	DN020B G3 LED12/NW 14W 220-240V D150 GM	14 W
929002510208	DN020B G3 LED12/CW 14W 220-240V D150 GM	14 W

Order Code	Full Product Name	Power Consumption
929002510808	DN020B G3 LED20/CW 23W 220-240V D200 GM	23 W

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
929002510108	DN020B G3 LED12/NW 14W 220-240V D150 GM	(0.3818, 0.3797) 6
929002510208	DN020B G3 LED12/CW 14W 220-240V D150 GM	(0.3123, 0.3283) 6

Order Code	Full Product Name	Initial chromaticity
929002510808	DN020B G3 LED20/CW 23W 220-240V D200 GM	(0.3123, 0.3283) 6

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