



SmartBright LED Downlight – perfect green light

SmartBright LED Downlight

When switching from conventional CFL to LED lighting, most customers want a green solution with an attractive total cost of ownership. SmartBright LED Downlight is characterized by low cost and high efficiency, providing the end-user with the perfect green light fixture.

Benefits

- Cost-effective
- 60% energy saving compared with CFL
- Simple yet elegant design

Features

- System efficiency > 85 lm/W
- Good color consistency, ensuring visual comfort
- Safe and stable

Application

- Shops
- Public areas

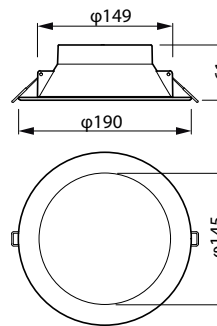
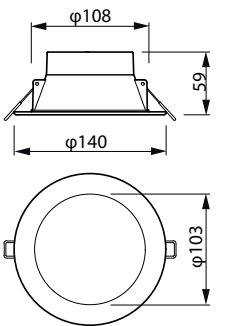
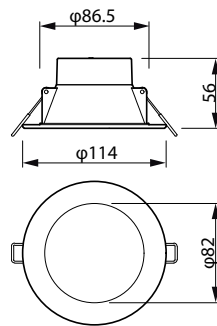
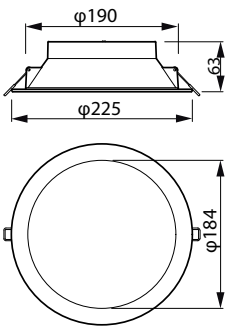
SmartBright LED Downlight

Versions



DN029B G2

Dimensional drawing



SmartBright LED Downlight

General Information

Driver included	Yes
Light source replaceable	No
Number of gear units	1 unit

Light Technical

Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	80
Optic type	Beam angle 100°

Operating and Electrical

Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	Not applicable

Controls and Dimming

Dimmable	Yes
Maximum dim level	10% (depends on dimmer, ELV)

Mechanical and Housing

Housing Color	White
Mech. impact protection code	IK03
Ingress protection code	IP40/54

Approval and Application

Ambient temperature range	-20 to +40 °C
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 750 °C, duration 5 s

Initial Performance (IEC Compliant)

Initial chromaticity	(3000K@, 0.4400, 0.4030 ; 4000K@0.37600, 3656 ; 6500K@0.31300, 3370) 6
Luminous flux tolerance	3000K: ±10%:4000K: -10% / +20%:6500K: -10% / +20%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1.2 %
-------------------------------	-------

Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux
929002576408	DN029B G2 LED8/CCT PSR-E D90 GM	106 lm/W	800 lm
929002576508	DN029B G2 LED10/CCT PSR-E D120 GM	111 lm/W	1,000 lm
929002576608	DN029B G2 LED12/CCT PSR-E D150 GM	114 lm/W	1,200 lm
929002576708	DN029B G2 LED20/CCT PSR-E D200 GM	111 lm/W	2,000 lm

Operating and Electrical

SmartBright LED Downlight

Order Code	Full Product Name	Power Consumption
929002576408	DN029B G2 LED8/CCT PSR-E D90 GM	7.5 W
929002576508	DN029B G2 LED10/CCT PSR-E D120 GM	9 W

Order Code	Full Product Name	Power Consumption
929002576608	DN029B G2 LED12/CCT PSR-E D150 GM	10.5 W
929002576708	DN029B G2 LED20/CCT PSR-E D200 GM	18 W

