



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

- \cdot System efficiency > 85 lm/W
- $\boldsymbol{\cdot}$ Good color consistency, ensuring visual comfort
- · Safe and stable

Application

- Shops
- · Public areas

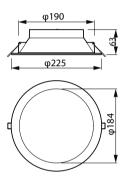
SmartBright LED Downlight

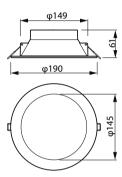
Versions



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° | | |
| Optic type | Deam 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 ℃ | | |
| Flammability mark | For mounting on | | |
| | normally | | |
| | flammable | | |
| | surfaces | | |
| Glow-wire test | Temperature 750 | | |
| | °C, duration 5 s | | |
| Initial Performance (IEC Complian | n+) | | |
| Initial chromaticity | (3000K@, | | |
| | 0.4400, | | |
| | 0.40304000K@0 | | |
| | 37600.36566500 | | |
| | K@0.31300.3370) | | |
| | 6 | | |
| Luminous flux tolerance | | | |
| Luminous itux tolerance | 3000K: | | |
| | ±10%:4000K: | | |
| | -10% / | | |
| | +20%:6500K: | | |
| | -10% / +20% | | |
| Over Time Desferred (IEC.C | mliamt) | | |
| 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 |
|------------|-----------------------------------|---------------------------------|---------------|
| 27360300 | DN029B G2 LED12/CCT PSR-E D150 GM | 114 lm/W | 1,200 lm |
| 27362700 | 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 |
|------------|-----------------------------------|-------------------|
| 27360300 | DN029B G2 LED12/CCT PSR-E D150 GM | 10.5 W |

| Order Code | Full Product Name | Power Consumption |
|------------|-----------------------------------|-------------------|
| 27362700 | DN029B G2 LED20/CCT PSR-E D200 GM | 18 W |



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