



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

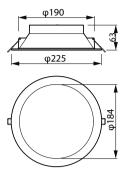
- \cdot System efficiency > 85 lm/W
- · Good color consistency, ensuring visual comfort
- · Safe and stable

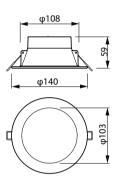
Application

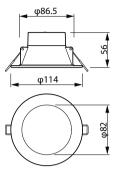
- Shops
- · Public areas

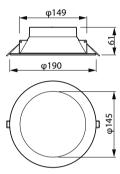
SmartBright LED Downlight

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			
Approval and Application Ambient temperature range	-20 to +40 °C		
Flammability mark	For mounting on		
rialiliability mark	normally		
	flammable		
	surfaces		
Glow-wire test	Temperature 750		
Olow-wife test	°C, duration 5 s		
	c, daration 3 3		
Initial Performance (IEC Compliar	nt)		
Initial chromaticity	(3000K@,		
·	0.4400,		
	0.40304000K@C		
	37600.36566500		
	K@0.31300.3370)		
	6		
Luminous flux tolerance	3000K:		
	±10%:4000K:		
	-10% /		
	+20%:6500K:		
	-10% / +20%		
Over Time Performance (IEC Compliant)			

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



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.