Essential SmartBright G2 LED Downlight

Essential SmartBright G2 LED Downlight is value for money product with high efficacy, good quality and reliability. It offers diverse configurations from 800lm to 2,000lm output, to replace conventional compact fluorescent downlight. It could apply to shopping mall, retail store, residential and office application. 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
- Easy installation: Integral light weight design, comes with flexible cable with plug(for Australia) or remoted terminal block(for New Zealand)

Features
- System efficiency, up to 85lm/W
- CRI 80+, SDCM <5
- High reliability, 25Khrs (L70B50@25°C)
- Flicker free
- Dimmable(available in selected models)

Applications
- Retail
- Office
- Residential

PHILIPS

Essential SmartBright G2
LED Downlight

Specifications

DN028B – (CAU version)				
Type	LED8	LED12	LED15	LED20
lumen output	800lm	1200lm	1500lm	2000lm
Cut-out (mm)	Ø90	Ø150	Ø175	Ø200
SDCM	<5			
CRI	>80			
CCT	3000K / 4000K			
Voltage	220-240V~ 50/60Hz			
Power consumption	10w	15w	18w	23w
Efficacy	80 lm/w	Up to 85 lm/w		
PF	Up to 0.9	Up to 0.75		
LED driver	Remoted driver; Trailing/leading edge dimmable	Fixed output (Integrated with luminaire)		
Connection	1.2m flexible cable with plug(from driver)			
Materials and finishing	Metal housing with RAL9003 white painting, PC white(RAL9003) back cover; PC light diffuser			
Lifetime	25,000 hours (L70B50 @ 25°C)			
Working Temp.	- 20°C < Ta < +40°C			
Dimensions Dia x H(mm)	Ø115x33	Ø175x33	Ø200x33	Ø225x33
Electrical Class	Class I	Class II		
IP rating	IP20			
Certifications	CB, EMC, AS/NZS60598 (IC-F)			

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Essential SmartBright G2
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Specifications

	DN028B – (TB version)			
Type	LED8			
lumen output	800 lm			
Cut-out (mm)	Ø90	Ø125	Ø90	Ø125
SDCM	<5			
CRI	>80			
CCT	3000K / 4000K			
Voltage	220-240V~ 50/60Hz			
Power consumption	10w			
Efficacy	80 lm/w			
PF	Up to 0.9		Up to 0.75	
LED driver	Remoted driver; Trailing/leading edge dimmable		Fixed output (Integrated with luminaire)	
Connection	150mm remote terminal block(from driver)			
Materials and finishing	Metal housing with RAL9003 white painting, PC white(RAL9003) back cover; PC light diffuser			
Lifetime	25,000 hours (L70B50 @ 25°C)			
Working Temp.	- 20°C < Ta < +40°C			
Dimensions Dia x H(mm)	Ø115x33	Ø150x33	Ø115x33	Ø150x33
Electrical Class	Class I		Class II	
IP rating	IP20			
Certifications	CB, EMC, AS/NZS60598 (IC-F)			

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