CoreLine SlimDownlight

DN135B LED6S/830 PSR-E II WH

CoreLine SlimDownlight, 9 W, D68mm, 650 lm, 3000 K, Analogue, Frosted, IP44

CoreLine slimdownlight delivers on the CoreLine promise of innovative, easy-to-use and high-quality indoor LED downlights. The CoreLine slim downlight is an innovative range of recessed and surface-mounted luminaires. It is designed to provide uniform lighting across multiple application areas. With instant energy-savings and a longer lifetime, this is an environmentally friendly and cost-saving solution. Its MultiColorTemp feature offers a choice of two colour temperatures in a single luminaire. This makes it easy to select the right product, gives you the flexibility respond to customer preferences on site, and means fewer product codes in stock. Simple and easy installation means that our slim downlight fits the same size cut-out, while the minimal built-in depth of 34 mm makes this product an ideal space-saving solution, especially for projects with limited fitting space. InterAct Ready option with integrated wireless communications in this family is available, to be used with InterAct gateways, sensors and software.

Product data

General Information

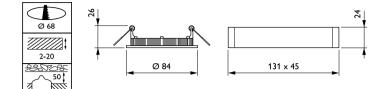|	
Lamp family code	LED6S [LED Module, system flux 600 lm]
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes

CoreLine SlimDownlight

Warranty period	5 years
Flammability mark	–
ENEC mark	–
Glow–wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	650 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	72 lm/W
Colour rendering index (CRI)	>80
Light source colour	830 warm white
Optic type	–
Optical cover type	Opal
Luminaire light beam spread	135°
Unified Glare Rating (CEN)	28

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	7 A
Inrush time	300 ms
Power Consumption	9 W
Power Factor (Fraction)	0.9
Connection	Push-in connector with 2 poles and pull relief
Cable	–
Number of products on MCB of 16 A type B	32

Temperature

Ambient temperature range	0 to +35 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating external
Control interface	Analogue
Constant light output	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	Polycarbonate

Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
Housing Colour	White
Optical cover/lens finish	Frosted
Overall height	20 mm
Overall diameter	84 mm

Approval and Application

Ingress protection code	IP44 [Wire-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/–10%
Initial chromaticity	(0.42, 0.40) SDCM <5
Power consumption tolerance	+/–10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L70

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	20% (depends on dimmer, ELV)
Suitable for random switching	Yes

Product Data

Order product name	DN135B LED6S/830 PSR-E II WH
Full product name	DN135B LED6S/830 PSR-E II WH
Full EOC	871869938117299
Order code	38117299
Material no. (12 NC)	910503910317
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699381172
Numerator – packs per outer box	24
EAN/UPC – Case	8718699381189

CoreLine SlimDownlight

Dimensional drawing

Ø 68

2-20

50

26

Ø 84

24

131 x 45

www.lighting.philips.com

2023, April 29 – data subject to change