



CoreLine SlimDownlight

DN135B LED20S/830 PSU II WH

LED Module, system flux 2000 lm, 830 warm white, Power supply unit (On/Off), Safety class II, White

CoreLine SlimDownlight is a range of ultra-thin recessed luminaires designed to replace downlight luminaires based on CFL-ni/CFL-I lamp technology. The product's attractive TCO makes it easy for customers to make the switch to LED. CoreLine SlimDownlight delivers a natural 'surface of light' effect for use in general lighting applications. It also offers instant energy savings and a much longer lifetime, making it a real value-for-money and environmentally friendly solution. Installation is easy, as the luminaire fits the same size of cut-out and has an extremely small build-in depth.

Product data

General Information			
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Service tag	Yes
Light source replaceable	No	Lighting Technology	LED
Number of gear units	1 unit	Value ladder	Performance
Gear	-	CE mark	Yes
Driver included	Yes	Warranty period	5 years
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.	Flammability mark	-
		ENEC mark	-
		Glow-wire test	Temperature 650 °C, duration 5 s
		EU RoHS compliant	Yes
		Light Technical	
		Luminous Flux	2,000 lm
		Correlated Color Temperature (Nom)	3000 K

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Luminous Efficacy (rated) (Nom)	71 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Beam angle of light source	- degree(s)
Light source color	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
End CLO power consumption	- W
Inrush current	17 A
Inrush time	250 ms
Power Consumption	28 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
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum

Housing Color	White
Optical cover finish	Frosted
Overall height	20 mm
Overall diameter	215 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)

Driver failure rate at 5000 h	5 %
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* L70	
50000 h	

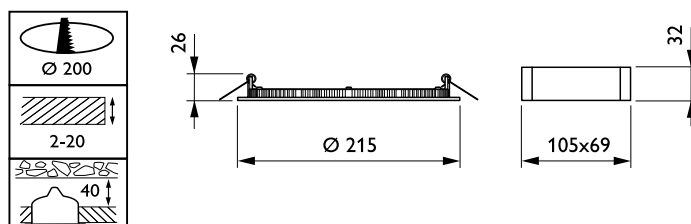
Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data

Order product name	DN135B LED20S/830 PSU II WH
Full product name	DN135B LED20S/830 PSU II WH
Full product code	871869607044499
Order code	07044499
Material Nr. (12NC)	910503910112
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696070444
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696070529

Dimensional drawing



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