



CoreLine SlimDownlight

DN135B LED20S/840 PSU II WH

CoreLine SlimDownlight - LED Module, system flux 2000 lm - 840 neutral white - Power supply unit - 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		Cable	
Number of light sources	1 pc	Cable	-
Lamp family code	LED20S [LED Module, system flux 2000 lm]	Protection class IEC	Safety class II
Beam angle of light source	- °	Standard RAL color	Traffic white
Light source color	840 neutral white	Glow-wire test	Temperature 650 °C, duration 5 s
Light source replaceable	No	Flammability mark	-
Number of gear units	1 unit	CE mark	CE mark
Gear	-	ENEC mark	-
Driver/power unit/transformer	Power supply unit	Warranty period	3 years
Driver included	Yes	Constant light output	No
Optic type	-	Number of products on MCB of 16 A type B	32
Optical cover/lens type	Opal	RoHS mark	RoHS mark
Luminaire light beam spread	135°	Product family code	DN135B [CoreLine SlimDownlight]
Emergency lighting	-	Operating and Electrical	
Connection	Push-in connector with 2 poles and pull relief	Input Voltage	220 to 240 V

CoreLine SlimDownlight

Input Frequency	50 to 60 Hz
Inrush current	17 A
Inrush time	250 ms
Power Factor (Min)	0.9
Power Factor (Nom)	0.9

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Aluminum
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminum
Optical cover/lens finish	Frosted
Overall height	20 mm
Overall diameter	215 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux	2000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	71 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80

Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	28 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Median useful life L70B50	50000 h
Median useful life L80B50	30000 h
Median useful life L90B50	15000 h

Application Conditions

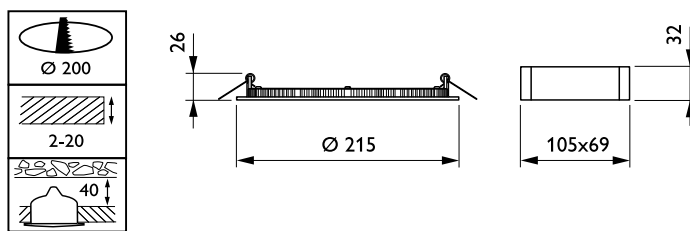
Ambient temperature range	0 to +35 °C
Average ambient temperature	25 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871869607045199
Order product name	DN135B LED20S/840 PSU II WH
EAN/UPC - Product	8718696070451
Order code	910503910113
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	910503910113
Net Weight (Piece)	0.600 kg



Dimensional drawing



CoreLine SmartDownlight DN135B/DN135C

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