



# CoreLine SlimDownlight

## DN135B LED20S/840 PSU II WH

LED Module, system flux 2000 lm - 840 neutral white - Power supply unit - Safety class II - White

CoreLine SlimDownlight delivers on the CoreLine promise of innovative, easy to use and high-quality luminaires. CoreLine SlimDownlight is an innovative range of recessed and surface-mounted luminaires. The high-quality CoreLine SlimDownlight is designed to replace existing downlight luminaires with CFL-ni/CFL-I lamp technology and provides even, natural lighting across multiple environments. With instant energy savings and a longer lifetime, this is an environmentally friendly and cost saving solution. Simple and easy installation means our recessed luminaire fits the same size cut-out, while the minimal built-in depth of 34mm makes this product an ideal space saving solution, especially for projects with limited fitting space. InterAct Ready luminaires with integrated wireless communications, fully compatible with InterAct gateways, sensors and software, are also available.

### Product data

General Information			
Number of light sources	1 pc	Optic type	-
Lamp family code	LED20S [ LED Module, system flux 2000 lm]	Optical cover/lens type	Opal
Beam angle of light source	- °	Luminaire light beam spread	135°
Light source color	840 neutral white	Emergency lighting	-
Light source replaceable	No	Connection	Push-in connector with 2 poles and pull relief
Number of gear units	1 unit	Cable	-
Gear	-	Protection class IEC	Safety class II
Driver/power unit/transformer	Power supply unit	Glow-wire test	Temperature 650 °C, duration 5 s
Driver included	Yes	Flammability mark	-

## CoreLine SlimDownlight

CE mark	CE mark
ENEC mark	-
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.
Constant light output	No
Number of products on MCB of 16 A type B	32
RoHS mark	RoHS mark
Unified glare rating CEN	28

### Operating and Electrical

Input Voltage	220 to 240 V
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
Color	White

### Approval and Application

Ingress protection code	IP44 [ Wire-protected, splash-proof]
Mech. impact protection code	IK02 [ 0.2 J standard]

### Initial Performance (IEC Compliant)

Initial luminous flux (system 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)

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

### Application Conditions

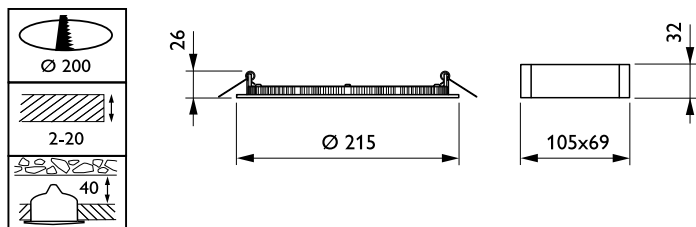
Ambient temperature range	0 to +35 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

### 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

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### Dimensional drawing



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