



CoreLine Downlight

DN130B LED20S/840 IA1 WH

CoreLine Downlight, 22 W, D200 mm, 2000 lm, 4000 K,
Wireless, Frosted, IP20

The CoreLine Downlight range of recessed luminaires is designed to replace CFL-ni/CFL-i based downlight luminaires. Their attractive TCO helps customers to make the switch to LED. These luminaires create a natural lighting effect for use in general lighting applications. They also deliver instant energy savings and have a much longer lifetime, creating a real value-for-money and environmentally friendly solution. They are easy to install thanks to their standard cut-out size and push-in connectors.

Product data

General Information			
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	ENEC mark	ENEC mark
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.	Glow-wire test	Temperature 850 °C, duration 5 s
Product family code	DN130B [CoreLine Downlight WH]	EU RoHS compliant	Yes
Lighting Technology	LED	Light Technical	
Value ladder	Performance	Luminous Flux	2,000 lm
Embedded control	Interact SNS210 sensor	Correlated Color Temperature (Nom)	4000 K
CE mark	Yes	Luminous Efficacy (rated) (Nom)	90 lm/W
		Color rendering index (CRI)	80
		Beam angle of light source	120 degree(s)
		Light source color	840 neutral white
		Optic type	White reflector without louver
		Luminaire light beam spread	90°

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Unified glare rating CEN	28
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Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	16 A
Inrush time	0.32 ms
Power Consumption	22 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 2-pole
Cable	-
Number of products on MCB of 16 A type B	24

Temperature	
Ambient temperature range	-10 to +40 °C

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating external
Control interface	Wireless
Constant light output	No

Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	Polycarbonate
Optic material	-
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Frosted
Overall height	109 mm
Overall diameter	216 mm

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II

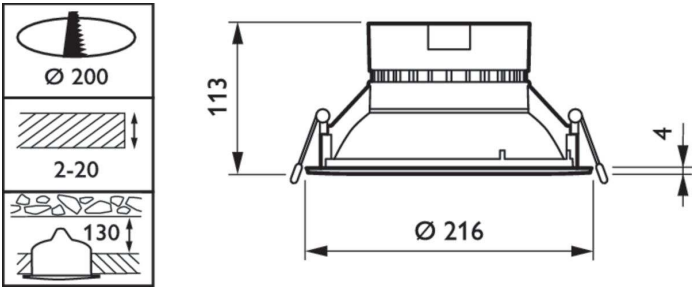
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.37) SDCM <5
Power consumption tolerance	+/-10%

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

Product Data	
Order product name	DN130B LED20S/840 IA1 WH
Full product name	DN130B LED20S/840 IA1 WH
Full product code	871869939710400
Order code	39710400
Material Nr. (12NC)	910500465263
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699397104
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699397104

Dimensional drawing



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