



CoreLine Downlight

DN131B LED20S/840 IA1 ALU

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	DN131B [CoreLine Downlight ALU]	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	High-gloss mirror
		Luminaire light beam spread	70°

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Unified glare rating CEN	25
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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	Aluminum
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	Aluminum
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

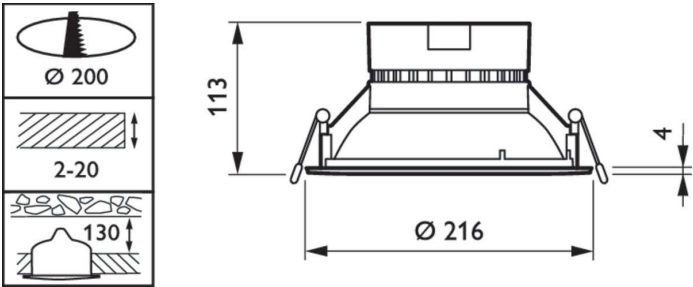
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.37) SDCM <5
Power consumption tolerance	+/-10%

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	DN131B LED20S/840 IA1 ALU
Full product name	DN131B LED20S/840 IA1 ALU
Full product code	871869939712800
Order code	39712800
Material Nr. (12NC)	910500465265
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699397128
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699397128

Dimensional drawing



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