



CoreLine Downlight

DN131B LED20S/830 IA1 ALU

CoreLine Downlight, 22 W, D200 mm, 2000 lm, 3000 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

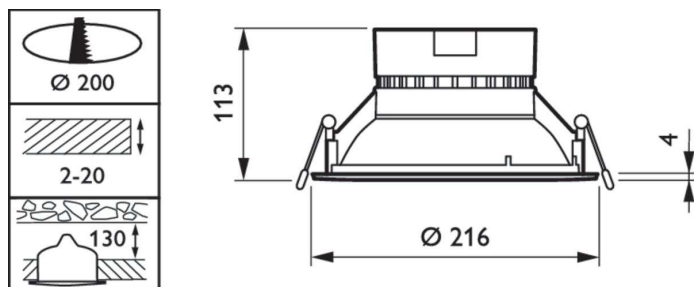
General Information			
Light source replaceable	No	Warranty period	5 years
Number of gear units	Unit	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	ENEC mark	ENEC mark
Remarks	* - According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.	Glow-wire test	Temperature 850 °C, duration 5 s
		EU RoHS compliant	Yes
		Light Technical	
Product family code	DN131B [CoreLine Downlight ALU]	Luminous Flux	2,000 lm
Lighting Technology	LED	Correlated Colour Temperature	3000 K
Value ladder	Performance	Luminous efficacy (rated) (nom.)	90 lm/W
Embedded control	Interact SNS210 sensor	Colour rendering index (CRI)	80
CE mark	Yes	Beam angle of light source	120 degree(s)
		Light source colour	830 warm white
		Optic type	High-gloss mirror
		Luminaire light beam spread	70°

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Unified Glare Rating (CEN)	25
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	Aluminium
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	Aluminium
Optical cover/lens 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	(0.43, 0.40) SDCM <5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L70
Application Conditions	
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes
Product Data	
Order product name	DN131B LED20S/830 IA1 ALU
Full product name	DN131B LED20S/830 IA1 ALU
Full EOC	871869939711100
Order code	39711100
Material no. (12 NC)	910500465264
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699397111
Numerator – packs per outer box	1
EAN/UPC – Case	8718699397111

Dimensional drawing



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