PHILIPS Lighting



CoreLine Downlight

DN130B LED20S/840 PSU PI6 WH

CoreLine Downlight WH, LED Module, system flux 2000 lm, 840 neutral white, Power supply unit (On/Off), Finger-protected, White

The CoreLine Downlight range of recessed luminaires is designed to replace CFLni/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	
Lamp family code	LED20S [LED Module, system flux 2000 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
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.
Product family code	DN130B [CoreLine Downlight WH]
Lighting Technology	LED
Value ladder	Performance

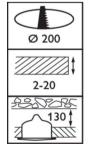
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	-
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,100 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	95 lm/W
Color rendering index (CRI)	80
Number of light sources	1
Beam angle of light source	120 degree(s)

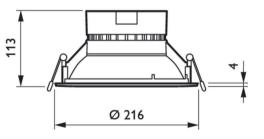
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Light source color	840 neutral white	Overall d
Optic type	Wide beam	
Optical cover type	Acrylic bowl/cover frosted	Approv
Luminaire light beam spread	90°	Ingress p
Unified glare rating CEN	28	Mech. im
		Protectio
Operating and Electrical		
Input Voltage	220 to 240 V	Initial P
Line Frequency	50 to 60 Hz	Luminou
Inrush current	16 A	Initial ch
Inrush time	0.32 ms	Power co
Power Consumption	22 W	
Power Factor (Fraction)	0.9	Over Ti
Connection	Push-in connector 6-pole	Control g
Cable	-	life 5000
Number of products on MCB of 16 A type	15	Lumen m
В		50000 h
Temperature		Applica
Ambient temperature range	-10 to +40 °C	Performa
		Suitable
Controls and Dimming		
Dimmable	No	Product
Driver/power unit/transformer	Power supply unit (On/Off)	Order pro
Constant light output	No	Full prod
		Full prod
Mechanical and Housing		Order co
Housing Material	Polycarbonate	Material
Reflector material	Polycarbonate	Numerat
Optic material	Aluminum	EAN/UP
Optical cover material	Polycarbonate	Numerat
Fixation material	Steel	EAN/UP
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 I	
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	5 %	
life 50000 h		
Lumen maintenance at median useful life*	L70	
50000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Suitable for random switching	Yes	
Product Data		
Order product name	DN130B LED20S/840 PSU PI6 WH	
Full product name	DN130B LED20S/840 PSU PI6 WH	
Full product code	871869685271200	
Order code	85271200	
Material Nr. (12NC)	910500457726	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696852712	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718696852712	

Dimensional drawing





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