PHILIPS Lighting



CoreLine Downlight

DN130B LED10S/840 PSED-E IP44 II WH

CoreLine Downlight WH, LED Module, system flux 1000 lm, 840 neutral white, Power supply unit with DALI interface, DC compatible, external, Safety class II, Wire-protected, splashproof, White

CoreLine Downlight delivers on the CoreLine promise of innovative, easy to use and high-quality recessed downlights. The CoreLine Downlight range is suitable for oneto-one conventional luminaire replacements, with an attractive TCO that helps customers to make the switch to LED. These recessed downlights create uniform light distribution 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. CoreLine DN140B recessed downlights are easy to install thanks to their standard cut-out size and push-in connectors. An InterAct Ready option with integrated wireless communications is available in this family, which can be used with InterAct gateways, sensors and software.

Product data

General Information	
Lamp family code	LED10S [LED Module, system flux 1000 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based
Remarks	
Remarks	"Evaluating performance of LED based
Remarks	"Evaluating performance of LED based luminaires - January 2018": statistically there

	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

CoreLine Downlight

EU RoHS compliant	Yes
Light Technical	
Luminous Flux	1,100 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	80
Number of light sources	1
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Wide beam
Optical cover type	Acrylic bowl/cover frosted
Luminaire light beam spread	90°
Unified glare rating CEN	28
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	20.4 A
Inrush time	195 ms
Power Consumption	11 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 3-pole Wago
Cable	-
Number of products on MCB of 16 A type	24
В	
Temperature	
Ambient temperature range	-10 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC
	compatible, external
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Polycarbonate
	-

Polycarbonate

Aluminum

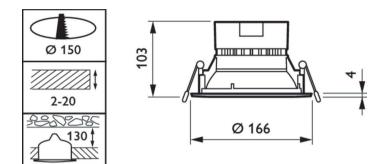
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Frosted
Overall height	99 mm
Overall diameter	166 mm
Approval and Application	
Ingress protection code	IP44 [Wire-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Initial Performance (IEC Compliant	t)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.37) SDCM <5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	oliant)
Control gear failure rate at median usefu	ıl 5%
life 50000 h	
Lumen maintenance at median useful	L70
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	DN130B LED10S/840 PSED-E IP44 II WH
Full product name	DN130B LED10S/840 PSED-E IP44 II WH
Full product code	871869687884200
Order code	910500458081
Material Nr. (12NC)	910500458081
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696878842
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696878842

Reflector material

Optic material

CoreLine Downlight

Dimensional drawing





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