



CoreLine SlimDownlight

DN145B LED10S/830 PSU II WH

- LED10S | LED Module, system flux 1000 lm - 830 warm white -
Power supply unit (ON/OFF) - Safety class II

CoreLine SlimDownlight delivers on the CoreLine promise of innovative, easy to use and high-quality indoor LED downlights. CoreLine SlimDownlight is an innovative range of recessed and surface-mounted luminaires that is designed to provide uniform lighting across multiple application areas. With instant energy savings and a longer lifetime, this is an environmentally-friendly and cost-saving solution. Our slim LED downlights fit the same size cut-out, making them simple and easy to install, while the minimal built-in depth of 34mm means they are an ideal space-saving solution, especially for projects with limited space for installation. An Interact ready option with integrated wireless communications is available in this family, which can be used with Interact gateways, sensors and software.

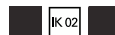
Product data

General Information			
Number of light sources	1	Luminaire light beam spread	84°
Lamp family code	LED10S [LED Module, system flux 1000 lm]	Control interface	-
Beam angle of light source	120 degree(s)	Connection	Connection unit 2-pole
Light source color	830 warm white	Cable	-
Light source replaceable	No	Protection class IEC	Safety class II
Number of gear units	1 unit	Glow-wire test	Temperature 650 °C, duration 30 s
Driver/power unit/transformer	Power supply unit (ON/OFF)	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	CE mark	Yes
Optic type	Beam angle 90°	ENEC mark	ENEC mark
Optical cover/lens type	Opal	Warranty period	5 years

CoreLine SlimDownlight

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.
Constant light output	No
Number of products on MCB of 16 A type B	38
EU RoHS compliant	Yes
Service tag	Yes
Unified glare rating CEN	28
Lighting Technology	LED
Brand	Philips
Value ladder	Performance
Light Technical	
Luminous Flux	1,100 lumen
Saturated Red (R9)	<50
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	>80
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Power Consumption	11 W
Inrush current	10.1 A
Inrush time	0.0022 ms
Power Factor (Fraction)	0.9
Temperature	
Ambient temperature range	0 to +35 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	-
Optic material	Polymethyl methacrylate

Optical cover/lens material	Polystyrene
Fixation material	-
Housing Color	White RAL9016
Optical cover/lens finish	Opal
Overall height	28 mm
Overall diameter	166 mm
Approval and Application	
Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Init. Corr. Color Temperature	3000 K
Initial chromaticity	(0.43657,0.40454) SDCM<3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.0015 %
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
Maximum dim level	Not applicable
Suitable for random switching	Yes
Product Data	
Full product code	871016333947499
Order product name	DN145B LED10S/830 PSU II WH
Order code	911401805980
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	16
Material number (12NC)	911401805980
Net weight	0.280 kg
Full product name	DN145B LED10S/830 PSU II WH
EAN/UPC - Case	8710163339795



CoreLine SlimDownlight

Dimensional drawing

