

CoreLine SlimDownlight

DN145B LED6S/840 PSU II WH

LED Module, system flux 600 lm - 840 neutral white - Power supply unit - Safety class II - White RAL9016

CoreLine SlimDownlight delivers on the CoreLine promise of innovative, easy to use and high-quality luminaires.;CoreLine SlimDownlight is an innovative range of recessed and surface-mounted luminaires. The high-quality CoreLine SlimDownlight is designed to replace existing downlight luminaires with CFL-ni/CFL-l lamp technology and provides even, natural lighting across multiple environments.;With instant energy savings and a longer lifetime, this is an environmentally friendly and cost saving solution. Simple and easy installation means our recessed luminaire fits the same size cut-out, while the minimal built-in depth of 34mm makes this product an ideal space saving solution, especially for projects with limited fitting space.;InterAct Ready luminaires with integrated wireless communications, fully compatible with InterAct gateways, sensors and software, are also available.

Product data

General Information	
Number of light sources	1 pc
Lamp family code	LED6S [LED Module, system flux 600 lm]
Light source color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Beam angle 90°
Optical cover/lens type	Opal

Luminaire light beam spread	84°
Control interface	-
Connection	Connection unit 2-pole
Cable	-
Protection class IEC	Safety class II
Standard RAL color	White RAL9016
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark

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ENEC mark	ENEC mark
Warranty period	5 years
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	27
EU RoHS compliant	Yes
Service tag	Yes
Unified glare rating CEN	32

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Inrush current	17.4 A
Inrush time	0.0016 ms
Power Factor (Min)	0.9

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	-
Optical cover/lens finish	Opal
Overall height	28 mm
Overall diameter	85 mm
Color	White RAL9016
Dimensions (Height x Width x Depth)	28 x NaN x NaN mm (1.1 x NaN x NaN in)

Approval and Application

Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	650 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.38212,0.38031) SDCM<3
Initial input power	6.5 W
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

Ambient temperature range	0 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

Product Data

Full product code	871016333946799
Order product name	DN145B LED6S/840 PSU II WH
EAN/UPC - Product	8710163339467
Order code	911401805880
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	911401805880
Net Weight (Piece)	0.160 kg



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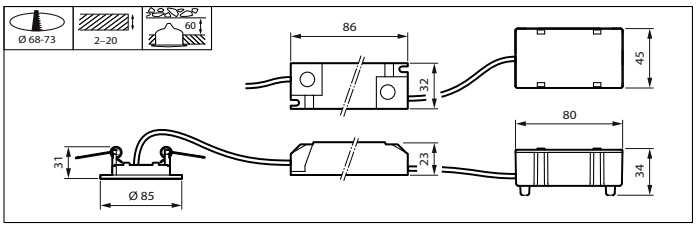
Dimensional drawing



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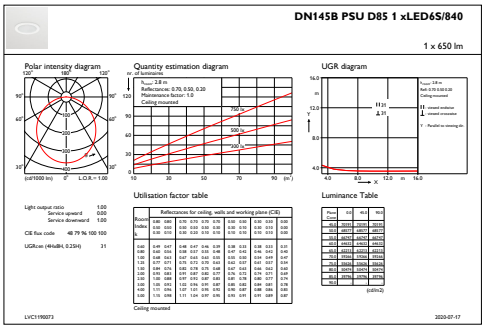
Photometric data



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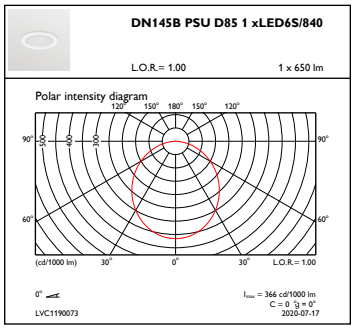

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