



CoreLine SlimDownlight

DN145B LED10S/830_840 PSD WH

CoreLine SlimDownlight, 10 W, 1080 lm, 1150 lm, 3000 K, 4000 K, DALI, Textured

CoreLine SlimDownlight is a range of ultra-thin recessed luminaires designed to replace downlight luminaires based on CFL-ni/CFL-I lamp technology. The product's attractive TCO makes it easy for customers to make the switch to LED. CoreLine SlimDownlight delivers a natural 'surface of light' effect for use in general lighting applications. It also offers instant energy savings and a much longer lifetime, making it a real value-for-money and environmentally friendly solution. Installation is easy, as the luminaire fits the same size of cut-out and has an extremely small build-in depth.

Product data

General Information	
Number of gear units	1 unit
Driver included	Yes
Value ladder	Performance
Warranty period	5 years
Sustainability rating	-

Light Technical	
Luminous Flux	1,080 1,150 lm
Correlated Color Temperature (Nom)	3000 4000 K
Luminous Efficacy (rated) (Nom)	115 108 lm/W
Color rendering index (CRI)	>80
Light source color	830 warm white, 840 neutral white

Optic type	Beam angle 90° Symmetrical
Luminaire light beam spread	90°
Unified glare rating CEN	28

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	16.5 A
Inrush time	0.177 ms
Power Consumption	10 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 8-pole
Cable	-

CoreLine SlimDownlight

Number of products on MCB of 16 A type B	36
Suitable for random switching	No
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface external
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™

Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	Polycarbonate
Optic material	Polymethyl methacrylate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Textured
Overall length	170 mm
Overall height	30 mm
Overall diameter	170 mm
Ingress protection code	IP20(IP44 front)
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	0.420 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces

CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.43,0.40) SDCM<3; (0.38,0.38) SDCM<3
Power consumption tolerance	+/-10%

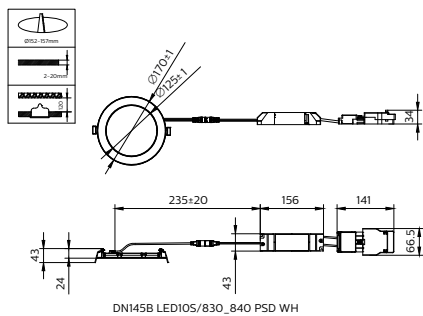
Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80

Product Data

Order product name	DN145B LED10S/830_840 PSD WH
Full product name	DN145B LED10S/830_840 PSD WH
Full product code	872110331699899
Order code	31699899
Material Nr. (12NC)	911401894687
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103316998
Numerator - Packs per outer box	24
EAN/UPC - Case	8721103317148

Dimensional drawing



CoreLine SlimDownlight

Photometric data



Polar Normal (separate) - null - 911401894687

