



CoreLine SlimDownlight

DN145B LED20S/830 IA1 WH

CoreLine SlimDownlight, 22.5 W, D205 mm, 2100 lm, 3000 K, Wireless, Opal, IP20/44

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. It 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. Its MultiColorTemp feature offers a choice of two color temperatures in a single luminaire. This makes it easy to select the right product, gives you the flexibility respond to customer preferences on site, and means fewer product codes on stock. Simple and easy installation means our slim downlight 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 option with integrated wireless communications in this family is available, to be used with InterAct gateways, sensors and software.

Product data

General Information			
Light source replaceable	No	Embedded control	Interact SNS210 sensor
Number of gear units	1 unit	CE mark	Yes
Driver included	Yes	Warranty period	5 years
Service tag	Yes	Flammability mark	For mounting on normally flammable surfaces
Product family code	DN145B [Coreline Slimdownlight G3_LSC]	ENEC mark	ENEC mark
Lighting Technology	LED	Glow-wire test	Temperature 650 °C, duration 30 s
Value ladder	Performance		

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EU RoHS compliant	Yes
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Light Technical

Luminous Flux	2,100 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	93 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	830 warm white
Optic type	Beam angle 90°
Luminaire light beam spread	84°
Unified glare rating CEN	28

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	20.4 A
Inrush time	0.0019 ms
Power Consumption	22.5 W
Power Factor (Fraction)	0.9
Connection	Connection unit 2-pole
Cable	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	0 to +35 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with SystemReady interface, Interact ready
Control interface	Wireless
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polystyrene

Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall height	28 mm
Overall diameter	215 mm

Approval and Application

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

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43657,0.40454) SDCM<3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	0.1 %
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

Order product name	DN145B LED20S/830 IA1 WH
Full product name	DN145B LED20S/830 IA1 WH
Full product code	871869996098899
Order code	910500465898
Material Nr. (12NC)	910500465898
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699960988
Numerator - Packs per outer box	10
EAN/UPC - Case	8718699961046

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Dimensional drawing

