



CoreLine SlimDownlight

DN145B LED20S/840 PSU II WH

LED Module, system flux 2000 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.;The 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 that our recessed luminaire fits the same-size cut-out, while the minimal built-in depth of 34 mm 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[1pc]
Lamp family code	LED20S [LED Module, system flux 2000 lm]
Light source colour	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	90 [Beam angle 90°]
Optical cover/lens type	O [Opal]

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

Datasheet, 2021, November 1 data subject to change

CoreLine SlimDownlight

*-According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value. **Constant light output** No Number of products on MCB (16 A type B) B) **EU RoHS compliant** Ves **Unified glare rating CEN** **Doperating and Electrical** Input Voltage** 220 to 240 V Input frequency** 50 or 60 Hz Inrush current** 28.9 A Inrush current** 28.9 A Inrush time** 0.0016 ms Power factor (min.)* **Operating material** Aluminium die–cast** Reflector material** Optic and Apulication** Optical cover/lens material** Polystyrene Fixation material** Optical cover/lens finish** Oyeal diameter** Colour** White RAL9016** Dimensions (height x width x depth)** 1P20/44 [Finger-protected; wire-protected, wire-protecte	ENEC mark	ENEC mark
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Overall height 28 mm Overall diameter 215 mm Colour 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,	Fixation material	-
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Colour 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,	Overall height	28 mm
Colour 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,	Overall diameter	215 mm
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,	Colour	
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Ingress protection code IP20/44 [Finger-protected; wire-protected,	Approval and Application	
		IP20/44 Finger-protected: wire-protected
	gs p. stattion touc	splash-proof]

Mech. impact protection code	IKO2 [0.2 J standard]
Initial Performance (IEC Compliant	:)
Initial luminous flux (system flux)	2100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>80
Initial chromaticity	(0.38212,0.38031) SDCM<3
Initial input power	21 W
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	liant)
Control gear failure rate at median usefu	ıl 5%
life 50,000 h	
Lumen maintenance at median useful	L70
life* 50,000 h	
Application Conditions	
Ambient temperature range	0 to +35 °C
Performance ambient temperature Tq	25 ℃
Maximum dimming level	Not applicable
Suitable for random switching	Yes
Product Data	
Full product code	871016333950499
Order product name	DN145B LED20S/840 PSU II WH
EAN/UPC – product	8710163339504
Order code	33950499
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
SAP material	911401806280

0.520 kg

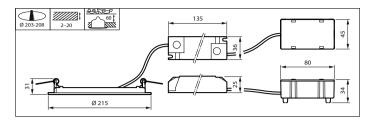




SAP net weight (piece)

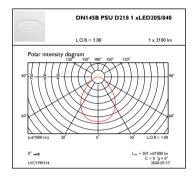
CoreLine SlimDownlight

Dimensional drawing

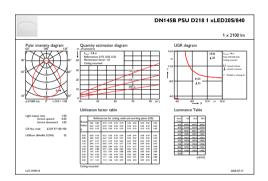


CoreLine SlimDownlight

Photometric data



OFPC1_DN145BPSUD2181xLED20S840



IFGU1_DN145BPSUD2181xLED20S840



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