



CoreLine SlimDownlight

DN135B LED20S/830 PSU II WH

LED Module, system flux 2000 lm, 830 warm white, Power supply unit (On/Off), Safety class II, White

CoreLine slimdownlight delivers on the CoreLine promise of innovative, easy-to-use and high-quality indoor LED downlights. The CoreLine slim downlight 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 colour 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 in stock. Simple and easy installation means that our slim downlight 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 option with integrated wireless communications in this family is available, to be used with InterAct gateways, sensors and software.

Product data

General Information	
Lamp family code	LED20S [LED Module, system flux 2000 lm]
Light source replaceable	No
Number of gear units	Unit
Gear	-
Driver included	Yes
Remarks	*- 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.
ighting Technology	LED
Value ladder	Performance

Datasheet, 2023, April 29 data subject to change

CoreLine SlimDownlight

Housing material

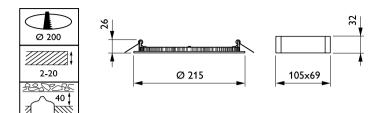
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
I Salita Tarakasi sa I	
Light Technical	
Luminous Flux	2,000 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	71 lm/W
Colour rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source colour	830 warm white
Optic type	-
Optical cover type	Opal
Luminaire light beam spread	135°
Unified Glare Rating (CEN)	28
Onevetine and Flactuited	
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
End CLO power consumption	- W
Inrush current	17 A
Inrush time	250 ms
Power Consumption	28 W
Power Factor (Fraction)	0.9
Connection	Push-in connector with 2 poles and pull
	relief
Cable	-
Number of products on MCB of 16 A type	32
В	
Temperature	
Ambient temperature range	0 to +35 °C
Ambient temperature range	0.0.33 C
Controls and Dimming	
	No
Dimmable	
Driver/power unit/transformer	Power supply unit (On/Off)

Aluminium

Reflector material Polycarbonate Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material Aluminium Housing Colour White Optical cover/lens finish Frosted Overall height 20 mm Overall diameter 215 mm Approval and Application Ingress protection code IP44 [Wire-protected, splash-proof] Mech. impact protection code IKO2 [0.2 J standard] Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance		
Optical cover/lens material Polycarbonate Fixation material Aluminium Housing Colour White Optical cover/lens finish Frosted Overall height 20 mm Overall diameter 215 mm Approval and Application Ingress protection code IP44 [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 (0.42, 0.40) SDCM <5 Power consumption tolerance +/-10% Over Time Performance (IEC Compliant) Driver failure rate at 5,000 hours 5% Control gear failure rate at median useful life* Lumen maintenance at median useful life* Loos 1,000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN135B LED20S/830 PSU II WH Full product name	Reflector material	Polycarbonate
Fixation material Aluminium Housing Colour White Optical cover/lens finish Frosted Overall height 20 mm Overall diameter 215 mm Approval and Application Ingress protection code IP44 [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 (0.42, 0.40) SDCM <5 Power consumption tolerance +/-10% Over Time Performance (IEC Compliant) Driver failure rate at 5,000 hours 5% Control gear failure rate at median useful life* L70 50,000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN135B LED20S/830 PSU II WH Full product name DN135B LED20S/830 PSU II WH	Optic material	Polycarbonate
Housing Colour White Optical cover/lens finish Frosted Overall height Overall diameter 215 mm Approval and Application Ingress protection code IP44 [Wire-protected, splash-proof] Mech. impact protection code IRO2 [0.2 J standard] Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance Initial chromaticity (0.42, 0.40) SDCM <5 Power consumption tolerance +/-10% Over Time Performance (IEC Compliant) Driver failure rate at 5,000 hours 5 % Control gear failure rate at median useful life* Life 50,000 h Lumen maintenance at median useful life* L70 50,000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Yes Product Data Order product name DN135B LED20S/830 PSU II WH Full product name DN135B LED20S/830 PSU II WH	Optical cover/lens material	Polycarbonate
Optical cover/lens finish Frosted Overall height 20 mm Overall diameter 215 mm Approval and Application Ingress protection code IP44 [Wire-protected, splash-proof] Mech. impact protection code IKO2 [0.2 J standard] Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-10% Initial chromaticity (0.42, 0.40) SDCM <5 Power consumption tolerance +/-10% Over Time Performance (IEC Compliant) Driver failure rate at 5,000 hours 5 % Control gear failure rate at median useful life* Life 50,000 h Lumen maintenance at median useful life* L70 50,000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN135B LED20S/830 PSU II WH Full product name DN135B LED20S/830 PSU II WH	Fixation material	Aluminium
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Approval and Application Ingress protection code IF04 [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 (0.42, 0.40) SDCM <5 Power consumption tolerance +/-10% Over Time Performance (IEC Compliant) Driver failure rate at 5,000 hours 5 % Control gear failure rate at median useful life* L70 50,000 h Lumen maintenance at median useful life* L70 50,000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN135B LED20S/830 PSU II WH Full product name DN135B LED20S/830 PSU II WH	Overall height	20 mm
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Over Time Performance (IEC Compliant) Driver failure rate at 5,000 hours 5 % Control gear failure rate at median useful 5 % life 50,000 h Lumen maintenance at median useful life* L70 50,000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN135B LED20S/830 PSU II WH Full product name DN135B LED20S/830 PSU II WH	Initial chromaticity	(0.42, 0.40) SDCM <5
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Lumen maintenance at median useful life* L70 50,000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN135B LED20S/830 PSU II WH Full product name DN135B LED20S/830 PSU II WH	Control gear failure rate at median useful	5 %
Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN135B LED20S/830 PSU II WH Full product name DN135B LED20S/830 PSU II WH	life 50,000 h	
Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN135B LED20S/830 PSU II WH Full product name DN135B LED20S/830 PSU II WH	Lumen maintenance at median useful life *	L70
Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN135B LED20S/830 PSU II WH Full product name DN135B LED20S/830 PSU II WH	50,000 h	
Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN135B LED20S/830 PSU II WH Full product name DN135B LED20S/830 PSU II WH		
Product Data Order product name DN135B LED20S/830 PSU II WH Full product name DN135B LED20S/830 PSU II WH	Application Conditions	
Product Data Order product name DN135B LED20S/830 PSU II WH Full product name DN135B LED20S/830 PSU II WH	Performance ambient temperature Tq	25 ℃
Order product name DN135B LED20S/830 PSU II WH Full product name DN135B LED20S/830 PSU II WH	Suitable for random switching	Yes
Order product name DN135B LED20S/830 PSU II WH Full product name DN135B LED20S/830 PSU II WH		
Full product name DN135B LED20S/830 PSU II WH	Product Data	
	Order product name	DN135B LED20S/830 PSU II WH
Full EOC 871869607044499	Full product name	DN135B LED20S/830 PSU II WH
	Full EOC	871869607044499
Order code 07044499	Order code	07044499
Material no. (12 NC) 910503910112	Material no. (12 NC)	910503910112
SAP numerator – quantity per pack 1	SAP numerator – quantity per pack	1
EAN/UPC — Product/Case 8718696070444	EAN/UPC — Product/Case	8718696070444
Numerator – packs per outer box 12	Numerator – packs per outer box	12
EAN/UPC - Case 8718696070529	EAN/UPC - Case	8718696070529

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Dimensional drawing





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