



# CoreLine SlimDownlight

### **DN145C LED10S/840 PSU II WH**

CoreLine SlimDownlight, Surface-mounted, 11 W, D155 mm, 1100 lm, 4000 K, CRI>80, 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	
Lamp family code	LED10S [LED Module, system flux 1000
	lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Lighting Technology	LED

Value ladder	Performance
Warranty period	5 years
Sustainability rating	-
Light Technical	
Luminous Flux	1,100 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K

Datasheet, 2025, January 24 data subject to change

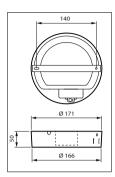
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uminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Beam angle of light source	120 degree(s)
ight source color	840 neutral white
ptic type	Beam angle 90°
uminaire light beam spread	84°
nified glare rating CEN	28
Operating and Electrical	
Operating and Electrical	220 to 240 V
nput Voltage	220 to 240 V
ine Frequency	50 or 60 Hz
nitial CLO power consumption	- W
verage CLO power consumption	- W
nrush current	10.1 A
nrush time	0.0022 ms
lower Consumption	11 W
ower Factor (Fraction)	0.9
onnection	Connection unit 2-pole
able	-
lumber of products on MCB of 16 A type B	47
uitable for random switching	Yes
rotection class IEC	Safety class II
otal harmonic distortion	20 %
Controls and Dimming	
Dimmable	No
Priver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable
MANIMANI MINI LEVEL	ποι αργιιτασίο
Mechanical and Housing	
lousing Material	Aluminum die cast
Reflector material	-
ptic material	Polymethyl methacrylate
Optical cover material	Polystyrene
ixation material	-
lousing Color	White
ptical cover finish	Opal
Overall height	50 mm
verall diameter	168 mm
ngress protection code	IP20/44 [Finger-protected; wire-
	protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	Opal
Net Weight (Piece)	0.550 kg
- ,	
Approval and Application	

Flammability mark	For mounting on normally flammable
	surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm to
	EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
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.
Flickering value (PstLM) - Flickering value as	
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	16
Ambient temperature range	0 to +35 °C
Ambient temperature range	0.10 +33 C
Initial Performance (IEC Compliant)	
Initial Performance (IEC Compliant)	. / 100/
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38212,0.38031) SDCM<3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching	SDCM≤3
(McAdam ellipse)	
Over Time Performance (IEC Complian	it)
Driver failure rate at 5000 h	0.0015 %
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful life*	L70
50000 h	
Product Data	
Order product name	DN145C LED10S/840 PSU II WH
Full product name	DN145C LED10S/840 PSU II WH
Full product code	871016333952899
Order code	911401806480
Material Nr. (12NC)	911401806480
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163339528
Numerator - Packs per outer box	10
EAN/UPC - Case	8710163339849

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### Dimensional drawing





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