



CoreLine SlimDownlight

DN145B LED10S/830 WIA-E WH

CoreLine SlimDownlight, 13 W, D155 mm, 1100 lm, 3000 K, CRI>80, Wireless, Interact Ready, 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
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)	3000 K
Luminous Efficacy (rated) (Nom)	93 lm/W
Color rendering index (CRI)	>80

Datasheet, 2025, January 10 data subject to change

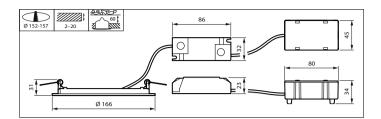
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120 degree(s)
830 warm white
Beam angle 90°
84°
28
220 to 240 V
50 or 60 Hz
- W
- W
4.5 A
0.0056 ms
13 W
0.9
Connection unit 2-pole
-
24
Yes
Safety class II
20 %
Yes
Wireless driver Interact System ready
external
Wireless
No No
No
No Not applicable
No Not applicable Interact Ready
No Not applicable
No Not applicable Interact Ready Aluminum die cast
No Not applicable Interact Ready Aluminum die cast - Polymethyl methacrylate
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No Not applicable Interact Ready Aluminum die cast - Polymethyl methacrylate Polystyrene - White Opal 166 mm 28 mm 166 mm IP20/44 [Finger-protected; wire-
No Not applicable Interact Ready Aluminum die cast - Polymethyl methacrylate Polystyrene - White Opal 166 mm 28 mm 166 mm

Net Weight (Piece)	0.327 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
Photobiological risk	Photobiological risk group 0 @200mm
	to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	0 to +35 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43657,0.40454) SDCM<3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching	SDCM≤3
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3
_	SDCM≤3
_	
(McAdam ellipse)	
(McAdam ellipse) Over Time Performance (IEC Compliant)
(McAdam ellipse) Over Time Performance (IEC Compliant Control gear failure rate at median useful life)
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(McAdam ellipse) Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Product Data Order product name	DN145B LED10S/830 WIA-E WH
(McAdam ellipse) Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Product Data Order product name Full product name	DN145B LED10S/830 WIA-E WH DN145B LED10S/830 WIA-E WH
(McAdam ellipse) Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Product Data Order product name Full product name Full product code	DN145B LED10S/830 WIA-E WH DN145B LED10S/830 WIA-E WH 871869997638599
(McAdam ellipse) Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Product Data Order product name Full product name Full product code Order code	DN145B LED10S/830 WIA-E WH DN145B LED10S/830 WIA-E WH 871869997638599 910505101195
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(McAdam ellipse) Over Time Performance (IEC Compliant Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	DN145B LED10S/830 WIA-E WH DN145B LED10S/830 WIA-E WH 871869997638599 910505101195 910505101195
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Dimensional drawing





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