



CoreLine Downlight

DN140B LED10S/840 PSU WR PI6

840 neutral white - Power supply unit - White reflector without louver - Push-in connector 6-pole - Finger-protected

The CoreLine Downlight range of recessed luminaires is designed to replace CFL-ni/CFL-i based downlight luminaires. Their attractive TCO helps customers to make the switch to LED. These luminaires create a natural lighting effect for use in general lighting applications. They also deliver instant energy savings and have a much longer lifetime, creating a real value-for-money and environmentally friendly solution. They are easy to install thanks to their standard cut-out size and push-in connectors.

Product data

General Information		CE mark	CE mark
Beam angle of light source	120 °	ENEC mark	-
Light source colour	840 neutral white	Warranty period	5 years
Light source replaceable	No	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.
Number of gear units	1 unit	Constant light output	No
Driver/power unit/transformer	PSU [Power supply unit]	Number of products on MCB (16 A type B)	48
Driver included	Yes	EU RoHS compliant	Yes
Optic type	WR [White reflector without louver]	Unified glare rating CEN	25
Luminaire light beam spread	90°		
Control interface	-		
Connection	Push-in connector 6-pole		
Cable	-		
Protection class IEC	Safety class I		
Glow-wire test	Temperature 850 °C, duration 5 s		
Flammability mark	F [For mounting on normally flammable surfaces]		

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Operating and Electrical

Input Voltage	220-240 V
Input frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
End CLO power consumption	- W
Inrush current	2.2 A
Inrush time	0.045 ms
Power factor (min.)	0.95

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Polycarbonate
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Frosted
Overall length	0 mm
Overall width	0 mm
Overall height	100 mm
Overall diameter	162 mm
Colour	White RAL 9003
Dimensions (height x width x depth)	100 x 0 x 0 mm (3.9 x 0 x 0 in)

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	1100 lm
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Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	116 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	≥80
Initial chromaticity	(0.381,0.379) SDCM≤5
Initial input power	9.5 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L70

Application Conditions

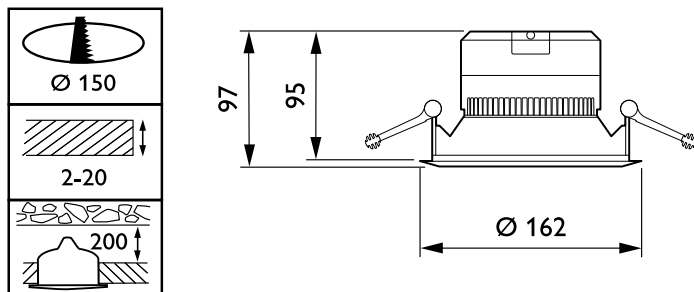
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable
Suitable for random switching	Yes

Product Data

Full product code	871016332581100
Order product name	DN140B LED10S/840 PSU WR PI6
EAN/UPC – product	8710163325811
Order code	32581100
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	911401631105
SAP net weight (piece)	0.320 kg

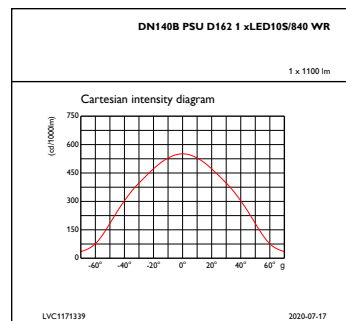
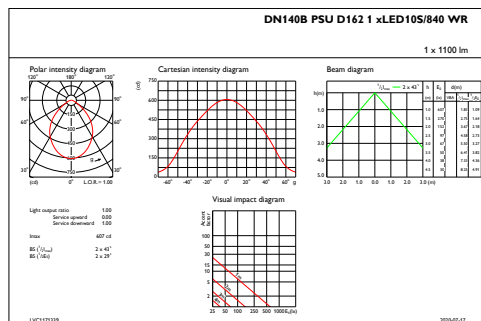


Dimensional drawing



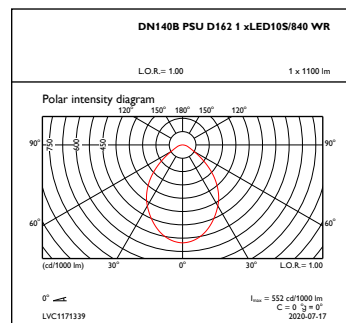
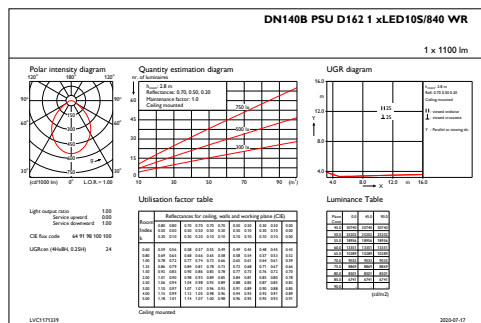
CoreLine Downlight DN140B

Photometric data



IFAS1_DN140BPSUD1621xLED10S840WR

IFCC1_DN140BPSUD1621xLED10S840WR



IFGU1_DN140BPSUD1621xLED10S840WR

OFPC1_DN140BPSUD1621xLED10S840WR

