



# CoreLine Downlight

## DN140B LED10S/830 PSU WR IP54 PI6

830 warm white - Power supply unit - White reflector without louver - Push-in connector 6-pole - Finger-protected; dust accumulation-protected, splash-proof

CoreLine Downlight delivers on the CoreLine promise of innovative, easy to use and high-quality luminaires. 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. InterAct Ready luminaires with integrated wireless communications in this family available, to be used with InterAct gateways, sensors and software.

### Product data

General Information		Protection class IEC	Safety class I
Beam angle of light source	120 °	Glow-wire test	Temperature 850 °C, duration 5 s
Light source color	830 warm white	Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	No	CE mark	CE mark
Number of gear units	1 unit	ENEC mark	-
Driver/power unit/transformer	Power supply unit	Warranty period	5 years
Driver included	Yes	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
Optic type	White reflector without louver		
Luminaire light beam spread	90°		
Control interface	-		
Connection	Push-in connector 6-pole		
Cable	-		

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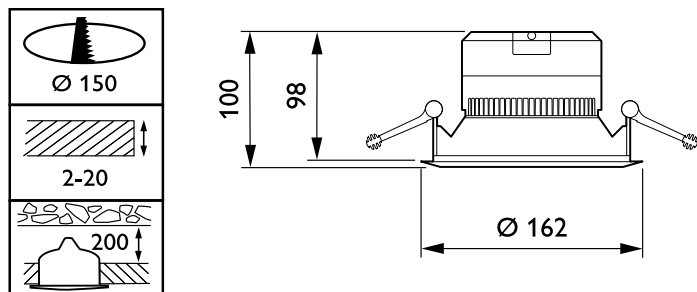
	B10. Therefore, the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB of 16 A type B	48
EU RoHS compliant	Yes
Service tag	Yes
Unified glare rating CEN	25
<b>Operating and Electrical</b>	
Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
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
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
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
Color	White RAL 9003
Dimensions (Height x Width x Depth)	100 x 0 x 0 mm (3.9 x 0 x 0 in)
<b>Approval and Application</b>	
Ingress protection code	IP20/54 [ Finger-protected; dust accumulation-protected, splash-proof]

Mech. impact protection code	IK02 [ 0.2 J standard]
<b>Initial Performance (IEC Compliant)</b>	
Initial luminous flux (system flux)	1100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	116 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.435,0.405) SDCM≤5
Initial input power	9.5 W
Power consumption tolerance	+/-10%
<b>Over Time Performance (IEC Compliant)</b>	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L70
<b>Application Conditions</b>	
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes
<b>Product Data</b>	
Full product code	871016332596500
Order product name	DN140B LED10S/830 PSU WR IP54 PI6
EAN/UPC - Product	8710163325965
Order code	911401632605
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	911401632605
Net Weight (Piece)	0.420 kg



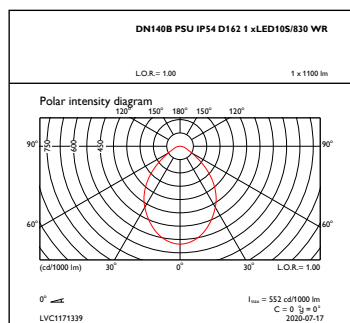
## CoreLine Downlight

## Dimensional drawing

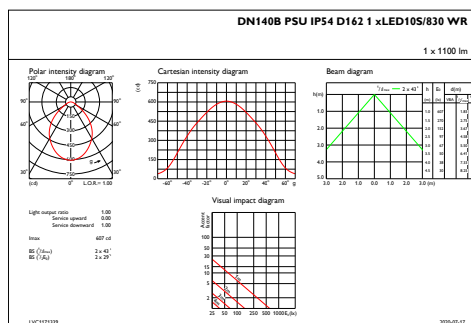


## CoreLine Downlight DN140B

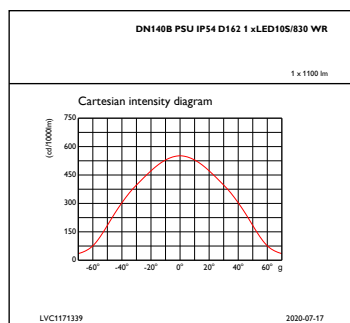
## Photometric data



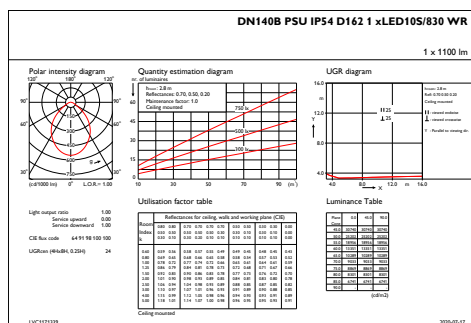
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IFAS1\_DN140BPSUIP54D1621xLED10S830WR



IFCC1\_DN140BPSUIP54D1621xLED10S830WR



IFGU1\_DN140BPSUIP54D1621xLED10S830WR

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