



CoreLine Downlight

DN140B LED10S/830 PSU C IP54 PI6

830 warm white - Power supply unit - High-gloss mirror - Push-in connector 6-pole - Finger-protected; dust accumulation-protected, splash-proof

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		Flammability mark	F [For mounting on normally flammable surfaces]
Beam angle of light source	120 °	CE mark	CE mark
Light source colour	830 warm white	ENEC mark	-
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	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.
Driver/power unit/transformer	PSU [Power supply unit]	Constant light output	No
Driver included	Yes	Number of products on MCB	48
Optic type	C [High-gloss mirror]	RoHS mark	RoHS mark
Luminaire light beam spread	60°		
Control interface	-		
Connection	Push-in connector 6-pole		
Cable	-		
Protection class IEC	Safety class I		
Glow-wire test	Temperature 850 °C, duration 5 s		

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Unified glare rating CEN	22
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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	Aluminium die-cast
Reflector material	Polycarbonate aluminium coated
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

Approval and Application

Ingress protection code	IP20/54 [Finger-protected; dust accumulation-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux	1100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	116 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.433,0.405) SDCM≤5
Initial input power	9.5 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

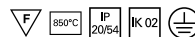
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L70

Application Conditions

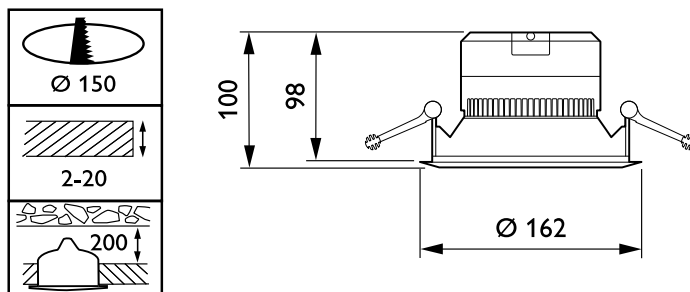
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable

Product Data

Full product code	871016332604700
Order product name	DN140B LED10S/830 PSU C IP54 PI6
EAN/UPC – product	8710163326047
Order code	32604700
Numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12NC)	911401633405
Net weight (piece)	0.420 kg



Dimensional drawing



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