



# CoreLine Downlight

## DN140B LED10S/830 PSU WR PI6

830 warm 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. InterAct Ready luminaires with integrated wireless communications in this family available, to be used with InterAct gateways, sensors and software.

### Product data

General Information		Flammability mark	For mounting on normally flammable surfaces
Beam angle of light source	120 °	CE mark	CE mark
Light source color	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	Power supply unit	Constant light output	No
Driver included	Yes	Number of products on MCB of 16 A type B	48
Optic type	White reflector without louver	RoHS mark	RoHS mark
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		

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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	Aluminum die cast
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	Black and white
<b>Approval and Application</b>	
Ingress protection code	IP20 [ Finger-protected]
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%

## Over Time Performance (IEC Compliant)

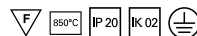
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L70

## Application Conditions

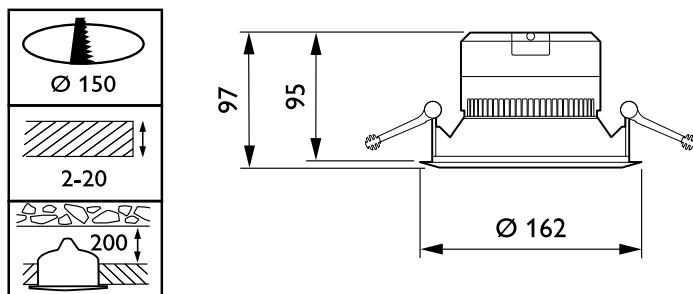
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No

## Product Data

Full product code	871016332580400
Order product name	DN140B LED10S/830 PSU WR P16
EAN/UPC - Product	8710163325804
Order code	911401631005
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	911401631005
Net Weight (Piece)	0.320 kg



## Dimensional drawing



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