# **PHILIPS** Lighting



# **CoreLine Downlight**

# DN140B LED10S/840 PSU WR PI6

CoreLine Downlight, 9.5 W, D150 mm, 1100 lm, 4000 K, White reflector, Frosted, IP20

CoreLine Downlight delivers on the CoreLine promise of innovative, easy to use and high-quality recessed downlights. The CoreLine Downlight range is suitable for oneto-one conventional luminaire replacements, with an attractive TCO that helps customers to make the switch to LED. These recessed downlights create uniform light distribution 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. CoreLine DN140B recessed downlights are easy to install thanks to their standard cut-out size and push-in connectors. An InterAct Ready option with integrated wireless communications is available in this family, which can be used with InterAct gateways, sensors and software.

#### **Product data**

General Information		Value ladder	Performance
Light source replaceable	No	CE mark	Yes
Number of gear units	1 unit	Warranty period	5 years
Driver included	Yes	Flammability mark	For mounting on normally flammable
Remarks	*-Per Lighting Europe guidance paper		surfaces
	"Evaluating performance of LED based	ENEC mark	-
	luminaires - January 2018": statistically	Glow-wire test	Temperature 850 °C, duration 30 s
	there is no relevant difference in lumen	EU RoHS compliant	Yes
	maintenance between B50 and for		
	example B10. Therefore, the median	Light Technical	
	useful life (B50) value also represents the	Luminous Flux	1,100 lm
	B10 value.	Saturated Red (R9)	<50
Service tag	Yes	Correlated Color Temperature (Nom)	4000 K
Lighting Technology	LED		

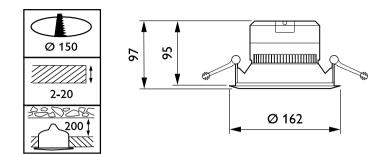
### **CoreLine Downlight**

Luminous Efficacy (rated) (Nom)	115 lm/W
Luminous Efficacy (rated) (Nom) Color rendering index (CRI)	115 lm/ w ≥80
Flickering value (PstLM) - Flickering value as	
per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Beam angle of light source	
	120 degree(s)
Light source color	840 neutral white
Optic type	- 60°
Luminaire light beam spread	
Unified glare rating CEN	25
Operating and Electrical	
Input Voltage	220-240 V
Line 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 Consumption	9.5 W
Power Factor (Fraction)	0.95
Connection	Push-in connector 6-pole
Cable	-
Number of products on MCB of 16 A type B	24
Temperature	
Ambient temperature range	-20 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
· Fixation material	Steel
Housing Color	White
Optical cover finish	Frosted

Reflector Finish	White reflector
Overall height	82 mm
Overall diameter	162 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1@200mm to
	EN62778
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.381,0.379) SDCM≦5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Complian	t)
Driver failure rate at 5000 h	1%
Control gear failure rate at median useful life	
50000 h	
Lumen maintenance at median useful life*	L70
50000 h	2.0
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Suitable for random switching	Yes
Product Data	
Order product name	DN140B LED10S/840 PSU WR PI6
Full product name	DN140B LED10S/840 PSU WR PI6
Full product code	871016332581100
Order code	911401631105
Material Nr. (12NC)	911401631105
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163325811
Numerator - Packs per outer box	6
EAN/UPC - Case	8710163334738

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#### Dimensional drawing





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