# **PHILIPS** Lighting



# **CoreLine Downlight**

# DN140B LED20S/830 PSU C PI6

- 830 warm white - Power supply unit (ON/OFF) - High-gloss mirror - Push-in connector 6-pole - IP20 | Finger-protected

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		
Number of gear units	1 unit	Light Technical	
Driver included	Yes	Luminous Flux	2,200 lumen
Remarks	*-Per Lighting Europe guidance paper	Saturated Red (R9)	<50
	"Evaluating performance of LED based	Correlated Color Temperature (Nom)	3000 K
	luminaires - January 2018": statistically	Luminous Efficacy (rated) (Nom)	116 lm/W
	there is no relevant difference in lumen	Color rendering index (CRI)	≥80
	maintenance between B50 and for	Beam angle of light source	120 degree(s)
	example B10. Therefore, the median useful	Light source color	830 warm white
	life (B50) value also represents the B10	Optic type	-
	value.	Luminaire light beam spread	60°
Service tag	Yes		
Lighting Technology	LED		

## **CoreLine Downlight**

Unified glare rating CEN	22	
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Operating and Electrical		
Input Voltage	220-240 V	
Line Frequency	50 to 60 Hz	
Input Frequency	50 to 60 Hz	
Initial CLO power consumption	- W	
Average CLO power consumption	- W	
Power Consumption	19 W	
End CLO power consumption	- W	
Inrush current	2.2 A	
Inrush time	0.045 ms	
Power Factor (Fraction)	0.95	
Connection	Push-in connector 6-pole	
Cable	-	
Number of products on MCB of 16 A type B	48	
Temperature		
Ambient temperature range	-20 to +40 °C	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit (ON/OFF)	
Control interface	-	
Constant light output	No	
Mechanical and Housing		
Housing Material	Polycarbonate	
Reflector material	Polycarbonate aluminum coated	
Optic material	Polycarbonate	
Optical cover/lens material	Polycarbonate	
Fixation material	Steel	
Housing Color	White	
Optical cover/lens finish	Frosted	
Reflector Finish	High-gloss reflector	
Overall length	0 mm	
Overall width	0 mm	
Overall height	108 mm	
Overall diameter	216 mm	
Dimensions (Height x Width x Depth)	108 x 0 x 0 mm	

Mech. impact protection code	IK02 [0.2 J standard]			
Sustainability rating	-			
Protection class IEC	Safety class I			
Glow-wire test	Temperature 850 °C, duration 5 s			
Flammability mark	For mounting on normally flammable			
	surfaces			
CE mark	Yes			
ENEC mark	-			
Warranty period	5 years			
EU RoHS compliant	Yes			
Initial Performance (IEC Compliant)				
Luminous flux tolerance	+/-10%			
Initial chromaticity	(0.432,0.404) SDCM≦5			
Power consumption tolerance	+/-10%			
Over Time Performance (IEC Compliant)				
Driver failure rate at 5000 h	1%			
Control gear failure rate at median useful	5 %			
life 50000 h				
Lumen maintenance at median useful life*	L70			
50000 h				
Application Conditions				
Performance ambient temperature Tq	25 ℃			
Maximum dim level	Not applicable			
Suitable for random switching	Yes			
Product Data				
Full product code	871016332592700			
Order product name	DN140B LED20S/830 PSU C PI6			
EAN/UPC - Product	8710163325927			
Order code	911401632205			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	6			
Material number (12NC)	911401632205			
Full product name	DN140B LED20S/830 PSU C PI6			
EAN/UPC - Case				



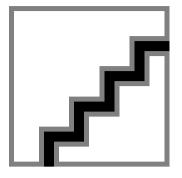
Approval and Application

Ingress protection code

IP20 [Finger-protected]

## **CoreLine Downlight**

#### Dimensional drawing





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