PHILIPS Lighting



CoreLine Recessed Spot

RS140B LED6-32-/840 PSR PI6 WH

CoreLine Recessed Spot, 8 W, 650 lm, 4000 K, Analog, Beam angle 32°, White RAL9010

CoreLine Recessed Spot delivers on the CoreLine promise of innovative, easy to use and high-quality luminaires. CoreLine Recessed Spot is a recessed spot range designed to replace halogen-based luminaires. Its halogen-like look and attractive price make it easier for customers to make the switch to LED. This product provides a natural lighting effect for accent lighting applications, as well as instant energy savings and much longer lifetime – an environmentally friendly solution. With the push-in connectors, installation is fast and straightforward.

Product data

General Information		Warranty per
Light source replaceable	No	Flammability
Number of gear units	1 unit	
Driver included	Yes	ENEC mark
Remarks	*-Per Lighting Europe guidance paper	Glow-wire te
	"Evaluating performance of LED based	EU RoHS com
	luminaires - January 2018": statistically there	
	is no relevant difference in lumen	Light Techn
	maintenance between B50 and for example	Luminous Flu
	B10. Therefore, the median useful life (B50)	Correlated Co
	value also represents the B10 value.	Luminous Effi
Lighting Technology	LED	Color renderi
Value ladder	Performance	Beam angle o
CE mark	Yes	Light source of

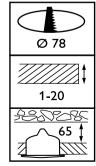
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	650 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	82 lm/W
Color rendering index (CRI)	85
Beam angle of light source	32 degree(s)
Light source color	840 neutral white

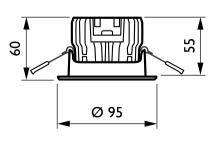
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Optic type	Beam angle 32°	
Luminaire light beam spread	32°	
Unified glare rating CEN	22	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Inrush current	7 A	
Inrush time	500 ms	
Power Consumption	8 W	
Power Factor (Fraction)	0.9	
Connection	Push-in connector 6-pole	
Cable	-	
Number of products on MCB of 16 A type	40	
3		
Femperature		
Ambient temperature range	0 to +35 °C	
Controls and Dimming		
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit regulating	
Control interface	Analog	
Constant light output	No	
Mechanical and Housing		
Iousing Material	Aluminum die cast	
Reflector material	Polycarbonate	
Optic material	Polycarbonate	
Optical cover material	Polycarbonate	
Fixation material	Stainless steel	
Housing Color	White RAL9010	
Optical cover finish	Clear	
		-
Overall height	59.5 mm	

Approval and Application			
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]		
Mech. impact protection code	IK02 [0.2 J standard]		
Sustainability rating	-		
Protection class IEC	Safety class II		
Initial Performance (IEC Compliant)			
Luminous flux tolerance	+/-10%		
Initial chromaticity	(0.38, 0.38) SDCM <5		
Power consumption tolerance	+/-10%		
Over Time Performance (IEC Compliant)			
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	10%		
Suitable for random switching	Yes		
Product Data			
Order product name	RS140B LED6-32-/840 PSR PI6 WH		
Full product name	RS140B LED6-32-/840 PSR PI6 WH		
Full product code	871869938279799		
Order code	912401483033		
Material Nr. (12NC)	912401483033		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718699382797		
Numerator - Packs per outer box	18		
EAN/UPC - Case	8718699383060		

Dimensional drawing





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