PHILIPS Lighting



CoreLine Recessed Spot

RS140B LED6-32-/830 PSR PI6 WH

LED Module 600 lm, 32 degree(s), 830 warm white, Power supply unit regulating, Push-in connector 6-pole, White

CoreLine Recessed Spot is a recessed spot range designed to replace halogenbased 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		
Lamp family code	LED6 [LED Module 600 lm]	
Cap base	- [-]	
Light source replaceable	No	
Number of gear units	Unit	
Driver included	Yes	
Remarks	*- According to the Lighting Europe guidance	
	paper 'Evaluating performance of LED based	
	luminaires – January 2018': statistically there	
	is no relevant difference in lumen	
	maintenance between the B50 and, for	
	example, the B10. Therefore, the median	
	useful life (B50) value also represents the B10	
	value.	
Lighting Technology	LED	

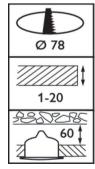
Value ladder	Performance	
CE mark	Yes	
Warranty period	3 years + 2 years upon registration	
Flammability mark	For mounting on normally flammable surfaces	
ENEC mark	-	
Glow-wire test	Temperature 850 °C, duration 5 s	
EU RoHS compliant	Yes	
Light Technical		
Luminous Flux	650 lm	
Correlated Colour Temperature	3000 K	
Luminous efficacy (rated) (nom.)	65 lm/W	
Colour rendering index (CRI)	85	
Beam angle of light source	32 degree(s)	
Light source colour	830 warm white	

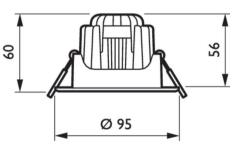
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Optic type	Beam angle 32°	Approval and Application
Optical cover type	Polycarbonate bowl/cover clear	Ingress protection code
Luminaire light beam spread	32°	
		Mech. impact protection code
Operating and Electrical		Protection class IEC
nput Voltage	220 to 240 V	
ine Frequency	50 to 60 Hz	Initial Performance (IEC Co
nrush current	7 A	Luminous flux tolerance
nrush time	500 ms	Initial chromaticity
Power Consumption	10 W	Power consumption tolerance
Power Factor (Fraction)	0.9	
Connection	Push-in connector 6-pole	Over Time Performance (IE
Cable	-	Control gear failure rate at med
Number of products on MCB of 16 A type	3 -	useful life 50,000 h
В		Lumen maintenance at median
		life* 50,000 h
Temperature		
Ambient temperature range	0 to +35 °C	Application Conditions
		Performance ambient temperat
Controls and Dimming		Maximum dim level
Dimmable	Yes	Suitable for random switching
Driver/power unit/transformer	Power supply unit regulating	
Control interface	Analogue	Product Data
Constant light output	No	Order product name
		Full product name
Mechanical and Housing		Full EOC
Housing material	Aluminium	Order code
Reflector material	Polycarbonate	Material no. (12 NC)
Optic material	Polycarbonate	SAP numerator – quantity per p
Optical cover/lens material	Polycarbonate	EAN/UPC — Product/Case
Fixation material	Stainless steel	Numerator – packs per outer bo
Housing Colour	White	EAN/UPC - Case
Optical cover/lens finish	Clear	
Overall height	60 mm	
Overall diameter	95 mm	

Ingress protection code	IP54 [Dust accumulation-protected, splash	
	proof]	
Mech. impact protection code	IK02 [0.2 J standard]	
Protection class IEC	Safety class II	
Initial Performance (IEC Complian	t)	
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.42, 0.40) SDCM <5	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Comp	oliant)	
Control gear failure rate at median	5 %	
useful life 50,000 h		
Lumen maintenance at median useful	L70	
life* 50,000 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-/830 PSR PI6 WH	
Full product name	RS140B LED6-32-/830 PSR PI6 WH	
Full EOC	871869606898499	
Order code	06898499	
Material no. (12 NC)	910503910053	
SAP numerator – quantity per pack	1	
EAN/UPC — Product/Case	8718696068984	
Numerator – packs per outer box	18	
EAN/UPC - Case	8718696069103	

Dimensional drawing





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