PHILIPS Lighting



CoreLine Recessed Spot

RS141B LED7-32-/830 PSR PI6 ALU DT

CoreLine Recessed Spot, 16 W, 700 lm, 3000 K, Analog, Beam angle 32°, Aluminum

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	
Lamp family code	LED7S [LED Module, system flux 700 lm]
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
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.
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 650 °C, duration 5 s	
EU RoHS compliant	Yes	
Light Technical		
Luminous Flux	700 lm	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	44 lm/W	
Color rendering index (CRI)	85	

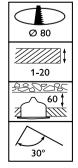
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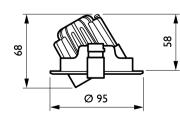
Number of light sources	1	Overall height
Beam angle of light source	32 degree(s)	Overall diameter
Light source color	830 warm white	
Optic type	Beam angle 32°	Approval and Applicati
Optical cover type	Polycarbonate bowl/cover clear	Ingress protection code
Luminaire light beam spread	32°	Mech. impact protection co
		Protection class IEC
Operating and Electrical		
Input Voltage	220 to 240 V	Initial Performance (IE
Line Frequency	50 to 60 Hz	Luminous flux tolerance
Inrush current	7 A	Initial chromaticity
Inrush time	500 ms	Power consumption tolera
Power Consumption	16 W	
Power Factor (Fraction)	0.9	Over Time Performance
Connection	Push-in connector 6-pole	Control gear failure rate at
Cable	-	life 50000 h
Number of products on MCB of 16 A typ	e -	Lumen maintenance at me
В		life* 50000 h
Temperature		Application Conditions
Ambient temperature range	0 to +35 ℃	Performance ambient temp
		Maximum dim level
Controls and Dimming		Suitable for random switch
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit regulating	Product Data
Control interface		
	Analog	Order product name
Constant light output		
Constant light output	Analog	Order product name
Constant light output Mechanical and Housing	Analog	Order product name Full product name
	Analog	Order product name Full product name Full product code
Mechanical and Housing	Analog No	Order product name Full product name Full product code Order code Material Nr. (12NC)
Mechanical and Housing Housing Material	Analog No Aluminum die cast	Order product name Full product name Full product code Order code Material Nr. (12NC)
Mechanical and Housing Housing Material Reflector material	Analog No Aluminum die cast Polycarbonate	Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per I
Mechanical and Housing Housing Material Reflector material Optic material	Analog No Aluminum die cast Polycarbonate Polycarbonate	Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per I EAN/UPC - Product/Case
Mechanical and Housing Housing Material Reflector material Optic material Optical cover material	Analog No Aluminum die cast Polycarbonate Polycarbonate Polycarbonate	Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per I EAN/UPC - Product/Case Numerator - Packs per out

Overall diameter	95 mm	
Approval and Application		
Ingress protection code	IP44 [Wire-protected, splash-proof]	
Mech. impact protection code	IK02 [0.2 J standard]	
Protection class IEC	Safety class II	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.42, 0.40) SDCM <5	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median useful	15%	
life 50000 h		
Lumen maintenance at median useful	L70	
life* 50000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	10%	
Suitable for random switching	Yes	
Product Data		
Order product name	RS141B LED7-32-/830 PSR PI6 ALU DT	
Full product name	RS141B LED7-32-/830 PSR PI6 ALU DT	
Full product code	871869607139799	
Order code	910503910153	
Material Nr. (12NC)	910503910153	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696071397	
Numerator - Packs per outer box	18	
EAN/UPC - Case	8718696071403	

58 mm

Dimensional drawing





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