# **PHILIPS** Lighting



# **CoreLine Recessed Spot**

## RS141B LED6-32-/830 PSR PI6 ALU

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

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		C
Lamp family code	LED6 [LED Module 600 lm]	W
Cap-Base	- [-]	Fl
Light source replaceable	No	
Number of gear units	1 unit	E
Driver included	Yes	G
Remarks	*-Per Lighting Europe guidance paper	E
	"Evaluating performance of LED based	
	luminaires - January 2018": statistically there	L
	is no relevant difference in lumen	L
	maintenance between B50 and for example	C
	B10. Therefore, the median useful life (B50)	Lu
	value also represents the B10 value.	C
Lighting Technology	LED	N
Value ladder	Performance	В

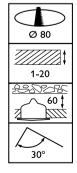
CE mark	Yes
Warranty period	3 years + 2 years upon registration
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	-
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	650 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	65 lm/W
Color rendering index (CRI)	85
Number of light sources	1
Beam angle of light source	32 degree(s)

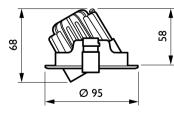
### **CoreLine Recessed Spot**

Light source color	830 warm white	Overall diamete
Optic type	Beam angle 32°	
Optical cover type	Polycarbonate bowl/cover clear	Approval and
Luminaire light beam spread	32°	Ingress protecti
		Mech. impact p
Operating and Electrical		Protection class
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	Initial Perform
Inrush current	7 A	Luminous flux t
Inrush time	500 ms	Initial chromatic
Power Consumption	10 W	Power consump
Power Factor (Fraction)	0.9	
Connection	Push-in connector 6-pole	Over Time Pe
Cable	-	Control gear fai
Number of products on MCB of 16 A ty	ype -	life 50000 h
В		Lumen mainten
		life* 50000 h
Temperature		
Ambient temperature range	0 to +35 °C	Application C
		Performance ar
Controls and Dimming		Maximum dim l
Dimmable	Yes	Suitable for ran
Driver/power unit/transformer	Power supply unit regulating	
Control interface	Analog	Product Data
Constant light output	No	Order product r
		Full product na
Mechanical and Housing		Full product cod
Housing Material	Aluminum	Order code
Reflector material	Polycarbonate	Material Nr. (12
Optic material	Polycarbonate	Numerator - Qu
Optical cover material	Polycarbonate	EAN/UPC - Pro
Fixation material	Stainless steel	Numerator - Pa
Housing Color	Aluminum	EAN/UPC - Cas
Optical cover finish	Clear	

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	l 5%			
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 LED6-32-/830 PSR PI6 ALU			
Full product name	RS141B LED6-32-/830 PSR PI6 ALU			
Full product code	871869606907399			
Order code	06907399			
Material Nr. (12NC)	910503910062			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8718696069073			
Numerator - Packs per outer box	18			
EAN/UPC - Case	8718696069196			

#### Dimensional drawing





**CoreLine Recessed Spot** 



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