



CoreLine Recessed Spot

RS140B LED6-32-/840 PSR PI6 ALU

LED Module 600 lm, 32 degree(s), 840 neutral white, Power supply unit regulating, Push-in connector 6-pole, 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	LED6 [LED Module 600 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 850 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	650 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	65 lm/W
Color rendering index (CRI)	85
Number of light sources	1

Datasheet, 2023, October 9 data subject to change

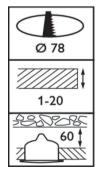
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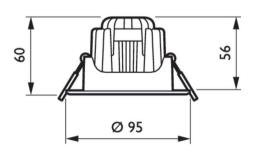
Beam angle of light source 32 degree(s) Light source color 840 neutral white Optic type Beam angle 32° Optical cover type Polycarbonate bowl/cover clear Luminaire light beam spread 32° Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 7 A Inrush current 7 A Inrush time 500 ms Power Consumption 10 W Power Factor (Fraction) 0.9 Connection Push-in connector 6-pole Cable - Number of products on MCB of 16 A type B B Temperature 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 Housing Material Aluminum Reflector material Polycarbonate Optic and cover material Polycarbonate Fixation material Stainless steel Housing Color Aluminum Optical cover finish Clear Overall height Overall height Overall height Overall height Optical cover finish Clear		
Optic type Optical cover type Polycarbonate bowl/cover clear Audinaire light beam spread Operating and Electrical Input Voltage Line Frequency Inrush current TA Inrush time Soo ms Power Consumption Operation Push-in connector 6-pole Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range Oto +35 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Control interface Analog Constant light output No Mechanical and Housing Housing Material Polycarbonate Optic material Polycarbonate Optical cover finish Clear	Beam angle of light source	32 degree(s)
Optical cover type Polycarbonate bowl/cover clear Luminaire light beam spread 32° Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 7A Inrush time 500 ms Power Consumption 10 W Power Factor (Fraction) 0.9 Connection Push-in connector 6-pole	Light source color	840 neutral white
Controls and Dimming Dimmable Priver/power unit/transformer Control interface Constant light output No Mechanical and Housing Housing Material Reflector material Polycarbonate Optical cover finish Cureat So to 60 Hz Cable Controls and Dimming Dimmable Constant light output Constant Polycarbonate Coptical cover finish Clear Coptical cover finish Cot to 60 Hz Con 20 to 60 Hz Con 40 Hz	Optic type	Beam angle 32°
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 10 W Power Factor (Fraction) 0.9 Connection Push-in connector 6-pole Cable - Number of products on MCB of 16 A type - B Temperature 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 Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Stainless steel Housing Color Aluminum Optical cover finish Clear	Optical cover type	Polycarbonate bowl/cover clear
Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 7A Inrush time 500 ms Power Consumption 10 W Power Factor (Fraction) 0.9 Connection Push-in connector 6-pole Cable - Number of products on MCB of 16 A type - B Temperature 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 Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Optic material Stainless steel Housing Color Aluminum Optical cover finish Clear	Luminaire light beam spread	32°
Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 7A Inrush time 500 ms Power Consumption 10 W Power Factor (Fraction) 0.9 Connection Push-in connector 6-pole Cable - Number of products on MCB of 16 A type - B Temperature 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 Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Optic material Stainless steel Housing Color Aluminum Optical cover finish Clear		
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Inrush time 500 ms Power Consumption 10 W Power Factor (Fraction) 0.9 Connection Push-in connector 6-pole Cable - Number of products on MCB of 16 A type - B Temperature 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 Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Fixation material Stainless steel Housing Color Aluminum Optical cover finish Clear	Line Frequency	50 to 60 Hz
Power Consumption 10 W Power Factor (Fraction) 0.9 Connection Push-in connector 6-pole Cable - Number of products on MCB of 16 A type - B Temperature 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 Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Stainless steel Housing Color Aluminum Optical cover finish Clear	Inrush current	7 A
Power Factor (Fraction) Connection Push-in connector 6-pole Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range O to +35 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Control interface Analog Constant light output No Mechanical and Housing Housing Material Reflector material Optic material Optic material Optical cover material Fixation material Housing Color Aluminum Optical cover finish Clear	Inrush time	500 ms
Connection Push-in connector 6-pole Cable - Number of products on MCB of 16 A type - B Temperature 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 Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Stainless steel Housing Color Aluminum Optical cover finish Clear	Power Consumption	10 W
Cable - Number of products on MCB of 16 A type - B Temperature 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 Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Stainless steel Housing Color Aluminum Optical cover finish Clear	Power Factor (Fraction)	0.9
Number of products on MCB of 16 A type B Temperature Ambient temperature range	Connection	Push-in connector 6-pole
Temperature 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 Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Polycarbonate Fixation material Stainless steel Housing Color Aluminum Optical cover finish Clear	Cable	-
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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 Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Polycarbonate Fixation material Stainless steel Housing Color Aluminum Optical cover finish Clear	В	
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 Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Polycarbonate Fixation material Stainless steel Housing Color Aluminum Optical cover finish Clear		
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Dimmable Yes Driver/power unit/transformer Power supply unit regulating Control interface Analog Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Polycarbonate Fixation material Stainless steel Housing Color Aluminum Optical cover finish Clear	Ambient temperature range	0 to +35 °C
Dimmable Yes Driver/power unit/transformer Power supply unit regulating Control interface Analog Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Polycarbonate Fixation material Stainless steel Housing Color Aluminum Optical cover finish Clear		
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Control interface Analog Constant light output No Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Polycarbonate Fixation material Stainless steel Housing Color Aluminum Optical cover finish Clear	Dimmable	Yes
Constant light output No Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Optical cover finish Clear	Driver/power unit/transformer	Power supply unit regulating
Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Polycarbonate Fixation material Stainless steel Housing Color Aluminum Optical cover finish Clear	Control interface	Analog
Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Polycarbonate Fixation material Stainless steel Housing Color Aluminum Optical cover finish Clear	Constant light output	No
Housing Material Aluminum Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Polycarbonate Fixation material Stainless steel Housing Color Aluminum Optical cover finish Clear		
Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Polycarbonate Fixation material Stainless steel Housing Color Aluminum Optical cover finish Clear	Mechanical and Housing	
Optic material Polycarbonate Optical cover material Polycarbonate Fixation material Stainless steel Housing Color Aluminum Optical cover finish Clear	Housing Material	Aluminum
Optical cover material Polycarbonate Fixation material Stainless steel Housing Color Aluminum Optical cover finish Clear	Reflector material	Polycarbonate
Fixation material Stainless steel Housing Color Aluminum Optical cover finish Clear	Optic material	Polycarbonate
Housing Color Aluminum Optical cover finish Clear	Optical cover material	Polycarbonate
Optical cover finish Clear	Fixation material	Stainless steel
	Housing Color	Aluminum
Overall height 60 mm	Optical cover finish	Clear
	Overall height	60 mm

Overall diameter	95 mm	
Approval and Application		
Ingress protection code	IP54 [Dust accumulation-protected, splash-	
	proof]	
Mech. impact protection code	IKO2 [0.2 J standard]	
Protection class IEC	Safety class II	
Initial Performance (IEC Compliant	t)	
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 usefu	ıl 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	RS140B LED6-32-/840 PSR PI6 ALU	
Full product name	RS140B LED6-32-/840 PSR PI6 ALU	
Full product code	871869606902899	
Order code	910503910057	
Material Nr. (12NC)	910503910057	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696069028	
Numerator - Packs per outer box	18	

8718696069141

Dimensional drawing





EAN/UPC - Case

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