



# **CoreLine Recessed Spot**

# RS140B LED12-36-/830 PSR PI6 WH

 $36\,^{\circ}$  -  $830\,$  warm white - Power supply unit regulating - Push-in connector 6-pole - 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	
Beam angle of light source	36°
Light source color	830 warm white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit regulating
Driver included	Yes
Optic type	Beam angle 36°
Optic type  Luminaire light beam spread	Beam angle 36°
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Luminaire light beam spread	36°
Luminaire light beam spread  Control interface	36° Analog
Luminaire light beam spread  Control interface  Connection	36° Analog
Luminaire light beam spread  Control interface  Connection  Cable	36° Analog Push-in connector 6-pole

Flammability mark	For mounting on normally flammable
	surfaces
CE mark	CE mark
ENEC mark	-
Warranty period	5 years
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.
Constant light output	No

Datasheet, 2022, October 14 data subject to change

# **CoreLine Recessed Spot**

Number of products on MCB of 16 A type B EU ROHS compliant Ves Unified glare rating CEN 22  Operating and electrical Input Voltage 220 to 240 V Input Frequency 50 to 60 Hz Inrush current 7 A Inrush time 500 ms Power Factor (Min) 0.9  Controls and dimming Dimmable Yes  Mechanical and housing Housing Material Optic material Optic material Optical cover/lens material Polycarbonate Optical cover/lens finish Clear Overall height 59.5 mm Overall diameter Color White RAL 9010 Dimensions (Height x Width x Depth) Mech. impact protection code IP65 [ Dust penetration-protected, jet-proof] Mech. impact protection code IR02 [ 0.2 J standard] Sustainability rating Initial performance (IEC compliant) Initial luminous flux (system flux) I1200 Im		
EU ROHS compliant  Unified glare rating CEN  22  Operating and electrical  Input Voltage  Input Frequency  Inrush current  7 A  Inrush time  500 ms  Power Factor (Min)  O.9  Controls and dimming  Dimmable  Yes  Mechanical and housing  Housing Material  Reflector material  Optic material  Optic material  Optical cover/lens material  Polycarbonate  Optical cover/lens finish  Clear  Overall height  59.5 mm  Overall diameter  95 mm  Color  White RAL9010  Dimensions (Height x Width x Depth)  Approval and application  Ingress protection code  IRO2 [ 0.2 J standard]  Sustainability rating  -  Initial performance (IEC compliant)	Number of products on MCB of 16 A type	40
Operating and electrical Input Voltage 220 to 240 V Input Frequency 50 to 60 Hz Inrush current 7A Inrush time 500 ms Power Factor (Min) 0.9  Controls and dimming Dimmable Yes  Mechanical and housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material Stainless steel Optical cover/lens finish Clear Overall height 59.5 mm Overall diameter 95 mm Color White RAL9010 Dimensions (Height x Width x Depth) 60 x NaN x NaN mm  Approval and application Ingress protection code IP65 [ Dust penetration-protected, jet-proof] Mech. impact protection code IKO2 [ 0.2 J standard] Sustainability rating - Initial performance (IEC compliant)	В	
Operating and electrical Input Voltage	EU RoHS compliant	Yes
Input Voltage 220 to 240 V Input Frequency 50 to 60 Hz Inrush current 7 A Inrush time 500 ms Power Factor (Min) 0.9  Controls and dimming Dimmable Yes  Mechanical and housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material Stainless steel Optical cover/lens finish Clear Overall height 59.5 mm Overall diameter 95 mm Color White RAL-9010 Dimensions (Height x Width x Depth) 60 x NaN x NaN mm  Approval and application Ingress protection code IP65 [ Dust penetration-protected, jet-proof] Mech. impact protection code IK02 [ 0.2 J standard] Initial performance (IEC compliant)	Unified glare rating CEN	22
Input Voltage 220 to 240 V Input Frequency 50 to 60 Hz Inrush current 7 A Inrush time 500 ms Power Factor (Min) 0.9  Controls and dimming Dimmable Yes  Mechanical and housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material Stainless steel Optical cover/lens finish Clear Overall height 59.5 mm Overall diameter 95 mm Color White RAL-9010 Dimensions (Height x Width x Depth) 60 x NaN x NaN mm  Approval and application Ingress protection code IP65 [ Dust penetration-protected, jet-proof] Mech. impact protection code IK02 [ 0.2 J standard] Initial performance (IEC compliant)		
Input Frequency 50 to 60 Hz  Inrush current 7 A  Inrush time 500 ms  Power Factor (Min) 0.9  Controls and dimming Dimmable Yes  Mechanical and housing Housing Material Aluminum die cast  Reflector material Polycarbonate Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material Stainless steel Optical cover/lens finish Clear Overall height 59.5 mm Overall diameter 95 mm Color White RAL 9010 Dimensions (Height x Width x Depth) 60 x NaN x NaN mm  Approval and application Ingress protection code IP65 [ Dust penetration-protected, jet-proof] Mech. impact protection code IK02 [ 0.2 J standard] Sustainability rating -  Initial performance (IEC compliant)	Operating and electrical	
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Controls and dimming Dimmable Yes  Mechanical and housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optical cover/lens material Stainless steel Optical cover/lens finish Clear Overall height S9.5 mm Overall diameter Optical cover/lens through 60 x NaN x NaN mm  Approval and application Ingress protection code IP65 [ Dust penetration-protected, jet-proof] Mech. impact protection code IR02 [ 0.2 J standard] Sustainability rating Initial performance (IEC compliant)	Inrush current	7 A
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Housing Material Reflector material Polycarbonate Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material Stainless steel Optical cover/lens finish Clear Overall height 59.5 mm Overall diameter 95 mm Color White RAL9010 Dimensions (Height x Width x Depth) 60 x NaN x NaN mm  Approval and application Ingress protection code IP65 [ Dust penetration-protected, jet-proof] Mech. impact protection code IK02 [ 0.2 J standard] Sustainability rating - Initial performance (IEC compliant)	Dimmable	Yes
Housing Material Reflector material Polycarbonate Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material Stainless steel Optical cover/lens finish Clear Overall height 59.5 mm Overall diameter 95 mm Color White RAL9010 Dimensions (Height x Width x Depth) 60 x NaN x NaN mm  Approval and application Ingress protection code IP65 [ Dust penetration-protected, jet-proof] Mech. impact protection code IK02 [ 0.2 J standard] Sustainability rating - Initial performance (IEC compliant)		
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Optical cover/lens material Polycarbonate  Fixation material Stainless steel  Optical cover/lens finish Clear  Overall height 59.5 mm  Overall diameter 95 mm  Color White RAL9010  Dimensions (Height x Width x Depth) 60 x NaN x NaN mm  Approval and application  Ingress protection code IP65 [ Dust penetration-protected, jet-proof]  Mech. impact protection code IK02 [ 0.2 J standard]  Sustainability rating -  Initial performance (IEC compliant)	Reflector material	Polycarbonate
Fixation material  Optical cover/lens finish  Clear  Overall height  59.5 mm  Overall diameter  95 mm  Color  White RAL9010  Dimensions (Height x Width x Depth)  60 x NaN x NaN mm  Approval and application  Ingress protection code  IP65 [ Dust penetration-protected, jet-proof]  Mech. impact protection code  IK02 [ 0.2 J standard]  Sustainability rating  -  Initial performance (IEC compliant)	Optic material	Polycarbonate
Optical cover/lens finish  Clear  Overall height  59.5 mm  Overall diameter  95 mm  Color  White RAL9010  Dimensions (Height x Width x Depth)  60 x NaN x NaN mm  Approval and application  Ingress protection code  IP65 [ Dust penetration-protected, jet-proof]  Mech. impact protection code  IK02 [ 0.2 J standard]  Sustainability rating  -  Initial performance (IEC compliant)	Optical cover/lens material	Polycarbonate
Overall height 59.5 mm Overall diameter 95 mm  Color White RAL9010  Dimensions (Height x Width x Depth) 60 x NaN x NaN mm  Approval and application  Ingress protection code IP65 [ Dust penetration-protected, jet-proof]  Mech. impact protection code IK02 [ 0.2 J standard]  Sustainability rating -  Initial performance (IEC compliant)	Fixation material	Stainless steel
Overall diameter 95 mm  Color White RAL9010  Dimensions (Height x Width x Depth) 60 x NaN x NaN mm  Approval and application  Ingress protection code IP65 [ Dust penetration-protected, jet-proof]  Mech. impact protection code IK02 [ 0.2 J standard]  Sustainability rating -  Initial performance (IEC compliant)	Optical cover/lens finish	Clear
Color White RAL9010  Dimensions (Height x Width x Depth) 60 x NaN x NaN mm  Approval and application  Ingress protection code IP65 [ Dust penetration-protected, jet-proof]  Mech. impact protection code IK02 [ 0.2 J standard]  Sustainability rating -  Initial performance (IEC compliant)	Overall height	59.5 mm
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Ingress protection code  IP65 [ Dust penetration-protected, jet-proof]  Mech. impact protection code  IK02 [ 0.2 J standard]  Sustainability rating  -  Initial performance (IEC compliant)	Dimensions (Height x Width x Depth)	60 x NaN x NaN mm
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Mech. impact protection code IK02 [ 0.2 J standard]  Sustainability rating -  Initial performance (IEC compliant)	Approval and application	
Sustainability rating - Initial performance (IEC compliant)	Ingress protection code	IP65 [ Dust penetration-protected, jet-proof]
Initial performance (IEC compliant)	Mech. impact protection code	IK02 [ 0.2 J standard]
	Sustainability rating	-
Initial luminous flux (system flux) 1200 lm	Initial performance (IEC compliant)	
	Initial luminous flux (system flux)	1200 lm

Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	82 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	85
Initial chromaticity	(0.43, 0.40) SDCM <5
Initial input power	15 W
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

Ambient temperature range	0 to +35 °C
Performance ambient temperature Tq	25 ℃
Maximum dim level	10%
Suitable for random switching	Yes

### Product data

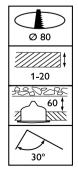
Product data	
Full product code	871869938421099
Order product name	RS140B LED12-36-/830 PSR PI6 WH
EAN/UPC - Product	8718699384210
Order code	912401483043
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	18
Material Nr. (12NC)	912401483043
Net Weight (Piece)	0.440 kg

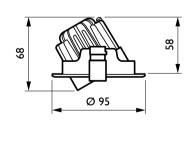






## Dimensional drawing

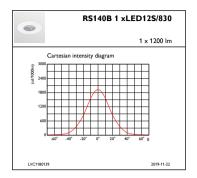




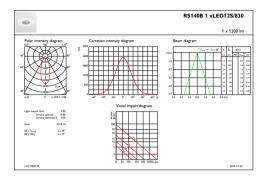
RS140B LED12-36-/830 PSR PI6 WH

# **CoreLine Recessed Spot**

### Photometric data



IFCC1\_RS140B1xLED12S830



IFAS1\_RS140B1xLED12S830

