



CoreLine Recessed Spot – the clear choice for LED

CoreLine Recessed Spot

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.

Benefits

- High-end material and finish for decorative applications; dedicated optics for halogen-reflector look and glare control
- 80% energy saving and 15 times longer lifetime compare to standard halogen-based luminaires
- Due to its slim design it fits in most types of ceiling; compatible with nearly all wall-mounted dimmers

Features

- Available in fixed and adjustable versions
- Different finishes available
- Choice of color temperatures: 2700, 3000 and 4000 K
- High Performance Dimming driver
- Slim design of < 60 mm
- Chip-on-Board (COB) technology
- Push-in connector with through-wiring option

CoreLine Recessed Spot

Application

- Reception areas
- Decorative applications
- Retail stores
- Corridors
- Bathrooms and toilets

Specifications

Type	RS140B (fixed version)
	RS141B (adjustable version)
Ceiling type	Plaster (board) ceiling
Light source	Non replaceable LED module
Power	8, 11 and 15 W
Beam angle	32°
Luminous flux	650, 900 and 1200 lm
Correlated Color	2700, 3000 or 4000 K
Temperature	
Color Rendering Index	85
Lumen maintenance at median useful life*	L70
50000 h	
Control gear failure rate at median useful life	5%
50000 h	
Performance Ambient Temperature Tq	+25 °C

Operating temperature range	-20 to +35 °C
Driver	Integrated for 650 and 900 lm, separate for 1200 lm
Mains voltage	230 or 240 V / 50-60 Hz
Dimming	Compatible with wide range of leading and trailing edge phase-cut dimmers
Material	Housing: aluminum
Color	White
	Brushed aluminum
	Black
Optical cover	Polycarbonate, clear
Connection	Push-in connector or with pull relief
Installation	Fixation by means of spring fasteners
	Through-wiring possible
Remarks	Internal optical unit 20° tiltable

Versions



CoreLine recessed spot RS141B

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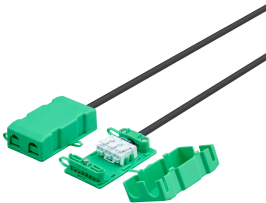
Product details



CoreLine_Recessed_Spot-
RS140_RS141B-DPP.TIF



CoreLine_Recessed_Spot-
RS140B-DPP.TIF



CoreLine_Recessed_Spot-
RS140_RS141B-1DPP.TIF



CoreLine_Recessed_Spot-
RS140_RS141B-2DPP.TIF



CoreLine_Recessed_Spot-
RS140Z-1DPP.TIF



CoreLine Recessed Spot RS140Z
1Acc



CoreLine_Recessed_Spot-RS141B-
DPP.TIF



CoreLine_Recessed_Spot-
RS140Z-2DPP.TIF

CoreLine Recessed Spot

Product details



CoreLine Recessed Spot RS140Z
2Acc



CoreLine_Recessed_Spot-
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CoreLine_Recessed_Spot-
RS140Z-3DPP.TIF



CoreLine_Recessed_Spot-
RS141B_Adjustable_ALU-DPP.TIF



CoreLine_Recessed_Spot-
RS140Z-4DPP.TIF



CoreLine_Recessed_Spot-
RS140Z-5DPP.TIF



CoreLine_Recessed_Spot-
RS140B_Fixed_WH-DPP.TIF



CoreLine_Gridlight_Single-
RS145Z-2DPP.TIF

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Product details



CoreLine_Gridlight-RS145Z-DPP.TIF



CoreLine_Gridlight_Single-RS145Z-1DPP.TIF



CoreLine_Gridlight_Double-RS145Z-2DPP.TIF



CoreLine_Gridlight_Double-RS145Z-1DPP.TIF

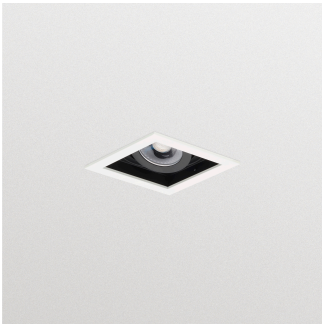


CoreLine_Gridlight_Triple-RS145Z-2DPP.TIF



CoreLine_Gridlight_Triple-RS145Z-1DPP.TIF

Accessories



RS143Z Single
Ordercode 38832499



RS143Z Double
Ordercode 38833199

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Accessories



RS143Z Triple

Ordercode 38834899

Application conditions

Ambient temperature range	0 to +35 °C
Maximum dim level	10%
Suitable for random switching	Yes

Approval and application

Mech. impact protection code	IK02
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Controls and dimming

Dimmable	Yes
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Operating and electrical

Input Voltage	220 to 240 V
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General information

CE mark	CE mark
Protection class IEC	Safety class II (II)
Driver included	Yes
ENEC mark	-
Flammability mark	F
Glow-wire test	650/30
Light source replaceable	No
Number of gear units	1 unit

Initial performance (IEC compliant)

Init. Color Rendering Index	85
Initial LED luminaire efficacy	82 lm/W
Luminous flux tolerance	+/-10%

Approval and application

Order Code	Full Product Name	Ingress protection code
38279799	RS140B LED6-32-/840 PSR PI6 WH	IP65
38285899	RS140B LED9-32-/830 PSR PI6 WH	IP65
38286599	RS140B LED9-32-/840 PSR PI6 WH	IP65
38421099	RS140B LED12-36-/830 PSR PI6 WH	IP65
38417399	RS142B LED6-32-/827 PSR PI6 WH FR	IP44
38418099	RS142B LED6-32-/830 PSR PI6 WH FR	IP44
38280399	RS141B LED6-32-/827 PSR PI6 WH	IP44
38281099	RS141B LED6-32-/830 PSR PI6 WH	IP44
38282799	RS141B LED6-32-/840 PSR PI6 WH	IP44
38283499	RS141B LED9-32-/830 PSR PI6 WH	IP44
38419799	RS141B LED12-36-/830 PSR PI6 WH	IP44
38420399	RS141B LED12-36-/840 PSR PI6 WH	IP44
38423499	RS140B LED12-36-/830 PSR PI6 ALU	IP65
38424199	RS140B LED12-36-/840 PSR PI6 ALU	IP65
38288999	RS140B LED6-32-/830 PSR PI6 ALU	IP65
38293399	RS140B LED9-32-/830 PSR PI6 ALU	IP65
38291999	RS141B LED6-32-/830 PSR PI6 ALU	IP44
38292699	RS141B LED6-32-/840 PSR PI6 ALU	IP44

General information

Order Code	Full Product Name	Beam angle of light	
		source	Optic type
38279799	RS140B LED6-32-/840 PSR PI6 WH	32 °	32
38285899	RS140B LED9-32-/830 PSR PI6 WH	32 °	32
38286599	RS140B LED9-32-/840 PSR PI6 WH	32 °	32
38421099	RS140B LED12-36-/830 PSR PI6 WH	36 °	36
38417399	RS142B LED6-32-/827 PSR PI6 WH FR	32 °	32
38418099	RS142B LED6-32-/830 PSR PI6 WH FR	32 °	32

Order Code	Full Product Name	Beam angle of light	
		source	Optic type
38280399	RS141B LED6-32-/827 PSR PI6 WH	32 °	32
38281099	RS141B LED6-32-/830 PSR PI6 WH	32 °	32
38282799	RS141B LED6-32-/840 PSR PI6 WH	32 °	32
38283499	RS141B LED9-32-/830 PSR PI6 WH	32 °	32
38419799	RS141B LED12-36-/830 PSR PI6 WH	36 °	36
38420399	RS141B LED12-36-/840 PSR PI6 WH	36 °	36

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Order Code	Full Product Name	Beam angle of light	
		source	Optic type
38423499	RS140B LED12-36-/830 PSR PI6 ALU	36 °	36
38424199	RS140B LED12-36-/840 PSR PI6 ALU	36 °	36
38288999	RS140B LED6-32-/830 PSR PI6 ALU	32 °	32

Order Code	Full Product Name	Beam angle of light	
		source	Optic type
38293399	RS140B LED9-32-/830 PSR PI6 ALU	32 °	32
38291999	RS141B LED6-32-/830 PSR PI6 ALU	32 °	32
38292699	RS141B LED6-32-/840 PSR PI6 ALU	32 °	32

Initial performance (IEC compliant)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial	Initial
				luminous flux	input power
38279799	RS140B LED6-32-/840 PSR PI6 WH	(0.38, 0.38) SDCM <5	4000 K	650 lm	8 W
38285899	RS140B LED9-32-/830 PSR PI6 WH	(0.43, 0.40) SDCM <5	3000 K	900 lm	11 W
38286599	RS140B LED9-32-/840 PSR PI6 WH	(0.38, 0.38) SDCM <5	4000 K	900 lm	11 W
38421099	RS140B LED12-36-/830 PSR PI6 WH	(0.43, 0.40) SDCM <5	3000 K	1200 lm	15 W
38417399	RS142B LED6-32-/827 PSR PI6 WH FR	(0.46, 0.41) SDCM <5	2700 K	650 lm	8 W
38418099	RS142B LED6-32-/830 PSR PI6 WH FR	(0.43, 0.40) SDCM <5	3000 K	650 lm	8 W
38280399	RS141B LED6-32-/827 PSR PI6 WH	(0.46, 0.41) SDCM <5	2700 K	650 lm	8 W
38281099	RS141B LED6-32-/830 PSR PI6 WH	(0.43, 0.40) SDCM <5	3000 K	650 lm	8 W
38282799	RS141B LED6-32-/840 PSR PI6 WH	(0.38, 0.38) SDCM <5	4000 K	650 lm	8 W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial	Initial
				luminous flux	input power
38283499	RS141B LED9-32-/830 PSR PI6 WH	(0.43, 0.40) SDCM <5	3000 K	900 lm	11 W
38419799	RS141B LED12-36-/830 PSR PI6 WH	(0.43, 0.40) SDCM <5	3000 K	1200 lm	15 W
38420399	RS141B LED12-36-/840 PSR PI6 WH	(0.38, 0.38) SDCM <5	4000 K	1200 lm	15 W
38423499	RS140B LED12-36-/830 PSR PI6 ALU	(0.43, 0.40) SDCM <5	3000 K	1200 lm	15 W
38424199	RS140B LED12-36-/840 PSR PI6 ALU	(0.38, 0.38) SDCM <5	4000 K	1200 lm	15 W
38288999	RS140B LED6-32-/830 PSR PI6 ALU	(0.43, 0.40) SDCM <5	3000 K	650 lm	8 W
38293399	RS140B LED9-32-/830 PSR PI6 ALU	(0.43, 0.40) SDCM <5	3000 K	900 lm	11 W
38291999	RS141B LED6-32-/830 PSR PI6 ALU	(0.43, 0.40) SDCM <5	3000 K	650 lm	8 W
38292699	RS141B LED6-32-/840 PSR PI6 ALU	(0.38, 0.38) SDCM <5	4000 K	650 lm	8 W

Mechanical and housing

Order Code	Full Product Name	Color
38279799	RS140B LED6-32-/840 PSR PI6 WH	White RAL9010
38285899	RS140B LED9-32-/830 PSR PI6 WH	White RAL9010
38286599	RS140B LED9-32-/840 PSR PI6 WH	White RAL9010
38421099	RS140B LED12-36-/830 PSR PI6 WH	White RAL9010
38417399	RS142B LED6-32-/827 PSR PI6 WH FR	White RAL9010
38418099	RS142B LED6-32-/830 PSR PI6 WH FR	White RAL9010
38280399	RS141B LED6-32-/827 PSR PI6 WH	White RAL9010
38281099	RS141B LED6-32-/830 PSR PI6 WH	White RAL9010
38282799	RS141B LED6-32-/840 PSR PI6 WH	White RAL9010

Order Code	Full Product Name	Color
38283499	RS141B LED9-32-/830 PSR PI6 WH	White RAL9010
38419799	RS141B LED12-36-/830 PSR PI6 WH	White RAL9010
38420399	RS141B LED12-36-/840 PSR PI6 WH	White RAL9010
38423499	RS140B LED12-36-/830 PSR PI6 ALU	Aluminum
38424199	RS140B LED12-36-/840 PSR PI6 ALU	Aluminum
38288999	RS140B LED6-32-/830 PSR PI6 ALU	Aluminum
38293399	RS140B LED9-32-/830 PSR PI6 ALU	Aluminum
38291999	RS141B LED6-32-/830 PSR PI6 ALU	Aluminum
38292699	RS141B LED6-32-/840 PSR PI6 ALU	Aluminum

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