



CoreLine Recessed Spot gen2 – for every project, where light really matters

CoreLine Recessed Spot gen2

CoreLine Recessed Spot gen2 delivers on the CoreLine promise of innovative, easy to use and high-quality luminaires. Its modular design allows “configure to fit” option that better responds to your specific needs. The range offers a wide range choice on light color (CCT), light output, color finish, frame types and connectivity options. The compact and lite design of CoreLine Recessed Spot gen2, always incorporating a push in connector allowing loop in/out wiring and supporting a wide range of wire diameters/cross-sectional area, makes installation hassle-free. High quality of light, numerous connectivity options, long luminaire lifetime and high system efficacy makes CoreLine Recessed Spot gen2 an ideal accent solution for your indoor spot lighting applications.

Benefits

- Diversity thanks to modular design, responding to a wide range of needs
- Notably easy to install and maintain
- Compact and lite product design with high quality materials and finish
- Good quality of light
- Good Performance
- Good value for money

CoreLine Recessed Spot gen2

Features

- Available in fixed or adjustable versions
- CE, UKCA and ENEC certified
- White, Black or Aluminium finish
- 650, 900 or 1200 lumens (system output)
- L70 at 50.000h
- System efficacy of 88 to 107 lm/w, depending on configuration
- Color Rendering Index, CRI >80
- Standard Color Deviation, SDCM < 3
- Correlated Light Color Temperature of 2700K, 3000K or 4000K
- Led Modules with sparkly lens optics
- Chip-on-board LED light source
- Various interchangeable frame accessories
- All configurations support basic insulation coverability as per IEC 60598-1:edit 8.1
- Various connectivity options: Phase-Cut (PSR), DALI (PSD) or Interact Pro (WIA)
- High Performance Dimming driver (PSR) compatible with most wall-dimmers in the market
- Halox® 100 concrete installation housing compatible options available

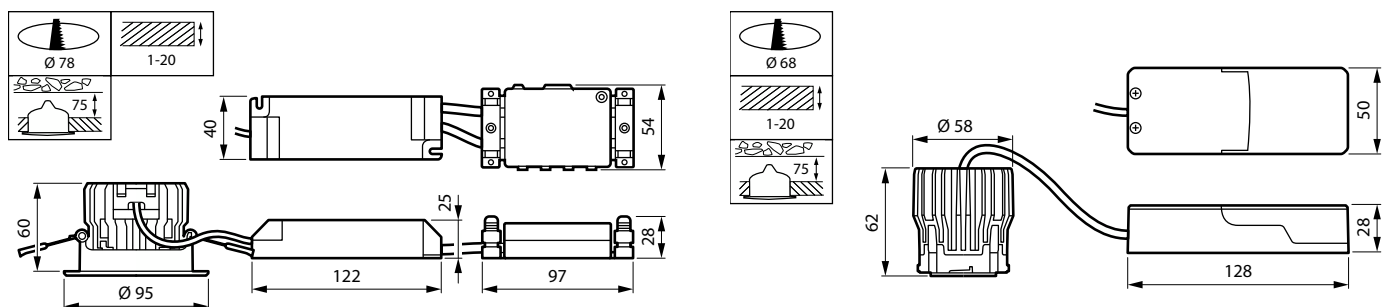
Application

- Hospitality
- Retail
- Offices
- Residential
- HoReCa
- Wide range of General Indoor applications
- Corridors
- Meeting rooms
- Bathrooms and toilets
- Break-out areas
- Shelf and cabinets

Warnings and Safety

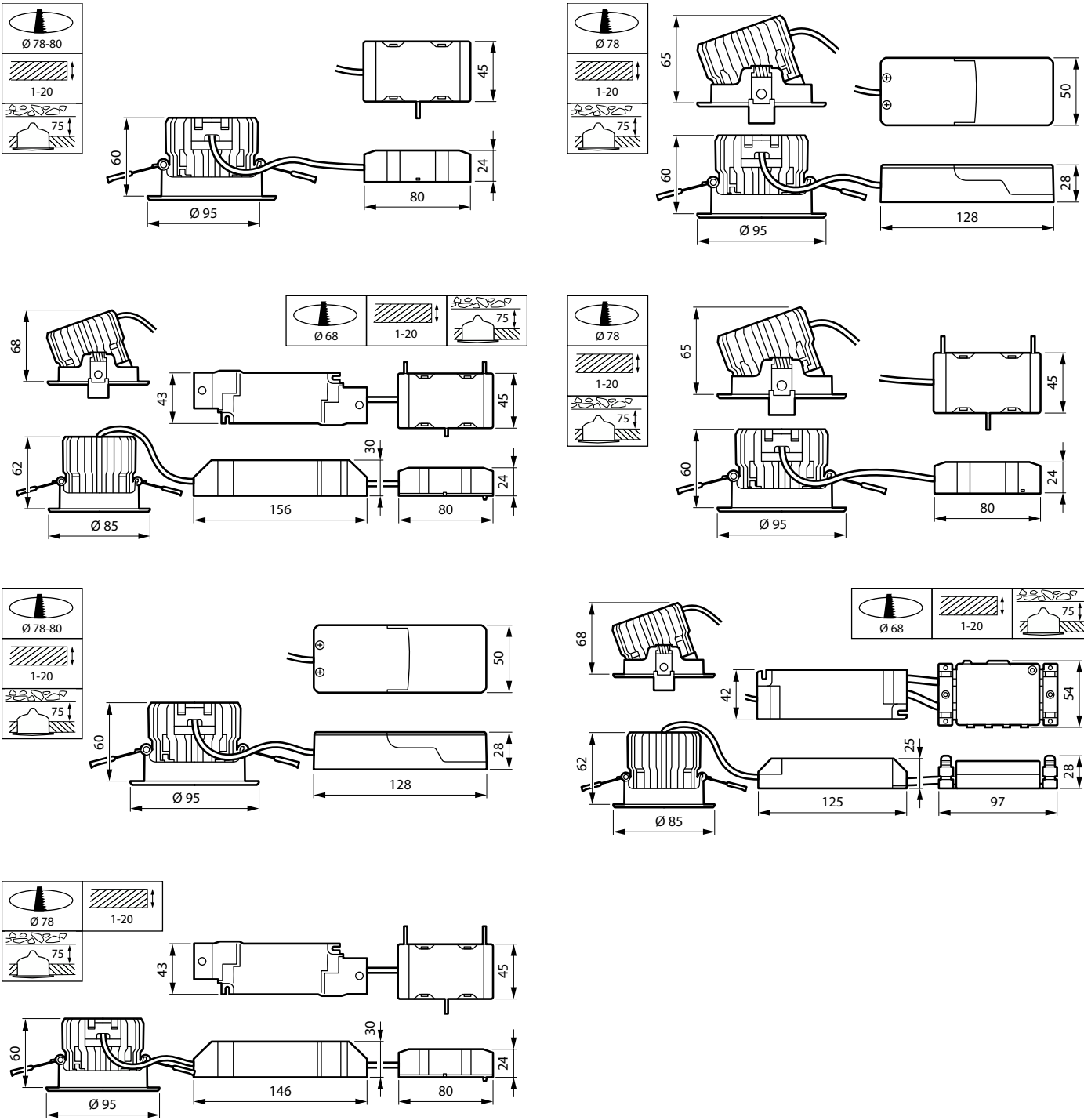
- The luminaire should be installed and disassembled by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements, as per the product mounting instructions.

Dimensional drawing



CoreLine Recessed Spot gen2

Dimensional drawing



CoreLine Recessed Spot gen2

Product details



CoreLine_Recessed_Spot-
RS140B-DPP.TIF



CoreLine_Recessed_Spot-RS141B-
DPP.TIF



CoreLine_Recessed_Spot-
RS140B_Fixed_ALU-DPP.TIF



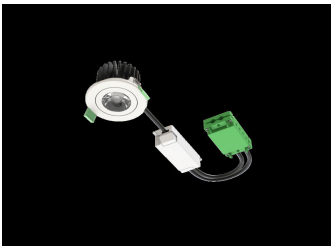
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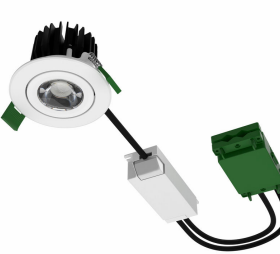
CoreLine Recessed Spot gen2
D68mm 650-950-1200lm
Adjustable WH DDP



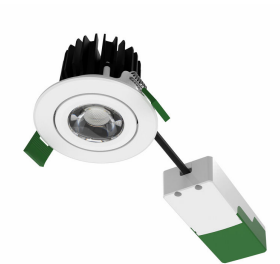
CoreLine Recessed Spot gen2
D68mm 650-950-1200lm
Adjustable WH DDP



CoreLine Recessed Spot gen2
D78mm 1200lm PSD Adjustable



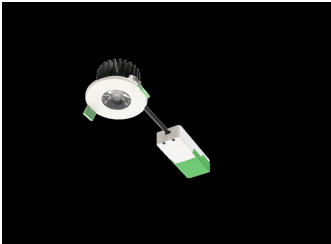
CoreLine Recessed Spot gen2
D68mm 1200lm Adjustable PSD
WH DDP



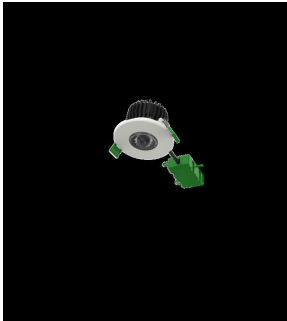
CoreLine Recessed Spot gen2
D68mm 650-950-1200lm
Adjustable WH DDP

CoreLine Recessed Spot gen2

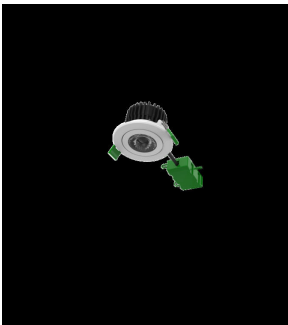
Product details



CoreLine Recessed Spot gen2
D78mm 1200lm PSR Fix



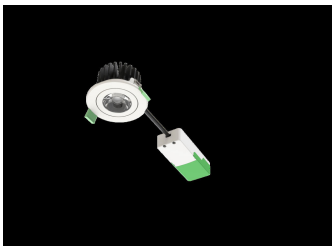
CoreLine Recessed Spot gen2
D78mm 650-950lm Fix



CoreLine Recessed Spot gen2
D78mm 650-900lm PSR
Adjustable



CoreLine Recessed Spot gen2
D78mm 1200lm WIA Adjustable



CoreLine Recessed Spot gen2
D78mm 1200lm PSR Adjustable

CoreLine Recessed Spot gen2

General Information

Driver included	Yes
Light source replaceable	Yes
Number of gear units	1 unit

Light Technical

Beam angle of light source	120 degree(s)
Color rendering index (CRI)	>80
Optic type	Wide beam

Operating and Electrical

Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	No

Controls and Dimming

Dimmable	Yes
Maximum dim level	10% (depends on dimmer, ELV)

Mechanical and Housing

Mech. impact protection code	IK03
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Approval and Application

Ambient temperature range	0 to +35 °C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
54826899	RS150B LED6-WB-/830 D78 PSR PI6 WH	3000 K	94 lm/W	680 lm
54827599	RS150B LED6-WB-/840 D78 PSR PI6 WH	4000 K	100 lm/W	720 lm
54828299	RS150B LED9-WB-/830 D78 PSR PI6 WH	3000 K	88 lm/W	900 lm
54829999	RS150B LED9-WB-/840 D78 PSR PI6 WH	4000 K	93 lm/W	950 lm
54830599	RS150B LED12-WB-/830 D78 PSR PI6 WH	3000 K	104 lm/W	1,280 lm
54831299	RS150B LED12-WB-/840 D78 PSR PI6 WH	4000 K	107 lm/W	1,320 lm
93843499	RS151B LED6-WB-/830 D78HALOX PSR PI6 WH	3000 K	94 lm/W	680 lm
54811499	RS151B LED6-WB-/830 D78 PSR PI6 WH	3000 K	94 lm/W	680 lm
54813899	RS151B LED6-WB-/840 D78 PSR PI6 WH	4000 K	100 lm/W	720 lm
54816999	RS151B LED9-WB-/830 D78 PSR PI6 WH	3000 K	88 lm/W	900 lm
54818399	RS151B LED9-WB-/840 D78 PSR PI6 WH	4000 K	93 lm/W	950 lm
54819099	RS151B LED12-WB-/830 D78 PSR PI6 WH	3000 K	104 lm/W	1,280 lm
54821399	RS151B LED12-WB-/840 D78 PSR PI6 WH	4000 K	107 lm/W	1,320 lm
54822099	RS151B LED12-WB-/830 D78 WIA PI6 WH	3000 K	106 lm/W	1,280 lm
54823799	RS151B LED12-WB-/840 D78 WIA PI6 WH	4000 K	110 lm/W	1,320 lm
54825199	RS151B LED12-WB-/840 D78 PSD PI10 WH	4000 K	107 lm/W	1,320 lm
93820599	RS150B LED6-WB-/830 D78 PSR PI6 ALU	3000 K	94 lm/W	680 lm
93821299	RS150B LED9-WB-/830 D78 PSR PI6 ALU	3000 K	88 lm/W	900 lm
93822999	RS150B LED12-WB-/830 D78 PSR PI6 ALU	3000 K	104 lm/W	1,280 lm
94166399	RS150B LED6-WB-/840 D78 PSR PI6 ALU	4000 K	100 lm/W	720 lm
94167099	RS150B LED6-WB-/827 D78 PSR PI6 ALU	2700 K	90 lm/W	660 lm
93818299	RS151B LED9-WB-/840 D78 PSR PI6 ALU	4000 K	93 lm/W	950 lm
93819999	RS151B LED12-WB-/840 D78 PSR PI6 ALU	4000 K	107 lm/W	1,320 lm
54812199	RS151B LED6-WB-/830 D78 PSR PI6 ALU	3000 K	94 lm/W	680 lm
54814599	RS151B LED6-WB-/840 D78 PSR PI6 ALU	4000 K	100 lm/W	720 lm

CoreLine Recessed Spot gen2

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	
		Temperature (Nom)	(rated) (Nom)	Luminous Flux
54815299	RS151B LED6-WB-/827 D78 PSR PI6 ALU	2700 K	90 lm/W	660 lm
54817699	RS151B LED9-WB-/830 D78 PSR PI6 ALU	3000 K	88 lm/W	900 lm
54820699	RS151B LED12-WB-/830 D78 PSR PI6 ALU	3000 K	104 lm/W	1,280 lm
54824499	RS151B LED12-WB-/830 D78 PSD PI10 WH	3000 K	104 lm/W	1,280 lm
94091899	RS156B LED12-WB-/840 D68 PSR PI6 WH	4000 K	112 lm/W	1,380 lm
94094999	RS156B LED12-WB-/840 D68 WIA PI6 WH	4000 K	115 lm/W	1,380 lm
94095699	RS156B LED12-WB-/830 D68 PSD PI10 WH	3000 K	105 lm/W	1,300 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
54826899	RS150B LED6-WB-/830 D78 PSR PI6 WH	7.2 W
54827599	RS150B LED6-WB-/840 D78 PSR PI6 WH	7.2 W
54828299	RS150B LED9-WB-/830 D78 PSR PI6 WH	10.2 W
54829999	RS150B LED9-WB-/840 D78 PSR PI6 WH	10.2 W
54830599	RS150B LED12-WB-/830 D78 PSR PI6 WH	12.3 W
54831299	RS150B LED12-WB-/840 D78 PSR PI6 WH	12.3 W
93843499	RS151B LED6-WB-/830 D78HALOX PSR PI6 WH	7.2 W
54811499	RS151B LED6-WB-/830 D78 PSR PI6 WH	7.2 W
54813899	RS151B LED6-WB-/840 D78 PSR PI6 WH	7.2 W
54816999	RS151B LED9-WB-/830 D78 PSR PI6 WH	10.2 W
54818399	RS151B LED9-WB-/840 D78 PSR PI6 WH	10.2 W
54819099	RS151B LED12-WB-/830 D78 PSR PI6 WH	12.3 W
54821399	RS151B LED12-WB-/840 D78 PSR PI6 WH	12.3 W
54822099	RS151B LED12-WB-/830 D78 WIA PI6 WH	12 W
54823799	RS151B LED12-WB-/840 D78 WIA PI6 WH	12 W
54825199	RS151B LED12-WB-/840 D78 PSD PI10 WH	12.3 W

Order Code	Full Product Name	Power Consumption
93820599	RS150B LED6-WB-/830 D78 PSR PI6 ALU	7.2 W
93821299	RS150B LED9-WB-/830 D78 PSR PI6 ALU	10.2 W
93822999	RS150B LED12-WB-/830 D78 PSR PI6 ALU	12.3 W
94166399	RS150B LED6-WB-/840 D78 PSR PI6 ALU	7.2 W
94167099	RS150B LED6-WB-/827 D78 PSR PI6 ALU	7.2 W
93818299	RS151B LED9-WB-/840 D78 PSR PI6 ALU	10.2 W
93819999	RS151B LED12-WB-/840 D78 PSR PI6 ALU	12.3 W
54812199	RS151B LED6-WB-/830 D78 PSR PI6 ALU	7.2 W
54814599	RS151B LED6-WB-/840 D78 PSR PI6 ALU	7.2 W
54815299	RS151B LED6-WB-/827 D78 PSR PI6 ALU	7.2 W
54817699	RS151B LED9-WB-/830 D78 PSR PI6 ALU	10.2 W
54820699	RS151B LED12-WB-/830 D78 PSR PI6 ALU	12.3 W
54824499	RS151B LED12-WB-/830 D78 PSD PI10 WH	12.3 W
94091899	RS156B LED12-WB-/840 D68 PSR PI6 WH	12.3 W
94094999	RS156B LED12-WB-/840 D68 WIA PI6 WH	12 W
94095699	RS156B LED12-WB-/830 D68 PSD PI10 WH	12.3 W

Mechanical and Housing

Order Code	Full Product Name	Housing	Ingress
		Color	protection code
54826899	RS150B LED6-WB-/830 D78 PSR PI6 WH	White	IP20/65
54827599	RS150B LED6-WB-/840 D78 PSR PI6 WH	White	IP20/65
54828299	RS150B LED9-WB-/830 D78 PSR PI6 WH	White	IP20/65
54829999	RS150B LED9-WB-/840 D78 PSR PI6 WH	White	IP20/65
54830599	RS150B LED12-WB-/830 D78 PSR PI6 WH	White	IP20/65
54831299	RS150B LED12-WB-/840 D78 PSR PI6 WH	White	IP20/65
93843499	RS151B LED6-WB-/830 D78HALOX PSR PI6 WH	White	IP20/44
54811499	RS151B LED6-WB-/830 D78 PSR PI6 WH	White	IP20/44
54813899	RS151B LED6-WB-/840 D78 PSR PI6 WH	White	IP20/44

Order Code	Full Product Name	Housing	Ingress
		Color	protection code
54816999	RS151B LED9-WB-/830 D78 PSR PI6 WH	White	IP20/44
54818399	RS151B LED9-WB-/840 D78 PSR PI6 WH	White	IP20/44
54819099	RS151B LED12-WB-/830 D78 PSR PI6 WH	White	IP20/44
54821399	RS151B LED12-WB-/840 D78 PSR PI6 WH	White	IP20/44
54822099	RS151B LED12-WB-/830 D78 WIA PI6 WH	White	IP20/44
54823799	RS151B LED12-WB-/840 D78 WIA PI6 WH	White	IP20/44
54825199	RS151B LED12-WB-/840 D78 PSD PI10 WH	White	IP20/44
93820599	RS150B LED6-WB-/830 D78 PSR PI6 ALU	Aluminum	IP20/65
93821299	RS150B LED9-WB-/830 D78 PSR PI6 ALU	Aluminum	IP20/65
93822999	RS150B LED12-WB-/830 D78 PSR PI6 ALU	Aluminum	IP20/65

CoreLine Recessed Spot gen2

Order Code	Full Product Name	Housing Color	Ingress protection code
94166399	RS150B LED6-WB-/840 D78 PSR PI6 ALU	Aluminum	IP20/65
94167099	RS150B LED6-WB-/827 D78 PSR PI6 ALU	Aluminum	IP20/65
93818299	RS151B LED9-WB-/840 D78 PSR PI6 ALU	Aluminum	IP20/44
93819999	RS151B LED12-WB-/840 D78 PSR PI6 ALU	Aluminum	IP20/44
54812199	RS151B LED6-WB-/830 D78 PSR PI6 ALU	Aluminum	IP20/44
54814599	RS151B LED6-WB-/840 D78 PSR PI6 ALU	Aluminum	IP20/44
54815299	RS151B LED6-WB-/827 D78 PSR PI6 ALU	Aluminum	IP20/44

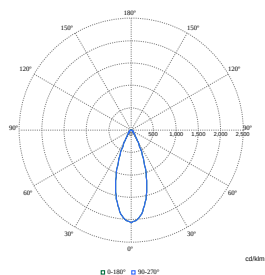
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54817699	RS151B LED9-WB-/830 D78 PSR PI6 ALU	Aluminum	IP20/44
54820699	RS151B LED12-WB-/830 D78 PSR PI6 ALU	Aluminum	IP20/44
54824499	RS151B LED12-WB-/830 D78 PSD PI10 WH	White	IP20/44
94091899	RS156B LED12-WB-/840 D68 PSR PI6 WH	White	IP20/44
94094999	RS156B LED12-WB-/840 D68 WIA PI6 WH	White	IP20/44
94095699	RS156B LED12-WB-/830 D68 PSD PI10 WH	White	IP20/44

Initial Performance (IEC Compliant)

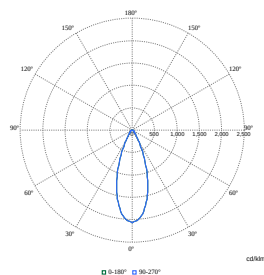
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54827599	RS150B LED6-WB-/840 D78 PSR PI6 WH	(0.38, 0.38) SDCM <5
54828299	RS150B LED9-WB-/830 D78 PSR PI6 WH	(0.43, 0.40) SDCM <5
54829999	RS150B LED9-WB-/840 D78 PSR PI6 WH	(0.38, 0.38) SDCM <5
54830599	RS150B LED12-WB-/830 D78 PSR PI6 WH	(0.43, 0.40) SDCM <5
54831299	RS150B LED12-WB-/840 D78 PSR PI6 WH	(0.38, 0.38) SDCM <5
93843499	RS151B LED6-WB-/830 D78HALOX PSR PI6 WH	(0.43, 0.40) SDCM <5
54811499	RS151B LED6-WB-/830 D78 PSR PI6 WH	(0.43, 0.40) SDCM <5
54813899	RS151B LED6-WB-/840 D78 PSR PI6 WH	(0.38, 0.38) SDCM <5
54816999	RS151B LED9-WB-/830 D78 PSR PI6 WH	(0.43, 0.40) SDCM <5
54818399	RS151B LED9-WB-/840 D78 PSR PI6 WH	(0.38, 0.38) SDCM <5
54819099	RS151B LED12-WB-/830 D78 PSR PI6 WH	(0.43, 0.40) SDCM <5
54821399	RS151B LED12-WB-/840 D78 PSR PI6 WH	(0.38, 0.38) SDCM <5
54822099	RS151B LED12-WB-/830 D78 WIA PI6 WH	(0.43, 0.40) SDCM <5
54823799	RS151B LED12-WB-/840 D78 WIA PI6 WH	(0.38, 0.38) SDCM <5
54825199	RS151B LED12-WB-/840 D78 PSD PI10 WH	(0.38, 0.38) SDCM <5

Order Code	Full Product Name	Initial chromaticity
93820599	RS150B LED6-WB-/830 D78 PSR PI6 ALU	(0.43, 0.40) SDCM <5
93821299	RS150B LED9-WB-/830 D78 PSR PI6 ALU	(0.43, 0.40) SDCM <5
93822999	RS150B LED12-WB-/830 D78 PSR PI6 ALU	(0.43, 0.40) SDCM <5
94166399	RS150B LED6-WB-/840 D78 PSR PI6 ALU	(0.38, 0.38) SDCM <5
94167099	RS150B LED6-WB-/827 D78 PSR PI6 ALU	(0.46, 0.41) SDCM <5
93818299	RS151B LED9-WB-/840 D78 PSR PI6 ALU	(0.38, 0.38) SDCM <5
93819999	RS151B LED12-WB-/840 D78 PSR PI6 ALU	(0.38, 0.38) SDCM <5
54812199	RS151B LED6-WB-/830 D78 PSR PI6 ALU	(0.43, 0.40) SDCM <5
54814599	RS151B LED6-WB-/840 D78 PSR PI6 ALU	(0.38, 0.38) SDCM <5
54815299	RS151B LED6-WB-/827 D78 PSR PI6 ALU	(0.46, 0.41) SDCM <5
54817699	RS151B LED9-WB-/830 D78 PSR PI6 ALU	(0.43, 0.40) SDCM <5
54820699	RS151B LED12-WB-/830 D78 PSR PI6 ALU	(0.43, 0.40) SDCM <5
54824499	RS151B LED12-WB-/830 D78 PSD PI10 WH	(0.43, 0.40) SDCM <5
94091899	RS156B LED12-WB-/840 D68 PSR PI6 WH	(0.38, 0.38) SDCM <5
94094999	RS156B LED12-WB-/840 D68 WIA PI6 WH	(0.38, 0.38) SDCM <5
94095699	RS156B LED12-WB-/830 D68 PSD PI10 WH	(0.43, 0.40) SDCM <5

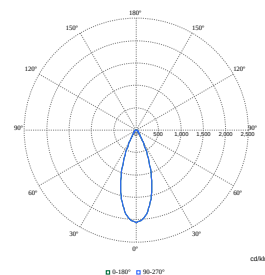
Polar Wide Diagrams



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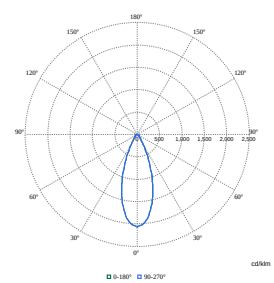
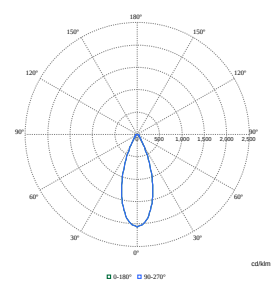
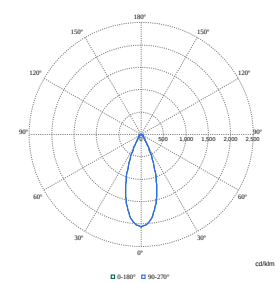


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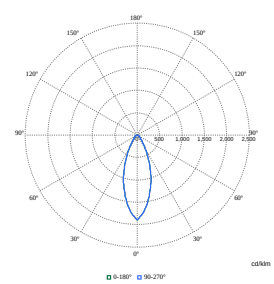
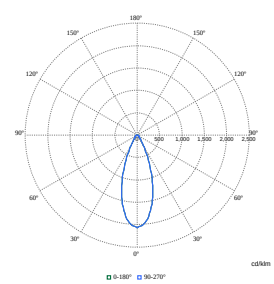
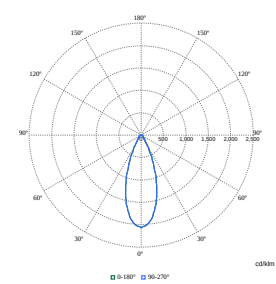
Polar Wide Diagrams



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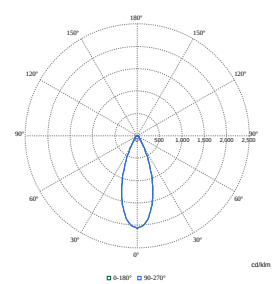
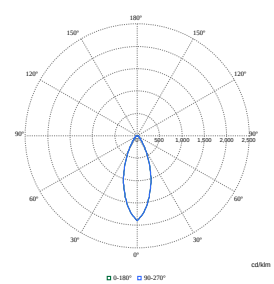
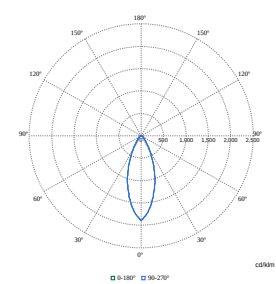
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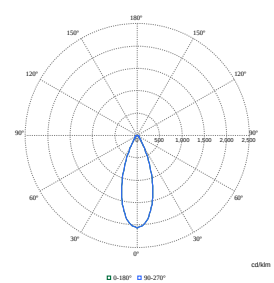
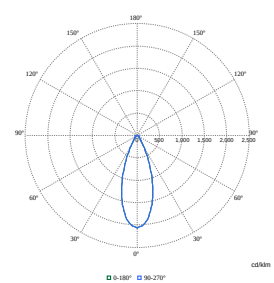
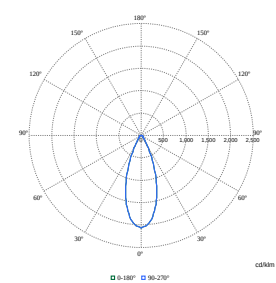
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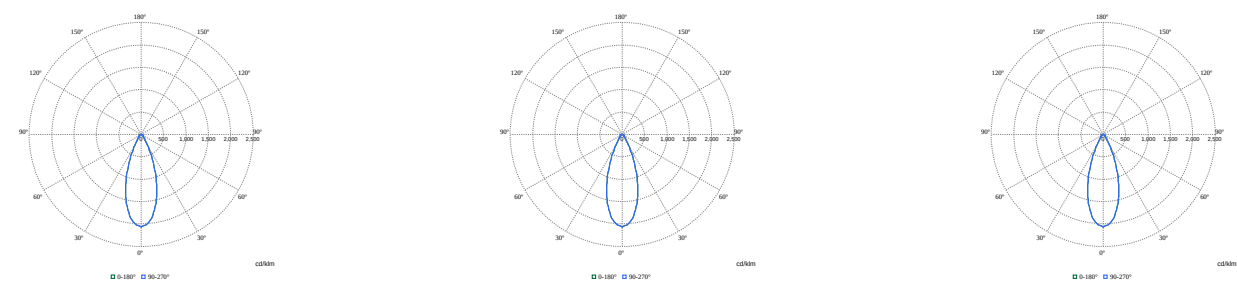
Polar Normal (separate) - null - 911401897582

Polar Normal (separate) - null - 911401897682

Polar Normal (separate) - null - 911401897782

CoreLine Recessed Spot gen2

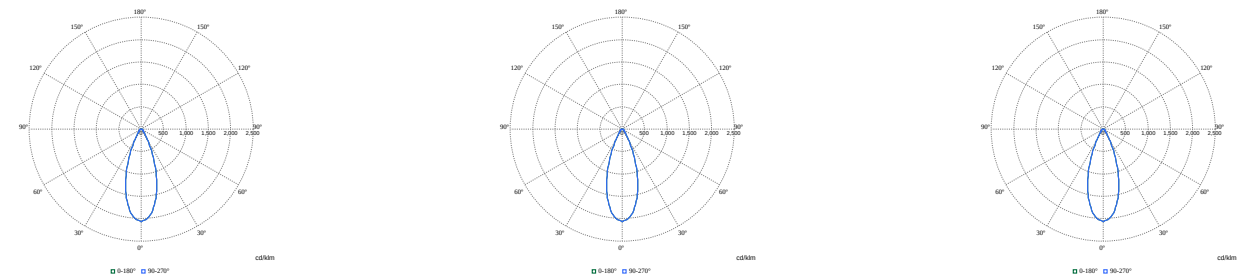
Polar Wide Diagrams



Polar Normal (separate) - null - 911401897882

Polar Normal (separate) - null - 911401897982

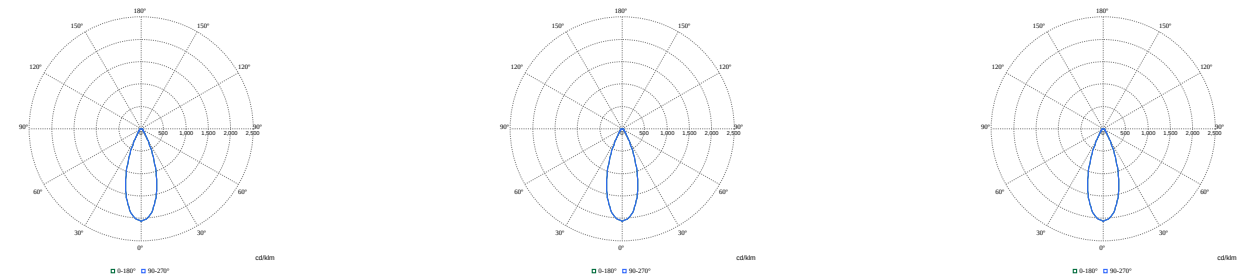
Polar Normal (separate) - null - 911401898082



Polar Normal (separate) - null - 911401898182

Polar Normal (separate) - null - 911401898282

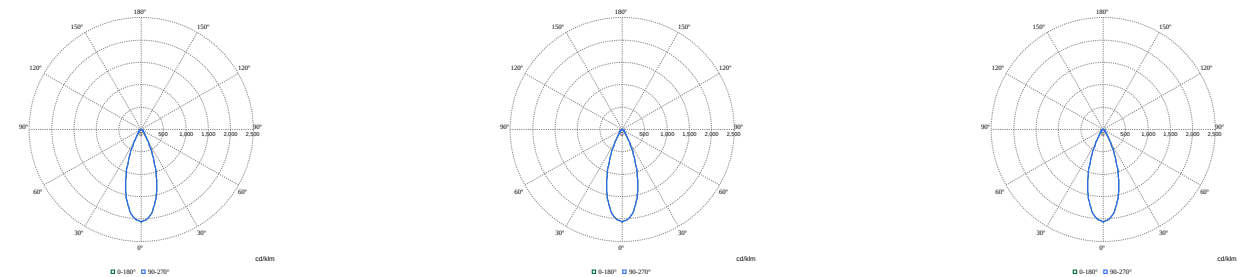
Polar Normal (separate) - null - 911401898382



Polar Normal (separate) - null - 911401898482

Polar Normal (separate) - null - 911401898582

Polar Normal (separate) - null - 911401898682



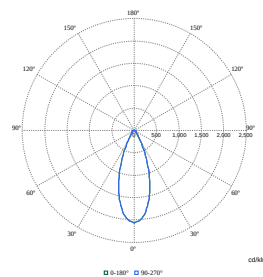
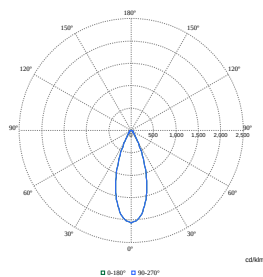
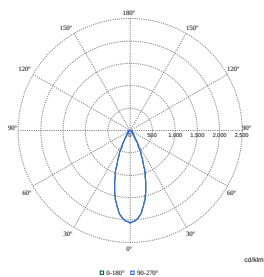
Polar Normal (separate) - null - 911401898782

Polar Normal (separate) - null - 911401898882

Polar Normal (separate) - null - 911401898982

CoreLine Recessed Spot gen2

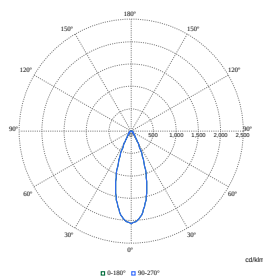
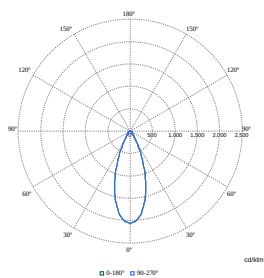
Polar Wide Diagrams



Polar Normal (separate) - null - 911401899082

Polar Normal (separate) - null - 911401899182

Polar Normal (separate) - null - 911401899282



Polar Normal (separate) - null - 911401899482

Polar Normal (separate) - null - 911401899382

