



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.

Versions



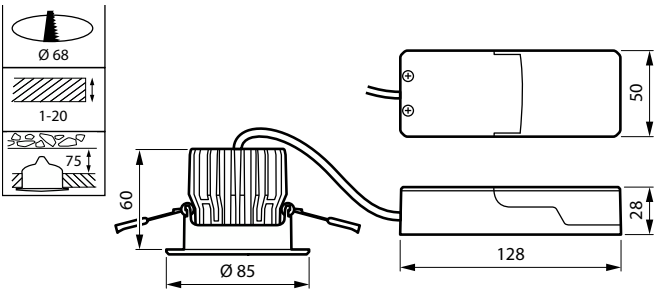
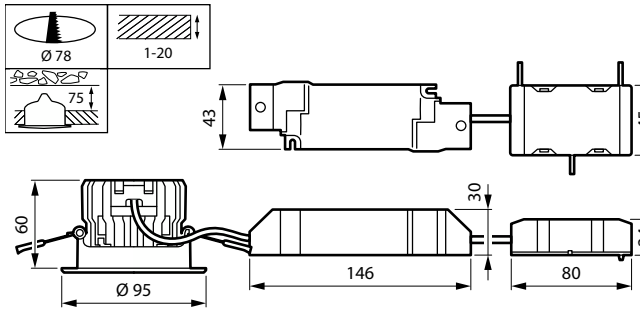
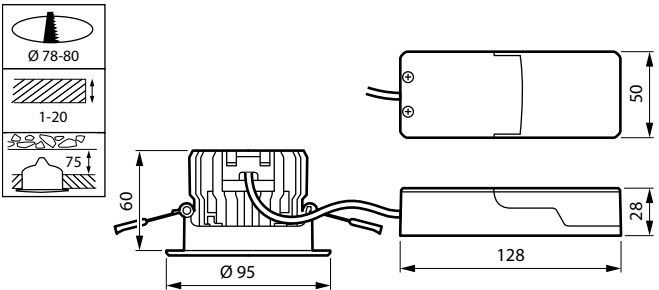
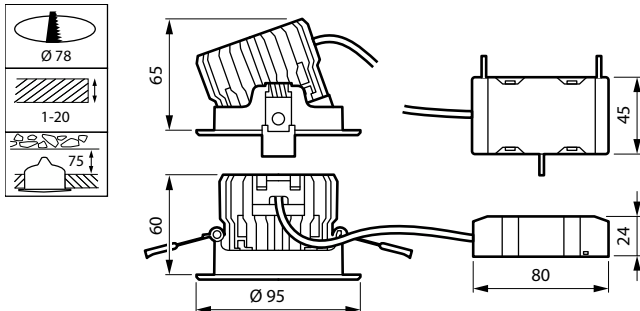
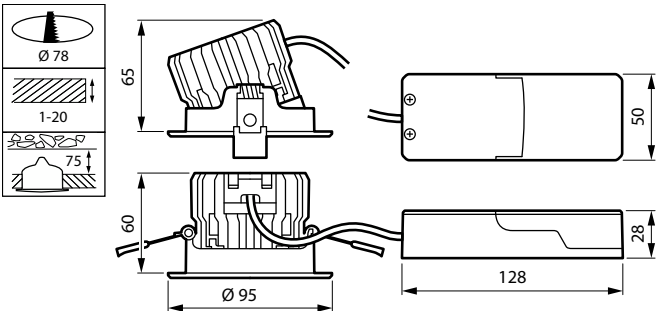
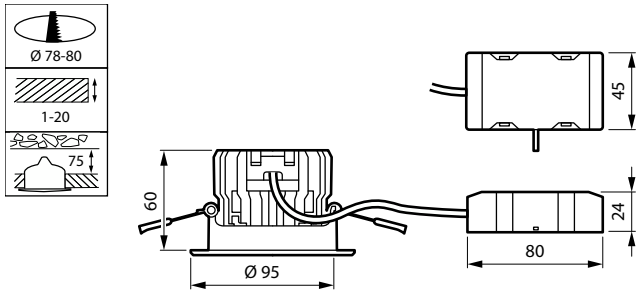
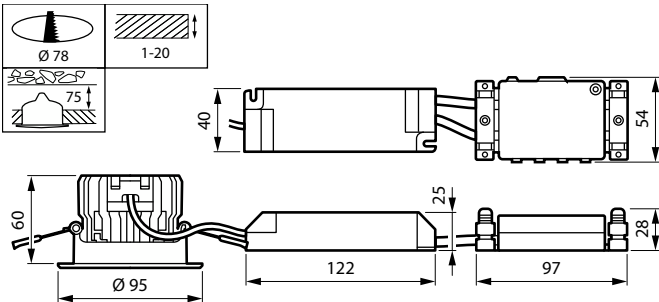
CoreLine Recessed Spot-RS141B
Adjustable ALU



CoreLine Recessed Spot gen2
D68mm 650-950-1200lm Fix WH

CoreLine Recessed Spot gen2

Dimensional drawing



CoreLine Recessed Spot gen2

Product details



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RS140B-DPP.TIF



CoreLine_Recessed_Spot-RS141B-
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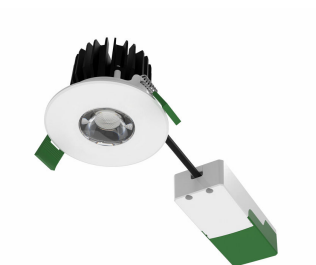
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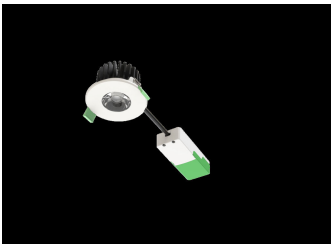
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CoreLine Recessed Spot gen2
D68mm 650-950-1200lm Fix WH
DDP



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



CoreLine Recessed Spot gen2
D78mm 1200lm PSR Fix



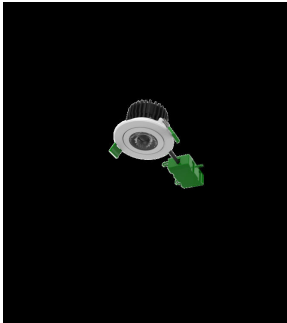
CoreLine Recessed Spot gen2
D78mm 1200lm PSD Adjustable

CoreLine Recessed Spot gen2

Product details



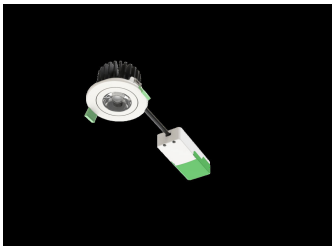
CoreLine Recessed Spot gen2
D78mm 650-950lm Fix



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
911401898982	RS150B LED6-WB-/830 D78 PSR PI6 WH	3000 K	94 lm/W	680 lm
911401899082	RS150B LED6-WB-/840 D78 PSR PI6 WH	4000 K	100 lm/W	720 lm
911401899182	RS150B LED9-WB-/830 D78 PSR PI6 WH	3000 K	88 lm/W	900 lm
911401899282	RS150B LED9-WB-/840 D78 PSR PI6 WH	4000 K	93 lm/W	950 lm
911401899382	RS150B LED12-WB-/830 D78 PSR PI6 WH	3000 K	104 lm/W	1,280 lm
911401899482	RS150B LED12-WB-/840 D78 PSR PI6 WH	4000 K	107 lm/W	1,320 lm
911401811284	RS151B LED6-WB-/830 D78HALOX PSR PI6 WH	3000 K	94 lm/W	680 lm
911401897482	RS151B LED6-WB-/830 D78 PSR PI6 WH	3000 K	94 lm/W	680 lm
911401897682	RS151B LED6-WB-/840 D78 PSR PI6 WH	4000 K	100 lm/W	720 lm
911401897982	RS151B LED9-WB-/830 D78 PSR PI6 WH	3000 K	88 lm/W	900 lm
911401898182	RS151B LED9-WB-/840 D78 PSR PI6 WH	4000 K	93 lm/W	950 lm
911401898282	RS151B LED12-WB-/830 D78 PSR PI6 WH	3000 K	104 lm/W	1,280 lm
911401898482	RS151B LED12-WB-/840 D78 PSR PI6 WH	4000 K	107 lm/W	1,320 lm
911401898582	RS151B LED12-WB-/830 D78 WIA PI6 WH	3000 K	106 lm/W	1,280 lm
911401898682	RS151B LED12-WB-/840 D78 WIA PI6 WH	4000 K	110 lm/W	1,320 lm
911401898882	RS151B LED12-WB-/840 D78 PSD PI10 WH	4000 K	107 lm/W	1,320 lm
911401810584	RS150B LED6-WB-/830 D78 PSR PI6 ALU	3000 K	94 lm/W	680 lm
911401810684	RS150B LED9-WB-/830 D78 PSR PI6 ALU	3000 K	88 lm/W	900 lm
911401810784	RS150B LED12-WB-/830 D78 PSR PI6 ALU	3000 K	104 lm/W	1,280 lm
911401824484	RS150B LED6-WB-/840 D78 PSR PI6 ALU	4000 K	100 lm/W	720 lm
911401824584	RS150B LED6-WB-/827 D78 PSR PI6 ALU	2700 K	90 lm/W	660 lm
911401810384	RS151B LED9-WB-/840 D78 PSR PI6 ALU	4000 K	93 lm/W	950 lm
911401810484	RS151B LED12-WB-/840 D78 PSR PI6 ALU	4000 K	107 lm/W	1,320 lm
911401897582	RS151B LED6-WB-/830 D78 PSR PI6 ALU	3000 K	94 lm/W	680 lm

CoreLine Recessed Spot gen2

Order Code	Full Product Name	Correlated Color		Luminous Efficacy (rated) (Nom)	Luminous Flux
		Temperature (Nom)			
911401897782	RS151B LED6-WB-/840 D78 PSR PI6 ALU	4000 K		100 lm/W	720 lm
911401897882	RS151B LED6-WB-/827 D78 PSR PI6 ALU	2700 K		90 lm/W	660 lm
911401898082	RS151B LED9-WB-/830 D78 PSR PI6 ALU	3000 K		88 lm/W	900 lm
911401898382	RS151B LED12-WB-/830 D78 PSR PI6 ALU	3000 K		104 lm/W	1,280 lm
911401898782	RS151B LED12-WB-/830 D78 PSD PI10 WH	3000 K		104 lm/W	1,280 lm
911401822684	RS155B LED9-WB-/830 D68 PSR PI6 WH	3000 K		98 lm/W	1,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401898982	RS150B LED6-WB-/830 D78 PSR PI6 WH	7.2 W
911401899082	RS150B LED6-WB-/840 D78 PSR PI6 WH	7.2 W
911401899182	RS150B LED9-WB-/830 D78 PSR PI6 WH	10.2 W
911401899282	RS150B LED9-WB-/840 D78 PSR PI6 WH	10.2 W
911401899382	RS150B LED12-WB-/830 D78 PSR PI6 WH	12.3 W
911401899482	RS150B LED12-WB-/840 D78 PSR PI6 WH	12.3 W
911401811284	RS151B LED6-WB-/830 D78HALOX PSR PI6 WH	7.2 W
911401897482	RS151B LED6-WB-/830 D78 PSR PI6 WH	7.2 W
911401897682	RS151B LED6-WB-/840 D78 PSR PI6 WH	7.2 W
911401897982	RS151B LED9-WB-/830 D78 PSR PI6 WH	10.2 W
911401898182	RS151B LED9-WB-/840 D78 PSR PI6 WH	10.2 W
911401898282	RS151B LED12-WB-/830 D78 PSR PI6 WH	12.3 W
911401898482	RS151B LED12-WB-/840 D78 PSR PI6 WH	12.3 W
911401898582	RS151B LED12-WB-/830 D78 WIA PI6 WH	12 W
911401898682	RS151B LED12-WB-/840 D78 WIA PI6 WH	12 W

Order Code	Full Product Name	Power Consumption
911401898882	RS151B LED12-WB-/840 D78 PSD PI10 WH	12.3 W
911401810584	RS150B LED6-WB-/830 D78 PSR PI6 ALU	7.2 W
911401810684	RS150B LED9-WB-/830 D78 PSR PI6 ALU	10.2 W
911401810784	RS150B LED12-WB-/830 D78 PSR PI6 ALU	12.3 W
911401824484	RS150B LED6-WB-/840 D78 PSR PI6 ALU	7.2 W
911401824584	RS150B LED6-WB-/827 D78 PSR PI6 ALU	7.2 W
911401810384	RS151B LED9-WB-/840 D78 PSR PI6 ALU	10.2 W
911401810484	RS151B LED12-WB-/840 D78 PSR PI6 ALU	12.3 W
911401897582	RS151B LED6-WB-/830 D78 PSR PI6 ALU	7.2 W
911401897782	RS151B LED6-WB-/840 D78 PSR PI6 ALU	7.2 W
911401897882	RS151B LED6-WB-/827 D78 PSR PI6 ALU	7.2 W
911401898082	RS151B LED9-WB-/830 D78 PSR PI6 ALU	10.2 W
911401898382	RS151B LED12-WB-/830 D78 PSR PI6 ALU	12.3 W
911401898782	RS151B LED12-WB-/830 D78 PSD PI10 WH	12.3 W
911401822684	RS155B LED9-WB-/830 D68 PSR PI6 WH	10.2 W

Mechanical and Housing

Order Code	Full Product Name	Housing	Ingress protection
		Color	code
911401898982	RS150B LED6-WB-/830 D78 PSR PI6 WH	White	IP20/65
911401899082	RS150B LED6-WB-/840 D78 PSR PI6 WH	White	IP20/65
911401899182	RS150B LED9-WB-/830 D78 PSR PI6 WH	White	IP20/65
911401899282	RS150B LED9-WB-/840 D78 PSR PI6 WH	White	IP20/65
911401899382	RS150B LED12-WB-/830 D78 PSR PI6 WH	White	IP20/65
911401899482	RS150B LED12-WB-/840 D78 PSR PI6 WH	White	IP20/65

Order Code	Full Product Name	Housing	Ingress protection
		Color	code
911401811284	RS151B LED6-WB-/830 D78HALOX PSR PI6 WH	White	IP20/44
911401897482	RS151B LED6-WB-/830 D78 PSR PI6 WH	White	IP20/44
911401897682	RS151B LED6-WB-/840 D78 PSR PI6 WH	White	IP20/44
911401897982	RS151B LED9-WB-/830 D78 PSR PI6 WH	White	IP20/44
911401898182	RS151B LED9-WB-/840 D78 PSR PI6 WH	White	IP20/44
911401898282	RS151B LED12-WB-/830 D78 PSR PI6 WH	White	IP20/44
911401898482	RS151B LED12-WB-/840 D78 PSR PI6 WH	White	IP20/44
911401898582	RS151B LED12-WB-/830 D78 WIA PI6 WH	White	IP20/44

CoreLine Recessed Spot gen2

Order Code	Full Product Name	Housing Color	Ingress protection code
911401898682	RS151B LED12-WB-/840 D78 WIA PI6 WH	White	IP20/44
911401898882	RS151B LED12-WB-/840 D78 PSD PI10 WH	White	IP20/44
911401810584	RS150B LED6-WB-/830 D78 PSR PI6 ALU	Aluminum	IP20/65
911401810684	RS150B LED9-WB-/830 D78 PSR PI6 ALU	Aluminum	IP20/65
911401810784	RS150B LED12-WB-/830 D78 PSR PI6 ALU	Aluminum	IP20/65
911401824484	RS150B LED6-WB-/840 D78 PSR PI6 ALU	Aluminum	IP20/65
911401824584	RS150B LED6-WB-/827 D78 PSR PI6 ALU	Aluminum	IP20/65
911401810384	RS151B LED9-WB-/840 D78 PSR PI6 ALU	Aluminum	IP20/44

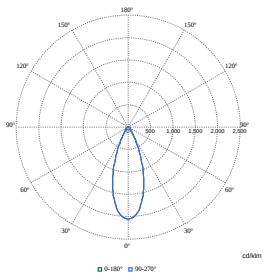
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911401897582	RS151B LED6-WB-/830 D78 PSR PI6 ALU	Aluminum	IP20/44
911401897782	RS151B LED6-WB-/840 D78 PSR PI6 ALU	Aluminum	IP20/44
911401897882	RS151B LED6-WB-/827 D78 PSR PI6 ALU	Aluminum	IP20/44
911401898082	RS151B LED9-WB-/830 D78 PSR PI6 ALU	Aluminum	IP20/44
911401898382	RS151B LED12-WB-/830 D78 PSR PI6 ALU	Aluminum	IP20/44
911401898782	RS151B LED12-WB-/830 D78 PSD PI10 WH	White	IP20/44
911401822684	RS155B LED9-WB-/830 D68 PSR PI6 WH	White	IP20/65

Initial Performance (IEC Compliant)

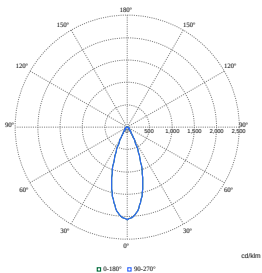
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911401899082	RS150B LED6-WB-/840 D78 PSR PI6 WH	(0.38, 0.38) SDCM <5
911401899182	RS150B LED9-WB-/830 D78 PSR PI6 WH	(0.43, 0.40) SDCM <5
911401899282	RS150B LED9-WB-/840 D78 PSR PI6 WH	(0.38, 0.38) SDCM <5
911401899382	RS150B LED12-WB-/830 D78 PSR PI6 WH	(0.43, 0.40) SDCM <5
911401899482	RS150B LED12-WB-/840 D78 PSR PI6 WH	(0.38, 0.38) SDCM <5
911401811284	RS151B LED6-WB-/830 D78HALOX PSR PI6 WH	(0.43, 0.40) SDCM <5
911401897482	RS151B LED6-WB-/830 D78 PSR PI6 WH	(0.43, 0.40) SDCM <5
911401897682	RS151B LED6-WB-/840 D78 PSR PI6 WH	(0.38, 0.38) SDCM <5
911401897982	RS151B LED9-WB-/830 D78 PSR PI6 WH	(0.43, 0.40) SDCM <5
911401898182	RS151B LED9-WB-/840 D78 PSR PI6 WH	(0.38, 0.38) SDCM <5
911401898282	RS151B LED12-WB-/830 D78 PSR PI6 WH	(0.43, 0.40) SDCM <5
911401898482	RS151B LED12-WB-/840 D78 PSR PI6 WH	(0.38, 0.38) SDCM <5
911401898582	RS151B LED12-WB-/830 D78 WIA PI6 WH	(0.43, 0.40) SDCM <5
911401898682	RS151B LED12-WB-/840 D78 WIA PI6 WH	(0.38, 0.38) SDCM <5

Order Code	Full Product Name	Initial chromaticity
911401898882	RS151B LED12-WB-/840 D78 PSD PI10 WH	(0.38, 0.38) SDCM <5
911401810584	RS150B LED6-WB-/830 D78 PSR PI6 ALU	(0.43, 0.40) SDCM <5
911401810684	RS150B LED9-WB-/830 D78 PSR PI6 ALU	(0.43, 0.40) SDCM <5
911401810784	RS150B LED12-WB-/830 D78 PSR PI6 ALU	(0.43, 0.40) SDCM <5
911401824484	RS150B LED6-WB-/840 D78 PSR PI6 ALU	(0.38, 0.38) SDCM <5
911401824584	RS150B LED6-WB-/827 D78 PSR PI6 ALU	(0.46, 0.41) SDCM <5
911401810384	RS151B LED9-WB-/840 D78 PSR PI6 ALU	(0.38, 0.38) SDCM <5
911401810484	RS151B LED12-WB-/840 D78 PSR PI6 ALU	(0.38, 0.38) SDCM <5
911401897582	RS151B LED6-WB-/830 D78 PSR PI6 ALU	(0.43, 0.40) SDCM <5
911401897782	RS151B LED6-WB-/840 D78 PSR PI6 ALU	(0.38, 0.38) SDCM <5
911401897882	RS151B LED6-WB-/827 D78 PSR PI6 ALU	(0.46, 0.41) SDCM <5
911401898082	RS151B LED9-WB-/830 D78 PSR PI6 ALU	(0.43, 0.40) SDCM <5
911401898382	RS151B LED12-WB-/830 D78 PSR PI6 ALU	(0.43, 0.40) SDCM <5
911401898782	RS151B LED12-WB-/830 D78 PSD PI10 WH	(0.43, 0.40) SDCM <5
911401822684	RS155B LED9-WB-/830 D68 PSR PI6 WH	(0.43, 0.40) SDCM <5

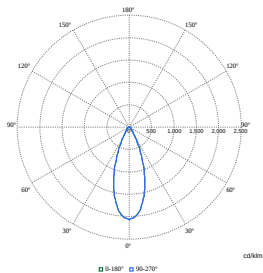
Polar Wide Diagrams



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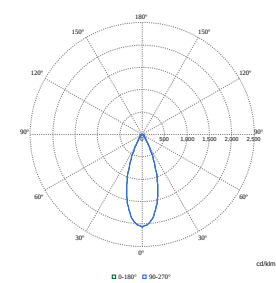
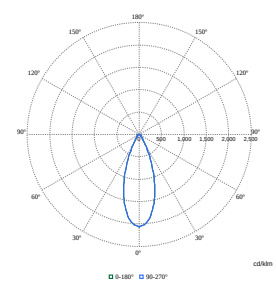
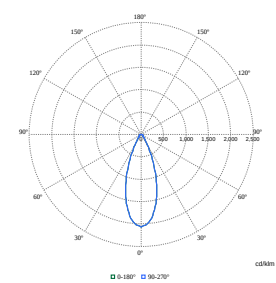
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CoreLine Recessed Spot gen2

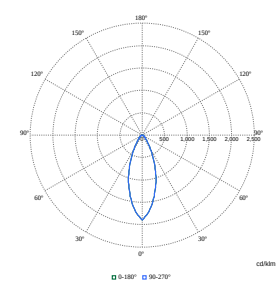
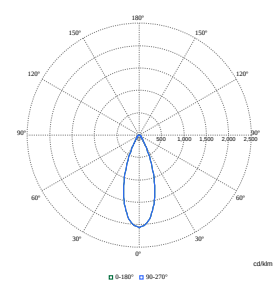
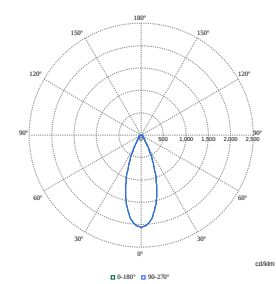
Polar Wide Diagrams



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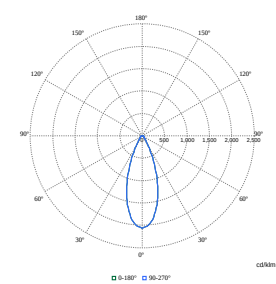
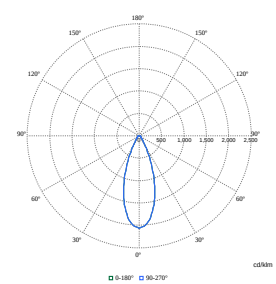
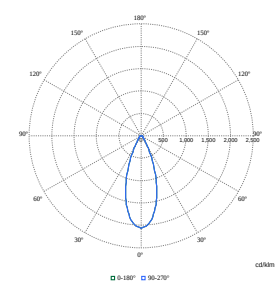
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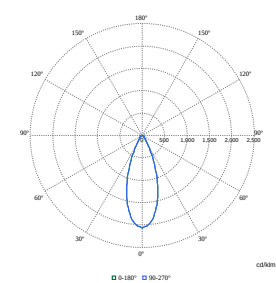
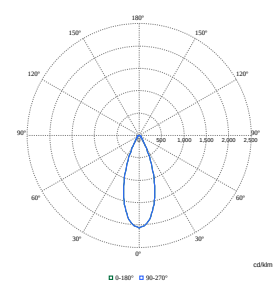
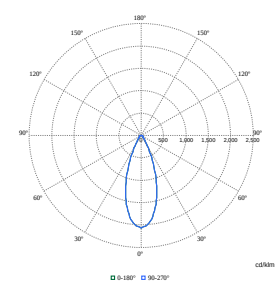
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Polar Normal (separate) - null - 911401897482

Polar Normal (separate) - null - 911401897582

Polar Normal (separate) - null - 911401897682



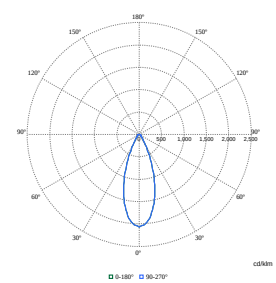
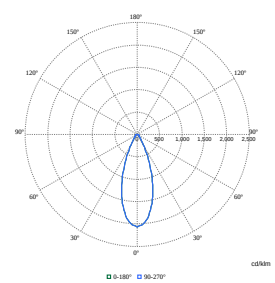
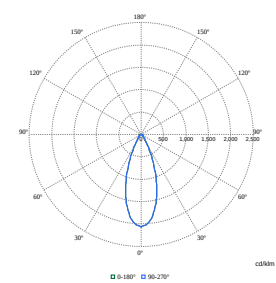
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CoreLine Recessed Spot gen2

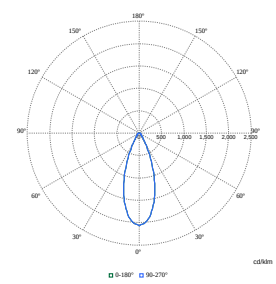
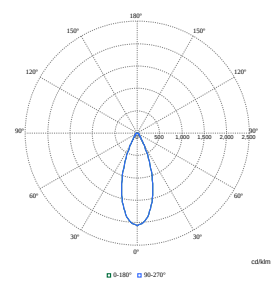
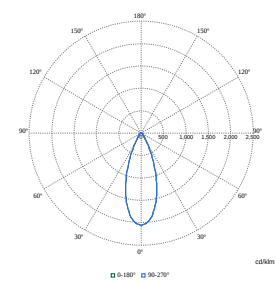
Polar Wide Diagrams



Polar Normal (separate) - null - 911401898082

Polar Normal (separate) - null - 911401898182

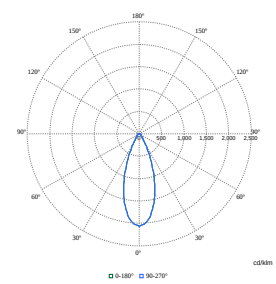
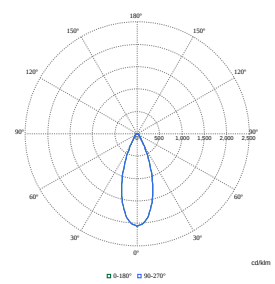
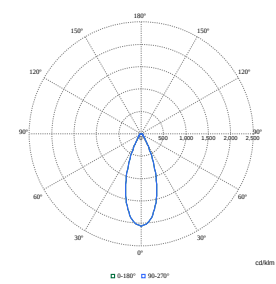
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Polar Normal (separate) - null - 911401898382

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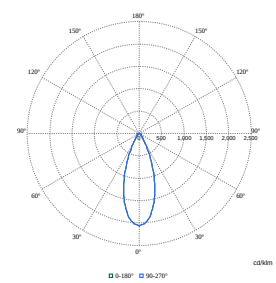
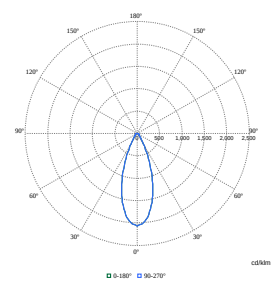
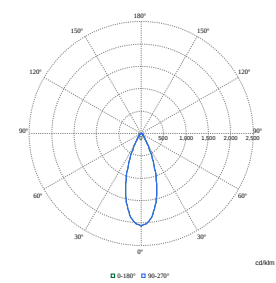
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Polar Normal (separate) - null - 911401898782

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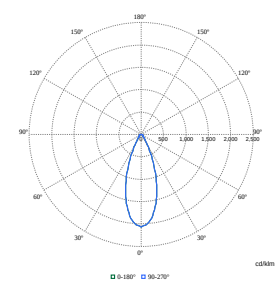


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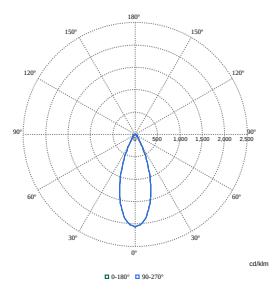
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Polar Normal (separate) - null - 911401899182

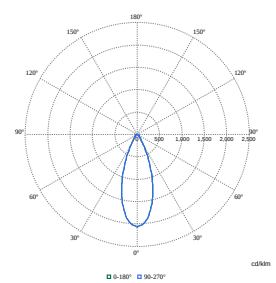
Polar Wide Diagrams



Polar Normal (separate) - null - 911401899282



Polar Normal (separate) - null - 911401899482



Polar Normal (separate) - null - 911401899382

