



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 colour (CCT), light output, colour 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 make 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 light 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 50.000 h
- System efficacy of 88 to 107 lm/w, depending on configuration
- Colour Rendering Index, CRI >80
- Standard colour deviation, SDCM < 3
- Correlated light colour temperature of 2,700 K, 3,000 K or 4,000 K
- 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-
RS140B-SPP.TIF



CoreLine Recessed Spot-RS140B
Fixed ALU

CoreLine Recessed Spot gen2

Versions

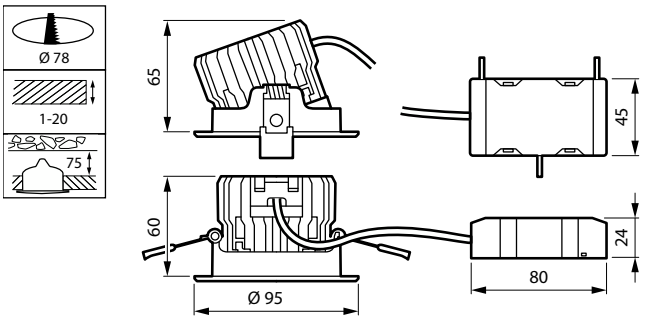
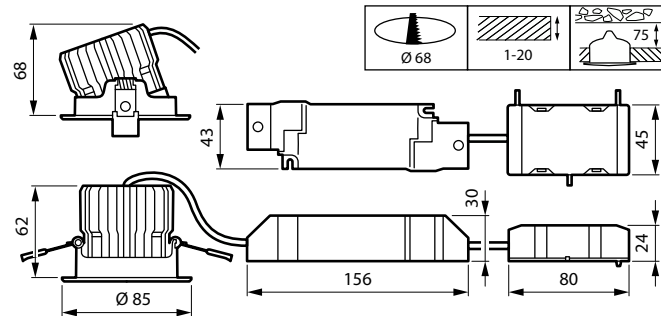
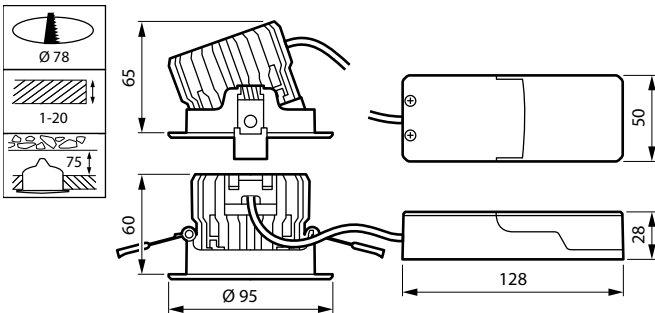
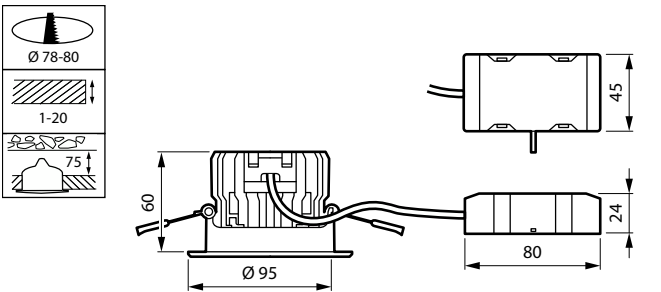
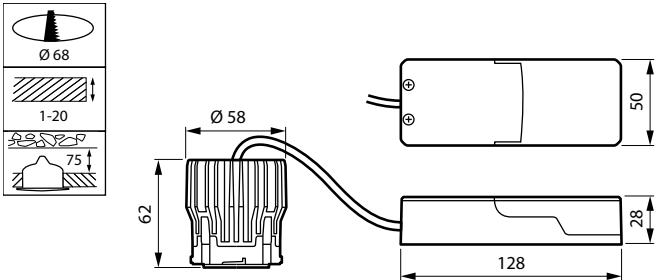
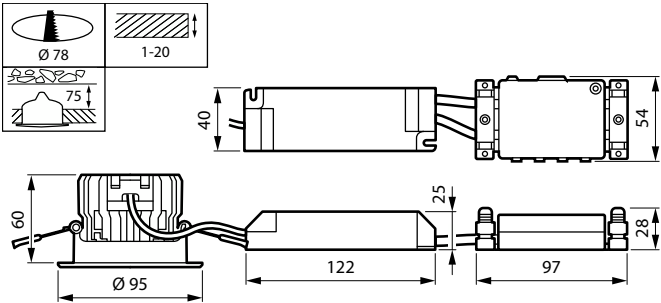


CoreLine Recessed Spot gen2
D68mm 650-950-1200lm
Adjustable WH SPP



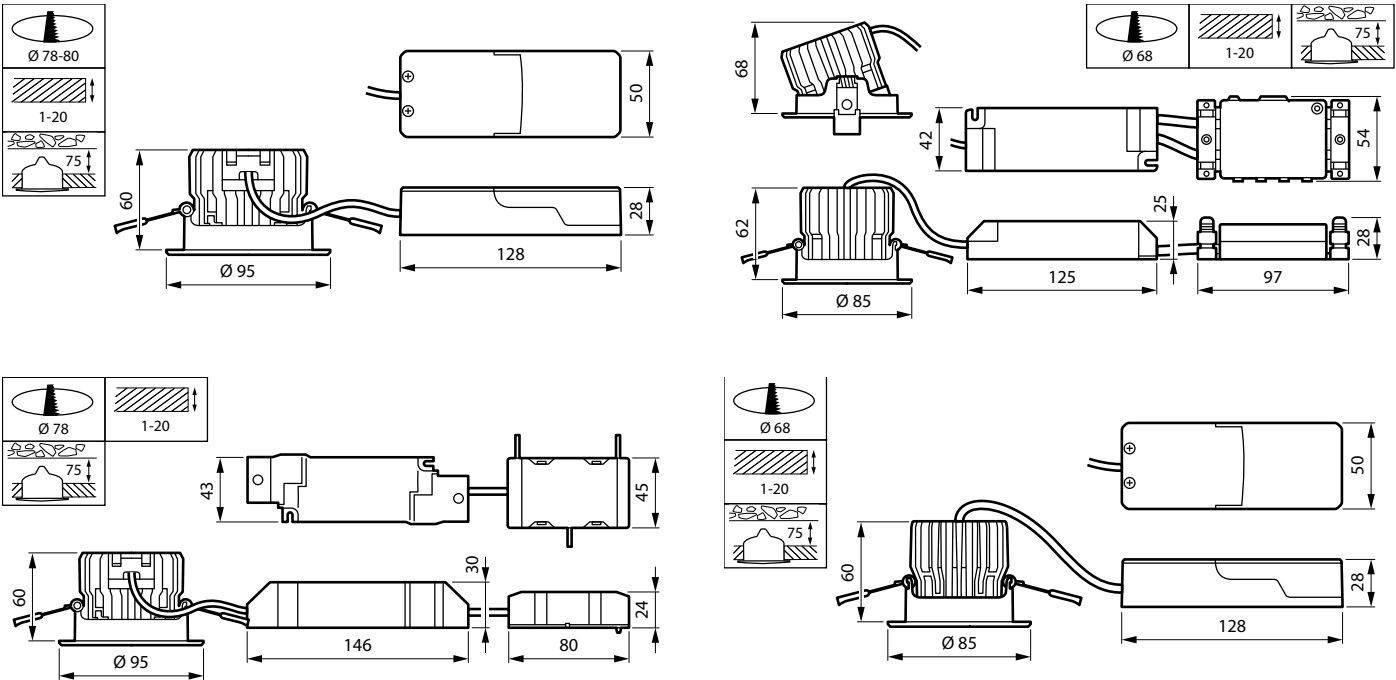
CoreLine Recessed Spot gen2
D68mm 650-950-1200lm Fix WH

Dimensional drawing



CoreLine Recessed Spot gen2

Dimensional drawing



Product details



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CoreLine_Recessed_Spot-RS141B-DPP.TIF



CoreLine_Recessed_Spot-RS140B_Fixed_ALU-DPP.TIF



CoreLine_Recessed_Spot-RS141B_Adjustable_ALU-DPP.TIF

CoreLine Recessed Spot gen2

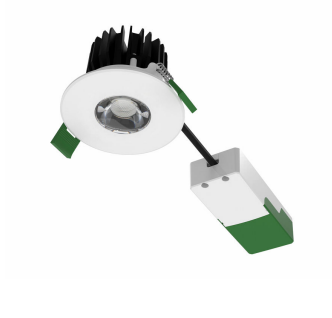
Product details



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



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



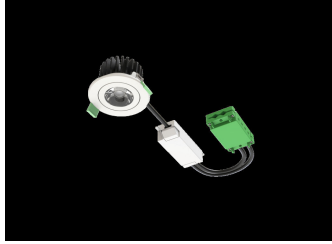
CoreLine Recessed Spot gen2
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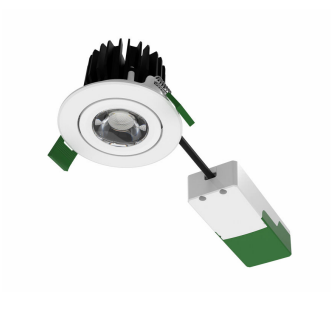
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D68mm 650-950-1200lm
Adjustable WH DDP



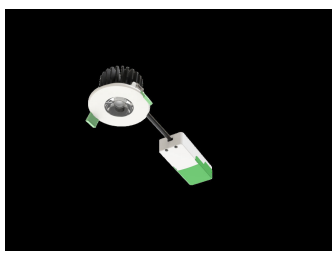
CoreLine Recessed Spot gen2
D68mm 1200lm Adjustable PSD
WH DDP



CoreLine Recessed Spot gen2
D78mm 1200lm PSD Adjustable



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



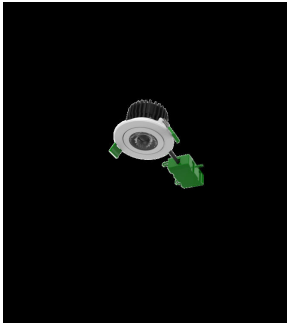
CoreLine Recessed Spot gen2
D78mm 1200lm PSR Fix

CoreLine Recessed Spot gen2

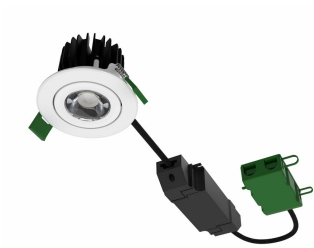
Product details



CoreLine Recessed Spot gen2
D78mm 650-950lm Fix



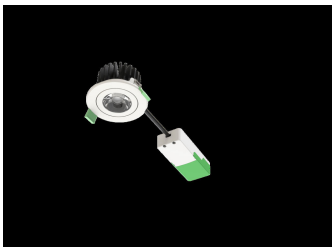
CoreLine Recessed Spot gen2
D78mm 650-900lm PSR
Adjustable



CoreLine Recessed Spot gen2
D68mm 1200lm Adjustable WIA
WH DDP



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	Unit

Light Technical

Beam angle of light source	120 degree(s)
Colour 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)	1
Stroboscopic effect	0.4

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Light Technical

Order Code	Full Product Name	Correlated Colour 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
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
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
93822999	RS150B LED12-WB-/830 D78 PSR PI6 ALU	3000 K	104 lm/W	1,280 lm
93818299	RS151B LED9-WB-/840 D78 PSR PI6 ALU	4000 K	93 lm/W	950 lm
54824499	RS151B LED12-WB-/830 D78 PSD PI10 WH	3000 K	104 lm/W	1,280 lm
94084099	RS156B LED6-WB-/830 D68HALOX PSR PI6 WH	3000 K	104 lm/W	750 lm
94079699	RS156B LED6-WB-/830 D68 PSR PI6 WH	3000 K	104 lm/W	750 lm
94081999	RS156B LED6-WB-/840 D68 PSR PI6 WH	4000 K	110 lm/W	800 lm
94087199	RS156B LED9-WB-/840 D68 PSR PI6 WH	4000 K	105 lm/W	1,080 lm
94089599	RS156B LED12-WB-/830 D68 PSR PI6 WH	3000 K	105 lm/W	1,300 lm
94091899	RS156B LED12-WB-/840 D68 PSR PI6 WH	4000 K	112 lm/W	1,380 lm
94093299	RS156B LED12-WB-/830 D68 WIA PI6 WH	3000 K	108 lm/W	1,300 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

CoreLine Recessed Spot gen2

Order Code	Full Product Name	Correlated Colour	Luminous efficacy	
		Temperature (Nom)	(rated) (nom.)	Luminous Flux
94096399	RS156B LED12-WB-/840 D68 PSD PI10 WH	4000 K	112 lm/W	1,380 lm
94097099	RS155B LED6-WB-/830 D68 PSR PI6 WH	3000 K	104 lm/W	750 lm
94099499	RS155B LED6-WB-/840 D68 PSR PI6 WH	4000 K	110 lm/W	800 lm
94103899	RS155B LED12-WB-/830 D68 PSR PI6 WH	3000 K	105 lm/W	1,300 lm
94105299	RS155B LED12-WB-/840 D68 PSR PI6 WH	4000 K	112 lm/W	1,380 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
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
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
93822999	RS150B LED12-WB-/830 D78 PSR PI6 ALU	12.3 W
93818299	RS151B LED9-WB-/840 D78 PSR PI6 ALU	10.2 W

Order Code	Full Product Name	Power Consumption
54824499	RS151B LED12-WB-/830 D78 PSD PI10 WH	12.3 W
94084099	RS156B LED6-WB-/830 D68HALOX PSR PI6 WH	7.2 W
94079699	RS156B LED6-WB-/830 D68 PSR PI6 WH	7.2 W
94081999	RS156B LED6-WB-/840 D68 PSR PI6 WH	7.2 W
94087199	RS156B LED9-WB-/840 D68 PSR PI6 WH	10.2 W
94089599	RS156B LED12-WB-/830 D68 PSR PI6 WH	12.3 W
94091899	RS156B LED12-WB-/840 D68 PSR PI6 WH	12.3 W
94093299	RS156B LED12-WB-/830 D68 WIA PI6 WH	12 W
94094999	RS156B LED12-WB-/840 D68 WIA PI6 WH	12 W
94095699	RS156B LED12-WB-/830 D68 PSD PI10 WH	12.3 W
94096399	RS156B LED12-WB-/840 D68 PSD PI10 WH	12.3 W
94097099	RS155B LED6-WB-/830 D68 PSR PI6 WH	7.2 W
94099499	RS155B LED6-WB-/840 D68 PSR PI6 WH	7.2 W
94103899	RS155B LED12-WB-/830 D68 PSR PI6 WH	12.3 W
94105299	RS155B LED12-WB-/840 D68 PSR PI6 WH	12.3 W

Mechanical and Housing

Order Code	Full Product Name	Housing	Ingress
		Colour	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
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
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

Order Code	Full Product Name	Housing	Ingress
		Colour	protection code
93822999	RS150B LED12-WB-/830 D78 PSR PI6 ALU	Aluminium	IP20/65
93818299	RS151B LED9-WB-/840 D78 PSR PI6 ALU	Aluminium	IP20/44
54824499	RS151B LED12-WB-/830 D78 PSD PI10 WH	White	IP20/44
94084099	RS156B LED6-WB-/830 D68HALOX PSR PI6 WH	White	IP20/44
94079699	RS156B LED6-WB-/830 D68 PSR PI6 WH	White	IP20/44
94081999	RS156B LED6-WB-/840 D68 PSR PI6 WH	White	IP20/44
94087199	RS156B LED9-WB-/840 D68 PSR PI6 WH	White	IP20/44
94089599	RS156B LED12-WB-/830 D68 PSR PI6 WH	White	IP20/44
94091899	RS156B LED12-WB-/840 D68 PSR PI6 WH	White	IP20/44
94093299	RS156B LED12-WB-/830 D68 WIA 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

CoreLine Recessed Spot gen2

Order Code	Full Product Name	Housing Colour	Ingress protection code
94096399	RS156B LED12-WB-/840 D68 PSD PI10 WH	White	IP20/44
94097099	RS155B LED6-WB-/830 D68 PSR PI6 WH	White	IP20/65

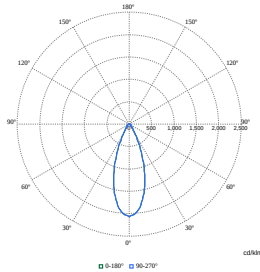
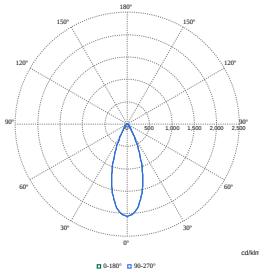
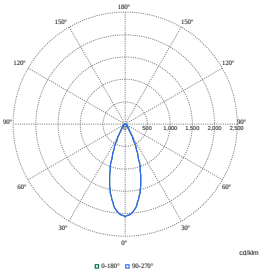
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94103899	RS155B LED12-WB-/830 D68 PSR PI6 WH	White	IP20/65
94105299	RS155B LED12-WB-/840 D68 PSR PI6 WH	White	IP20/65

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
54826899	RS150B LED6-WB-/830 D78 PSR PI6 WH	(0.43, 0.40) SDCM <5
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
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
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
93822999	RS150B LED12-WB-/830 D78 PSR PI6 ALU	(0.43, 0.40) SDCM <5
93818299	RS151B LED9-WB-/840 D78 PSR PI6 ALU	(0.38, 0.38) SDCM <5

Order Code	Full Product Name	Initial chromaticity
54824499	RS151B LED12-WB-/830 D78 PSD PI10 WH	(0.43, 0.40) SDCM <5
94084099	RS156B LED6-WB-/830 D68HALOX PSR PI6 WH	(0.43, 0.40) SDCM <5
94079699	RS156B LED6-WB-/830 D68 PSR PI6 WH	(0.43, 0.40) SDCM <5
94081999	RS156B LED6-WB-/840 D68 PSR PI6 WH	(0.38, 0.38) SDCM <5
94087199	RS156B LED9-WB-/840 D68 PSR PI6 WH	(0.38, 0.38) SDCM <5
94089599	RS156B LED12-WB-/830 D68 PSR PI6 WH	(0.43, 0.40) SDCM <5
94091899	RS156B LED12-WB-/840 D68 PSR PI6 WH	(0.38, 0.38) SDCM <5
94093299	RS156B LED12-WB-/830 D68 WIA PI6 WH	(0.43, 0.40) 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
94096399	RS156B LED12-WB-/840 D68 PSD PI10 WH	(0.38, 0.38) SDCM <5
94097099	RS155B LED6-WB-/830 D68 PSR PI6 WH	(0.43, 0.40) SDCM <5
94099499	RS155B LED6-WB-/840 D68 PSR PI6 WH	(0.38, 0.38) SDCM <5
94103899	RS155B LED12-WB-/830 D68 PSR PI6 WH	(0.43, 0.40) SDCM <5
94105299	RS155B LED12-WB-/840 D68 PSR PI6 WH	(0.38, 0.38) SDCM <5

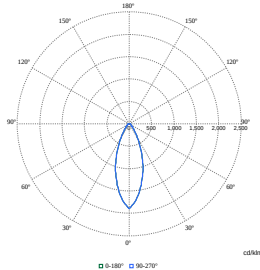
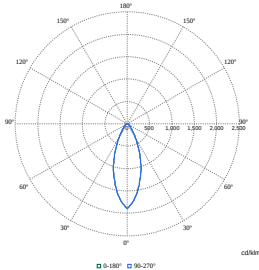
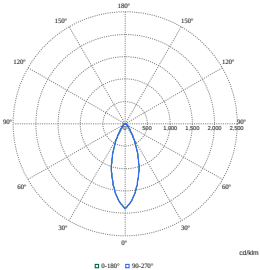
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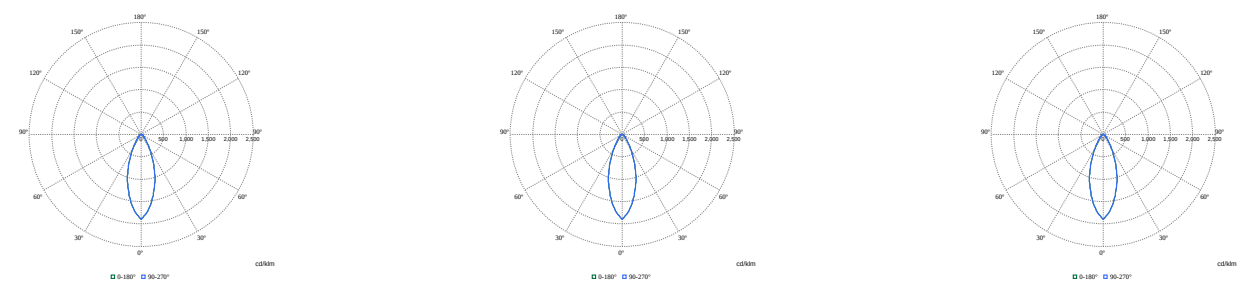
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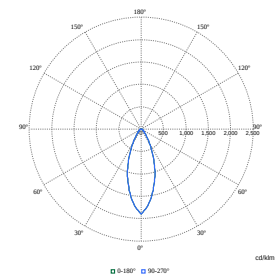
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CoreLine Recessed Spot gen2

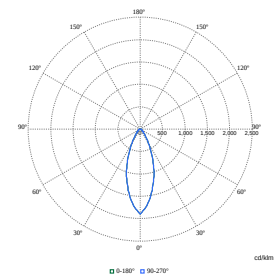
Polar Wide Diagrams



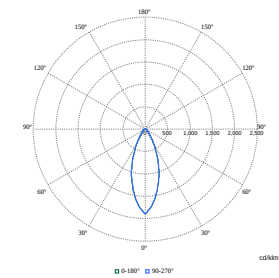
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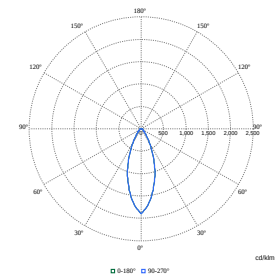
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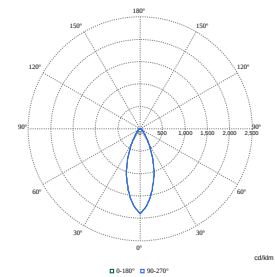
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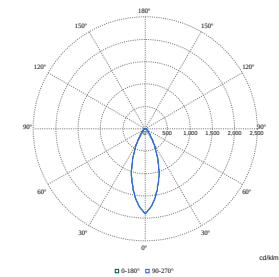
Polar Normal (separate) - null - 911401821984



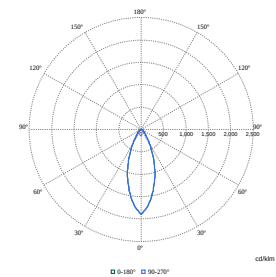
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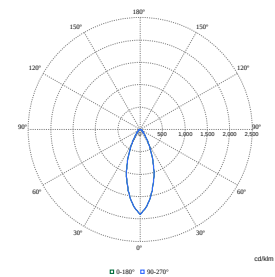
Polar Normal (separate) - null - 911401822184



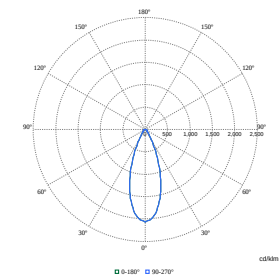
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Polar Normal (separate) - null - 911401822384



Polar Normal (separate) - null - 911401822584



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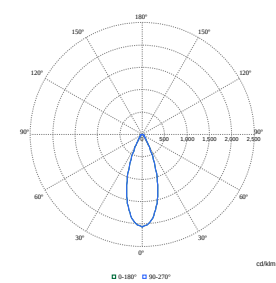
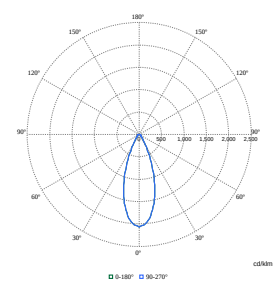
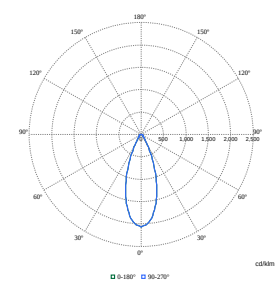


Polar Normal (separate) - null - 911401823184



Polar Normal (separate) - null - 911401897482

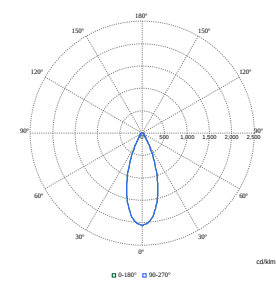
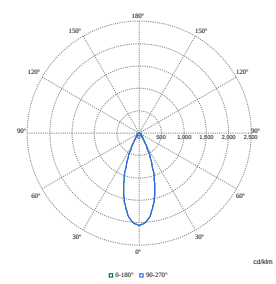
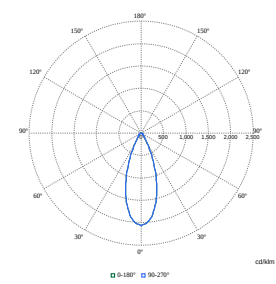
Polar Wide Diagrams



Polar Normal (separate) - null - 911401897682

Polar Normal (separate) - null - 911401898282

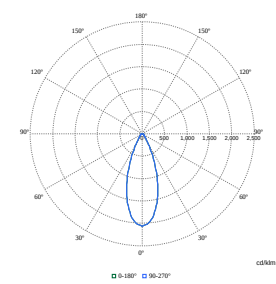
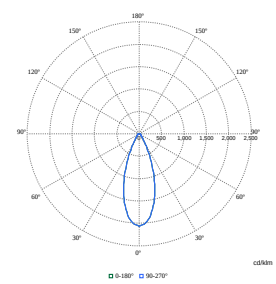
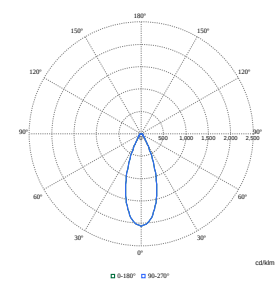
Polar Normal (separate) - null - 911401898482



Polar Normal (separate) - null - 911401898582

Polar Normal (separate) - null - 911401898682

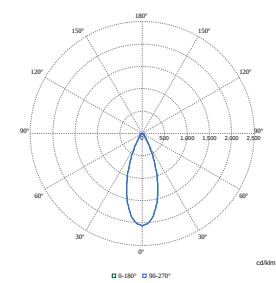
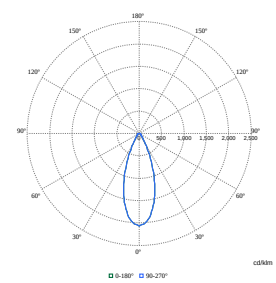
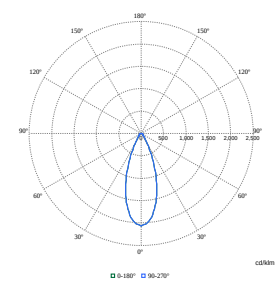
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Polar Normal (separate) - null - 911401898882

Polar Normal (separate) - null - 911401898982

Polar Normal (separate) - null - 911401899082



Polar Normal (separate) - null - 911401899182

Polar Normal (separate) - null - 911401899482

Polar Normal (separate) - null - 911401899382

CoreLine Recessed Spot gen2

