



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 through-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.

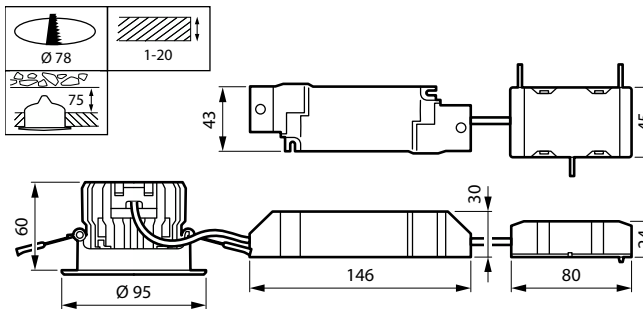
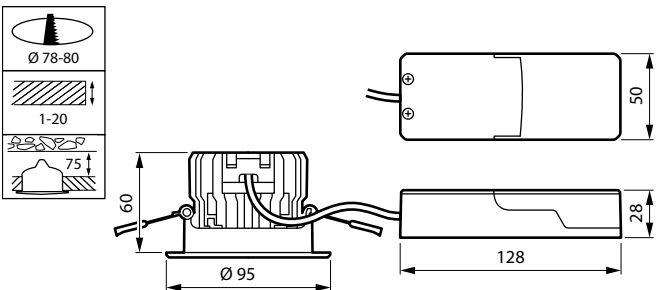
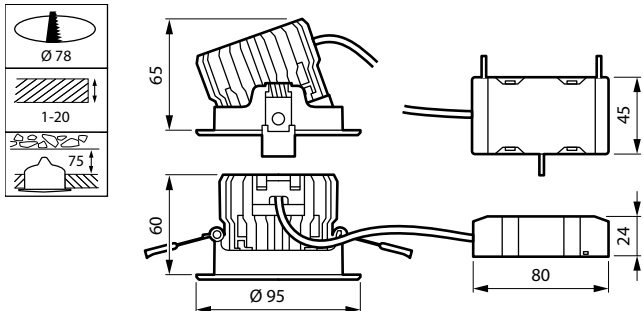
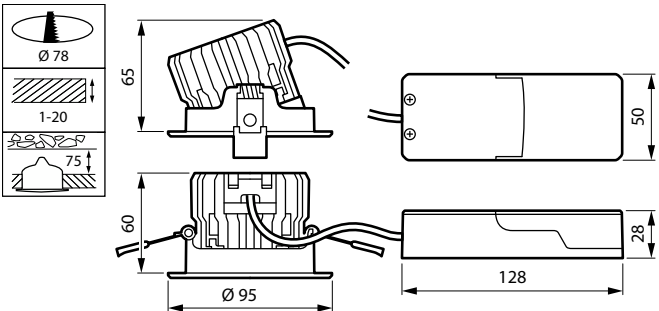
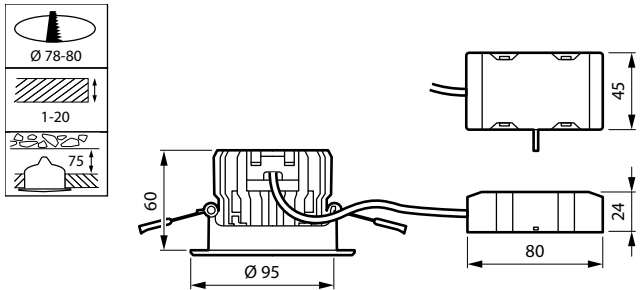
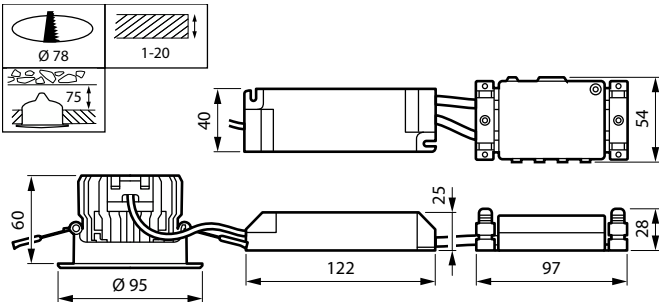
Versions



CoreLine Recessed Spot-RS141B
Adjustable ALU

CoreLine Recessed Spot gen2

Dimensional drawing



Product details



CoreLine_Recessed_Spot-
RS140B-DPP.TIF



CoreLine_Recessed_Spot-RS141B-
DPP.TIF

CoreLine Recessed Spot gen2

Product details



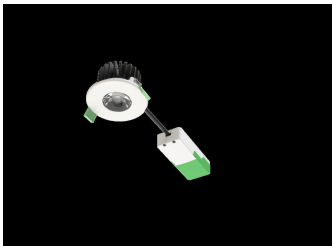
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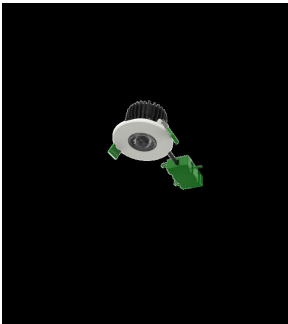
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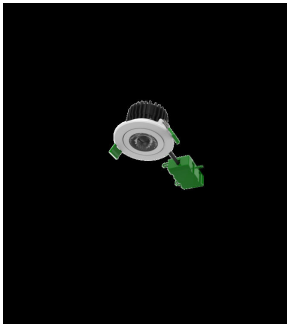
CoreLine Recessed Spot gen2
D78mm 1200lm PSD Adjustable



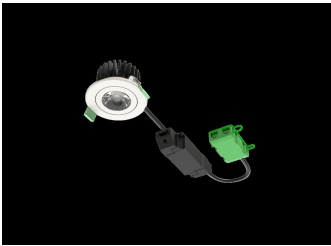
CoreLine Recessed Spot gen2
D78mm 1200lm PSR Fix



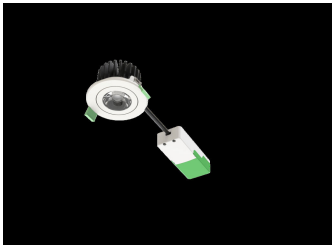
CoreLine Recessed Spot gen2
D78mm 650-950lm Fix



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

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

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz

Temperature

Ambient temperature range	0 to +35 °C
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Controls and Dimming

Dimmable	Yes
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Approval and Application

Protection class IEC	Safety class II
Mech. impact protection code	IK03

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Application Conditions

Maximum dim level	10% (depends on dimmer, ELV)
Suitable for random switching	No

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		
		Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
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

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
911401898982	RS150B LED6-WB-/830 D78 PSR PI6 WH	7.2 W	911401898882	RS151B LED12-WB-/840 D78 PSD PI10 WH	12.3 W
911401899082	RS150B LED6-WB-/840 D78 PSR PI6 WH	7.2 W	911401810584	RS150B LED6-WB-/830 D78 PSR PI6 ALU	7.2 W
911401899182	RS150B LED9-WB-/830 D78 PSR PI6 WH	10.2 W	911401810684	RS150B LED9-WB-/830 D78 PSR PI6 ALU	10.2 W
911401899282	RS150B LED9-WB-/840 D78 PSR PI6 WH	10.2 W	911401810784	RS150B LED12-WB-/830 D78 PSR PI6 ALU	12.3 W
911401899382	RS150B LED12-WB-/830 D78 PSR PI6 WH	12.3 W	911401824484	RS150B LED6-WB-/840 D78 PSR PI6 ALU	7.2 W
911401899482	RS150B LED12-WB-/840 D78 PSR PI6 WH	12.3 W	911401824584	RS150B LED6-WB-/827 D78 PSR PI6 ALU	7.2 W
911401811284	RS151B LED6-WB-/830 D78HALOX PSR PI6 WH	7.2 W	911401810384	RS151B LED9-WB-/840 D78 PSR PI6 ALU	10.2 W
911401897482	RS151B LED6-WB-/830 D78 PSR PI6 WH	7.2 W	911401810484	RS151B LED12-WB-/840 D78 PSR PI6 ALU	12.3 W
911401897682	RS151B LED6-WB-/840 D78 PSR PI6 WH	7.2 W	911401897582	RS151B LED6-WB-/830 D78 PSR PI6 ALU	7.2 W
911401897982	RS151B LED9-WB-/830 D78 PSR PI6 WH	10.2 W	911401897782	RS151B LED6-WB-/840 D78 PSR PI6 ALU	7.2 W
911401898182	RS151B LED9-WB-/840 D78 PSR PI6 WH	10.2 W	911401897882	RS151B LED6-WB-/827 D78 PSR PI6 ALU	7.2 W
911401898282	RS151B LED12-WB-/830 D78 PSR PI6 WH	12.3 W	911401898082	RS151B LED9-WB-/830 D78 PSR PI6 ALU	10.2 W
911401898482	RS151B LED12-WB-/840 D78 PSR PI6 WH	12.3 W	911401898382	RS151B LED12-WB-/830 D78 PSR PI6 ALU	12.3 W
911401898582	RS151B LED12-WB-/830 D78 WIA PI6 WH	12 W	911401898782	RS151B LED12-WB-/830 D78 PSD PI10 WH	12.3 W
911401898682	RS151B LED12-WB-/840 D78 WIA PI6 WH	12 W			

Mechanical and Housing

Order Code	Full Product Name	Housing Color	Order Code	Full Product Name	Housing Color
911401898982	RS150B LED6-WB-/830 D78 PSR PI6 WH	White	911401898882	RS151B LED12-WB-/840 D78 PSD PI10 WH	White
911401899082	RS150B LED6-WB-/840 D78 PSR PI6 WH	White	911401810584	RS150B LED6-WB-/830 D78 PSR PI6 ALU	Aluminum
911401899182	RS150B LED9-WB-/830 D78 PSR PI6 WH	White	911401810684	RS150B LED9-WB-/830 D78 PSR PI6 ALU	Aluminum
911401899282	RS150B LED9-WB-/840 D78 PSR PI6 WH	White	911401810784	RS150B LED12-WB-/830 D78 PSR PI6 ALU	Aluminum
911401899382	RS150B LED12-WB-/830 D78 PSR PI6 WH	White	911401824484	RS150B LED6-WB-/840 D78 PSR PI6 ALU	Aluminum
911401899482	RS150B LED12-WB-/840 D78 PSR PI6 WH	White	911401824584	RS150B LED6-WB-/827 D78 PSR PI6 ALU	Aluminum
911401811284	RS151B LED6-WB-/830 D78HALOX PSR PI6 WH	White	911401810384	RS151B LED9-WB-/840 D78 PSR PI6 ALU	Aluminum
911401897482	RS151B LED6-WB-/830 D78 PSR PI6 WH	White	911401810484	RS151B LED12-WB-/840 D78 PSR PI6 ALU	Aluminum
911401897682	RS151B LED6-WB-/840 D78 PSR PI6 WH	White	911401897582	RS151B LED6-WB-/830 D78 PSR PI6 ALU	Aluminum
911401897982	RS151B LED9-WB-/830 D78 PSR PI6 WH	White	911401897782	RS151B LED6-WB-/840 D78 PSR PI6 ALU	Aluminum
911401898182	RS151B LED9-WB-/840 D78 PSR PI6 WH	White	911401897882	RS151B LED6-WB-/827 D78 PSR PI6 ALU	Aluminum
911401898282	RS151B LED12-WB-/830 D78 PSR PI6 WH	White	911401898082	RS151B LED9-WB-/830 D78 PSR PI6 ALU	Aluminum
911401898482	RS151B LED12-WB-/840 D78 PSR PI6 WH	White	911401898382	RS151B LED12-WB-/830 D78 PSR PI6 ALU	Aluminum
911401898582	RS151B LED12-WB-/830 D78 WIA PI6 WH	White	911401898782	RS151B LED12-WB-/830 D78 PSD PI10 WH	White
911401898682	RS151B LED12-WB-/840 D78 WIA PI6 WH	White			

Approval and Application

CoreLine Recessed Spot gen2

Order Code	Full Product Name	Ingress protection code
911401898982	RS150B LED6-WB-/830 D78 PSR Pi6 WH	IP20/54
911401899082	RS150B LED6-WB-/840 D78 PSR Pi6 WH	IP20/54
911401899182	RS150B LED9-WB-/830 D78 PSR Pi6 WH	IP20/54
911401899282	RS150B LED9-WB-/840 D78 PSR Pi6 WH	IP20/54
911401899382	RS150B LED12-WB-/830 D78 PSR Pi6 WH	IP20/54
911401899482	RS150B LED12-WB-/840 D78 PSR Pi6 WH	IP20/54
911401811284	RS151B LED6-WB-/830 D78HALOX PSR Pi6 WH	IP20/44
911401897482	RS151B LED6-WB-/830 D78 PSR Pi6 WH	IP20/44
911401897682	RS151B LED6-WB-/840 D78 PSR Pi6 WH	IP20/44
911401897982	RS151B LED9-WB-/830 D78 PSR Pi6 WH	IP20/44
911401898182	RS151B LED9-WB-/840 D78 PSR Pi6 WH	IP20/44
911401898282	RS151B LED12-WB-/830 D78 PSR Pi6 WH	IP20/44
911401898482	RS151B LED12-WB-/840 D78 PSR Pi6 WH	IP20/44
911401898582	RS151B LED12-WB-/830 D78 WIA Pi6 WH	IP20/44
911401898682	RS151B LED12-WB-/840 D78 WIA Pi6 WH	IP20/44

Order Code	Full Product Name	Ingress protection code
911401898882	RS151B LED12-WB-/840 D78 PSD Pi10 WH	IP20/44
911401810584	RS150B LED6-WB-/830 D78 PSR Pi6 ALU	IP20/54
911401810684	RS150B LED9-WB-/830 D78 PSR Pi6 ALU	IP20/54
911401810784	RS150B LED12-WB-/830 D78 PSR Pi6 ALU	IP20/54
911401824484	RS150B LED6-WB-/840 D78 PSR Pi6 ALU	IP20/54
911401824584	RS150B LED6-WB-/827 D78 PSR Pi6 ALU	IP20/54
911401810384	RS151B LED9-WB-/840 D78 PSR Pi6 ALU	IP20/44
911401810484	RS151B LED12-WB-/840 D78 PSR Pi6 ALU	IP20/44
911401897582	RS151B LED6-WB-/830 D78 PSR Pi6 ALU	IP20/44
911401897782	RS151B LED6-WB-/840 D78 PSR Pi6 ALU	IP20/44
911401897882	RS151B LED6-WB-/827 D78 PSR Pi6 ALU	IP20/44
911401898082	RS151B LED9-WB-/830 D78 PSR Pi6 ALU	IP20/44
911401898382	RS151B LED12-WB-/830 D78 PSR Pi6 ALU	IP20/44
911401898782	RS151B LED12-WB-/830 D78 PSD Pi10 WH	IP20/44

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401898982	RS150B LED6-WB-/830 D78 PSR Pi6 WH	(0.43, 0.40) SDCM <5
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

