PHILIPS

Lighting

The slimmest Panel with highest efficacy in the market.

GreenPerform Panel

GreenPerform Panel is the slimmest Panel with highest efficacy in the market. It offers two lumen options with four dimension types, 200X1200, 300X1200, 600x600,600x1200, and three mounting options, recessed, suspended and plaster ceiling.

Benefits

- Energy saving
- Easy handling and installation
- Covers most types of ceilings with different size of 200X1200, 300X1200, 600X600 and 600X1200
- Good light quality
- Reliable performance
- Easy maintenances and installation
- Office compliant and visual comfortableness

Features

- Thickness as thin as 8.3mm
- Different installation methods, (T-bar, plater ceiling, CPC and suspended).
- CRI > 80, SDCM<4, Flicker free
- Lifetime L80 50,000hours
- Replaceable driver with plug in
- UGR16,UGR19 versions available

GreenPerform Panel

Application

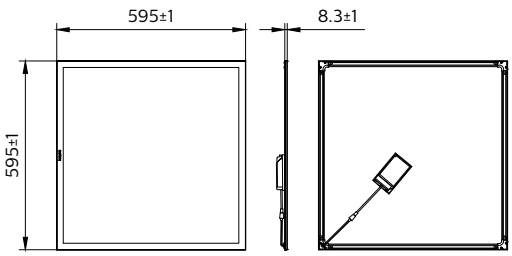
- Open office
- Meeting room
- Hospital
- Canteen

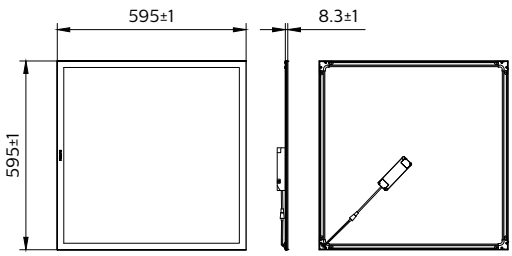
Versions

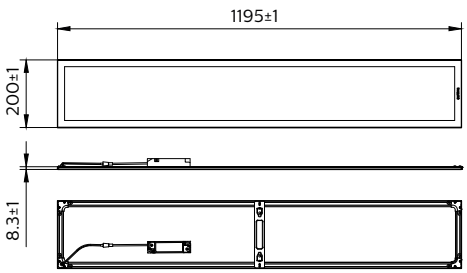
20 120+logo fa

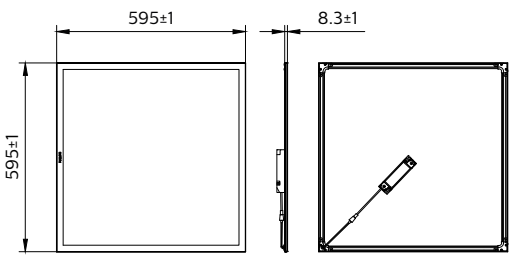
RC099 g2 600600 front

Dimensional drawing

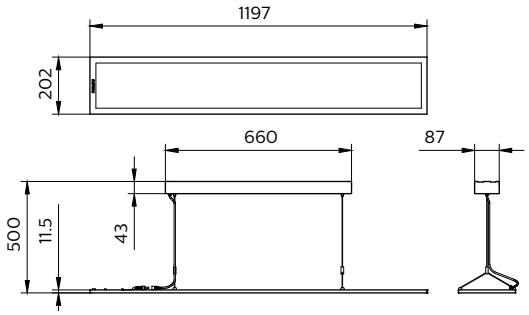


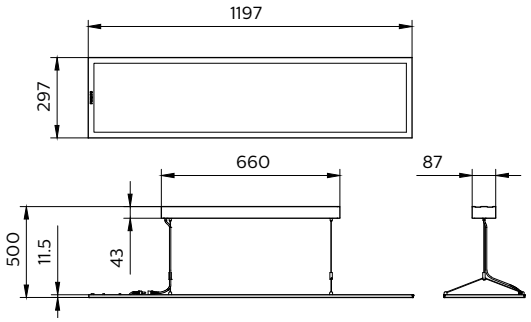


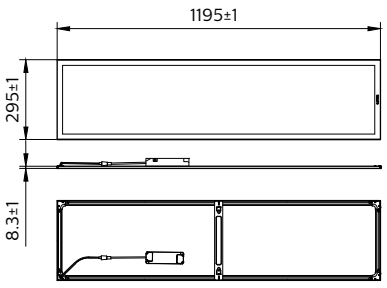


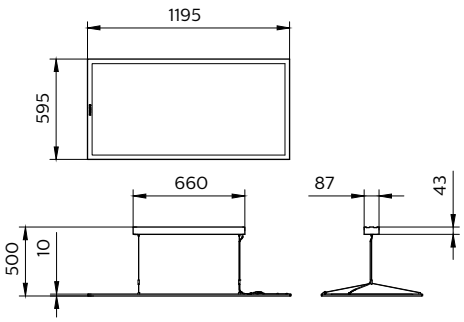


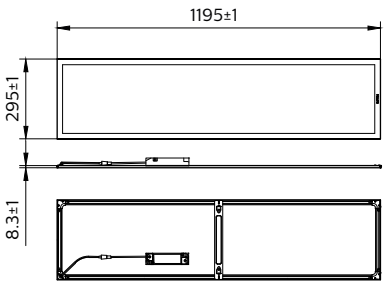
Dimensional drawing

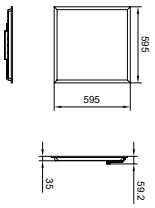


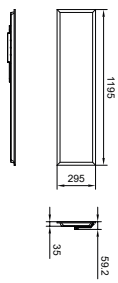












GreenPerform Panel

General Information

CE mark	CE mark
ENEC mark	-
Flammability mark	-

Light Technical

Optical cover type	Polystyrene bowl/ cover prismatic
Color rendering index (CRI)	>80

Operating and Electrical

Line Frequency	50 to 60 Hz

Approval and Application

Protection class IEC	Safety class II
Ingress protection code	IP20

General Information (1/2)

Order Code	Full Product Name	Driver included	Glow-wire test	Light source replaceable	Number of gear units
911401719482	RC160V LED30S 840 W60L60 PSU	Yes	Temperature 650 °C, duration 30 s	No	1 unit
911401719492	RC160V LED30S 865 W60L60 PSU	Yes	Temperature 650 °C, duration 30 s	No	1 unit
911401719502	RC160V LED40S 840 W60L60 PSU	Yes	Temperature 650 °C, duration 30 s	No	1 unit
911401719552	RC160V LED40S 840 W60L60 CPC	Yes	Temperature 650 °C, duration 30 s	No	1 unit
911401720802	RC160V LED40S 840 W60L60 PSD	Yes	Temperature 650 °C, duration 30 s	No	1 unit
911401720812	RC160V LED40S 865 W60L60 PSD	Yes	Temperature 650 °C, duration 30 s	No	1 unit
911401726842	RC160V LED29S 840 W60L60 PSU UGR16	Yes	Temperature 650 °C, duration 30 s	No	1 unit
911401522922	RC099X G2 LED38/840 W30L120 L1 W	-	-	-	-
911401523322	RC099X G2 LED36/840 W30L120 L1 W OC	-	-	-	-
911401523522	RC099X G2 LED36/865 W30L120 L1 W OC	-	-	-	-
911401726932	SP160P LED20S 840 W20L120 PSU	Yes	Temperature 650 °C, duration 30 s	No	1 unit
911401726942	SP160P LED40S 840 W30L120 PSU	Yes	Temperature 650 °C, duration 30 s	No	1 unit
911401726952	SP160P LED60S 840 W60L120 PSU	Yes	Temperature 650 °C, duration 30 s	No	1 unit
911401719522	RC160V LED40S 840 W30L120 PSU	Yes	Temperature 650 °C, duration 30 s	No	1 unit
911401720782	RC160V LED40S 840 W30L120 PSU UVG	Yes	Temperature 650 °C, duration 30 s	No	1 unit
911401726852	RC160V LED29S 840 W30L120 PSU UGR16	Yes	Temperature 650 °C, duration 30 s	No	1 unit
911401719472	RC160V LED20S 840 W20L120 PSU	Yes	Temperature 650 °C, duration 30 s	No	1 unit
911401522822	RC099X G2 LED38/840 W60L60 L1 W	-	-	-	-
911401523222	RC099X G2 LED36/840 W60L60 L1 W OC	-	-	-	-

General Information (2/2)

Order Code	Full Product Name	Service tag
911401719482	RC160V LED30S 840 W60L60 PSU	Yes
911401719492	RC160V LED30S 865 W60L60 PSU	Yes
911401719502	RC160V LED40S 840 W60L60 PSU	Yes
911401719552	RC160V LED40S 840 W60L60 CPC	Yes
911401720802	RC160V LED40S 840 W60L60 PSD	Yes
911401720812	RC160V LED40S 865 W60L60 PSD	Yes
911401726842	RC160V LED29S 840 W60L60 PSU UGR16	Yes

Order Code	Full Product Name	Service tag
911401522922	RC099X G2 LED38/840 W30L120 L1 W	-
911401523322	RC099X G2 LED36/840 W30L120 L1 W OC	-
911401523522	RC099X G2 LED36/865 W30L120 L1 W OC	-
911401726932	SP160P LED20S 840 W20L120 PSU	Yes
911401726942	SP160P LED40S 840 W30L120 PSU	Yes
911401726952	SP160P LED60S 840 W60L120 PSU	Yes
911401719522	RC160V LED40S 840 W30L120 PSU	Yes

Order Code	Full Product Name	Service tag
911401720782	RC160V LED40S 840 W30L120 PSU UVG	Yes
911401726852	RC160V LED29S 840 W30L120 PSU UGR16	Yes
911401719472	RC160V LED20S 840 W20L120 PSU	Yes

Order Code	Full Product Name	Service tag
911401522822	RC099X G2 LED38/840 W60L60 L1 W	-
911401523222	RC099X G2 LED36/840 W60L60 L1 W OC	-

Light Technical (1/2)

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401719482	RC160V LED30S 840 W60L60 PSU	- degree(s)	4000 K	110 lm/W	3,000 lm
911401719492	RC160V LED30S 865 W60L60 PSU	- degree(s)	6500 K	110 lm/W	3,000 lm
911401719502	RC160V LED40S 840 W60L60 PSU	- degree(s)	4000 K	110 lm/W	4,000 lm
911401719552	RC160V LED40S 840 W60L60 CPC	- degree(s)	4000 K	110 lm/W	4,000 lm
911401720802	RC160V LED40S 840 W60L60 PSD	- degree(s)	4000 K	110 lm/W	4,000 lm
911401720812	RC160V LED40S 865 W60L60 PSD	- degree(s)	6500 K	110 lm/W	4,000 lm
911401726842	RC160V LED29S 840 W60L60 PSU UGR16	- degree(s)	4000 K	105 lm/W	2,900 lm
911401522922	RC099X G2 LED38/840 W30L120 L1 W	-	4000 K	110 lm/W	3,800 lm
911401523322	RC099X G2 LED36/840 W30L120 L1 W OC	-	4000 K	100 lm/W	3,600 lm
911401523522	RC099X G2 LED36/865 W30L120 L1 W OC	-	6500 K	100 lm/W	3,600 lm
911401726932	SP160P LED20S 840 W20L120 PSU	- degree(s)	4000 K	100 lm/W	2,000 lm
911401726942	SP160P LED40S 840 W30L120 PSU	- degree(s)	4000 K	110 lm/W	4,000 lm
911401726952	SP160P LED60S 840 W60L120 PSU	- degree(s)	4000 K	110 lm/W	6,000 lm
911401719522	RC160V LED40S 840 W30L120 PSU	- degree(s)	4000 K	110 lm/W	4,000 lm
911401720782	RC160V LED40S 840 W30L120 PSU UVG	- degree(s)	4000 K	110 lm/W	4,000 lm
911401726852	RC160V LED29S 840 W30L120 PSU UGR16	- degree(s)	4000 K	105 lm/W	2,900 lm
911401719472	RC160V LED20S 840 W20L120 PSU	- degree(s)	4000 K	100 lm/W	2,000 lm
911401522822	RC099X G2 LED38/840 W60L60 L1 W	-	4000 K	110 lm/W	3,800 lm
911401523222	RC099X G2 LED36/840 W60L60 L1 W OC	-	4000 K	100 lm/W	3,600 lm

Light Technical (2/2)

Order Code	Full Product Name	Optic type
911401719482	RC160V LED30S 840 W60L60 PSU	Wide beam
911401719492	RC160V LED30S 865 W60L60 PSU	Wide beam
911401719502	RC160V LED40S 840 W60L60 PSU	Wide beam
911401719552	RC160V LED40S 840 W60L60 CPC	Wide beam
911401720802	RC160V LED40S 840 W60L60 PSD	Wide beam
911401720812	RC160V LED40S 865 W60L60 PSD	Wide beam
911401726842	RC160V LED29S 840 W60L60 PSU UGR16	Wide beam

Order Code	Full Product Name	Optic type
911401522922	RC099X G2 LED38/840 W30L120 L1 W	-
911401523322	RC099X G2 LED36/840 W30L120 L1 W OC	-
911401523522	RC099X G2 LED36/865 W30L120 L1 W OC	-
911401726932	SP160P LED20S 840 W20L120 PSU	Wide beam
911401726942	SP160P LED40S 840 W30L120 PSU	Wide beam
911401726952	SP160P LED60S 840 W60L120 PSU	Wide beam
911401719522	RC160V LED40S 840 W30L120 PSU	Wide beam

Order Code	Full Product Name	Optic type
911401720782	RC160V LED40S 840 W30L120 PSU UVG	Wide beam
911401726852	RC160V LED29S 840 W30L120 PSU UGR16	Wide beam
911401719472	RC160V LED20S 840 W20L120 PSU	Wide beam

Order Code	Full Product Name	Optic type
911401522822	RC099X G2 LED38/840 W60L60 L1 W	-
911401523222	RC099X G2 LED36/840 W60L60 L1 W OC	-

Operating and Electrical

Order Code	Full Product Name	Input Voltage	Power Consumption
911401719482	RC160V LED30S 840 W60L60 PSU	220 to 240 V	28 W
911401719492	RC160V LED30S 865 W60L60 PSU	220 to 240 V	28 W
911401719502	RC160V LED40S 840 W60L60 PSU	220 to 240 V	36 W
911401719552	RC160V LED40S 840 W60L60 CPC	220 to 240 V	36 W
911401720802	RC160V LED40S 840 W60L60 PSD	220 to 240 V	36 W
911401720812	RC160V LED40S 865 W60L60 PSD	220 to 240 V	36 W
911401726842	RC160V LED29S 840 W60L60 PSU UGR16	220 to 240 V	28 W
911401522922	RC099X G2 LED38/840 W30L120 L1 W	220 to 240 V	35 W
911401523322	RC099X G2 LED36/840 W30L120 L1 W OC	220 to 240 V	35 W
911401523522	RC099X G2 LED36/865 W30L120 L1 W OC	220 to 240 V	35 W
911401726932	SP160P LED20S 840 W20L120 PSU	220 to 240 V	20 W

Order Code	Full Product Name	Input Voltage	Power Consumption
911401726942	SP160P LED40S 840 W30L120 PSU	220 to 240 V	36 W
911401726952	SP160P LED60S 840 W60L120 PSU	220 to 240 V	55 W
911401719522	RC160V LED40S 840 W30L120 PSU	220 to 240 V	36 W
911401720782	RC160V LED40S 840 W30L120 PSU UVG	110 to 277 V	36 W
911401726852	RC160V LED29S 840 W30L120 PSU UGR16	220 to 240 V	28 W
911401719472	RC160V LED20S 840 W20L120 PSU	220 to 240 V	20 W
911401522822	RC099X G2 LED38/840 W60L60 L1 W	220 to 240 V	35 W
911401523222	RC099X G2 LED36/840 W60L60 L1 W OC	220 to 240 V	35 W

Temperature

Order Code	Full Product Name	Ambient temperature range
911401719482	RC160V LED30S 840 W60L60 PSU	-20 to +45 °C
911401719492	RC160V LED30S 865 W60L60 PSU	-20 to +45 °C
911401719502	RC160V LED40S 840 W60L60 PSU	-20 to +45 °C
911401719552	RC160V LED40S 840 W60L60 CPC	-20 to +45 °C
911401720802	RC160V LED40S 840 W60L60 PSD	-20 to +45 °C
911401720812	RC160V LED40S 865 W60L60 PSD	-20 to +45 °C
911401726842	RC160V LED29S 840 W60L60 PSU UGR16	-20 to +45 °C
911401522922	RC099X G2 LED38/840 W30L120 L1 W	-20 to +40 °C
911401523322	RC099X G2 LED36/840 W30L120 L1 W OC	-20 to +40 °C
911401523522	RC099X G2 LED36/865 W30L120 L1 W OC	-20 to +40 °C

Order Code	Full Product Name	Ambient temperature range
911401726932	SP160P LED20S 840 W20L120 PSU	-20 to +45 °C
911401726942	SP160P LED40S 840 W30L120 PSU	-20 to +45 °C
911401726952	SP160P LED60S 840 W60L120 PSU	-20 to +45 °C
911401719522	RC160V LED40S 840 W30L120 PSU	-20 to +45 °C
911401720782	RC160V LED40S 840 W30L120 PSU UVG	-20 to +45 °C
911401726852	RC160V LED29S 840 W30L120 PSU UGR16	-20 to +45 °C
911401719472	RC160V LED20S 840 W20L120 PSU	-20 to +45 °C
911401522822	RC099X G2 LED38/840 W60L60 L1 W	-20 to +40 °C
911401523222	RC099X G2 LED36/840 W60L60 L1 W OC	-20 to +40 °C

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401719482	RC160V LED30S 840 W60L60 PSU	No
911401719492	RC160V LED30S 865 W60L60 PSU	No
911401719502	RC160V LED40S 840 W60L60 PSU	No
911401719552	RC160V LED40S 840 W60L60 CPC	No
911401720802	RC160V LED40S 840 W60L60 PSD	Yes
911401720812	RC160V LED40S 865 W60L60 PSD	Yes
911401726842	RC160V LED29S 840 W60L60 PSU UGR16	No
911401522922	RC099X G2 LED38/840 W30L120 L1 W	No
911401523322	RC099X G2 LED36/840 W30L120 L1 W OC	No
911401523522	RC099X G2 LED36/865 W30L120 L1 W OC	No

Order Code	Full Product Name	Dimmable
911401726932	SP160P LED20S 840 W20L120 PSU	No
911401726942	SP160P LED40S 840 W30L120 PSU	No
911401726952	SP160P LED60S 840 W60L120 PSU	No
911401719522	RC160V LED40S 840 W30L120 PSU	No
911401720782	RC160V LED40S 840 W30L120 PSU UVG	No
911401726852	RC160V LED29S 840 W30L120 PSU UGR16	No
911401719472	RC160V LED20S 840 W20L120 PSU	No
911401522822	RC099X G2 LED38/840 W60L60 L1 W	No
911401523222	RC099X G2 LED36/840 W60L60 L1 W OC	No

Mechanical and Housing

Order Code	Full Product Name	Housing Color
911401719482	RC160V LED30S 840 W60L60 PSU	White
911401719492	RC160V LED30S 865 W60L60 PSU	White
911401719502	RC160V LED40S 840 W60L60 PSU	White
911401719552	RC160V LED40S 840 W60L60 CPC	White
911401720802	RC160V LED40S 840 W60L60 PSD	White
911401720812	RC160V LED40S 865 W60L60 PSD	White
911401726842	RC160V LED29S 840 W60L60 PSU UGR16	White
911401522922	RC099X G2 LED38/840 W30L120 L1 W	White RAL 9003
911401523322	RC099X G2 LED36/840 W30L120 L1 W OC	White RAL 9003
911401523522	RC099X G2 LED36/865 W30L120 L1 W OC	White RAL 9003

Order Code	Full Product Name	Housing Color
911401726932	SP160P LED20S 840 W20L120 PSU	White
911401726942	SP160P LED40S 840 W30L120 PSU	White
911401726952	SP160P LED60S 840 W60L120 PSU	White
911401719522	RC160V LED40S 840 W30L120 PSU	White
911401720782	RC160V LED40S 840 W30L120 PSU UVG	White
911401726852	RC160V LED29S 840 W30L120 PSU UGR16	White
911401719472	RC160V LED20S 840 W20L120 PSU	White
911401522822	RC099X G2 LED38/840 W60L60 L1 W	White RAL 9003
911401523222	RC099X G2 LED36/840 W60L60 L1 W OC	White RAL 9003

Approval and Application

Order Code	Full Product Name	Mech. impact protection code
911401719482	RC160V LED30S 840 W60L60 PSU	IK03
911401719492	RC160V LED30S 865 W60L60 PSU	IK03
911401719502	RC160V LED40S 840 W60L60 PSU	IK03
911401719552	RC160V LED40S 840 W60L60 CPC	IK03
911401720802	RC160V LED40S 840 W60L60 PSD	IK03
911401720812	RC160V LED40S 865 W60L60 PSD	IK03
911401726842	RC160V LED29S 840 W60L60 PSU UGR16	IK03
911401522922	RC099X G2 LED38/840 W30L120 L1 W	-
911401523322	RC099X G2 LED36/840 W30L120 L1 W OC	-
911401523522	RC099X G2 LED36/865 W30L120 L1 W OC	-

Order Code	Full Product Name	Mech. impact protection code
911401726932	SP160P LED20S 840 W20L120 PSU	IK03
911401726942	SP160P LED40S 840 W30L120 PSU	IK03
911401726952	SP160P LED60S 840 W60L120 PSU	IK03
911401719522	RC160V LED40S 840 W30L120 PSU	IK03
911401720782	RC160V LED40S 840 W30L120 PSU UVG	IK03
911401726852	RC160V LED29S 840 W30L120 PSU UGR16	IK03
911401719472	RC160V LED20S 840 W20L120 PSU	IK03
911401522822	RC099X G2 LED38/840 W60L60 L1 W	-
911401523222	RC099X G2 LED36/840 W60L60 L1 W OC	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Luminous flux tolerance
911401719482	RC160V LED30S 840 W60L60 PSU	(0.43, 0.40) SDCM<4	+/-5%
911401719492	RC160V LED30S 865 W60L60 PSU	(0.43, 0.40) SDCM<4	+/-5%
911401719502	RC160V LED40S 840 W60L60 PSU	(0.43, 0.40) SDCM<4	+/-5%
911401719552	RC160V LED40S 840 W60L60 CPC	(0.43, 0.40) SDCM<4	+/-5%
911401720802	RC160V LED40S 840 W60L60 PSD	(0.43, 0.40) SDCM<4	+/-5%
911401720812	RC160V LED40S 865 W60L60 PSD	(0.43, 0.40) SDCM<4	+/-5%
911401726842	RC160V LED29S 840 W60L60 PSU UGR16	(0.43, 0.40) SDCM<4	+/-5%
911401522922	RC099X G2 LED38/840 W30L120 L1 W	-	+/-10%
911401523322	RC099X G2 LED36/840 W30L120 L1 W OC	-	+/-10%
911401523522	RC099X G2 LED36/865 W30L120 L1 W OC	-	+/-10%

Order Code	Full Product Name	Initial chromaticity	Luminous flux tolerance
911401726932	SP160P LED20S 840 W20L120 PSU	(0.43, 0.40) SDCM<4	+/-5%
911401726942	SP160P LED40S 840 W30L120 PSU	(0.43, 0.40) SDCM<4	+/-5%
911401726952	SP160P LED60S 840 W60L120 PSU	(0.43, 0.40) SDCM<4	+/-5%
911401719522	RC160V LED40S 840 W30L120 PSU	(0.43, 0.40) SDCM<4	+/-5%
911401720782	RC160V LED40S 840 W30L120 PSU UVG	(0.43, 0.40) SDCM<4	+/-5%
911401726852	RC160V LED29S 840 W30L120 PSU UGR16	(0.43, 0.40) SDCM<4	+/-5%
911401719472	RC160V LED20S 840 W20L120 PSU	(0.43, 0.40) SDCM<4	+/-5%
911401522822	RC099X G2 LED38/840 W60L60 L1 W	-	+/-10%
911401523222	RC099X G2 LED36/840 W60L60 L1 W OC	-	+/-10%

Application Conditions

GreenPerform Panel

Order Code	Full Product Name	Maximum dim level
911401719482	RC160V LED30S 840 W60L60 PSU	Not applicable
911401719492	RC160V LED30S 865 W60L60 PSU	Not applicable
911401719502	RC160V LED40S 840 W60L60 PSU	Not applicable
911401719552	RC160V LED40S 840 W60L60 CPC	Not applicable
911401720802	RC160V LED40S 840 W60L60 PSD	Programmable
911401720812	RC160V LED40S 865 W60L60 PSD	Programmable
911401726842	RC160V LED29S 840 W60L60 PSU UGR16	Not applicable
911401522922	RC099X G2 LED38/840 W30L120 L1 W	-
911401523322	RC099X G2 LED36/840 W30L120 L1 W OC	-
911401523522	RC099X G2 LED36/865 W30L120 L1 W OC	-

Order Code	Full Product Name	Maximum dim level
911401726932	SP160P LED20S 840 W20L120 PSU	Not applicable
911401726942	SP160P LED40S 840 W30L120 PSU	Not applicable
911401726952	SP160P LED60S 840 W60L120 PSU	Not applicable
911401719522	RC160V LED40S 840 W30L120 PSU	Not applicable
911401720782	RC160V LED40S 840 W30L120 PSU UVG	Not applicable
911401726852	RC160V LED29S 840 W30L120 PSU UGR16	Not applicable
911401719472	RC160V LED20S 840 W20L120 PSU	Not applicable
911401522822	RC099X G2 LED38/840 W60L60 L1 W	-
911401523222	RC099X G2 LED36/840 W60L60 L1 W OC	-

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