



Slim and reliable

RC160V

GreenPerform Panel RC160V is an edge lit slim panel with high efficacy in the market. It offers 3 typical dimensions: 600x600; 300x1200 and 600x1200mm to fit most of indoor applications. Its lower UGR offers better visual comfort as well. In addition, RC160V offers easy connection to control system to bring better energy saving.

Benefits

- High lm/w provides better energy saving
- Dali and Interact interfaces available for easy internet connection
- Lower UGR offer for WELL building certificate
- Multiple mountings to cater for various applications

Features

- System efficiency: max 130lm/W
- CRI 80 and 90 available with SDCM 4
- UGR19 / 16 available for certain types
- IP54 front/IP20 back available for certain types

Application

- Open plan office
- Public indoor area
- Meeting/training room

Specifications

Ingress protection	IP20IP54 front/IP20 back	Installation	Recessed
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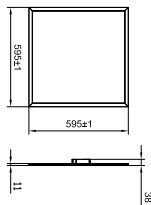
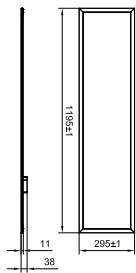
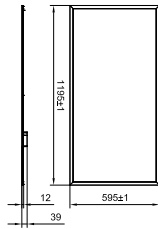
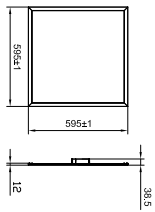
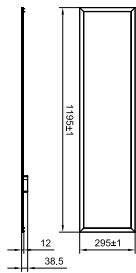
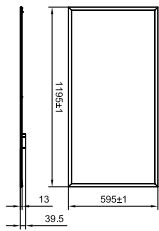
RC160V

Versions

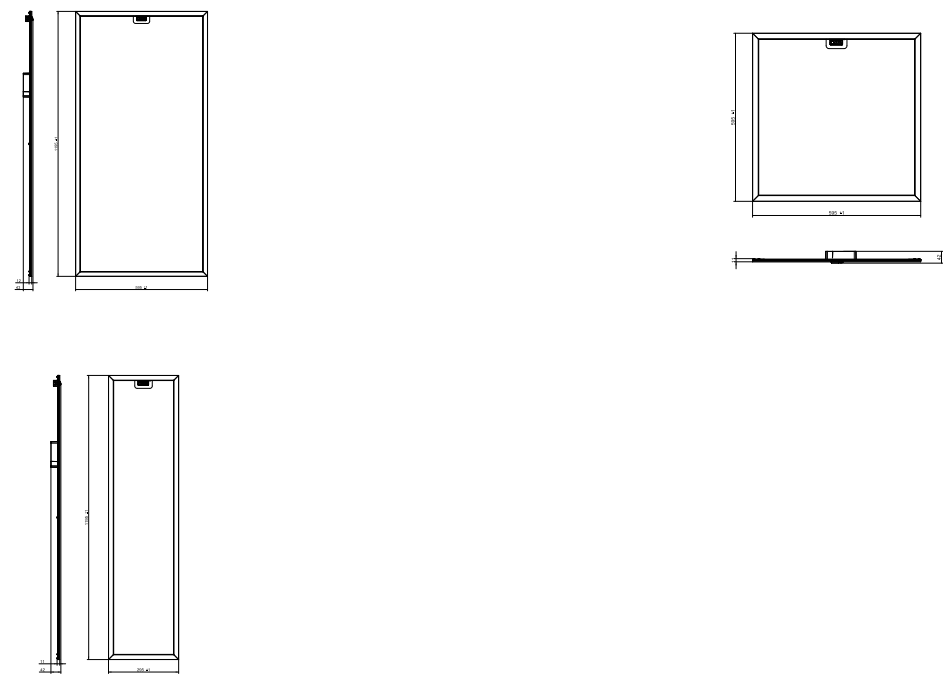


GreenPerform panel

Dimensional drawing



Dimensional drawing



General Information	
Driver included	Yes
Gear	-
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Color rendering index (CRI)	80
Optic type	Beam angle 100°
Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	200 to 240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	Not applicable
Mechanical and Housing	
Housing Color	White RAL 9003
Mech. impact protection code	IK03
Approval and Application	
Ambient temperature range	-20 to +40 °C
CE mark	Yes
ENEC mark	-
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Number of light sources
911401510232	RC160V LED39/840 W30L120 PSU	4000 K	130 lm/W	3,900 lm	288
911401510332	RC160V LED39/865 W30L120 PSU	6500 K	130 lm/W	3,900 lm	288
911401511132	RC160V LED39/840 W30L120 PSU OC	4000 K	130 lm/W	3,900 lm	288
911401511232	RC160V LED39/865 W30L120 PSU OC	6500 K	130 lm/W	3,900 lm	288
911401512032	RC160V LED29/840 W30L120 PSU 16	4000 K	133 lm/W	2,900 lm	288
911401512132	RC160V LED29/865 W30L120 PSU 16	6500 K	133 lm/W	2,900 lm	288
911401512932	RC160V LED39/840 W30L120 PSU 54	4000 K	130 lm/W	3,900 lm	288
911401513032	RC160V LED39/865 W30L120 PSU 54	6500 K	130 lm/W	3,900 lm	288
911401521032	RC160V LED39/840 W30L120 PSD	4000 K	130 lm/W	3,900 lm	288
911401521132	RC160V LED39/865 W30L120 PSD	6500 K	130 lm/W	3,900 lm	288
911401521932	RC160V LED39/840 W30L120 PSD OC	4000 K	130 lm/W	3,900 lm	288
911401522032	RC160V LED39/865 W30L120 PSD OC	6500 K	130 lm/W	3,900 lm	288
911401522832	RC160V LED29/840 W30L120 PSD 16	4000 K	133 lm/W	2,900 lm	288
911401522932	RC160V LED29/865 W30L120 PSD 16	6500 K	133 lm/W	2,900 lm	288
911401523732	RC160X LED39/840 W30L120 WIA	4000 K	130 lm/W	3,900 lm	288
911401523832	RC160X LED39/865 W30L120 WIA	6500 K	130 lm/W	3,900 lm	288
911401524932	RC160X LED39/840 W30L120 SIA	4000 K	130 lm/W	3,900 lm	288
911401525032	RC160X LED39/865 W30L120 SIA	6500 K	130 lm/W	3,900 lm	288
911401510532	RC160V LED60/840 W60L120 PSU	4000 K	131 lm/W	6,000 lm	384
911401510632	RC160V LED60/865 W60L120 PSU	6500 K	131 lm/W	6,000 lm	384
911401511432	RC160V LED60/840 W60L120 PSU OC	4000 K	131 lm/W	6,000 lm	384
911401511532	RC160V LED60/865 W60L120 PSU OC	6500 K	131 lm/W	6,000 lm	384
911401512332	RC160V LED58/840 W60L120 PSU 16	4000 K	126 lm/W	5,800 lm	384
911401512432	RC160V LED58/865 W60L120 PSU 16	6500 K	126 lm/W	5,800 lm	384

Order Code	Full Product Name	Correlated Color	Luminous Efficacy (rated) (Nom)	Luminous Flux	Number of light sources
		Temperature (Nom)			
911401513232	RC160V LED60/840 W60L120 PSU 54	4000 K	131 lm/W	6,000 lm	384
911401513332	RC160V LED60/865 W60L120 PSU 54	6500 K	131 lm/W	6,000 lm	384
911401521332	RC160V LED60/840 W60L120 PSD	4000 K	131 lm/W	6,000 lm	384
911401521432	RC160V LED60/865 W60L120 PSD	6500 K	131 lm/W	6,000 lm	384
911401522232	RC160V LED60/840 W60L120 PSD OC	4000 K	131 lm/W	6,000 lm	384
911401522332	RC160V LED60/865 W60L120 PSD OC	6500 K	131 lm/W	6,000 lm	384
911401523132	RC160V LED58/840 W60L120 PSD 16	4000 K	126 lm/W	5,800 lm	384
911401523232	RC160V LED58/865 W60L120 PSD 16	6500 K	126 lm/W	5,800 lm	384
911401525232	RC160X LED60/840 W60L120 SIA	4000 K	131 lm/W	6,000 lm	384
911401525332	RC160X LED60/865 W60L120 SIA	6500 K	131 lm/W	6,000 lm	384
911401509932	RC160V LED39/840 W60L60 PSU	4000 K	130 lm/W	3,900 lm	240
911401510032	RC160V LED39/865 W60L60 PSU	6500 K	130 lm/W	3,900 lm	240
911401510832	RC160V LED39/840 W60L60 PSU OC	4000 K	130 lm/W	3,900 lm	240
911401510932	RC160V LED39/865 W60L60 PSU OC	6500 K	130 lm/W	3,900 lm	240
911401511732	RC160V LED29/840 W60L60 PSU 16	4000 K	132 lm/W	2,900 lm	240
911401511832	RC160V LED29/865 W60L60 PSU 16	6500 K	132 lm/W	2,900 lm	240
911401512632	RC160V LED39/840 W60L60 PSU 54	4000 K	130 lm/W	3,900 lm	240
911401512732	RC160V LED39/865 W60L60 PSU 54	6500 K	130 lm/W	3,900 lm	240
911401520732	RC160V LED39/840 W60L60 PSD	4000 K	130 lm/W	3,900 lm	240
911401520832	RC160V LED39/865 W60L60 PSD	6500 K	130 lm/W	3,900 lm	240
911401521632	RC160V LED39/840 W60L60 PSD OC	4000 K	130 lm/W	3,900 lm	240
911401521732	RC160V LED39/865 W60L60 PSD OC	6500 K	130 lm/W	3,900 lm	240
911401522532	RC160V LED29/840 W60L60 PSD 16	4000 K	132 lm/W	2,900 lm	240
911401522632	RC160V LED29/865 W60L60 PSD 16	6500 K	132 lm/W	2,900 lm	240
911401523432	RC160X LED39/840 W60L60 WIA	4000 K	130 lm/W	3,900 lm	240

Order Code	Full Product Name	Correlated Color	Luminous Efficacy (rated) (Nom)	Luminous Flux	Number of light sources
		Temperature (Nom)			
911401523532	RC160X LED39/865 W60L60 WIA	6500 K	130 lm/W	3,900 lm	240
911401524032	RC160X LED39/840 W60L60 WIA OC	4000 K	130 lm/W	3,900 lm	240
911401524132	RC160X LED39/865 W60L60 WIA OC	6500 K	130 lm/W	3,900 lm	240
911401524332	RC160X LED29/840 W60L60 WIA 16	4000 K	132 lm/W	2,900 lm	240
911401524432	RC160X LED29/865 W60L60 WIA 16	6500 K	132 lm/W	2,900 lm	240
911401524632	RC160X LED39/840 W60L60 SIA	4000 K	130 lm/W	3,900 lm	240
911401524732	RC160X LED39/865 W60L60 SIA	6500 K	130 lm/W	3,900 lm	240
911401525432	RC160V LED37/8TW W60L60	2700 K	112 lm/W	3,700 lm	240

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
911401510232	RC160V LED39/840 W30L120 PSU	30 W	911401522332	RC160V LED60/865 W60L120 PSD OC	46 W
911401510332	RC160V LED39/865 W30L120 PSU	30 W	911401523132	RC160V LED58/840 W60L120 PSD 16	46 W
911401511132	RC160V LED39/840 W30L120 PSU OC	30 W	911401523232	RC160V LED58/865 W60L120 PSD 16	46 W
911401511232	RC160V LED39/865 W30L120 PSU OC	30 W	911401525232	RC160X LED60/840 W60L120 SIA	46 W
911401512032	RC160V LED29/840 W30L120 PSU 16	22 W	911401525332	RC160X LED60/865 W60L120 SIA	46 W
911401512132	RC160V LED29/865 W30L120 PSU 16	22 W	911401509932	RC160V LED39/840 W60L60 PSU	30 W
911401512932	RC160V LED39/840 W30L120 PSU 54	30 W	911401510032	RC160V LED39/865 W60L60 PSU	30 W
911401513032	RC160V LED39/865 W30L120 PSU 54	30 W	911401510832	RC160V LED39/840 W60L60 PSU OC	30 W
911401521032	RC160V LED39/840 W30L120 PSD	30 W	911401510932	RC160V LED39/865 W60L60 PSU OC	30 W
911401521132	RC160V LED39/865 W30L120 PSD	30 W	911401511732	RC160V LED29/840 W60L60 PSU 16	22 W
911401521932	RC160V LED39/840 W30L120 PSD OC	30 W	911401511832	RC160V LED29/865 W60L60 PSU 16	22 W
911401522032	RC160V LED39/865 W30L120 PSD OC	30 W	911401512632	RC160V LED39/840 W60L60 PSU 54	30 W
911401522832	RC160V LED29/840 W30L120 PSD 16	22 W	911401512732	RC160V LED39/865 W60L60 PSU 54	30 W
911401522932	RC160V LED29/865 W30L120 PSD 16	22 W	911401520732	RC160V LED39/840 W60L60 PSD	30 W
911401523732	RC160X LED39/840 W30L120 WIA	30 W	911401520832	RC160V LED39/865 W60L60 PSD	30 W
911401523832	RC160X LED39/865 W30L120 WIA	30 W	911401521632	RC160V LED39/840 W60L60 PSD OC	30 W
911401524932	RC160X LED39/840 W30L120 SIA	30 W	911401521732	RC160V LED39/865 W60L60 PSD OC	30 W
911401525032	RC160X LED39/865 W30L120 SIA	30 W	911401522532	RC160V LED29/840 W60L60 PSD 16	22 W
911401510532	RC160V LED60/840 W60L120 PSU	46 W	911401522632	RC160V LED29/865 W60L60 PSD 16	22 W
911401510632	RC160V LED60/865 W60L120 PSU	46 W	911401523432	RC160X LED39/840 W60L60 WIA	30 W
911401511432	RC160V LED60/840 W60L120 PSU OC	46 W	911401523532	RC160X LED39/865 W60L60 WIA	30 W
911401511532	RC160V LED60/865 W60L120 PSU OC	46 W	911401524032	RC160X LED39/840 W60L60 WIA OC	30 W
911401512332	RC160V LED58/840 W60L120 PSU 16	46 W	911401524132	RC160X LED39/865 W60L60 WIA OC	30 W
911401512432	RC160V LED58/865 W60L120 PSU 16	46 W	911401524332	RC160X LED29/840 W60L60 WIA 16	22 W
911401513232	RC160V LED60/840 W60L120 PSU 54	46 W	911401524432	RC160X LED29/865 W60L60 WIA 16	22 W
911401513332	RC160V LED60/865 W60L120 PSU 54	46 W	911401524632	RC160X LED39/840 W60L60 SIA	30 W
911401521332	RC160V LED60/840 W60L120 PSD	46 W	911401524732	RC160X LED39/865 W60L60 SIA	30 W
911401521432	RC160V LED60/865 W60L120 PSD	46 W	911401525432	RC160V LED37/8TW W60L60	30 W
911401522232	RC160V LED60/840 W60L120 PSD OC	46 W			

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
911401510232	RC160V LED39/840 W30L120 PSU	Fixed	0% (digital)
911401510332	RC160V LED39/865 W30L120 PSU	Fixed	0% (digital)
911401511132	RC160V LED39/840 W30L120 PSU OC	Fixed	0% (digital)
911401511232	RC160V LED39/865 W30L120 PSU OC	Fixed	0% (digital)
911401512032	RC160V LED29/840 W30L120 PSU 16	Fixed	0% (digital)
911401512132	RC160V LED29/865 W30L120 PSU 16	Fixed	0% (digital)
911401512932	RC160V LED39/840 W30L120 PSU 54	Fixed	0% (digital)
911401513032	RC160V LED39/865 W30L120 PSU 54	Fixed	0% (digital)
911401521032	RC160V LED39/840 W30L120 PSD	DALI	Programmable
911401521132	RC160V LED39/865 W30L120 PSD	DALI	Programmable
911401521932	RC160V LED39/840 W30L120 PSD OC	DALI	Programmable
911401522032	RC160V LED39/865 W30L120 PSD OC	DALI	Programmable
911401522832	RC160V LED29/840 W30L120 PSD 16	DALI	Programmable
911401522932	RC160V LED29/865 W30L120 PSD 16	DALI	Programmable
911401523732	RC160X LED39/840 W30L120 WIA	Wireless Dim	Programmable
911401523832	RC160X LED39/865 W30L120 WIA	Wireless Dim	Programmable
911401524932	RC160X LED39/840 W30L120 SIA	Auto-Dim	0% (digital)
911401525032	RC160X LED39/865 W30L120 SIA	Auto-Dim	0% (digital)
911401510532	RC160V LED60/840 W60L120 PSU	Fixed	0% (digital)
911401510632	RC160V LED60/865 W60L120 PSU	Fixed	0% (digital)
911401511432	RC160V LED60/840 W60L120 PSU OC	Fixed	0% (digital)
911401511532	RC160V LED60/865 W60L120 PSU OC	Fixed	0% (digital)
911401512332	RC160V LED58/840 W60L120 PSU 16	Fixed	0% (digital)
911401512432	RC160V LED58/865 W60L120 PSU 16	Fixed	0% (digital)
911401513232	RC160V LED60/840 W60L120 PSU 54	Fixed	0% (digital)
911401513332	RC160V LED60/865 W60L120 PSU 54	Fixed	0% (digital)
911401521332	RC160V LED60/840 W60L120 PSD	DALI	Programmable

Order Code	Full Product Name	Dimmable	Maximum dim level
911401521432	RC160V LED60/865 W60L120 PSD	DALI	Programmable
911401522232	RC160V LED60/840 W60L120 PSD OC	DALI	Programmable
911401522332	RC160V LED60/865 W60L120 PSD OC	DALI	Programmable
911401523132	RC160V LED58/840 W60L120 PSD 16	DALI	Programmable
911401523232	RC160V LED58/865 W60L120 PSD 16	DALI	Programmable
911401525232	RC160X LED60/840 W60L120 SIA	Auto-Dim	0% (digital)
911401525332	RC160X LED60/865 W60L120 SIA	Auto-Dim	0% (digital)
911401509932	RC160V LED39/840 W60L60 PSU	Fixed	0% (digital)
911401510032	RC160V LED39/865 W60L60 PSU	Fixed	0% (digital)
911401510832	RC160V LED39/840 W60L60 PSU OC	Fixed	0% (digital)
911401510932	RC160V LED39/865 W60L60 PSU OC	Fixed	0% (digital)
911401511732	RC160V LED29/840 W60L60 PSU 16	Fixed	0% (digital)
911401511832	RC160V LED29/865 W60L60 PSU 16	Fixed	0% (digital)
911401512632	RC160V LED39/840 W60L60 PSU 54	Fixed	0% (digital)
911401512732	RC160V LED39/865 W60L60 PSU 54	Fixed	0% (digital)
911401520732	RC160V LED39/840 W60L60 PSD	DALI	Programmable
911401520832	RC160V LED39/865 W60L60 PSD	DALI	Programmable
911401521632	RC160V LED39/840 W60L60 PSD OC	DALI	Programmable
911401521732	RC160V LED39/865 W60L60 PSD OC	DALI	Programmable
911401522532	RC160V LED29/840 W60L60 PSD 16	DALI	Programmable
911401522632	RC160V LED29/865 W60L60 PSD 16	DALI	Programmable
911401523432	RC160X LED39/840 W60L60 WIA	Wireless Dim	Programmable
911401523532	RC160X LED39/865 W60L60 WIA	Wireless Dim	Programmable
911401524032	RC160X LED39/840 W60L60 WIA OC	Wireless Dim	Programmable
911401524132	RC160X LED39/865 W60L60 WIA OC	Wireless Dim	Programmable
911401524332	RC160X LED29/840 W60L60 WIA 16	Wireless Dim	Programmable
911401524432	RC160X LED29/865 W60L60 WIA 16	Wireless Dim	Programmable
911401524632	RC160X LED39/840 W60L60 SIA	Auto-Dim	0% (digital)
911401524732	RC160X LED39/865 W60L60 SIA	Auto-Dim	0% (digital)
911401525432	RC160V LED37/8TW W60L60	DALI	Programmable

Mechanical and Housing

Order Code	Full Product Name	Optical cover type	Ingress protection code
911401510232	RC160V LED39/840 W30L120 PSU	PS	IP20
911401510332	RC160V LED39/865 W30L120 PSU	PS	IP20
911401511132	RC160V LED39/840 W30L120 PSU OC	PS	IP20
911401511232	RC160V LED39/865 W30L120 PSU OC	PS	IP20
911401512032	RC160V LED29/840 W30L120 PSU 16	Polycarbonate bowl/ cover	IP20
911401512132	RC160V LED29/865 W30L120 PSU 16	Polycarbonate bowl/ cover	IP20
911401512932	RC160V LED39/840 W30L120 PSU 54	PS	IP54/20
911401513032	RC160V LED39/865 W30L120 PSU 54	PS	IP54/20
911401521032	RC160V LED39/840 W30L120 PSD	PS	IP20
911401521132	RC160V LED39/865 W30L120 PSD	PS	IP20
911401521932	RC160V LED39/840 W30L120 PSD OC	PS	IP20
911401522032	RC160V LED39/865 W30L120 PSD OC	PS	IP20
911401522832	RC160V LED29/840 W30L120 PSD 16	Polycarbonate bowl/ cover	IP20
911401522932	RC160V LED29/865 W30L120 PSD 16	Polycarbonate bowl/ cover	IP20
911401523732	RC160X LED39/840 W30L120 WIA	PS	IP20
911401523832	RC160X LED39/865 W30L120 WIA	PS	IP20
911401524932	RC160X LED39/840 W30L120 SIA	PS	IP20
911401525032	RC160X LED39/865 W30L120 SIA	PS	IP20
911401510532	RC160V LED60/840 W60L120 PSU	PS	IP20
911401510632	RC160V LED60/865 W60L120 PSU	PS	IP20
911401511432	RC160V LED60/840 W60L120 PSU OC	PS	IP20
911401511532	RC160V LED60/865 W60L120 PSU OC	PS	IP20
911401512332	RC160V LED58/840 W60L120 PSU 16	Polycarbonate bowl/ cover	IP20
911401512432	RC160V LED58/865 W60L120 PSU 16	Polycarbonate bowl/ cover	IP20
911401513232	RC160V LED60/840 W60L120 PSU 54	PS	IP54/20

Order Code	Full Product Name	Optical cover type	Ingress protection code
911401513332	RC160V LED60/865 W60L120 PSU 54	PS	IP54/20
911401521332	RC160V LED60/840 W60L120 PSD	PS	IP20
911401521432	RC160V LED60/865 W60L120 PSD	PS	IP20
911401522232	RC160V LED60/840 W60L120 PSD OC	PS	IP20
911401522332	RC160V LED60/865 W60L120 PSD OC	PS	IP20
911401523132	RC160V LED58/840 W60L120 PSD 16	Polycarbonate bowl/ cover	IP20
911401523232	RC160V LED58/865 W60L120 PSD 16	Polycarbonate bowl/ cover	IP20
911401525232	RC160X LED60/840 W60L120 SIA	PS	IP20
911401525332	RC160X LED60/865 W60L120 SIA	PS	IP20
911401509932	RC160V LED39/840 W60L60 PSU	PS	IP20
911401510032	RC160V LED39/865 W60L60 PSU	PS	IP20
911401510832	RC160V LED39/840 W60L60 PSU OC	PS	IP20
911401510932	RC160V LED39/865 W60L60 PSU OC	PS	IP20
911401511732	RC160V LED29/840 W60L60 PSU 16	Polycarbonate bowl/ cover	IP20
911401511832	RC160V LED29/865 W60L60 PSU 16	Polycarbonate bowl/ cover	IP20
911401512632	RC160V LED39/840 W60L60 PSU 54	PS	IP54/20
911401512732	RC160V LED39/865 W60L60 PSU 54	PS	IP54/20
911401520732	RC160V LED39/840 W60L60 PSD	PS	IP20
911401520832	RC160V LED39/865 W60L60 PSD	PS	IP20
911401521632	RC160V LED39/840 W60L60 PSD OC	PS	IP20
911401521732	RC160V LED39/865 W60L60 PSD OC	PS	IP20
911401522532	RC160V LED29/840 W60L60 PSD 16	Polycarbonate bowl/ cover	IP20
911401522632	RC160V LED29/865 W60L60 PSD 16	Polycarbonate bowl/ cover	IP20
911401523432	RC160X LED39/840 W60L60 WIA	PS	IP20
911401523532	RC160X LED39/865 W60L60 WIA	PS	IP20

RC160V

Order Code	Full Product Name	Optical cover type	Ingress protection code
911401524032	RC160X LED39/840 W60L60 WIA OC	PS	IP20
911401524132	RC160X LED39/865 W60L60 WIA OC	PS	IP20
911401524332	RC160X LED29/840 W60L60 WIA 16	Polycarbonate bowl/ cover	IP20
911401524432	RC160X LED29/865 W60L60 WIA 16	Polycarbonate bowl/ cover	IP20

Order Code	Full Product Name	Optical cover type	Ingress protection code
911401524632	RC160X LED39/840 W60L60 SIA	PS	IP20
911401524732	RC160X LED39/865 W60L60 SIA	PS	IP20
911401525432	RC160V LED37/8TW W60L60	PS	IP20

