



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

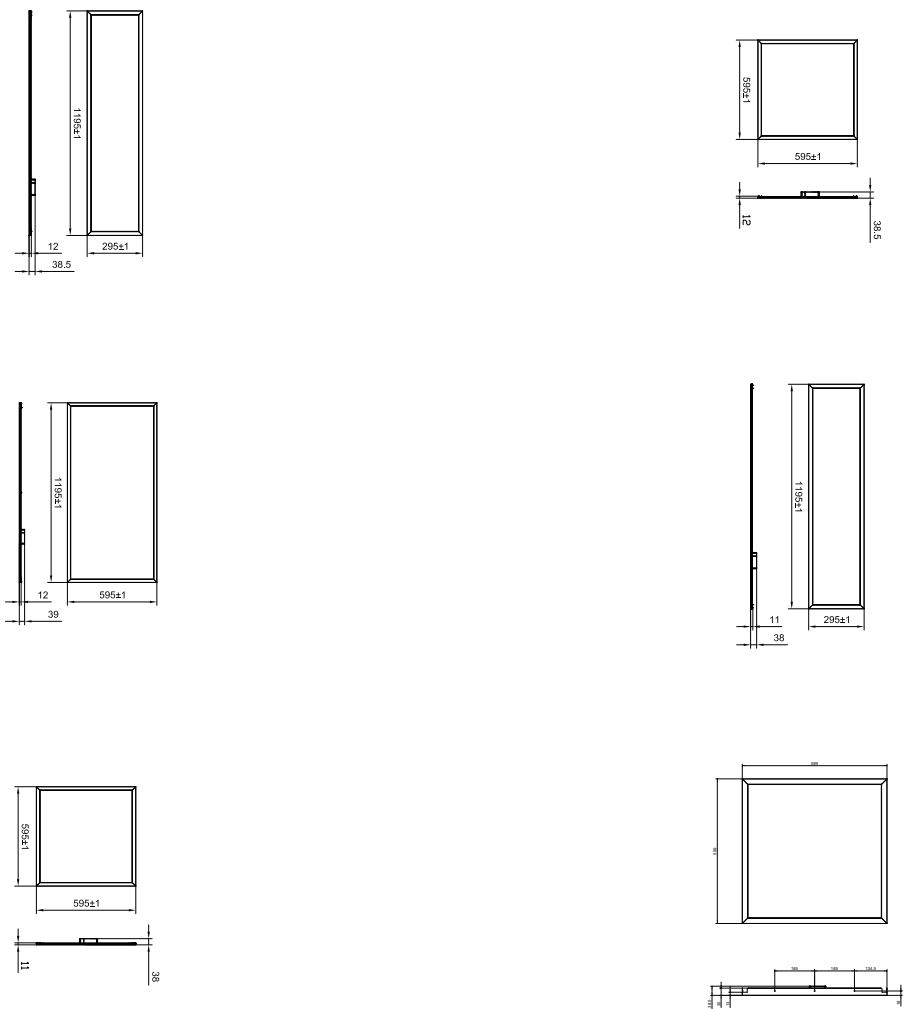
Application

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

Specifications

Ingress protection	IP20IP54 front/IP20 back	Installation	Recessed
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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	
Optical cover type	PS
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	Luminous Efficacy		Number of light sources
		Temperature (Nom)	(rated) (Nom)	Luminous Flux	
54971599	RC160V LED37/830 W30L120 PSU	3000 K	122 lm/W	3,700 lm	288
54980799	RC160V LED39/840 W30L120 PSU	4000 K	130 lm/W	3,900 lm	288
54961699	RC160V LED39/865 W30L120 PSU	6500 K	130 lm/W	3,900 lm	288
911401511032	RC160V LED37/830 W30L120 PSU OC	3000 K	122 lm/W	3,700 lm	288
98287399	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
54981499	RC160V LED37/830 W30L120 PSU 44	3000 K	122 lm/W	3,700 lm	288
54962399	RC160V LED39/840 W30L120 PSU 44	4000 K	130 lm/W	3,900 lm	288
54984599	RC160V LED39/865 W30L120 PSU 44	6500 K	130 lm/W	3,900 lm	288
911401513732	RC160V LED37/830 W30L120 PSU OC 54	3000 K	122 lm/W	3,700 lm	288
911401513832	RC160V LED39/840 W30L120 PSU OC 54	4000 K	130 lm/W	3,900 lm	288
911401513932	RC160V LED39/865 W30L120 PSU OC 54	6500 K	130 lm/W	3,900 lm	288
54969299	RC160V LED37/830 W30L120 PSD	3000 K	122 lm/W	3,700 lm	288
54990699	RC160V LED39/840 W30L120 PSD	4000 K	130 lm/W	3,900 lm	288
54986999	RC160V LED39/865 W30L120 PSD	6500 K	130 lm/W	3,900 lm	288
911401521832	RC160V LED37/830 W30L120 PSD OC	3000 K	122 lm/W	3,700 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
54991399	RC160X LED37/830 W30L120 WIA	3000 K	122 lm/W	3,700 lm	288
54987699	RC160X LED39/840 W30L120 WIA	4000 K	130 lm/W	3,900 lm	288
54968599	RC160X LED39/865 W30L120 WIA	6500 K	130 lm/W	3,900 lm	288
54959399	RC160V LED57/830 W60L120 PSU	3000 K	123 lm/W	5,700 lm	384
54977799	RC160V LED60/840 W60L120 PSU	4000 K	131 lm/W	6,000 lm	384
54989099	RC160V LED60/865 W60L120 PSU	6500 K	131 lm/W	6,000 lm	384

Order Code	Full Product Name	Correlated Color	Luminous Efficacy (rated) (Nom)	Luminous Flux	Number of light sources
		Temperature (Nom)			
54965499	RC160V LED57/830 W60L120 PSU 44	3000 K	123 lm/W	5,700 lm	384
54973999	RC160V LED60/840 W60L120 PSU 44	4000 K	131 lm/W	6,000 lm	384
54982199	RC160V LED60/865 W60L120 PSU 44	6500 K	131 lm/W	6,000 lm	384
54967899	RC160V LED57/830 W60L120 PSD	3000 K	123 lm/W	5,700 lm	384
54975399	RC160V LED60/840 W60L120 PSD	4000 K	131 lm/W	6,000 lm	384
54970899	RC160V LED60/865 W60L120 PSD	6500 K	131 lm/W	6,000 lm	384
54976099	RC160V LED37/830 W60L60 PSU	3000 K	122 lm/W	3,700 lm	240
54988399	RC160V LED39/840 W60L60 PSU	4000 K	130 lm/W	3,900 lm	240
54963099	RC160V LED39/865 W60L60 PSU	6500 K	130 lm/W	3,900 lm	240
911401510732	RC160V LED37/830 W60L60 PSU OC	3000 K	122 lm/W	3,700 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
54983899	RC160V LED37/830 W60L60 PSU 44	3000 K	122 lm/W	3,700 lm	240
54964799	RC160V LED39/840 W60L60 PSU 44	4000 K	130 lm/W	3,900 lm	240
54972299	RC160V LED39/865 W60L60 PSU 44	6500 K	130 lm/W	3,900 lm	240
911401513432	RC160V LED37/830 W60L60 PSU OC 54	3000 K	122 lm/W	3,700 lm	240
74920799	RC160V LED39/840 W60L60 PSU OC 44	4000 K	130 lm/W	3,900 lm	240
911401513632	RC160V LED39/865 W60L60 PSU OC 54	6500 K	130 lm/W	3,900 lm	240
911401518932	RC160V LED39/840 W60L60 PSU OC 54 CPC	4000 K	130 lm/W	3,900 lm	240
54985299	RC160V LED37/830 W60L60 PSD	3000 K	122 lm/W	3,700 lm	240
54966199	RC160V LED39/840 W60L60 PSD	4000 K	130 lm/W	3,900 lm	240
54974699	RC160V LED39/865 W60L60 PSD	6500 K	130 lm/W	3,900 lm	240
911401521532	RC160V LED37/830 W60L60 PSD OC	3000 K	122 lm/W	3,700 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

Order Code	Full Product Name	Correlated Color	Luminous Efficacy		Number of light sources
		Temperature (Nom)	(rated) (Nom)	Luminous Flux	
54979199	RC160X LED37/830 W60L60 WIA	3000 K	122 lm/W	3,700 lm	240
54960999	RC160X LED39/840 W60L60 WIA	4000 K	130 lm/W	3,900 lm	240
54978499	RC160X LED39/865 W60L60 WIA	6500 K	130 lm/W	3,900 lm	240
911401523932	RC160X LED37/830 W60L60 WIA OC	3000 K	122 lm/W	3,700 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

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
54971599	RC160V LED37/830 W30L120 PSU	30 W	54975399	RC160V LED60/840 W60L120 PSD	46 W
54980799	RC160V LED39/840 W30L120 PSU	30 W	54970899	RC160V LED60/865 W60L120 PSD	46 W
54961699	RC160V LED39/865 W30L120 PSU	30 W	54976099	RC160V LED37/830 W60L60 PSU	30 W
911401511032	RC160V LED37/830 W30L120 PSU OC	30 W	54988399	RC160V LED39/840 W60L60 PSU	30 W
98287399	RC160V LED39/840 W30L120 PSU OC	30 W	54963099	RC160V LED39/865 W60L60 PSU	30 W
911401511232	RC160V LED39/865 W30L120 PSU OC	30 W	911401510732	RC160V LED37/830 W60L60 PSU OC	30 W
54981499	RC160V LED37/830 W30L120 PSU 44	30 W	911401510832	RC160V LED39/840 W60L60 PSU OC	30 W
54962399	RC160V LED39/840 W30L120 PSU 44	30 W	911401510932	RC160V LED39/865 W60L60 PSU OC	30 W
54984599	RC160V LED39/865 W30L120 PSU 44	30 W	54983899	RC160V LED37/830 W60L60 PSU 44	30 W
911401513732	RC160V LED37/830 W30L120 PSU OC 54	30 W	54964799	RC160V LED39/840 W60L60 PSU 44	30 W
911401513832	RC160V LED39/840 W30L120 PSU OC 54	30 W	54972299	RC160V LED39/865 W60L60 PSU 44	30 W
911401513932	RC160V LED39/865 W30L120 PSU OC 54	30 W	911401513432	RC160V LED37/830 W60L60 PSU OC 54	30 W
54969299	RC160V LED37/830 W30L120 PSD	30 W	74920799	RC160V LED39/840 W60L60 PSU OC 44	30 W
54990699	RC160V LED39/840 W30L120 PSD	30 W	911401513632	RC160V LED39/865 W60L60 PSU OC 54	30 W
54986999	RC160V LED39/865 W30L120 PSD	30 W	911401518932	RC160V LED39/840 W60L60 PSU OC 54 CPC	30 W
911401521832	RC160V LED37/830 W30L120 PSD OC	30 W	54985299	RC160V LED37/830 W60L60 PSD	30 W
911401521932	RC160V LED39/840 W30L120 PSD OC	30 W	54966199	RC160V LED39/840 W60L60 PSD	30 W
911401522032	RC160V LED39/865 W30L120 PSD OC	30 W	54974699	RC160V LED39/865 W60L60 PSD	30 W
54991399	RC160X LED37/830 W30L120 WIA	30 W	911401521532	RC160V LED37/830 W60L60 PSD OC	30 W
54987699	RC160X LED39/840 W30L120 WIA	30 W	911401521632	RC160V LED39/840 W60L60 PSD OC	30 W
54968599	RC160X LED39/865 W30L120 WIA	30 W	911401521732	RC160V LED39/865 W60L60 PSD OC	30 W
54959399	RC160V LED57/830 W60L120 PSU	46 W	54979199	RC160X LED37/830 W60L60 WIA	30 W
54977799	RC160V LED60/840 W60L120 PSU	46 W	54960999	RC160X LED39/840 W60L60 WIA	30 W
54989099	RC160V LED60/865 W60L120 PSU	46 W	54978499	RC160X LED39/865 W60L60 WIA	30 W
54965499	RC160V LED57/830 W60L120 PSU 44	46 W	911401523932	RC160X LED37/830 W60L60 WIA OC	30 W
54973999	RC160V LED60/840 W60L120 PSU 44	46 W	911401524032	RC160X LED39/840 W60L60 WIA OC	30 W
54982199	RC160V LED60/865 W60L120 PSU 44	46 W	911401524132	RC160X LED39/865 W60L60 WIA OC	30 W
54967899	RC160V LED57/830 W60L120 PSD	46 W			

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level	Order Code	Full Product Name	Dimmable	Maximum dim level
54971599	RC160V LED37/830 W30L120 PSU	Fixed	0% (digital)	54980799	RC160V LED39/840 W30L120 PSU	Fixed	0% (digital)

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Order Code	Full Product Name	Dimmable	Maximum dim level
54961699	RC160V LED39/865 W30L120 PSU	Fixed	0% (digital)
911401511032	RC160V LED37/830 W30L120 PSU OC	Fixed	0% (digital)
98287399	RC160V LED39/840 W30L120 PSU OC	Fixed	0% (digital)
911401511232	RC160V LED39/865 W30L120 PSU OC	Fixed	0% (digital)
54981499	RC160V LED37/830 W30L120 PSU 44	Fixed	0% (digital)
54962399	RC160V LED39/840 W30L120 PSU 44	Fixed	0% (digital)
54984599	RC160V LED39/865 W30L120 PSU 44	Fixed	0% (digital)
911401513732	RC160V LED37/830 W30L120 PSU OC 54	Fixed	0% (digital)
911401513832	RC160V LED39/840 W30L120 PSU OC 54	Fixed	0% (digital)
911401513932	RC160V LED39/865 W30L120 PSU OC 54	Fixed	0% (digital)
54969299	RC160V LED37/830 W30L120 PSD	DALI	Programmable
54990699	RC160V LED39/840 W30L120 PSD	DALI	Programmable
54986999	RC160V LED39/865 W30L120 PSD	DALI	Programmable
911401521832	RC160V LED37/830 W30L120 PSD OC	DALI	Programmable
911401521932	RC160V LED39/840 W30L120 PSD OC	DALI	Programmable
911401522032	RC160V LED39/865 W30L120 PSD OC	DALI	Programmable
54991399	RC160X LED37/830 W30L120 WIA	Wireless Dim	Programmable
54987699	RC160X LED39/840 W30L120 WIA	Wireless Dim	Programmable
54968599	RC160X LED39/865 W30L120 WIA	Wireless Dim	Programmable
54959399	RC160V LED57/830 W60L120 PSU	Fixed	0% (digital)
54977799	RC160V LED60/840 W60L120 PSU	Fixed	0% (digital)
54989099	RC160V LED60/865 W60L120 PSU	Fixed	0% (digital)
54965499	RC160V LED57/830 W60L120 PSU 44	Fixed	0% (digital)
54973999	RC160V LED60/840 W60L120 PSU 44	Fixed	0% (digital)
54982199	RC160V LED60/865 W60L120 PSU 44	Fixed	0% (digital)
54967899	RC160V LED57/830 W60L120 PSD	DALI	Programmable

Mechanical and Housing

Order Code	Full Product Name	Ingress protection code
54971599	RC160V LED37/830 W30L120 PSU	IP20
54980799	RC160V LED39/840 W30L120 PSU	IP20
54961699	RC160V LED39/865 W30L120 PSU	IP20
911401511032	RC160V LED37/830 W30L120 PSU OC	IP20
98287399	RC160V LED39/840 W30L120 PSU OC	IP20
911401511232	RC160V LED39/865 W30L120 PSU OC	IP20
54981499	RC160V LED37/830 W30L120 PSU 44	IP54/20

Order Code	Full Product Name	Dimmable	Maximum dim level
54975399	RC160V LED60/840 W60L120 PSD	DALI	Programmable
54970899	RC160V LED60/865 W60L120 PSD	DALI	Programmable
54976099	RC160V LED37/830 W60L60 PSU	Fixed	0% (digital)
54988399	RC160V LED39/840 W60L60 PSU	Fixed	0% (digital)
54963099	RC160V LED39/865 W60L60 PSU	Fixed	0% (digital)
911401510732	RC160V LED37/830 W60L60 PSU OC	Fixed	0% (digital)
911401510832	RC160V LED39/840 W60L60 PSU OC	Fixed	0% (digital)
911401510932	RC160V LED39/865 W60L60 PSU OC	Fixed	0% (digital)
54983899	RC160V LED37/830 W60L60 PSU 44	Fixed	0% (digital)
54964799	RC160V LED39/840 W60L60 PSU 44	Fixed	0% (digital)
54972299	RC160V LED39/865 W60L60 PSU 44	Fixed	0% (digital)
911401513432	RC160V LED37/830 W60L60 PSU OC 54	Fixed	0% (digital)
74920799	RC160V LED39/840 W60L60 PSU OC 44	Fixed	0% (digital)
911401513632	RC160V LED39/865 W60L60 PSU OC 54	Fixed	0% (digital)
911401518932	RC160V LED39/840 W60L60 PSU OC 54 CPC	Fixed	0% (digital)
54985299	RC160V LED37/830 W60L60 PSD	DALI	Programmable
54966199	RC160V LED39/840 W60L60 PSD	DALI	Programmable
54974699	RC160V LED39/865 W60L60 PSD	DALI	Programmable
911401521532	RC160V LED37/830 W60L60 PSD OC	DALI	Programmable
911401521632	RC160V LED39/840 W60L60 PSD OC	DALI	Programmable
911401521732	RC160V LED39/865 W60L60 PSD OC	DALI	Programmable
54979199	RC160X LED37/830 W60L60 WIA	Wireless Dim	Programmable
54960999	RC160X LED39/840 W60L60 WIA	Wireless Dim	Programmable
54978499	RC160X LED39/865 W60L60 WIA	Wireless Dim	Programmable
911401523932	RC160X LED37/830 W60L60 WIA OC	Wireless Dim	Programmable
911401524032	RC160X LED39/840 W60L60 WIA OC	Wireless Dim	Programmable
911401524132	RC160X LED39/865 W60L60 WIA OC	Wireless Dim	Programmable

Order Code	Full Product Name	Ingress protection code
54962399	RC160V LED39/840 W30L120 PSU 44	IP54/20
54984599	RC160V LED39/865 W30L120 PSU 44	IP54/20
911401513732	RC160V LED37/830 W30L120 PSU OC 54	IP54/20
911401513832	RC160V LED39/840 W30L120 PSU OC 54	IP54/20
911401513932	RC160V LED39/865 W30L120 PSU OC 54	IP54/20
54969299	RC160V LED37/830 W30L120 PSD	IP20
54990699	RC160V LED39/840 W30L120 PSD	IP20

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Order Code	Full Product Name	Ingress protection code
54986999	RC160V LED39/865 W30L120 PSD	IP20
911401521832	RC160V LED37/830 W30L120 PSD OC	IP20
911401521932	RC160V LED39/840 W30L120 PSD OC	IP20
911401522032	RC160V LED39/865 W30L120 PSD OC	IP20
54991399	RC160X LED37/830 W30L120 WIA	IP20
54987699	RC160X LED39/840 W30L120 WIA	IP20
54968599	RC160X LED39/865 W30L120 WIA	IP20
54959399	RC160V LED57/830 W60L120 PSU	IP20
54977799	RC160V LED60/840 W60L120 PSU	IP20
54989099	RC160V LED60/865 W60L120 PSU	IP20
54965499	RC160V LED57/830 W60L120 PSU 44	IP54/20
54973999	RC160V LED60/840 W60L120 PSU 44	IP54/20
54982199	RC160V LED60/865 W60L120 PSU 44	IP54/20
54967899	RC160V LED57/830 W60L120 PSD	IP20
54975399	RC160V LED60/840 W60L120 PSD	IP20
54970899	RC160V LED60/865 W60L120 PSD	IP20
54976099	RC160V LED37/830 W60L60 PSU	IP20
54988399	RC160V LED39/840 W60L60 PSU	IP20
54963099	RC160V LED39/865 W60L60 PSU	IP20
911401510732	RC160V LED37/830 W60L60 PSU OC	IP20
911401510832	RC160V LED39/840 W60L60 PSU OC	IP20

Order Code	Full Product Name	Ingress protection code
911401510932	RC160V LED39/865 W60L60 PSU OC	IP20
54983899	RC160V LED37/830 W60L60 PSU 44	IP54/20
54964799	RC160V LED39/840 W60L60 PSU 44	IP54/20
54972299	RC160V LED39/865 W60L60 PSU 44	IP54/20
911401513432	RC160V LED37/830 W60L60 PSU OC 54	IP54/20
74920799	RC160V LED39/840 W60L60 PSU OC 44	IP54/20
911401513632	RC160V LED39/865 W60L60 PSU OC 54	IP54/20
911401518932	RC160V LED39/840 W60L60 PSU OC 54 CPC	IP54/20
54985299	RC160V LED37/830 W60L60 PSD	IP20
54966199	RC160V LED39/840 W60L60 PSD	IP20
54974699	RC160V LED39/865 W60L60 PSD	IP20
911401521532	RC160V LED37/830 W60L60 PSD OC	IP20
911401521632	RC160V LED39/840 W60L60 PSD OC	IP20
911401521732	RC160V LED39/865 W60L60 PSD OC	IP20
54979199	RC160X LED37/830 W60L60 WIA	IP20
54960999	RC160X LED39/840 W60L60 WIA	IP20
54978499	RC160X LED39/865 W60L60 WIA	IP20
911401523932	RC160X LED37/830 W60L60 WIA OC	IP20
911401524032	RC160X LED39/840 W60L60 WIA OC	IP20
911401524132	RC160X LED39/865 W60L60 WIA OC	IP20

