



# 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
- $\cdot$  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

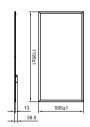


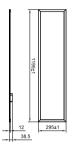


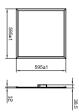
GreenPerform panel

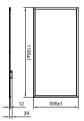
GreenPerform panel

# Dimensional drawing











# **RC160V**

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 -	C		
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	General Information		
Number of gear units  Service tag  Yes  Light Technical  Color rendering index (CRI)  Optic type  Beam angle 100°  Operating and Electrical  Protection class IEC  Input Voltage  Line Frequency  So to 60 Hz  Suitable for random switching  Mechanical and Housing  Optical cover type  Housing Color  Mech. impact protection code  Mech. impact protection code  Approval and Application  Ambient temperature range  CE mark  Flammability mark  Glow-wire test  Temperature 650  °C, duration 30 s		Yes	
Service tag  Yes  Light Technical  Color rendering index (CRI)  Optic type  Beam angle 100°  Operating and Electrical  Protection class IEC  Input Voltage  Line Frequency  So to 60 Hz  Suitable for random switching  Not applicable  Mechanical and Housing  Optical cover type  Housing Color  Mech. impact protection code  Mech. impact protection code  Approval and Application  Ambient temperature range  CE mark  Flammability mark  Glow-wire test  Temperature 650  °C, duration 30 s		-	
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			
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	Service tag	Yes	
Optic type  Departing and Electrical Protection class IEC Safety class II Input Voltage Line Frequency Suitable for random switching  Mechanical and Housing Optical cover type Housing Color White RAL 9003 Mech. impact protection code  Approval and Application Ambient temperature range CE mark Flammability mark Glow-wire test  Pseam angle 100° Safety class II Safety class II Safety class II Not applicable  Not applicable  PS Housing Color White RAL 9003 IK03  -20 to +40 °C -	Light Technical		
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	Color rendering index (CRI)	80	
Protection class IEC Input Voltage Line Frequency So to 60 Hz Suitable for random switching  Mechanical and Housing Optical cover type Housing Color White RAL 9003 Mech. impact protection code  Approval and Application Ambient temperature range CE mark Flammability mark Glow-wire test  Safety class II 200 to 240 V ENGL HE SAL 90 TO	Optic type	Beam angle 100°	
Protection class IEC Input Voltage 200 to 240 V Line Frequency 50 to 60 Hz Suitable for random switching Not applicable  Mechanical and Housing Optical cover type Housing Color White RAL 9003 Mech. impact protection code IK03  Approval and Application Ambient temperature range CE mark Flammability mark Glow-wire test  Safety class II 200 to 240 V ENC HZ Not applicable  Ves ENEC mark Flammability mark - Glow-wire test  Temperature 650 °C, duration 30 s			
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	Operating and Electrical		
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	Protection class IEC	Safety class II	
Suitable for random switching  Mechanical and Housing  Optical cover type  Housing Color  Mech. impact protection code  Approval and Application  Ambient temperature range  CE mark  ENEC mark  Flammability mark  Glow-wire test  Not applicable  PS  Housing Color  White RAL 9003  IK03  IK03  Approval and Application  -20 to +40 °C  -2 to +40 °C  Temperature 650  °C, duration 30 s	Input Voltage	200 to 240 V	
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	Line Frequency	50 to 60 Hz	
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	Suitable for random switching	Not applicable	
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			
Housing Color  Mech. impact protection code  IKO3  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	Mechanical and Housing		
Mech. impact protection code  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	Optical cover type	PS	
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	Housing Color	White RAL 9003	
Ambient temperature range -20 to +40 °C CE mark Yes ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s	Mech. impact protection code	IK03	
Ambient temperature range -20 to +40 °C CE mark Yes ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s			
CE mark Plammability mark Glow-wire test Yes  -  -  -  -  -  -  -  -  -  -  -  -  -	Approval and Application		
ENEC mark - Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s	Ambient temperature range	-20 to +40 °C	
Flammability mark - Glow-wire test Temperature 650 °C, duration 30 s	CE mark	Yes	
Glow-wire test  Temperature 650 °C, duration 30 s	ENEC mark	-	
°C, duration 30 s	Flammability mark	-	
	Glow-wire test	Temperature 650	
Initial Performance (IEC Compliant)		°C, duration 30 s	
Initial Performance (IEC Compliant)			
	Initial Performance (IEC Compliant)		
Luminous flux tolerance +/-10%	Luminous flux tolerance	+/-10%	

# Light Technical

Ligitt reciti					
		Correlated Color			Number of
		Temperature	Luminous Efficacy		light
Order Code	Full Product Name	(Nom)	(rated) (Nom)	Luminous Flux	sources
911401530332	RC160V LED39/840	4000 K	130 lm/W	3,900 lm	288
	W30L120 PSD OC CAU				
911401510532	RC160V LED60/840	4000 K	131 lm/W	6,000 lm	384
	W60L120 PSU				
911401530632	RC160V LED60/840	4000 K	131 lm/W	6,000 lm	384
	W60L120 PSD OC CAU				
911401509932	RC160V LED39/840	4000 K	130 lm/W	3,900 lm	240
	W60L60 PSU				
911401510032	RC160V LED39/865	6500 K	130 lm/W	3,900 lm	240
	W60L60 PSU				
911401513532	RC160V LED39/840	4000 K	130 lm/W	3,900 lm	240
	W60L60 PSU OC 54				
911401520732	RC160V LED39/840	4000 K	130 lm/W	3,900 lm	240
	W60L60 PSD				

# Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401530332	RC160V LED39/840 W30L120 PSD OC CAU	30 W
911401510532	RC160V LED60/840 W60L120 PSU	46 W
911401530632	RC160V LED60/840 W60L120 PSD OC CAU	46 W
911401509932	RC160V LED39/840 W60L60 PSU	30 W

Order Code	Full Product Name	Power Consumption
911401510032	RC160V LED39/865 W60L60 PSU	30 W
911401513532	RC160V LED39/840 W60L60 PSU OC 54	30 W
911401520732	RC160V LED39/840 W60L60 PSD	30 W

### **Controls and Dimming**

Order Code	Full Product Name	Dimmable	Maximum dim level
911401530332	RC160V LED39/840 W30L120 PSD OC	DALI	Programmable
	CAU		
911401510532	RC160V LED60/840 W60L120 PSU	Fixed	0% (digital)
911401530632	RC160V LED60/840 W60L120 PSD OC	DALI	Programmable
	CAU		

Order Code	Full Product Name	Dimmable	Maximum dim level
911401509932	RC160V LED39/840 W60L60 PSU	Fixed	0% (digital)
911401510032	RC160V LED39/865 W60L60 PSU	Fixed	0% (digital)
911401513532	RC160V LED39/840 W60L60 PSU OC	Fixed	0% (digital)
	54		
911401520732	RC160V LED39/840 W60L60 PSD	DALI	Programmable

# Mechanical and Housing

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# **RC160V**

Order Code	Full Product Name	Ingress protection code
911401530332	RC160V LED39/840 W30L120 PSD OC CAU	IP20
911401510532	RC160V LED60/840 W60L120 PSU	IP20
911401530632	RC160V LED60/840 W60L120 PSD OC CAU	IP20
911401509932	RC160V LED39/840 W60L60 PSU	IP20

Order Code	Full Product Name	Ingress protection code
911401510032	RC160V LED39/865 W60L60 PSU	IP20
911401513532	RC160V LED39/840 W60L60 PSU OC 54	IP54/20
911401520732	RC160V LED39/840 W60L60 PSD	IP20



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