



Ultra efficient and peace of mind

GreenPerform ultra efficient panel RC199B

GreenPerform ultra efficient panel is a direct lit panel with up to 170lm/w system efficacy (PSU driver) in the market. It offers 3 typical dimensions: 600x600; 300x1200 and 600x1200mm to fit most of indoor applications. Interact system option and Dali interface are available for wide option for system connection. Its lower UGR offers better visual comfort as well.

Benefits

- Ultra efficient lm/w provides better energy saving
- Interact and Dali interfaces available for easy system connection
- Lower UGR offer for better visual comfort
- Multiple mountings to cater for various applications

Features

- System efficacy up to 170lm/W (PSU driver / CRI80 / UGR22 version only)
- CRI 80 and 90 available
- Lifetime: 50k hours (L80@25deg)
- UGR19 available for certain types
- IP40 front side/IP20 back side available

Application

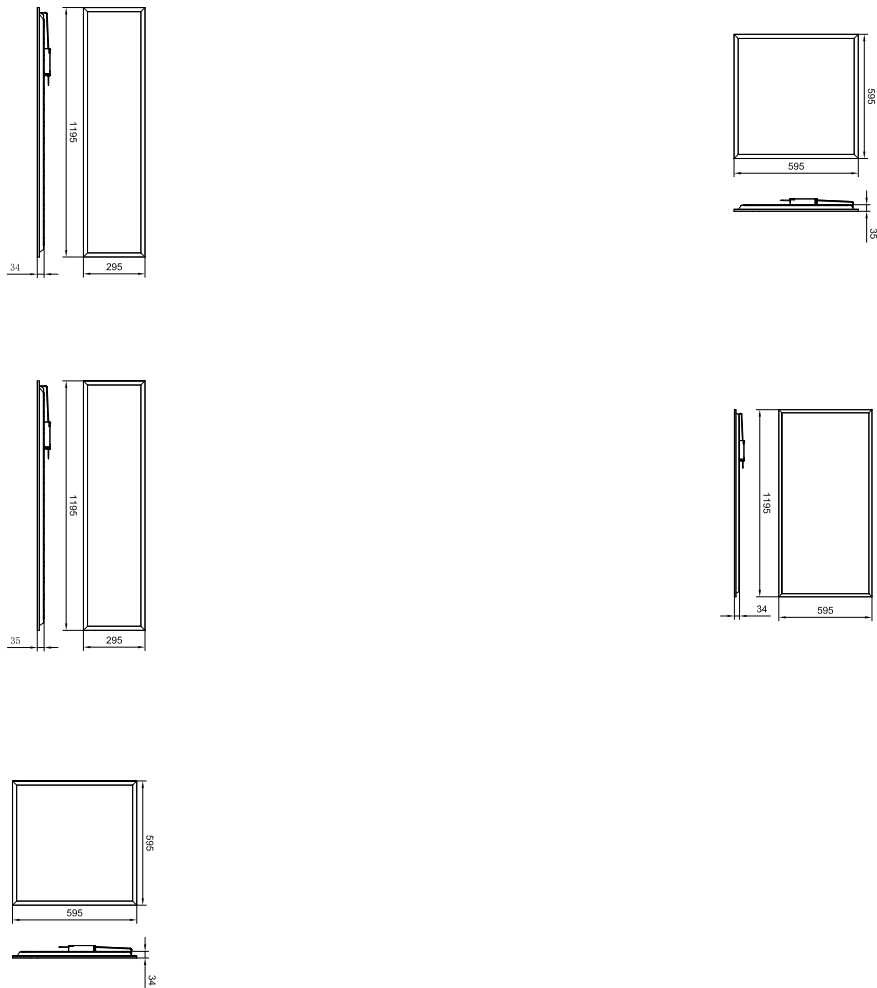
- Open plan office
- Public indoor area
- Meeting/Training room

Specifications

Ceiling type	T-bar ceiling	Dimming	PSD Dali dimmable
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GreenPerform ultra efficient panel RC199B

Dimensional drawing



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General Information	
Driver included	Yes
Gear	-
Number of gear units	1 unit
Light Technical	
Correlated Color Temperature (Nom)	4000 K
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
Controls and Dimming	
Maximum dim level	0% (digital)
Mechanical and Housing	
Optical cover type	PS
Housing Color	White RAL 9003
Mech. impact protection code	IK02
Ingress protection code	IP20/40
Approval and Application	
Ambient temperature range	-20 to +45 °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	Color rendering	Luminous Efficacy	Luminous Flux	Number of light sources
		index (CRI)	(rated) (Nom)		
911401546744	RC199V LED36/840 PSU W60L60 OC UE	80	170 lm/W	3,900 lm	96
911401547044	RC199V LED39/840 PSU W60L60 UE	80	162 lm/W	3,750 lm	96
911401547344	RC199V LED35/840 PSD W60L60 OC UE	80	153 lm/W	3,500 lm	96
911401547644	RC199V LED37/840 PSD W60L60 UE	80	165 lm/W	3,750 lm	96
911401547944	RC199X LED35/840 WIA W60L60 OC UE	80	160 lm/W	3,520 lm	96
911401548244	RC199X LED38/840 WIA W60L60 UE	80	170 lm/W	3,800 lm	96
911401550344	RC199V LED35/940 PSU W60L60 OC UE	90	170 lm/W	3,900 lm	96
911401550644	RC199V LED37/940 PSU W60L60 UE	90	164 lm/W	3,780 lm	96
911401550944	RC199V LED34/940 PSD W60L60 OC UE	90	145 lm/W	3,400 lm	96
911401551244	RC199V LED35/940 PSD W60L60 UE	90	156 lm/W	3,580 lm	96
911401551544	RC199X LED33/940 WIA W60L60 OC UE	90	150 lm/W	3,350 lm	96
911401551844	RC199X LED35/940 WIA W60L60 UE	90	160 lm/W	3,550 lm	96
911401546544	RC199V LED54/840 PSU W60L120 OC UE	90	160 lm/W	5,400 lm	144
911401546844	RC199V LED57/840 PSU W60L120 UE	80	162 lm/W	5,380 lm	144
911401547144	RC199V LED54/840 PSD W60L120 OC UE	80	162 lm/W	5,400 lm	144
911401547444	RC199V LED56/840 PSD W60L120 UE	80	170 lm/W	5,650 lm	144
911401547744	RC199X LED54/840 WIA W60L120 OC UE	80	165 lm/W	5,400 lm	144
911401548044	RC199X LED57/840 WIA W60L120 UE	80	170 lm/W	5,720 lm	144
911401550144	RC199V LED51/940 PSU W60L120 OC UE	90	160 lm/W	3,650 lm	96
911401550444	RC199V LED53/940 PSU W60L120 UE	90	170 lm/W	3,900 lm	96
911401550744	RC199V LED50/940 PSD W60L120 OC UE	90	148 lm/W	5,000 lm	144
911401551044	RC199V LED53/940 PSD W60L120 UE	90	160 lm/W	5,350 lm	144
911401551344	RC199X LED50/940 WIA W60L120 OC UE	90	152 lm/W	5,080 lm	144
911401551644	RC199X LED53/940 WIA W60L120 UE	90	160 lm/W	5,350 lm	144

GreenPerform ultra efficient panel RC199B

Order Code	Full Product Name	Color rendering	Luminous Efficacy	Luminous Flux	Number of light sources
		index (CRI)	(rated) (Nom)		
911401546644	RC199V LED36/840 PSU W30L120 OC UE	80	156 lm/W	3,620 lm	96
911401546944	RC199V LED39/840 PSU W30L120 UE	80	152 lm/W	3,500 lm	96
911401547244	RC199V LED35/840 PSD W30L120 OC UE	80	153 lm/W	3,500 lm	96
911401547544	RC199V LED37/840 PSD W30L120 UE	80	165 lm/W	3,750 lm	96
911401547844	RC199X LED35/840 WIA W30L120 OC UE	80	160 lm/W	3,520 lm	96
911401548144	RC199X LED38/840 WIA W30L120 UE	80	170 lm/W	3,800 lm	96
911401550244	RC199V LED35/940 PSU W30L120 OC UE	90	160 lm/W	3,650 lm	96
911401550544	RC199V LED37/940 PSU W30L120 UE	90	154 lm/W	3,520 lm	96
911401550844	RC199V LED34/940 PSD W30L120 OC UE	90	145 lm/W	3,400 lm	96
911401551144	RC199V LED35/940 PSD W30L120 UE	90	156 lm/W	3,580 lm	96
911401551444	RC199X LED33/940 WIA W30L120 OC UE	90	150 lm/W	3,350 lm	96
911401551744	RC199X LED35/940 WIA W30L120 UE	90	160 lm/W	3,550 lm	96

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
911401546744	RC199V LED36/840 PSU W60L60 OC UE	23 W	911401550144	RC199V LED51/940 PSU W60L120 OC UE	23 W
911401547044	RC199V LED39/840 PSU W60L60 UE	23 W	911401550444	RC199V LED53/940 PSU W60L120 UE	23 W
911401547344	RC199V LED35/840 PSD W60L60 OC UE	23 W	911401550744	RC199V LED50/940 PSD W60L120 OC UE	33.5 W
911401547644	RC199V LED37/840 PSD W60L60 UE	23 W	911401551044	RC199V LED53/940 PSD W60L120 UE	33.5 W
911401547944	RC199X LED35/840 WIA W60L60 OC UE	22 W	911401551344	RC199X LED50/940 WIA W60L120 OC UE	33 W
911401548244	RC199X LED38/840 WIA W60L60 UE	22 W	911401551644	RC199X LED53/940 WIA W60L120 UE	33 W
911401550344	RC199V LED35/940 PSU W60L60 OC UE	23 W	911401546644	RC199V LED36/840 PSU W30L120 OC UE	23 W
911401550644	RC199V LED37/940 PSU W60L60 UE	23 W	911401546944	RC199V LED39/840 PSU W30L120 UE	23 W
911401550944	RC199V LED34/940 PSD W60L60 OC UE	23 W	911401547244	RC199V LED35/840 PSD W30L120 OC UE	23 W
911401551244	RC199V LED35/940 PSD W60L60 UE	23 W	911401547544	RC199V LED37/840 PSD W30L120 UE	23 W
911401551544	RC199X LED33/940 WIA W60L60 OC UE	22 W	911401547844	RC199X LED35/840 WIA W30L120 OC UE	22 W
911401551844	RC199X LED35/940 WIA W60L60 UE	22 W	911401548144	RC199X LED38/840 WIA W30L120 UE	22 W
911401546544	RC199V LED54/840 PSU W60L120 OC UE	33 W	911401550244	RC199V LED35/940 PSU W30L120 OC UE	23 W
911401546844	RC199V LED57/840 PSU W60L120 UE	33 W	911401550544	RC199V LED37/940 PSU W30L120 UE	23 W
911401547144	RC199V LED54/840 PSD W60L120 OC UE	33.5 W	911401550844	RC199V LED34/940 PSD W30L120 OC UE	23 W
911401547444	RC199V LED56/840 PSD W60L120 UE	33.5 W	911401551144	RC199V LED35/940 PSD W30L120 UE	23 W
911401547744	RC199X LED54/840 WIA W60L120 OC UE	33 W	911401551444	RC199X LED33/940 WIA W30L120 OC UE	22 W
911401548044	RC199X LED57/840 WIA W60L120 UE	33 W	911401551744	RC199X LED35/940 WIA W30L120 UE	22 W

Controls and Dimming

GreenPerform ultra efficient panel RC199B

Order Code	Full Product Name	Dimmable
911401546744	RC199V LED36/840 PSU W60L60 OC UE	Fixed
911401547044	RC199V LED39/840 PSU W60L60 UE	Fixed
911401547344	RC199V LED35/840 PSD W60L60 OC UE	DALI
911401547644	RC199V LED37/840 PSD W60L60 UE	DALI
911401547944	RC199X LED35/840 WIA W60L60 OC UE	Wireless Dim
911401548244	RC199X LED38/840 WIA W60L60 UE	Wireless Dim
911401550344	RC199V LED35/940 PSU W60L60 OC UE	Fixed
911401550644	RC199V LED37/940 PSU W60L60 UE	Fixed
911401550944	RC199V LED34/940 PSD W60L60 OC UE	DALI
911401551244	RC199V LED35/940 PSD W60L60 UE	DALI
911401551544	RC199X LED33/940 WIA W60L60 OC UE	Wireless Dim
911401551844	RC199X LED35/940 WIA W60L60 UE	Wireless Dim
911401546544	RC199V LED54/840 PSU W60L120 OC UE	DALI
911401546844	RC199V LED57/840 PSU W60L120 UE	Fixed
911401547144	RC199V LED54/840 PSD W60L120 OC UE	DALI
911401547444	RC199V LED56/840 PSD W60L120 UE	DALI
911401547744	RC199X LED54/840 WIA W60L120 OC UE	Wireless Dim
911401548044	RC199X LED57/840 WIA W60L120 UE	Wireless Dim

Order Code	Full Product Name	Dimmable
911401550144	RC199V LED51/940 PSU W60L120 OC UE	Fixed
911401550444	RC199V LED53/940 PSU W60L120 UE	Fixed
911401550744	RC199V LED50/940 PSD W60L120 OC UE	DALI
911401551044	RC199V LED53/940 PSD W60L120 UE	DALI
911401551344	RC199X LED50/940 WIA W60L120 OC UE	Wireless Dim
911401551644	RC199X LED53/940 WIA W60L120 UE	Wireless Dim
911401546644	RC199V LED36/840 PSU W30L120 OC UE	Fixed
911401546944	RC199V LED39/840 PSU W30L120 UE	Fixed
911401547244	RC199V LED35/840 PSD W30L120 OC UE	DALI
911401547544	RC199V LED37/840 PSD W30L120 UE	DALI
911401547844	RC199X LED35/840 WIA W30L120 OC UE	Wireless Dim
911401548144	RC199X LED38/840 WIA W30L120 UE	Wireless Dim
911401550244	RC199V LED35/940 PSU W30L120 OC UE	Fixed
911401550544	RC199V LED37/940 PSU W30L120 UE	Fixed
911401550844	RC199V LED34/940 PSD W30L120 OC UE	DALI
911401551144	RC199V LED35/940 PSD W30L120 UE	DALI
911401551444	RC199X LED33/940 WIA W30L120 OC UE	Wireless Dim
911401551744	RC199X LED35/940 WIA W30L120 UE	Wireless Dim

