# 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
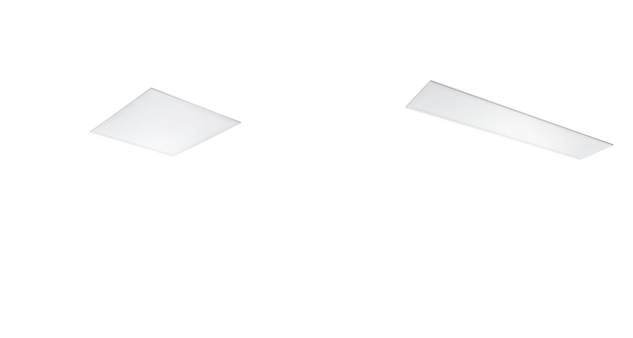· IP40 front side/IP20 back side available

### Application
· Open plan office
· Public indoor area
· Meeting/Training room

## Specifications

| Ceiling type | T-bar ceiling | | Dimming | PSD Dali dimmable |
| --- | --- | --- | --- | --- |

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## Versions

**GreenPerform UE panel**

**GreenPerform UE panel**

## Dimensional drawing

1195

34

295

595

595

34

# GreenPerform ultra efficient panel RC199B

## General Information

| | |
|---|---|
| Driver included | Yes |
| Gear | – |
| Number of gear units | 1 unit |

## Light Technical

| | |
|---|---|
| Correlated Color Temperature (Nom) | 4000 K |
| Color rendering index (CRI) | 80 |
| Number of light sources | 96 |
| 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 |
| Power Consumption | 23 W |
| Suitable for random switching | Not applicable |

## Controls and Dimming

| | |
|---|---|
| Dimmable | Fixed |
| 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 | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|---|---|---|---|
| 911401547044 | RC199V LED39/840 PSU W60L60 UE | 162 lm/W | 3,750 lm |
| 911401546944 | RC199V LED39/840 PSU W30L120 UE | 152 lm/W | 3,500 lm |

www.lighting.philips.com

2025, May 20 – data subject to change