PHILIPS

Lighting

# GreenPerform ultra efficient panel RC199B

## RC199X LED36/840 WIA W30L120 OC CAU UE

GreenPerform ultra efficient panel RC199B, 160 lm/W, 840 neutral white, InterAct Pro

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.

### Product data

| General Information | |
|---|---|
| **Number of gear units** | 1 unit |
| **Gear** | - |
| **Driver included** | Yes |
| **Light source engine type** | LED |
| **Value ladder** | Specification |
| **Warranty period** | 3 years |

| Light Technical | |
|---|---|
| **Luminous Flux** | 3,600 lm |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Luminous Efficacy (rated) (Nom)** | 160 lm/W |
| **Color rendering index (CRI)** | 80 |
| **Number of light sources** | 24 |
| **Light source color** | 840 neutral white |
| **Optic type** | Beam angle 100° |
| **Unified glare rating CEN** | 19 |

| Operating and Electrical | |
|---|---|
| **Input Voltage** | 200 to 240 V |
| **Line Frequency** | 50 to 60 Hz |
| **Inrush current** | 4.9 A |
| **Inrush time** | 56 ms |
| **Power Consumption** | 22 W |
| **Power Factor (Fraction)** | 0.9 |
| **Connection** | - |

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| | |
|---|---|
| **Number of products on MCB of 16 A type B** | 40 |
| **Suitable for random switching** | Not applicable |
| **Protection class IEC** | Safety class II |

## Controls and Dimming

| | |
|---|---|
| **Dimmable** | Wireless Dim |
| **Control interface** | InterAct Pro |
| **Maximum dim level** | 0% (digital) |

## Mechanical and Housing

| | |
|---|---|
| **Housing Material** | Aluminum extruded |
| **Optic material** | Polystyrene |
| **Optical cover material** | Polystyrene |
| **Housing Color** | White RAL 9003 |
| **Mounting device** | - |
| **Optical cover finish** | Diamond |
| **Overall length** | 1,195 mm |
| **Overall width** | 295 mm |
| **Overall height** | 35 mm |
| **Overall diameter** | 1,195 mm |
| **Dimensions (Height x Width x Depth)** | 35 x 295 x 1195 mm |
| **Ingress protection code** | IP20/40 [Finger-protected, Emitting surface] |
| **Mech. impact protection code** | IK02 [0.2 J standard] |
| **Optical cover type** | PS |
| **Net Weight (Piece)** | 1.700 kg |

## Approval and Application

| | |
|---|---|
| **Glow-wire test** | Temperature 650 °C, duration 30 s |
| **Flammability mark** | - |
| **CE mark** | Yes |
| **ENEC mark** | - |
| **Photobiological risk** | Photobiological risk group 0 @200mm to EN62778 |
| **EU RoHS compliant** | Yes |
| **Performance ambient temperature Tq** | 25 °C |
| **Ambient temperature range** | -20 to +45 °C |

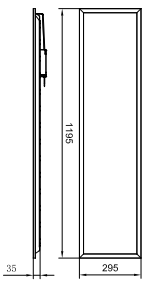
## Initial Performance (IEC Compliant)

| | |
|---|---|
| **Luminous flux tolerance** | +/-10% |
| **Power consumption tolerance** | +/-10% |

## Product Data

| | |
|---|---|
| **Order product name** | RC199X LED36/840 WIA W30L120 OC CAU UE |
| **Full product name** | RC199X LED36/840 WIA W30L120 OC CAU UE |
| **Order code** | 911401549644 |
| **Material Nr. (12NC)** | 911401549644 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 4 |

## Dimensional drawing



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