



Trusted performance. Every day.

Ledinaire panel gen5

The Philips Ledinaire panel Gen5 (RC065B/RC066B) range features a selection of popular off-the-shelf LED luminaires that offer Philips high quality at a competitive price. Reliable, energy-efficient and affordable, this latest generation of 600 x 600 mm, 620 x 620 mm, 300 x 1200 mm and 600 x 1200 Ledinaire LED panel lights are designed for diffuse, comfortable lighting in a wide range of general lighting applications. Our range of Ledinaire panels lighting is also available with accessories for easy installation on different types of ceilings — just what you need.

Benefits

- No risks, trusted performance
- Good quality, easy to use
- No confusion, easy product selection
- Innovative All-in multicolour and basic lighting control versions
- Broad range

Features

- 3400 lm/ 3600 lm / 4100 lm: L80 at 50K hrs, L70 75K hrs and 3-year warranty
- IP20 / IP40
- Connectors: white quick connectors and flywire
- Sizes: 60 x 60 mm / 62 x 62 mm / 30 x 120 mm / 60 x 120 mm
- Colour rendering: CRI 80 at SDCM <5
- 3000K / 3500K / 4000K / 6500K
- PSU / PSD
- Efficacy: 120 Lm/W
- All-in: 3000K, 3500K and 4000K in one luminaire

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Application

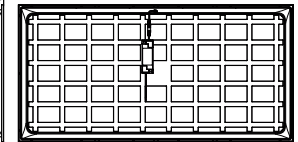
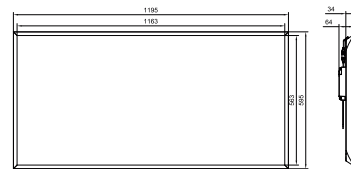
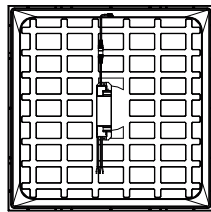
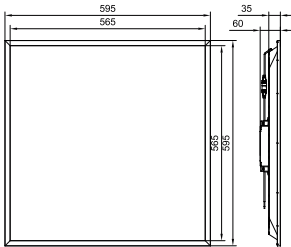
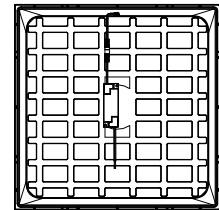
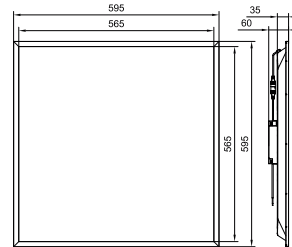
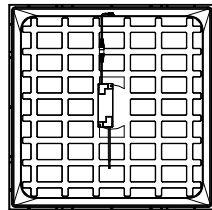
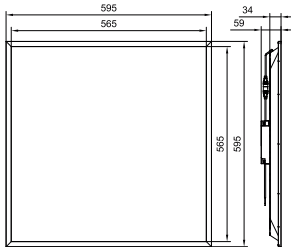
- Offices
- Healthcare
- Education
- Municipal buildings
- Retail

Versions



Ledinaire panel G5 60x120

Dimensional drawing



Ledinaire panel gen5

Product details



Ledinaire Panel G5 Back housing
PSU Flywire (CFW)



Panel flywires CFW + backside
panel



Ledinaire Panel G5 PSD DALI
Driver Open connector



Ledinaire Panel G5 PSD DALI
Driver Closed connector



Ledinaire panel G5 frame and
optical area 60x120



Ledinaire Panel Gen 5-RC065B
W60L120-backside



Panel flywires CFW



Ledinaire Panel RC065B Square
backside



Ledinaire Panel Gen 5-
RC065B_RC066B Square-
backside

Ledinaire panel gen5

Product details



Ledinaire Panel Gen 5-RC065B
W60L120-backside-PSU driver
and Flywire

General Information

Driver included	Yes
Number of gear units	Unit

Light Technical

Colour rendering index (CRI)	>80
Luminous efficacy (rated) (nom.)	120 lm/W

Operating and Electrical

Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	Not applicable

Mechanical and Housing

Housing Colour	White
Mech. impact protection code	IK02
Ingress protection code	IP20/40

Emergency Operation

Central Emergency	No
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Approval and Application

Ambient temperature range	-10 to +35 °C
CE mark	Yes
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Flickering value (PstLM)	1

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
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Light Technical

Order Code	Full Product Name	Beam angle of light source	Correlated Colour Temperature		Luminous Flux	Optic type
			(Nom)			
911401876985	RC065B G5 60S/840 PSU 60x120 NOC TPb CFW	120 degree(s)	4000 K		6,000 lm	Beam angle 120°
911401875185	RC065B G5 34S/840 PSU W60L60 OC CFW	90 degree(s)	4000 K		3,400 lm	Beam angle 90°
911401875385	RC065B G5 34S/865 PSU W60L60 OC CFW	90 degree(s)	6500 K		3,400 lm	Beam angle 90°
911401875485	RC065B G5 34S/840 PSU W60L60 NOC CFW	120 degree(s)	4000 K		3,400 lm	Beam angle 120°
911401875685	RC065B G5 34S/865 PSU W60L60 NOC CFW	120 degree(s)	6500 K		3,400 lm	Beam angle 120°
911401875785	RC065B G5 34S/840 PSD W60L60 OC CFW	90 degree(s)	4000 K		3,400 lm	Beam angle 90°
911401875985	RC065B G5 41S/840 PSU W60L60 NOC CFW	120 degree(s)	4000 K		4,100 lm	Beam angle 120°
911401876085	RC065B G5 41S/840 PSU W60L60 OC CFW	90 degree(s)	4000 K		4,100 lm	Beam angle 90°

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
911401876985	RC065B G5 60S/840 PSU 60x120 NOC TPb CFW	50 W	911401875185	RC065B G5 34S/840 PSU W60L60 OC CFW	28 W

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Order Code	Full Product Name	Power Consumption
911401875385	RC065B G5 34S/865 PSU W60L60 OC CFW	28 W
911401875485	RC065B G5 34S/840 PSU W60L60 NOC CFW	28 W
911401875685	RC065B G5 34S/865 PSU W60L60 NOC CFW	28 W

Order Code	Full Product Name	Power Consumption
911401875785	RC065B G5 34S/840 PSD W60L60 OC CFW	28 W
911401875985	RC065B G5 41S/840 PSU W60L60 NOC CFW	34 W
911401876085	RC065B G5 41S/840 PSU W60L60 OC CFW	34 W

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
911401876985	RC065B G5 60S/840 PSU 60x120 NOC TPb CFW	No	Not applicable
911401875185	RC065B G5 34S/840 PSU W60L60 OC CFW	No	Not applicable
911401875385	RC065B G5 34S/865 PSU W60L60 OC CFW	No	Not applicable
911401875485	RC065B G5 34S/840 PSU W60L60 NOC CFW	No	Not applicable

Order Code	Full Product Name	Dimmable	Maximum dim level
911401875685	RC065B G5 34S/865 PSU W60L60 NOC CFW	No	Not applicable
911401875785	RC065B G5 34S/840 PSD W60L60 OC CFW	Yes	1%
911401875985	RC065B G5 41S/840 PSU W60L60 NOC CFW	No	Not applicable
911401876085	RC065B G5 41S/840 PSU W60L60 OC CFW	No	Not applicable

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401876985	RC065B G5 60S/840 PSU 60x120 NOC TPb CFW	(0.38, 0.38) SDCM ≤5
911401875185	RC065B G5 34S/840 PSU W60L60 OC CFW	(0.38, 0.38) SDCM ≤5
911401875385	RC065B G5 34S/865 PSU W60L60 OC CFW	(0.31, 0.33) SDCM ≤5
911401875485	RC065B G5 34S/840 PSU W60L60 NOC CFW	(0.38, 0.38) SDCM ≤5

Order Code	Full Product Name	Initial chromaticity
911401875685	RC065B G5 34S/865 PSU W60L60 NOC CFW	(0.31, 0.33) SDCM ≤5
911401875785	RC065B G5 34S/840 PSD W60L60 OC CFW	(0.38, 0.38) SDCM ≤5
911401875985	RC065B G5 41S/840 PSU W60L60 NOC CFW	(0.38, 0.38) SDCM ≤5
911401876085	RC065B G5 41S/840 PSU W60L60 OC CFW	(0.38, 0.38) SDCM ≤5

