Philips Ledinaire panel: simply great LED

Ledinaire panel

The Philips Ledinaire panel Gen4 (RC065B) range features a selection of popular off-the-shelf LED luminaires that come with Philips levels of high quality at a competitive price. Reliable, energy-efficient and affordable, this latest generation of 600 x 600 mm Ledinaire LED panel lights are designed for diffuse, comfortable lighting in a wide range of general lighting applications. Our range of Ledinaire panel lighting is also available with accessories for easy installation on different types of ceilings – just what you need

Benefits
· Philips quality and reliability
· Energy saving
· Diffuse, comfortable light
· Suitable for office working places

Features
· Modern, unobtrusive design
· High lumen package from 3,400 lumen to 4,100 lumen in a single luminaire
· Quick connector for easy installation
· Long lifetime of 50,000 hours @L70
· Energy-efficient up to 100 lm/W
· Range of drivers: On/Off (PSU) and dimming (DALI)
· Accessories for plaster, surface-mounted and suspension available

Application
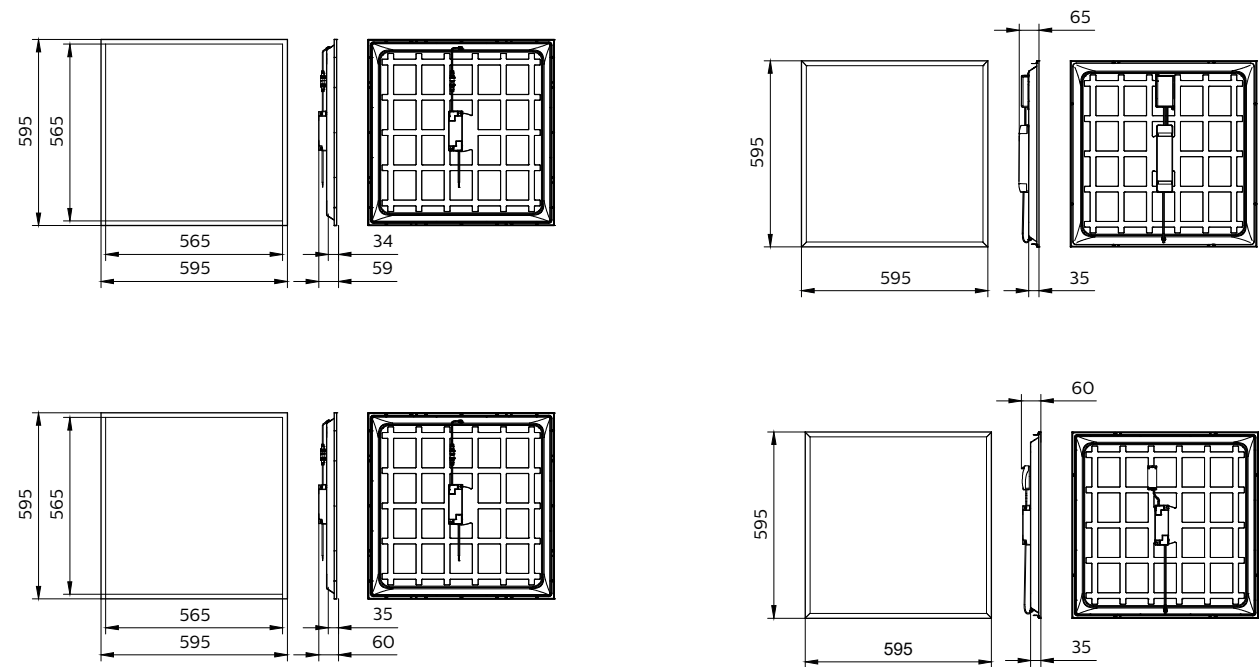· Offices
· Healthcare
· Education

Ledinaire panel

Versions

Ledinaire Panel 4100lm frontside

Ledinaire panel G5 60x60

Dimensional drawing

Product details

Panel flywires CFW + backside panel

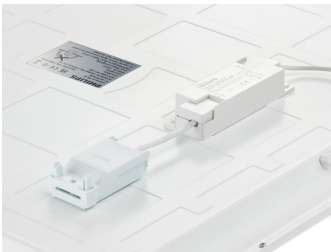**Ledinaire panel gen 4 PSD driver and closed connector**

Ledinaire panel

Product details

Ledinaire panel gen 4 PSU driver and open connector

Panel flywires CFW

Ledinaire Panel Gen 5-RC065B_RC066B Square-backside

Ledinaire panel gen 4 PSD driver and open connector

UGR19 optical exit window

Ledinaire panel gen 4 PSU driver and closed connector

General Information	
Driver included	Yes
ENEC mark	–
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Number of gear units	Unit
Light Technical	
Luminous Flux	3,400 lm
Flickering value (PstLM)	1
Operating and Electrical	
Line Frequency	50 or 60 Hz
Approval and Application	
Protection class IEC	Safety class II
Mech. impact protection code	IK02
Ingress protection code	IP20

General Information

Order Code	Full Product Name	CE mark	Light source replaceable
53064599	RC065B LED34S/840 PSD W60L60 OC	Yes	No
38647499	RC065B LED34S/840 PSU W60L60 OC	Yes	No
36204599	RC065B LED34S/865 PSU W60L60 OC	Yes	No
51651999	RC065B G5 34S/840 PSU W60L60 OC CFW	CE mark	–
51654099	RC065B G5 34S/840 PSU W60L60 NOC CFW	CE mark	–

Light Technical (1/2)

Ledinaire panel

Order Code	Full Product Name	Beam angle of light source	Correlated Colour Temperature	Colour rendering index (CRI)	Luminous efficacy (rated) (nom.)
53064599	RC065B LED34S/840 PSD W60L60 OC	–	4000 K	≥80	100 lm/W
38647499	RC065B LED34S/840 PSU W60L60 OC	–	4000 K	≥80	100 lm/W
36204599	RC065B LED34S/865	–	6500 K	≥80	100 lm/W

Order Code	Full Product Name	Beam angle of light source	Correlated Colour Temperature	Colour rendering index (CRI)	Luminous efficacy (rated) (nom.)
	PSU W60L60 OC				
51651999	RC065B G5 34S/840 PSU W60L60 OC CFW	90 degree(s)	4000 K	80	120 lm/W
51654099	RC065B G5 34S/840 PSU W60L60 NOC CFW	120 degree(s)	4000 K	80	120 lm/W

Light Technical (2/2)

Order Code	Full Product Name	Optic type	Stroboscopic effect
53064599	RC065B LED34S/840 PSD W60L60 OC	Beam angle 90°	0.4
38647499	RC065B LED34S/840 PSU W60L60 OC	Beam angle 90°	0.4
36204599	RC065B LED34S/865 PSU W60L60 OC	Beam angle 90°	0.4

Order Code	Full Product Name	Optic type	Stroboscopic effect
51651999	RC065B G5 34S/840 PSU W60L60 OC CFW	Beam angle 90°	–
51654099	RC065B G5 34S/840 PSU W60L60 NOC CFW	Beam angle 120°	–

Operating and Electrical

Order Code	Full Product Name	Input Voltage	Power Consumption
53064599	RC065B LED34S/840 PSD W60L60 OC	220–240 V	34 W
38647499	RC065B LED34S/840 PSU W60L60 OC	220–240 V	34 W
36204599	RC065B LED34S/865 PSU W60L60 OC	220–240 V	34 W

Order Code	Full Product Name	Input Voltage	Power Consumption
51651999	RC065B G5 34S/840 PSU W60L60 OC CFW	220 to 240 V	28 W
51654099	RC065B G5 34S/840 PSU W60L60 NOC CFW	220 to 240 V	28 W

Temperature

Order Code	Full Product Name	Ambient temperature range
53064599	RC065B LED34S/840 PSD W60L60 OC	–10 to +25 °C
38647499	RC065B LED34S/840 PSU W60L60 OC	–10 to +25 °C
36204599	RC065B LED34S/865 PSU W60L60 OC	–10 to +25 °C

Order Code	Full Product Name	Ambient temperature range
51651999	RC065B G5 34S/840 PSU W60L60 OC CFW	–10 to +35 °C
51654099	RC065B G5 34S/840 PSU W60L60 NOC CFW	–10 to +35 °C

Controls and Dimming

Order Code	Full Product Name	Dimmable
53064599	RC065B LED34S/840 PSD W60L60 OC	Yes
38647499	RC065B LED34S/840 PSU W60L60 OC	No
36204599	RC065B LED34S/865 PSU W60L60 OC	No

Order Code	Full Product Name	Dimmable
51651999	RC065B G5 34S/840 PSU W60L60 OC CFW	No
51654099	RC065B G5 34S/840 PSU W60L60 NOC CFW	No

Mechanical and Housing

Ledinaire panel

Order Code	Full Product Name	Housing Colour
53064599	RC065B LED34S/840 PSD W60L60 OC	White
38647499	RC065B LED34S/840 PSU W60L60 OC	White
36204599	RC065B LED34S/865 PSU W60L60 OC	White

Order Code	Full Product Name	Housing Colour
51651999	RC065B G5 34S/840 PSU W60L60 OC CFW	White RAL 9003
51654099	RC065B G5 34S/840 PSU W60L60 NOC CFW	White RAL 9003

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Luminous flux tolerance
53064599	RC065B LED34S/840 PSD W60L60 OC	(0.38, 0.38) SDCM≤5	+/–10%
38647499	RC065B LED34S/840 PSU W60L60 OC	(0.38, 0.38) SDCM≤5	+/–10%
36204599	RC065B LED34S/865 PSU W60L60 OC	(0.31, 0.33) SDCM≤5	+/–10%

Order Code	Full Product Name	Initial chromaticity	Luminous flux tolerance
51651999	RC065B G5 34S/840 PSU W60L60 OC CFW	(0.38, 0.38) SDCM ≤5	–10% / +10%
51654099	RC065B G5 34S/840 PSU W60L60 NOC CFW	(0.38, 0.38) SDCM ≤5	–10% / +10%

Application Conditions

Order Code	Full Product Name	Maximum dim level	Suitable for random switching
53064599	RC065B LED34S/840 PSD W60L60 OC	10%	Yes
38647499	RC065B LED34S/840 PSU W60L60 OC	–	Not applicable
36204599	RC065B LED34S/865 PSU W60L60 OC	–	Not applicable

Order Code	Full Product Name	Maximum dim level	Suitable for random switching
51651999	RC065B G5 34S/840 PSU W60L60 OC CFW	Not applicable	Not applicable
51654099	RC065B G5 34S/840 PSU W60L60 NOC CFW	Not applicable	Not applicable

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2023, August 2 – data subject to change