

Ledinaire panel gen5

RC065B



Proven quality. Effortless installation. Every time Your dependable and affordable choice for every job

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 multicolor and basic lighting control versions
- Broad range

Applications

- Offices
- Healthcare

- Education
- Municipal buildings
- Retail

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
- Color rendering: CRI 80 at SDCM <5

- 3000K / 3500K / 4000K / 6500K
- PSU / PSD

- Efficacy: 120Lm/W
- All-in: 3000K, 3500K, and 4000K in one luminaire

Versions



Ledinaire Panel PSD All-in
830_835_840 W60L60 OC



Ledinaire panel G5 60x120



Ledinaire panel G5 62x62



Ledinaire Panel PSU All-in
830_835_840 W60L60 OC



Ledinaire Panel All-in PSU
60x60

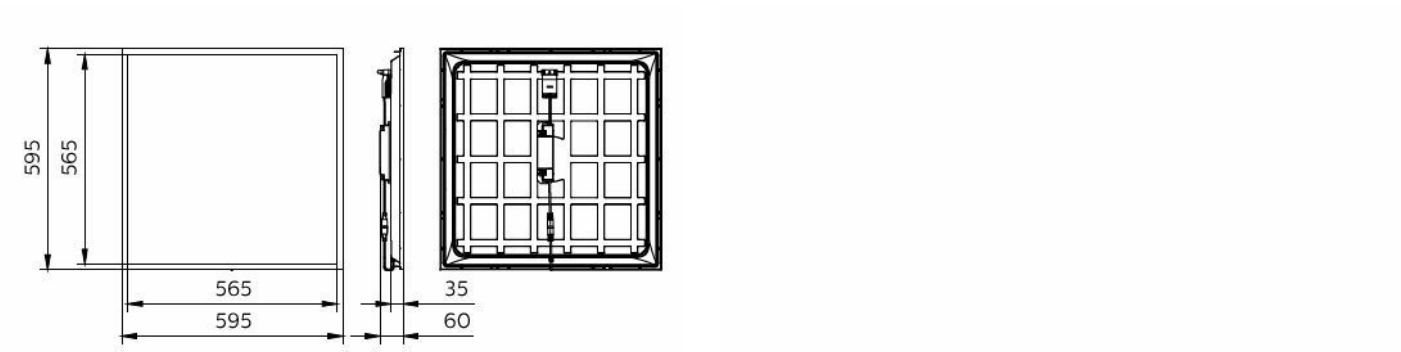


Ledinaire panel G5 60x60



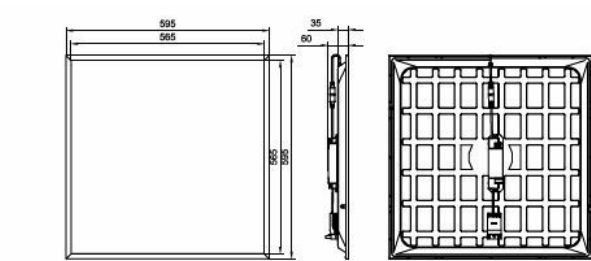
Ledinaire Panel G5 All in
W30L120 RTP

Dimensional drawing



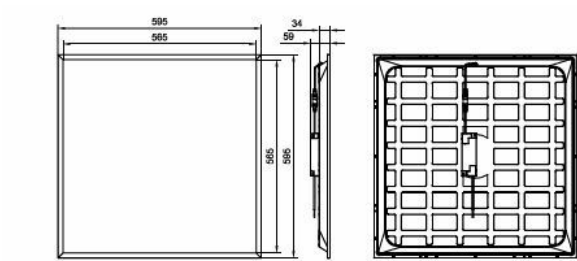
RC065B G5 34_36S/830_40 PSU W60L60 OC SC

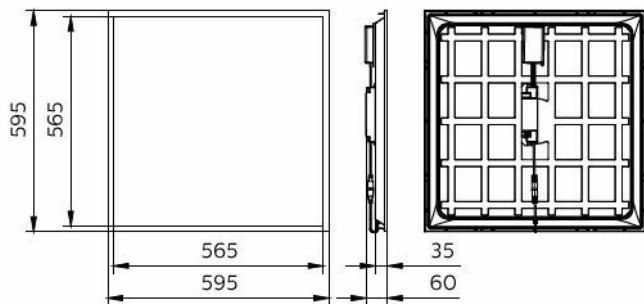
RC065B G5 34S/840 PSU W60L60 NOC SC



RC065B G5 34_36S/830_40 PSU 60x60 NOC SC

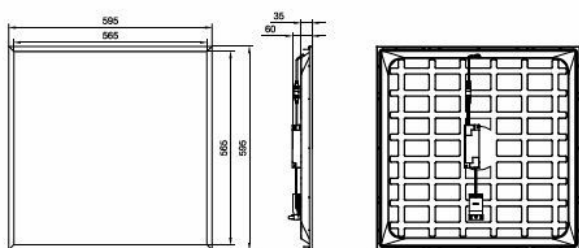
RC065B G5 34S/865 PSU W60L60 NOC CFW



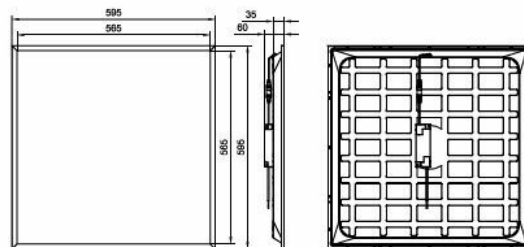


RC065B G5 34S/840 PSD W60L60 OC SC

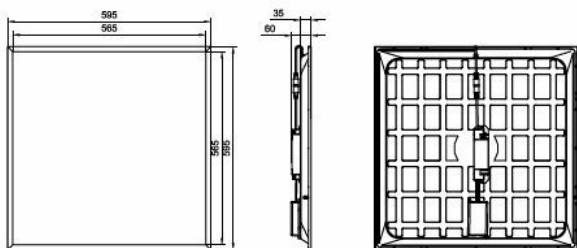
RC066B 34S/840 PSU W62L62 OC



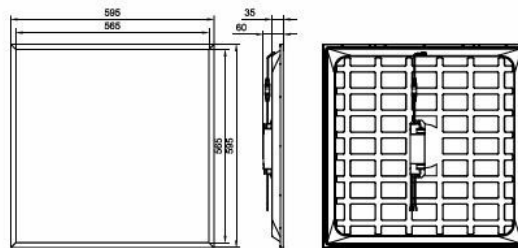
RC065B G5 34S/840 PSU W60L60 OC SC



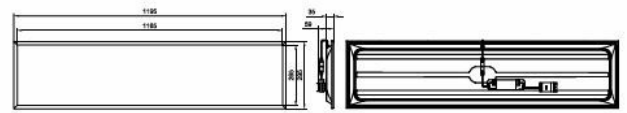
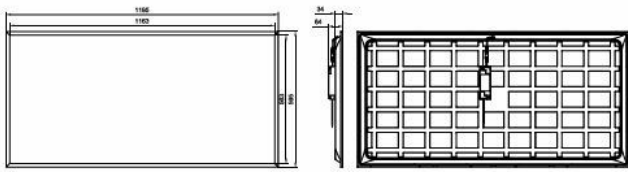
RC065B G5 34S/865 PSU W60L60 OC CFW



RC065B G5 34_36S/830_40 PSD W60L60 OC SC



RC065B G5 34S/840 PSD W60L60 OC CFW



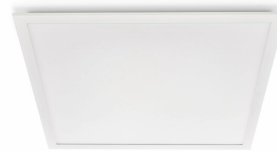
RC065B G5 60S/840 PSU 60x120 NOC TPb CFW

RC065B G5 34_36S/830_40 PSU 30x120 OC SC

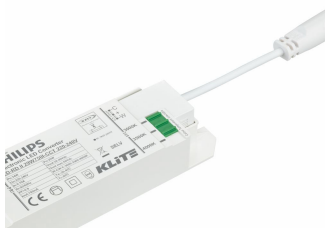
Product details



Ledinaire Panel RC066B
Square backside



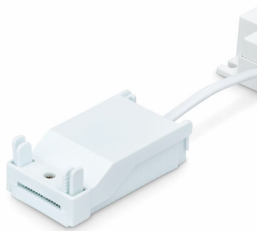
Ledinaire Panel G5 RC066B-
frontside-straight



Ledinaire Panel G5 All in CCT
Switch 3000K



Ledinaire Panel G5 Back
housing PSU Flywire (CFW)



White Quick connector-closed



Panel flywires CFW + backside
panel



Ledinaire Panel G5 All in CCT
Switch PSU ON OFF Driver
Open connector



Ledinaire Panel G5 PSD DALI
Driver Open connector



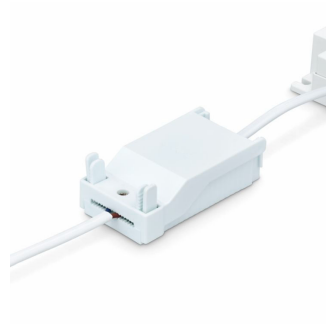
Ledinaire Panel G5 All in CCT
Switch PSD ON OFF Driver
Closed connector



Ledinaire Panel G5 PSD DALI
Driver Closed connector



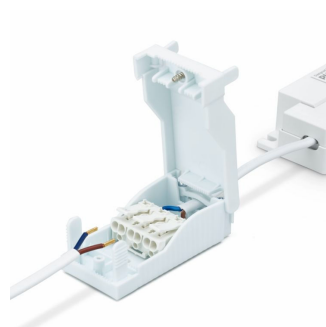
Ledinaire panel G5 frame and optical area 60x120



White Quick connector+wire-closed



Ledinaire Panel Gen 5-RC065B W60L120-backside



White Quick connector +wire-open



White Quick connector-open



Ledinaire Panel G5 All in CCT Switch PSD ON OFF Driver Open connector



Ledinaire Panel RC065B G5 30x120 Packaging



Panel flywires CFW



Ledinaire Panel G5 Back housing PSU Connector



Ledinaire Panel RC065B Square backside



Ledinaire Panel Gen 5-RC065B_RC066B Square-backside-PSU driver and connector



Ledinaire Panel Gen 5-RC065B_RC066B Square-backside



Ledinaire Panel RC065B G5
PSU 30x120 Backside



Ledinaire Panel G5 All in CCT
Switch PSU ON OFF Driver
Closed connector



Ledinaire Panel G5 All in CCT
Switch 3500K



Ledinaire Panel G5 All in CCT
Switch 4000K



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



Ledinaire Panel Gen 5-
RC065B_RC066B Square-
backside-PSU driver and
connector



Ledinaire panel G5 frame and
optical area 62x62

General Information

Number of gear units	1 unit
Driver included	Yes
Service tag	No

Light Technical

Color rendering index (CRI)	>80
All-in Type	All-in, Multi Color Temperature

Operating and Electrical

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

Mechanical and Housing

Housing Color	White
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Emergency Operation

Central Emergency	No
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Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	-
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Ambient temperature range	-10 to +35 °C

Initial Performance (IEC Compliant)

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

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Beam angle of light source	Optic type
51697799	RC065B G5 34_36S/830_40 PSD W60L60 OC SC	3,400 lm 3,600 lm	3000 K 4000 K	120 lm/W 113 lm/W	90 degree(s)	Beam angle 90°
51669499	RC065B G5 60S/840 PSU 60x120 NOC TPb CFW	6,000 lm	4000 K	120 lm/W	120 degree(s)	Beam angle 120°
51666399	RC066B 34S/840 PSU W62L62 OC	3,400 lm	4000 K	120 lm/W	90 degree(s)	Beam angle 90°
51672499	RC065B G5 34_36S/830_40 PSU W60L60 OC SC	3,400 lm 3,600 lm	3000 K 4000 K	120 lm/W 113 lm/W	90 degree(s)	Beam angle 90°
51673199	RC065B G5 34_36S/830_40 PSU 60x60 NOC SC	3,400 lm 3,600 lm	3000 K 4000 K	120 lm/W 113 lm/W	120 degree(s)	Beam angle 120°
51651999	RC065B G5 34S/840 PSU W60L60 OC CFW	3,400 lm	4000 K	120 lm/W	90 degree(s)	Beam angle 90°
51652699	RC065B G5 34S/840 PSU W60L60 OC SC	3,400 lm	4000 K	120 lm/W	90 degree(s)	Beam angle 90°
51653399	RC065B G5 34S/865 PSU W60L60 OC CFW	3,400 lm	6500 K	120 lm/W	90 degree(s)	Beam angle 90°
51654099	RC065B G5 34S/840 PSU W60L60 NOC CFW	3,400 lm	4000 K	120 lm/W	120 degree(s)	Beam angle 120°
51655799	RC065B G5 34S/840 PSU W60L60 NOC SC	3,400 lm	4000 K	120 lm/W	120 degree(s)	Beam angle 120°
51656499	RC065B G5 34S/865 PSU W60L60 NOC CFW	3,400 lm	6500 K	120 lm/W	120 degree(s)	Beam angle 120°
51657199	RC065B G5 34S/840 PSD W60L60 OC CFW	3,400 lm	4000 K	120 lm/W	90 degree(s)	Beam angle 90°
51658899	RC065B G5 34S/840 PSD W60L60 OC SC	3,400 lm	4000 K	120 lm/W	90 degree(s)	Beam angle 90°

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Beam angle of light source	Optic type
51659599	RC065B G5 41S/840 PSU W60L60 NOC CFW	4,100 lm	4000 K	120 lm/W	120 degree(s)	Beam angle 120°
51660199	RC065B G5 41S/840 PSU W60L60 OC CFW	4,100 lm	4000 K	120 lm/W	90 degree(s)	Beam angle 90°
51661899	RC065B G5 41S/840 PSU W60L60 NOC CFW CL	4,100 lm	4000 K	120 lm/W	120 degree(s)	Beam angle 120°
51662599	RC065B G5 41S/840 PSU W60L60 OC CFW CL	4,100 lm	4000 K	120 lm/W	90 degree(s)	Beam angle 90°
51663299	RC065B G5 34S/840 PSU W60L60 NOC CFW CL	3,400 lm	4000 K	120 lm/W	120 degree(s)	Beam angle 120°
51698499	RC065B G5 34_36S/830_40 PSU 30x120 OC SC	3,400 lm 3,600 lm	3000 K 4000 K	120 lm/W 113 lm/W	90 degree(s)	Beam angle 90°

Operating and Electrical

Order Code	Full Product Name	Power Consumption
51697799	RC065B G5 34_36S/830_40 PSD W60L60 OC SC	28 W
51669499	RC065B G5 60S/840 PSU 60x120 NOC TPb CFW	50 W
51666399	RC066B 34S/840 PSU W62L62 OC	28 W
51672499	RC065B G5 34_36S/830_40 PSU W60L60 OC SC	28 W
51673199	RC065B G5 34_36S/830_40 PSU 60x60 NOC SC	28 W
51651999	RC065B G5 34S/840 PSU W60L60 OC CFW	28 W
51652699	RC065B G5 34S/840 PSU W60L60 OC SC	28 W
51653399	RC065B G5 34S/865 PSU W60L60 OC CFW	28 W
51654099	RC065B G5 34S/840 PSU W60L60 NOC CFW	28 W
51655799	RC065B G5 34S/840 PSU W60L60 NOC SC	28 W
51656499	RC065B G5 34S/865 PSU W60L60 NOC CFW	28 W
51657199	RC065B G5 34S/840 PSD W60L60 OC CFW	28 W
51658899	RC065B G5 34S/840 PSD W60L60 OC SC	28 W
51659599	RC065B G5 41S/840 PSU W60L60 NOC CFW	34 W
51660199	RC065B G5 41S/840 PSU W60L60 OC CFW	34 W
51661899	RC065B G5 41S/840 PSU W60L60 NOC CFW CL	34 W
51662599	RC065B G5 41S/840 PSU W60L60 OC CFW CL	34 W
51663299	RC065B G5 34S/840 PSU W60L60 NOC CFW CL	28 W
51698499	RC065B G5 34_36S/830_40 PSU 30x120 OC SC	28 W

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
51697799	RC065B G5 34_36S/830_40 PSD W60L60 OC SC	Yes	1%
51669499	RC065B G5 60S/840 PSU 60x120 NOC TPb CFW	No	Not applicable
51666399	RC066B 34S/840 PSU W62L62 OC	No	Not applicable
51672499	RC065B G5 34_36S/830_40 PSU W60L60 OC SC	No	Not applicable
51673199	RC065B G5 34_36S/830_40 PSU 60x60 NOC SC	No	Not applicable
51651999	RC065B G5 34S/840 PSU W60L60 OC CFW	No	Not applicable
51652699	RC065B G5 34S/840 PSU W60L60 OC SC	No	Not applicable

Order Code	Full Product Name	Dimmable	Maximum dim level
51653399	RC065B G5 34S/865 PSU W60L60 OC CFW	No	Not applicable
51654099	RC065B G5 34S/840 PSU W60L60 NOC CFW	No	Not applicable
51655799	RC065B G5 34S/840 PSU W60L60 NOC SC	No	Not applicable
51656499	RC065B G5 34S/865 PSU W60L60 NOC CFW	No	Not applicable
51657199	RC065B G5 34S/840 PSD W60L60 OC CFW	Yes	1%
51658899	RC065B G5 34S/840 PSD W60L60 OC SC	Yes	1%
51659599	RC065B G5 41S/840 PSU W60L60 NOC CFW	No	Not applicable
51660199	RC065B G5 41S/840 PSU W60L60 OC CFW	No	Not applicable
51661899	RC065B G5 41S/840 PSU W60L60 NOC CFW CL	No	Not applicable
51662599	RC065B G5 41S/840 PSU W60L60 OC CFW CL	No	Not applicable
51663299	RC065B G5 34S/840 PSU W60L60 NOC CFW CL	No	Not applicable
51698499	RC065B G5 34_36S/830_40 PSU 30x120 OC SC	No	Not applicable

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
51697799	RC065B G5 34_36S/830_40 PSD W60L60 OC SC	(0.43, 0.40) SDCM ≤5 ; (0.38, 0.38) SDCM ≤5
51669499	RC065B G5 60S/840 PSU 60x120 NOC TPb CFW	(0.38, 0.38) SDCM ≤5
51666399	RC066B 34S/840 PSU W62L62 OC	(0.38, 0.38) SDCM ≤5
51672499	RC065B G5 34_36S/830_40 PSU W60L60 OC SC	(0.43, 0.40) SDCM ≤5 ; (0.38, 0.38) SDCM ≤5
51673199	RC065B G5 34_36S/830_40 PSU 60x60 NOC SC	(0.43, 0.40) SDCM ≤5 ; (0.38, 0.38) SDCM ≤5
51651999	RC065B G5 34S/840 PSU W60L60 OC CFW	(0.38, 0.38) SDCM ≤5
51652699	RC065B G5 34S/840 PSU W60L60 OC SC	(0.38, 0.38) SDCM ≤5
51653399	RC065B G5 34S/865 PSU W60L60 OC CFW	(0.31, 0.33) SDCM ≤5
51654099	RC065B G5 34S/840 PSU W60L60 NOC CFW	(0.38, 0.38) SDCM ≤5
51655799	RC065B G5 34S/840 PSU W60L60 NOC SC	(0.38, 0.38) SDCM ≤5
51656499	RC065B G5 34S/865 PSU W60L60 NOC CFW	(0.31, 0.33) SDCM ≤5
51657199	RC065B G5 34S/840 PSD W60L60 OC CFW	(0.38, 0.38) SDCM ≤5
51658899	RC065B G5 34S/840 PSD W60L60 OC SC	(0.38, 0.38) SDCM ≤5
51659599	RC065B G5 41S/840 PSU W60L60 NOC CFW	(0.38, 0.38) SDCM ≤5
51660199	RC065B G5 41S/840 PSU W60L60 OC CFW	(0.38, 0.38) SDCM ≤5
51661899	RC065B G5 41S/840 PSU W60L60 NOC CFW CL	(0.38, 0.38) SDCM ≤5
51662599	RC065B G5 41S/840 PSU W60L60 OC CFW CL	(0.38, 0.38) SDCM ≤5
51663299	RC065B G5 34S/840 PSU W60L60 NOC CFW CL	(0.38, 0.38) SDCM ≤5
51698499	RC065B G5 34_36S/830_40 PSU 30x120 OC SC	(0.43, 0.40) SDCM ≤5 ; (0.38, 0.38) SDCM ≤5