



Ledinaire Panel - Simply great LED

Ledinaire Panel RC065B

The Ledinaire range contains a selection of popular off-the-shelf LED luminaires that comes with the high Philips quality levels at a competitive price. Reliable, energy efficient and affordable – just what you need.

Benefits

- Philips quality and reliability
- Energy saving
- Diffuse comfortable light

Features

- Accessoires for plaster, surface mounted and suspension available
- Modern, unobtrusive design

Application

- General lighting

Specifications

Type	RC065B
Ceiling type	Exposed T-bar ceiling
Module size	600 x 600 mm
Light source	Non-replaceable LED module
Power	42 W
Beam angle	114°
Luminous flux	3200 lm
Correlated Color	4000 K (Neutral white)
Temperature	
Color Rendering Index	> 80
Median useful life L70B50	30,000 hours

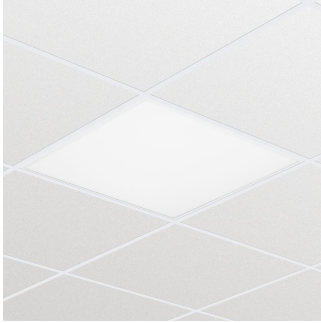
Median useful life L80B50	15,000 hours
Median useful life L90B50	10,000 hours
Average ambient temperature	+25 °C
Operating temperature range	+10 to +40 °C
Driver	Separate
Mains voltage	220-240 V / 50-60 Hz
Dimming	Not dimmable
Material	Painted steel
Color	White (RAL9016)

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Optical cover	Polystyrene diffuser
Connection	Push-in connector with pull relief
Maintenance	No internal cleaning required
Installation	Individual, lay-in in exposed ceiling grids Through-wiring not possible Installation without removing lamp and cover

Accessories	Accessories for suspension, plaster ceiling and surface-mounting
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Versions



**RC065B - LED Module, system flux
3200 lm**

Product details



**Ledinaire_Panel-RC065B_W60L60-
DP.tif**

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Application Conditions

Ambient temperature range	+10 to +40 °C
Suitable for random switching	No

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

Controls and Dimming

Dimmable	No
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General Information

CE mark	CE mark
Protection class IEC	Safety class II
Driver included	Yes
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit

Initial Performance (IEC Compliant)

Init. Corr. Color Temperature	4000 K
Luminous flux tolerance	+/-10%

Mechanical and Housing

Color	White
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Over Time Performance (IEC Compliant)

Median useful life L80B50	15000 h
Median useful life L90B50	10000 h

Application Conditions

Order Code	Full Product Name	Average ambient temperature
910503910199	RC065B LED32S/840 PSU W60L60 NOC	25 °C
912401483175	RC065B LED34S/840 PSU W60L60 OC	-
912401483176	RC066B LED34S/840 PSU W62L62 OC	-

Operating and Electrical

Order Code	Full Product Name	Input Voltage
910503910199	RC065B LED32S/840 PSU W60L60 NOC	220-240 V
912401483175	RC065B LED34S/840 PSU W60L60 OC	220/240 V

Order Code	Full Product Name	Input Voltage
912401483176	RC066B LED34S/840 PSU W62L62 OC	220/240 V

General Information (1/2)

Order Code	Full Product Name	Beam angle of light source	Cap-Base	Optical cover/lens type	Flammability mark
910503910199	RC065B LED32S/840 PSU W60L60 NOC	-	-	-	-
912401483175	RC065B LED34S/840 PSU W60L60 OC	120 °	-	-	For mounting on normally flammable surfaces

Order Code	Full Product Name	Beam angle of light source	Cap-Base	Optical cover/lens type	Flammability mark
912401483176	RC066B LED34S/840 PSU W62L62 OC	120 °	-	-	For mounting on normally flammable surfaces

General Information (2/2)

Ledinaire Panel RC065B

Order Code	Full Product Name	Lamp family		Number of light sources	Optic type
		Gear	code		
910503910199	RC065B LED32S/840 PSU W60L60 NOC	-	LED32S	1 pc	-
912401483175	RC065B LED34S/840 PSU W60L60 OC	-	-	-	Beam angle 100°

Order Code	Full Product Name	Lamp family		Number of light sources	Optic type
		Gear	code		
912401483176	RC066B LED34S/840 PSU W62L62 OC	-	-	-	Beam angle 100°

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Color	Initial LED	Initial
			Rendering Index	luminaire efficacy	luminous flux
910503910199	RC065B LED32S/840 PSU W60L60 NOC	(0.38, 0.38) SDCM <5	≥80	76 lm/W	3200 lm
912401483175	RC065B LED34S/840	(0.39, 0.39) SDCM <5	80	90 lm/W	3400 lm

Order Code	Full Product Name	Initial chromaticity	Init. Color	Initial LED	Initial
			Rendering Index	luminaire efficacy	luminous flux
912401483176	RC066B LED34S/840 PSU W62L62 OC	(0.39, 0.39) SDCM <5	80	90 lm/W	3400 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
910503910199	RC065B LED32S/840 PSU W60L60 NOC	42 W
912401483175	RC065B LED34S/840 PSU W60L60 OC	38 W

Order Code	Full Product Name	Initial input power
912401483176	RC066B LED34S/840 PSU W62L62 OC	38 W

Mechanical and Housing

Order Code	Full Product Name	Diameter	Width
910503910199	RC065B LED32S/840 PSU W60L60 NOC	-	-
912401483175	RC065B LED34S/840 PSU W60L60 OC	-	- mm

Order Code	Full Product Name	Diameter	Width
912401483176	RC066B LED34S/840 PSU W62L62 OC	-	- mm

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5000 h
910503910199	RC065B LED32S/840 PSU W60L60 NOC	1.5 %
912401483175	RC065B LED34S/840 PSU W60L60 OC	0.5 %

Order Code	Full Product Name	Driver failure rate at 5000 h
912401483176	RC066B LED34S/840 PSU W62L62 OC	0.4 %

