



The new Philips Smartbright Direct panel offers exceptional value. It is Perfect for your everyday ceiling lighting installations. It is available in 2 standard sizes and 2 different CCT options to suit your need.

SmartBright Direct Panel G2

The most affordable LED panel delivering comfortable light with excellent uniformity. Slimmer than its predecessor, it is durable, energy efficient and comes with 3 years warranty.

SmartBright Direct Panel G2

Benefits

- 30K hrs, 3 year warranty
- Flicker Free – Ripple \leq 5%
- CRI 80

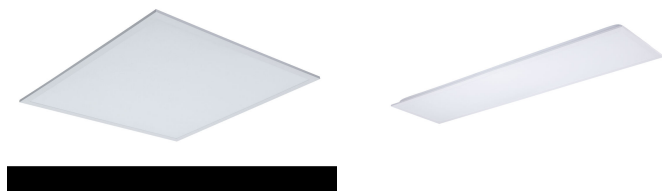
Features

- 30K hrs, 3 years warranty
- Suitable for different mounting applications: Recessed, PCV, Suspension
- CRI 80
- SDCM \leq 5
- Surge protection: 1KV/0.5KV

Application

- Offices
- Hospitality
- Fashion

Versions



Smart Bright direct Panel RC048B

SmartBright Direct Panel G2

Application Conditions

Ambient temperature range	-10 to +40 °C
Maximum dim level	Not applicable

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

Controls and Dimming

Dimmable	No
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General Information

Beam angle of light source	120 °
CE mark	CE mark
Protection class IEC	Safety class II
Driver included	Yes
ENEC mark	-
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit

Initial Performance (IEC Compliant)

Initial LED luminaire efficacy	88 lm/W
Initial luminous flux	3200 lm
Luminous flux tolerance	+/-10%
Initial input power	36 W

Mechanical and Housing

Color	White
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Over Time Performance (IEC Compliant)

Median useful life L80B50	22000 h
Median useful life L90B50	10000 h

Operating and Electrical

Order Code	Full Product Name	Input Voltage
911401807880	RC048B LED32S/840 PSU W60L60 NOC GM	230 to 240 V
911401807980	RC048B LED32S/865 PSU W60L60 NOC GM	230 to 240 V
911401838580	RC048B LED32S/840 PSU W60L60 NOC GC	230 to 240 V
911401838680	RC048B LED32S/865 PSU W60L60 NOC GC	230 to 240 V
911401839180	RC048B LED32S/840 PSU W60L60 NOC CPC GC	230 to 240 V
911401839280	RC048B LED32S/865 PSU W60L60 NOC CPC GC	230 to 240 V
911401837680	RC048B LED32S/840 PSU W30L120 NOC GM	220 to 240 V
911401837780	RC048B LED32S/865 PSU W30L120 NOC GM	220 to 240 V
911401838780	RC048B LED32S/840 PSU W30L120 NOC GC	220 to 240 V
911401838880	RC048B LED32S/865 PSU W30L120 NOC GC	220 to 240 V
911401838980	RC048B LED32S/840 PSU W30L120 NOC CPC GC	220 to 240 V
911401839080	RC048B LED32S/865 PSU W30L120 NOC CPC GC	220 to 240 V

General Information

Order Code	Full Product Name	Optical cover/lens	
		type	Optic type
911401807880	RC048B LED32S/840 PSU W60L60 NOC GM	Polystyrene bowl/cover prismatic	-
911401807980	RC048B LED32S/865 PSU W60L60 NOC GM	Polystyrene bowl/cover prismatic	-
911401838580	RC048B LED32S/840 PSU W60L60 NOC GC	Polystyrene bowl/cover prismatic	-
911401838680	RC048B LED32S/865 PSU W60L60 NOC GC	Polystyrene bowl/cover prismatic	-
911401839180	RC048B LED32S/840 PSU W60L60 NOC CPC GC	Polystyrene bowl/cover prismatic	-
911401839280	RC048B LED32S/865 PSU W60L60 NOC CPC GC	Polystyrene bowl/cover prismatic	-

Order Code	Full Product Name	Optical cover/lens	
		type	Optic type
911401837680	RC048B LED32S/840 PSU W30L120 NOC GM	Opal	Beam angle 120°
911401837780	RC048B LED32S/865 PSU W30L120 NOC GM	Opal	Beam angle 120°
911401838780	RC048B LED32S/840 PSU W30L120 NOC GC	Opal	Beam angle 120°
911401838880	RC048B LED32S/865 PSU W30L120 NOC GC	Opal	Beam angle 120°
911401838980	RC048B LED32S/840 PSU W30L120 NOC CPC GC	Opal	Beam angle 120°
911401839080	RC048B LED32S/865 PSU W30L120 NOC CPC GC	Opal	Beam angle 120°

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Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Init. Color Rendering Index
911401807880	RC048B LED32S/840 PSU W60L60 NOC GM	0.382;0.38	4000 K	>80
911401807980	RC048B LED32S/865 PSU W60L60 NOC GM	0.312;0.328	6500 K	>80
911401838580	RC048B LED32S/840 PSU W60L60 NOC GC	0.382;0.38	4000 K	>80
911401838680	RC048B LED32S/865 PSU W60L60 NOC GC	0.312;0.328	6500 K	>80
911401839180	RC048B LED32S/840 PSU W60L60 NOC CPC GC	0.382;0.38	4000 K	>80
911401839280	RC048B LED32S/865 PSU W60L60 NOC CPC GC	0.312;0.328	6500 K	>80
911401837680	RC048B LED32S/840 PSU W30L120 NOC GM	(0.382;0.38) SDCM≤5	4000 K	≥80

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Init. Color Rendering Index
911401837780	RC048B LED32S/865 PSU W30L120 NOC GM	(0.312;0.328) SDCM≤5	6500 K	≥80
911401838780	RC048B LED32S/840 PSU W30L120 NOC GC	(0.382;0.38) SDCM≤5	4000 K	≥80
911401838880	RC048B LED32S/865 PSU W30L120 NOC GC	(0.312;0.328) SDCM≤5	6500 K	≥80
911401839880	RC048B LED32S/840 PSU W30L120 NOC CPC GC	(0.382;0.38) SDCM≤5	4000 K	≥80
911401839080	RC048B LED32S/865 PSU W30L120 NOC CPC GC	(0.312;0.328) SDCM≤5	6500 K	≥80

