



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

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 a 3-year warranty.

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Benefits

- 30,000 hrs, 3-year warranty
- Flicker-Free – Ripple \leq 5%
- CRI 80

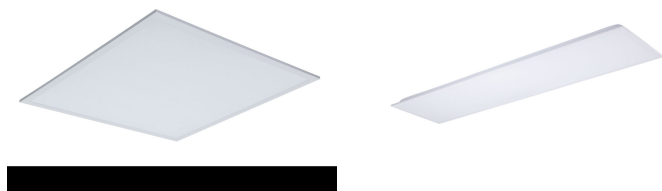
Features

- 30,000 hrs, 3-year warranty
- Suitable for different mounting applications: Recessed, PCV, Suspension
- CRI 80
- SDCM \leq 5
- Surge protection: 1 KV/0.5 KV

Application

- Offices
- Hospitality
- Fashion

Versions



SmartBright Direct Panel G2

Application Conditions

Ambient temperature range	-10 to +40 °C
Maximum dimming 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 (II)
Driver included	Yes
ENEC mark	-
Flammability mark	NO
Glow-wire test	650/30
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

Colour	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
34020300	RC048B LED32S/840 PSU W60L60 NOC GM	230 to 240 V
34021000	RC048B LED32S/865 PSU W60L60 NOC GM	230 to 240 V
34990900	RC048B LED32S/840 PSU W30L120 NOC GM	220 to 240 V
34991600	RC048B LED32S/865 PSU W30L120 NOC GM	220 to 240 V

General Information

Order Code	Full Product Name	Optical cover/lens type	Optic type	Order Code	Full Product Name	Optical cover/lens type	Optic type
34020300	RC048B LED32S/840 PSU W60L60 NOC GM	Polystyrene bowl/cover prismatic	-	34990900	RC048B LED32S/840 PSU W30L120 NOC GM	O	120
34021000	RC048B LED32S/865 PSU W60L60 NOC GM	Polystyrene bowl/cover prismatic	-	34991600	RC048B LED32S/865 PSU W30L120 NOC GM	O	120

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering index	Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering index
34020300	RC048B LED32S/840 PSU W60L60 NOC GM	0.382;0.38	4000 K	>80	34990900	RC048B LED32S/840 PSU W30L120 NOC GM	(0.382;0.38) SDCMs5	4000 K	≥80
34021000	RC048B LED32S/865 PSU W60L60 NOC GM	0.312;0.328	6500 K	>80					

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering index
34991600	RC048B LED32S/865 PSU W30L120 NOC GM	(0.312;0.328) SDCM≤5	6500 K	≥80

