



**The most affordable  
LED panel delivering  
comfortable light with  
excellent uniformity.  
Slimmer than it's  
predecessor, it is  
durable, energy-  
efficient and with a  
three-year warranty**

### **SmartBright Direct Panel G2**

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.

#### **Benefits**

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

# SmartBright Direct Panel G2

## Features

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

## Application

- Offices
- Hospitality
- Fashion

## Versions



## Product details

RC048 W60L120 back



## SmartBright Direct Panel G2

### Approval and application

Mech. impact protection code	IK02
Ingress protection code	IP20

### Controls and dimming

Dimmable	No
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### General information

Protection class IEC	Safety class II (II)
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### Initial performance (IEC compliant)

Luminous flux tolerance	+/-10%
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### Application conditions

Order Code	Full Product Name	Ambient temperature range	Maximum dimming level
911401807880	RC048B LED32S/840 PSU W60L60 NOC GM	-10 to +40 °C	Not applicable
911401807980	RC048B LED32S/865 PSU W60L60 NOC GM	-10 to +40 °C	Not applicable
911401837680	RC048B LED32S/840 PSU W30L120 NOC GM	-10 to +40 °C	Not applicable

Order Code	Full Product Name	Ambient temperature range	Maximum dimming level
911401837780	RC048B LED32S/865 PSU W30L120 NOC GM	-10 to +40 °C	Not applicable
911401845582	RC048B LED50S/840 PSU W60L120 GM	-10 to +35 °C	-
911401845682	RC048B LED50S/865 PSU W60L120 GM	-10 to +35 °C	-

### 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
911401837680	RC048B LED32S/840 PSU W30L120 NOC GM	220 to 240 V

Order Code	Full Product Name	Input Voltage
911401837780	RC048B LED32S/865 PSU W30L120 NOC GM	220 to 240 V
911401845582	RC048B LED50S/840 PSU W60L120 GM	220 to 240 V
911401845682	RC048B LED50S/865 PSU W60L120 GM	220 to 240 V

### General information (1/2)

Order Code	Full Product Name	Beam angle of light source	CE mark	Optical cover/lens type	Driver included	ENEC mark	Flammability mark	Glow-wire test
911401807880	RC048B LED32S/840 PSU W60L60 NOC GM	120 °	CE mark	Polystyrene bowl/cover prismatic	Yes	-	NO	650/30
911401807980	RC048B LED32S/865 PSU W60L60 NOC GM	120 °	CE mark	Polystyrene bowl/cover prismatic	Yes	-	NO	650/30
911401837680	RC048B LED32S/840 PSU W30L120 NOC GM	120 °	CE mark	O	Yes	-	NO	650/30
911401837780	RC048B LED32S/865 PSU W30L120 NOC GM	120 °	CE mark	O	Yes	-	NO	650/30
911401845582	RC048B LED50S/840 PSU W60L120 GM	-	-	Acrylate	-	-	F	-
911401845682	RC048B LED50S/865 PSU W60L120 GM	-	-	Acrylate	-	-	F	-

### General information (2/2)

Order Code	Full Product Name	Light source replaceable	Number of gear units	Optic type
911401807880	RC048B LED32S/840 PSU W60L60 NOC GM	No	1 unit	-

Order Code	Full Product Name	Light source replaceable	Number of gear units	Optic type
911401807980	RC048B LED32S/865 PSU W60L60 NOC GM	No	1 unit	-

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Order Code	Full Product Name	Light source replaceable	Number of gear units	Optic type
911401837680	RC048B LED32S/840 PSU W30L120 NOC GM	No	1 unit	120
911401837780	RC048B LED32S/865 PSU W30L120 NOC GM	No	1 unit	120

Order Code	Full Product Name	Light source replaceable	Number of gear units	Optic type
911401845582	RC048B LED50S/840 PSU W60L120 GM	-	-	-
911401845682	RC048B LED50S/865 PSU W60L120 GM	-	-	-

### Initial performance (IEC compliant)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering index	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401807880	RC048B LED32S/840 PSU W60L60 NOC GM	0.382;0.38	4000 K	>80	88 lm/W	3200 lm	36 W
911401807980	RC048B LED32S/865 PSU W60L60 NOC GM	0.312;0.328	6500 K	>80	88 lm/W	3200 lm	36 W
911401837680	RC048B LED32S/840 PSU W30L120 NOC GM	(0.382;0.38) SDCM≤5	4000 K	≥80	88 lm/W	3200 lm	36 W
911401837780	RC048B LED32S/865 PSU W30L120 NOC GM	(0.312;0.328) SDCM≤5	6500 K	≥80	88 lm/W	3200 lm	36 W
911401845582	RC048B LED50S/840 PSU W60L120 GM	(0.38, 0.38) SDCM≤5	4000 K	>80	100 lm/W	5000 lm	50, 50 W
911401845682	RC048B LED50S/865 PSU W60L120 GM	(0.31, 0.33) SDCM≤5	6500 K	>80	100 lm/W	5000 lm	50, 50 W

### Mechanical and housing

Order Code	Full Product Name	Colour
911401807880	RC048B LED32S/840 PSU W60L60 NOC GM	White
911401807980	RC048B LED32S/865 PSU W60L60 NOC GM	White
911401837680	RC048B LED32S/840 PSU W30L120 NOC GM	White

Order Code	Full Product Name	Colour
911401837780	RC048B LED32S/865 PSU W30L120 NOC GM	White
911401845582	RC048B LED50S/840 PSU W60L120 GM	White RAL 9003
911401845682	RC048B LED50S/865 PSU W60L120 GM	White RAL 9003

### Over time performance (IEC compliant)

Order Code	Full Product Name	Driver failure rate at 5,000 hours	Median useful life L80B50	Median useful life L90B50
911401807880	RC048B LED32S/840 PSU W60L60 NOC GM	0.0006 %	22000 h	10000 h
911401807980	RC048B LED32S/865 PSU W60L60 NOC GM	0.0006 %	22000 h	10000 h
911401837680	RC048B LED32S/840 PSU W30L120 NOC GM	0.0006 %	22000 h	10000 h

Order Code	Full Product Name	Driver failure rate at 5,000 hours	Median useful life L80B50	Median useful life L90B50
911401837780	RC048B LED32S/865 PSU W30L120 NOC GM	0.0006 %	22000 h	10000 h
911401845582	RC048B LED50S/840 PSU W60L120 GM	-	-	-
911401845682	RC048B LED50S/865 PSU W60L120 GM	-	-	-

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