



# SmartBright Direct Panel G2

## RC048B LED32S/840 PSU W60L60 NOC GM

SmartBright Direct Panel G2, 88 lm/W, White

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.

### Product data

General Information		Optical cover type	
Light source replaceable	No	Luminaire light beam spread	Polystyrene bowl/cover prismatic
Number of gear units	1 unit		120°
Driver included	Yes	Operating and Electrical	
Light source engine type	LED	Input Voltage	230 to 240 V
CE mark	CE mark	Line Frequency	50 or 60 Hz
Warranty period	3 years	Inrush current	15 A
Flammability mark	-	Inrush time	0.04 ms
ENEC mark	-	Power Consumption	36 W
Glow-wire test	Temperature 650 °C, duration 30 s	Power Factor (Fraction)	0.9
EU RoHS compliant	No	Connection	Connection unit 2-pole
		Cable	Cable 0.3 m without plug
Light Technical		Number of products on MCB of 16 A type B 36	
Luminous Flux	3,200 lm	Temperature	
Correlated Color Temperature (Nom)	4000 K	Ambient temperature range	-10 to +40 °C
Luminous Efficacy (rated) (Nom)	88 lm/W	Controls and Dimming	
Color rendering index (CRI)	>80	Dimmable	No
Beam angle of light source	120 degree(s)		
Light source color	White		

SmartBright Direct Panel G2

Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover material	Polystyrene
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall length	595 mm
Overall width	595 mm
Overall height	34 mm
Dimensions (Height x Width x Depth)	34 x 595 x 595 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	0.382;0.38

Power consumption tolerance	+/-10%
-----------------------------	--------

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.0006 %
Median useful life L70B50	36,000 hour(s)
Median useful life L80B50	22,000 hour(s)
Median useful life L90B50	10,000 hour(s)

Application Conditions

Maximum dim level	Not applicable
-------------------	----------------

Product Data

Order product name	RC048B LED32S/840 PSU W60L60 NOC GM
Full product name	RC048B LED32S/840 PSU W60L60 NOC GM
Full product code	871016334020300
Order code	34020300
Material Nr. (12NC)	911401807880
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163340203
Numerator - Packs per outer box	4
EAN/UPC - Case	8710163340203

Dimensional drawing

