SmartBright Direct Panel G2

RC048B LED32S/840 PSU W60L60 NOC GM

36 W, Power supply unit (On/Off), Polystyrene bowl/cover prismatic, 120°

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

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED

Light Technical

Luminous Flux	3,200 lumen
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	88 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	White
Optical cover/lens type	Polystyrene bowl/cover prismatic
Luminaire light beam spread	120°

Operating and Electrical

Input Voltage	230 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	15 A
Inrush time	0.04 ms
Power Consumption	36 W
Power Factor (Fraction)	0.9
Connection	Connection unit 2-pole
Cable	Cable 0.3 m without plug
Number of products on MCB of 16 A type B	36

Temperature

Ambient temperature range	–10 to +40 °C

Controls and Dimming

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

SmartBright Direct Panel G2

Mechanical and Housing

Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover/lens material	Polystyrene
Fixation material	–
Housing Color	White
Optical cover/lens 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
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	–
CE mark	CE mark
ENEC mark	–
Warranty period	3 years
EU RoHS compliant	No

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%

Initial chromaticity	0.382;0.38
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

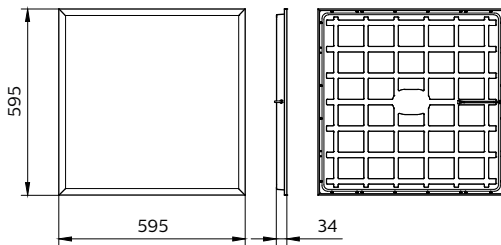|	
Driver failure rate at 5000 h	0.0006 %
Median useful life L70B50	36,000 hour(s)
Median useful life L80B50	22,000 hour(s)
Median useful life L90B50	10,000 hour(s)

Application Conditions

Maximum dim level	Not applicable

Product Data

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

Dimensional drawing

595
595
34

SmartBright Direct Panel G2