SmartBright Direct Panel G2

RC048B LED32S/865 PSU W30L120 NOC GM

Power supply unit - Beam angle 120° - Opal - 120°

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.

Product data

General Information

Beam angle of light source	120 °
Lamp colour code	865 cool daylight
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	120 [Beam angle 120°]
Optical cover/lens type	O [Opal]
Luminaire light beam spread	120°
Control interface	–
Connection	Connection unit 2-pole
Cable	Cable 0.3 m without plug
Protection class IEC	Safety class II (II)
Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	–
Warranty period	3 years

Constant light output	No
Number of products on MCB	35
EU RoHS compliant	No
LED engine type	LED

Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 or 60 Hz
Initial CLO power consumption	– W
Average CLO power consumption	– W
Inrush current	15 A
Inrush time	0.04 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing material	Steel

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Reflector material	Acrylate
Optic material	Polystyrene
Optical cover/lens material	Polystyrene
Fixation material	–
Optical cover/lens finish	Opal
Overall length	1195 mm
Overall width	295 mm
Overall height	34 mm
Colour	White

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux	3200 lm
Luminous flux tolerance	+/–10%
Initial LED luminaire efficacy	88 lm/W
Lamp colour temperature	6500 K
Colour Rendering Index	≥80
Initial chromaticity	(0.312;0.328) SDCM≤5
Initial input power	36 W
Power consumption tolerance	+/–10%

Over Time Performance (IEC Compliant)

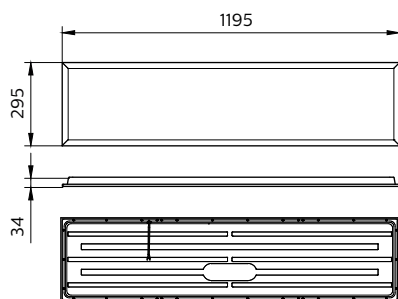|	
Median useful life L70B50	30000 h
Median useful life L80B50	22000 h
Median useful life L90B50	10000 h

Application Conditions

Ambient temperature range	–10 to +40 °C
Maximum dimming level	Not applicable

Product Data

Full product code	871016334991600
Order product name	RC048B LED32S/865 PSU W30L120 NOC GM
EAN/UPC – product	8710163349916
Order code	911401837780
Numerator – quantity per pack	1
Numerator – packs per outer box	4
Material no. (12NC)	911401837780
Net weight (piece)	1.800 kg

IK 02

Dimensional drawing

RC092V/RC048B SmartBright Direct Panel

www.lighting.philips.com

2020, August 19 – data subject to change