SmartBright Direct Panel

RC093V LED52S/865 PSU W60L120 GM

– – Beam angle 110° – Polystyrene bowl/cover prismatic – 110°

High efficacy LED office solution to replace conventional solutions, achieving the most affordable LED panel delivering comfortable light with excellent uniformity

Product data

General Information

Beam angle of light source	– °
Light source color	865 cool daylight
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	–
Driver included	Yes
Optic type	Beam angle 110°
Optical cover/lens type	Polystyrene bowl/cover prismatic
Luminaire light beam spread	110°
Control interface	–
Connection	–
Cable	Cable 0.2 m without plug
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 ℃, duration 30 s
Flammability mark	–
CE mark	CE mark
ENEC mark	–
Warranty period	3 years
Constant light output	No

Number of products on MCB of 16 A type B	24
EU RoHS compliant	Yes
Light source engine type	LED

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	12.6 A
Inrush time	0.174 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	–
Optic material	Polystyrene
Optical cover/lens material	Polystyrene
Fixation material	Polyamide

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Optical cover/lens finish	Opal
Overall length	597 mm
Overall width	1197 mm
Overall height	35 mm
Color	White

Approval and Application

Ingress protection code	IP20 [Finger–protected]
Mech. impact protection code	IK03 [0.3 J]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	5200 lm
Luminous flux tolerance	+/–10%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	80
Initial input power	50 W
Power consumption tolerance	+/–10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	30000 h

Application Conditions

Ambient temperature range	–10 to +35 ℃
Maximum dim level	0% (digital)
Suitable for random switching	No

Product Data

Full product code	871016332959899
Order product name	RC093V LED52S/865 PSU W60L120 GM
EAN/UPC – Product	8710163329598
Order code	911401729512
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	4
Material Nr. (12NC)	911401729512
Net Weight (Piece)	3.500 kg

Dimensional drawing

597
1197
35
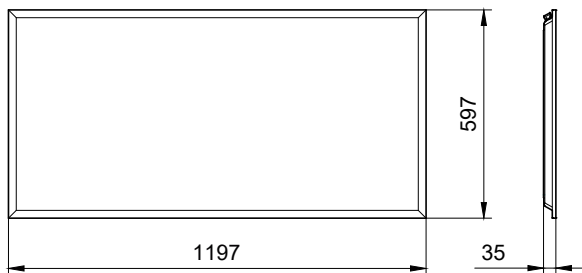
RC092V/RC048B SmartBright Direct Panel

www.lighting.philips.com

2021, February 5 – data subject to change