



SmartBright Panel RC091V 2'X4'

RC091V LED48S/840 PSU W60L120 G2 CL

SmartBright Panel RC091V 2'X4', 100 lm/W, 840 neutral white

SmartBright RC091V 2'x4' is an additional dimension in RC091V panel family which is satisfy the big size panel demand for GCGM country. Its valuable with longer lifetime for Edge-lit panel.

Warnings and Safety

- 1、The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements. 灯具应由有资格的电工安装，接线要符合 IEE 电气标准或国家标准。
- 2、Do not switch on before complete installation. 接线过程中，切勿通电。
- 3、Indoor use only. 灯具只用于室内。
- 5、The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced. 此灯具的光源是不可替换的；当光源到其寿终时，应替换整个灯具。
- 6、Luminaire must not be used or stored in corrosive environment where hazardous materials such as Sulphur, Chlorine, phthalates, etc, are present. 本灯具避免存储和使用在腐蚀性环境或者含有有害物质的环境中,例如硫化物,卤化物,邻苯二甲酸酯等。
- 7、Luminaires not suitable for covering with thermally insulating material. 灯具不适宜被隔热材料覆盖

Product data

General Information		EU RoHS compliant	
Light source replaceable	No	No	
Number of gear units	1 unit	Light Technical	
Driver included	Yes	Luminous Flux	4,800 lm
Light source engine type	LED	Correlated Color Temperature (Nom)	4000 K
CE mark	CE mark	Luminous Efficacy (rated) (Nom)	100 lm/W
Warranty period	5 years	Color rendering index (CRI)	>80
Flammability mark	-	Beam angle of light source	120 degree(s)
ENEC mark	-	Light source color	840 neutral white
Glow-wire test	Temperature 650 °C, duration 30 s	Optic type	Beam angle 120°

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Optical cover type	Opal
Luminaire light beam spread	120°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	23.8 A
Inrush time	0.12 ms
Power Consumption	48 W
Power Factor (Fraction)	0.9
Connection	Connection unit 2-pole
Cable	Cable 1.5 m with plug
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	-10 to +35 °C
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Controls and Dimming

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

Mechanical and Housing

Housing Material	Aluminum extruded
Reflector material	-
Optic material	Polystyrene
Optical cover material	Polystyrene
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall length	1,195 mm
Overall width	595 mm
Overall height	10 mm

Dimensions (Height x Width x Depth)	10 x 595 x 1195 mm
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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	(0.3818;0.3797), SDCM≤5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.003 %
Median useful life L70B50	71,500 hour(s)
Median useful life L80B50	44,400 hour(s)
Median useful life L90B50	20,800 hour(s)

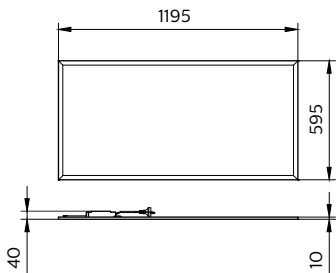
Application Conditions

Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Product Data

Order product name	RC091V LED48S/840 PSU W60L120 G2 CL
Full product name	RC091V LED48S/840 PSU W60L120 G2 CL
Full product code	871016334146099
Order code	911401808480
Material Nr. (12NC)	911401808480
Local order code	RC91V484612PNF
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163341460
Numerator - Packs per outer box	2
EAN/UPC - Case	8710163341484

Dimensional drawing



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