



# Reliable and Valuable

## SmartBright Panel RC091V 2'X4'

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.

### Benefits

- 1. Easy to maintains, thanks to 50k hours lifetime;
- 2. More Bright and comfortable light.
- 3. Flicker Free.

### Features

- 48W, 4800lm, 100lm/W, 4000k, 6500k, CRI≥80 , operating temperature: -10°C to +35°C ,lifetime: 50K hrs @ L70 B50 @Ta 25C, 220-240V, 50/60Hz, PF >0.9, Class II
- , Surge protection: DM: 1KV, CM: 2KV
- ; 595x1195x10(mm) (height exclude driver)

### Application

- Office, Meeting room, Hospital, Library

### 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

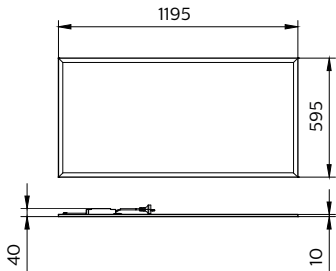
SmartBright Panel RC091V 2'X4'

Versions



SmartBright Panel RC091V 2'x4'  
Standard

Dimensional drawing



SmartBright Panel RC091V 2'X4'

General Information	
Driver included	Yes
Light source replaceable	No
Number of gear units	1 unit
Light Technical	
Beam angle of light source	120 degree(s)
Optical cover/lens type	Opal
Color rendering index (CRI)	>80
Luminous Efficacy (rated) (Nom)	100 lm/W
Luminous Flux	4,800 lumen
Optic type	Beam angle 120°
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Power Consumption	48 W
Temperature	
Ambient temperature range	-10 to +35 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Color	White
Approval and Application	
CE mark	CE mark
Protection class IEC	Safety class II
ENEC mark	-
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Mech. impact protection code	IK02
Ingress protection code	IP20
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.003 %
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

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)
911401808480	RC091V LED48S/840 PSU W60L120 G2 CL	4000 K
911401808580	RC091V LED48S/865 PSU W60L120 G2 CL	6500 K

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401808480	RC091V LED48S/840 PSU W60L120 G2 CL	(0.3818;0.3797), SDCM≤5

Order Code	Full Product Name	Initial chromaticity
911401808580	RC091V LED48S/865 PSU W60L120 G2 CL	(0.3123;0.3282), SDCM≤5

## SmartBright Panel RC091V 2'X4'

