



# 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

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### Versions



SmartBright Panel RC091V  
2'x4'\_Standard photo

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-	
Driver failure rate at 5000 h	0.003 %
<b>Application Conditions</b>	
Ambient temperature range	-10 to +35 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable
<b>Approval and Application</b>	
Mech. impact protection code	IK02
Ingress protection code	IP20
<b>Controls and Dimming</b>	
Dimmable	No
<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
<b>General Information</b>	
Beam angle of light source	120 °
CE mark	CE mark
Protection class IEC	Safety class II
Optical cover/lens type	Opal
Driver included	Yes
ENEC mark	-
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit
Optic type	Beam angle 120°
<b>Initial Performance (IEC Compliant)</b>	
Init. Color Rendering Index	>80
Initial LED luminaire efficacy	100 lm/W
Initial luminous flux	4800 lm
Luminous flux tolerance	+/-10%
Initial input power	48 W
<b>Mechanical and Housing</b>	
Color	White
<b>Over Time Performance (IEC Compliant)</b>	
Median useful life L80B50	44400 h
Median useful life L90B50	20800 h

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature
911401808480	RC091V LED48S/840 PSU W60L120 G2	(0.3818;0.3797), SDCM≤5	4000 K
	CL		
911401808580	RC091V LED48S/865 PSU W60L120 G2	(0.3123;0.3282), SDCM≤5	6500 K
	CL		

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