



Reliable and valuable

SmartBright Panel RC091V 2'X4'

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

Benefits

- 1. Easy to maintain, thanks to 50,000-hour lifetime; 2. More bright and comfortable light. 3. Flicker-free.

Features

- 48 W, 4,800 lm, 100 lm/W, 4,000 k, 6,500 k, CRI≥80, operating temperature: -10 °C to +35 °C, lifetime: 50,000 hrs @ L70 B50 @Ta 25C, 220-240 V, 50/60 Hz, PF >0.9, Class II, Surge protection: DM: 1 KV, CM: 2 KV; 595 x 1,195 x 10 (mm) (height excludes driver)

Application

- Offices, meeting rooms, hospitals, libraries

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。 4. The light source of this luminaire is not replaceable; when the light source reaches its end of life, the whole luminaire must 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。 5. The 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。 6. 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



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-	
Driver failure rate at 5,000 hours	0.003 %
Application Conditions	
Ambient temperature range	-10 to +35 °C
Maximum dimming level	Not applicable
Suitable for random switching	Not applicable
Approval and Application	
Mech. impact protection code	IK02
Ingress protection code	IP20
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Input Voltage	220 to 240 V
General Information	
Beam angle of light source	120 °
CE mark	CE mark
Protection class IEC	Safety class II (II)
Optical cover/lens type	O
Driver included	Yes
ENEC mark	-
Flammability mark	NO
Glow-wire test	650/30
Light source replaceable	No
Number of gear units	1 unit
Optic type	120
Initial Performance (IEC Compliant)	
Init. Colour rendering index	>80
Initial LED luminaire efficacy	100 lm/W
Initial luminous flux	4800 lm
Luminous flux tolerance	+/-10%
Initial input power	48 W
Mechanical and Housing	
Colour	White
Over Time Performance (IEC Compliant)	
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. Colour 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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