

GreenPerform Panel

RC099V G3

Mounting instructions

V1.0



Product Type	Power(W)	Voltage	Frequency	Dimension(mm) LxWxH(mm)	Ra	CCT(K)	Class I/II	KG	Supply Cord
RC099V G3 LED34 PSU W30L120 OC CAU HE	27.2	220-240V	50/60Hz	295x1195x38	≥80	4000K/5000K/6500K	II	2.6	Type Y
RC099V G3 LED50 PSU W60L120 OC CAU	45.5			595x1195x38	≥80	4000K/5000K/6500K	II	4.2	Type Z
RC099V G3 LED34 PSU W30L120 OC CAU	30.9			295x1195x38	≥80	4000K/5000K/6500K	II	2.6	Type Y
RC099V G3 LED29 PSU W60L60 OC CAU	26.4			595x595x38	≥80	4000K/5000K/6500K	II	2.5	Type Y
RC099V G3 LED32 PSU W60L60 OC CAU	29.1			595x595x38	≥80	4000K/5000K/6500K	II	2.5	Type Y
RC099V G3 LED29 PSU W30L120 OC CAU	26.4			295x1195x38	≥80	4000K/5000K/6500K	II	2.6	Type Y
RC099V G3 LED32 PSU W30L120 OC CAU	29.1			295x1195x38	≥80	4000K/5000K/6500K	II	2.6	Type Y
RC099V G3 LED50 PSU W60L120 OC CAU HE	38.5			595x1195x38	≥80	4000K/5000K/6500K	II	4.5	Type Y
RC099V G3 LED34 PSU W60L60 OC CAU	30.9			595x595x38	≥80	4000K/5000K/6500K	II	2.5	Type Y

Caution: The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.

**W60L60
W30L120**

W60L120

Safety chain

The product shall install safety chain (Safety chain is not included).

Recessed

**W60L60
W30L120
W60L120**

Adjust the luminaire position to fit ceiling

MIN 200mm
MIN 50mm
MIN 50mm
MIN 40mm

Driver

**WARNING-RISK OF OVERHEATING OR FIRE
IF THE CLEARANCE DISTANCES ARE COMPROMISED
RISK OF FIRE-REQUIRED CLEARANCE FROM STRUCTURAL
MEMBERS AND BUILDING ELEMENTS
HCB=20mm MIC=20mm SCB=50mm SCI=0mm**

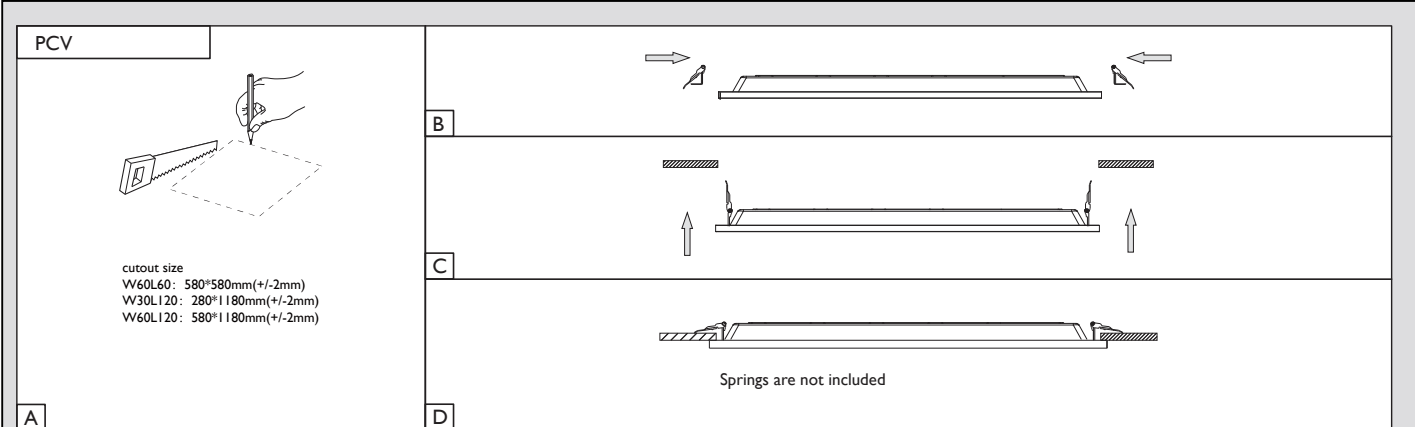
(i)HCB(Hight clearance to building element)
(ii)MIC (Minimum insulation clearance)
(iii)SCB(Side clearance to building element)
(iv)SCI(Side clearance to insulation)

Wiring Method

Plug Cord Length ≈ 560mm
→ Plug into the socket properly

– For type Y attachments:
If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

– For type Z attachments:
the external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire shall be destroyed.

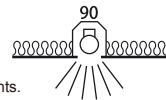


Product Type	Run Current(A) (@230V)	Start(Inrush) Current(A) /Ipeak(A)	Start Current Duration(µs) /T(@50% of Ipeak) (µs)	* Touch current or protective conductor current (mA)	Maximum Number of Luminaire on MCB 16A Type B (pcs)	Maximum Number of Luminaire on MCB 16A Type C (pcs)	Inrush current
RC099V G3 LED34 PSU W30L120 OC CAU HE	0.13	35.4	136	0.7	17	29	
RC099V G3 LED50 PSU W60L120 OC CAU	0.2	27.2	228	0.7	15	25	
RC099V G3 LED34 PSU W30L120 OC CAU	0.14	35.4	136	0.7	17	29	
RC099V G3 LED29 PSU W60L60 OC CAU	0.12	35.4	136	0.7	17	29	
RC099V G3 LED32 PSU W60L60 OC CAU	0.13	35.4	136	0.7	17	29	
RC099V G3 LED29 PSU W30L120 OC CAU	0.12	35.4	136	0.7	17	29	
RC099V G3 LED32 PSU W30L120 OC CAU	0.13	35.4	136	0.7	17	29	
RC099V G3 LED50 PSU W60L120 OC CAU HE	0.18	30	110	0.7	25	40	
RC099V G3 LED34 PSU W60L60 OC CAU	0.14	35.4	136	0.7	17	29	

The leakage current *(touch current or protective conductor current) of electrical circuit may be greatly dependent upon electrical supply cables used such as its rating and length, proper connection of electrical supply cables to luminaires and wiring connection topology of luminaires to the supply electrical circuit amongst other site conditions.

* In some cases referred to as Earth Leakage Current.

- Indoor use only. The luminaire shall, under no circumstance, be covered with thermal insulation matting or similar material.
- Do not switch on before complete installation.
- The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements.
- The luminaire shall, under no circumstance, be covered with insulation matting or similar material.
- Luminaire must not be used or stored in corrosive environment where hazardous materials such as Sulphur, Chlorine, phthalates, etc. are present.
- The product is IPX0 & as such is not protected against water ingress & as such we strongly recommend that the environment in which the luminaire is to be installed is suitably checked. If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void.
- For controllable luminaires, basic insulation has been maintained between LV supply and control conductors.



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

