

GreenPerform Panel

RCI60/RCI90

Mounting instructions

444170264886

CAU



IEC
EN60598

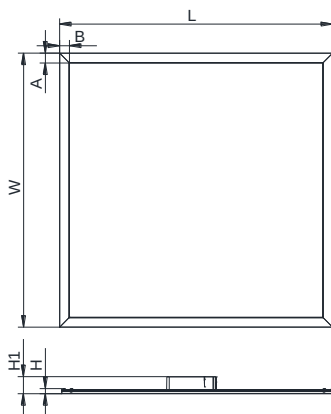


ta
25°C



Type		Driver type	Power	UGR	IP	Voltage/Frequency	Dimension		
3000K	4000K/6500K						L*W*H*H1 (mm)	A*B (mm)	
RCI60V/RCI60X LED37/8 W60L60 CAU	RCI60V/RCI60X LED39/8 W60L60 CAU	PSU/PSD/WIA/SIA	30	22	IP20	220-240V 50/60Hz	595*595*11*38	21.5*21.5	1.9
RCI60V/RCI60X LED35/9 W60L60 CAU	RCI60V/RCI60X LED37/9 W60L60 CAU	PSU/PSD/WIA/SIA	30				595*595*11*38		1.9
RCI60V/RCI60X LED37/8 W30L120 CAU	RCI60V/RCI60X LED39/8 W30L120 CAU	PSU/PSD/WIA/SIA	30				1195*295*11*38		2
RCI60V/RCI60X LED35/9 W30L120 CAU	RCI60V/RCI60X LED37/9 W30L120 CAU	PSU/PSD/WIA/SIA	30				1195*295*11*38		2
	RCI60X LED48/9 W60L120 CAU	WIA	40				1195*595*12*39		4.6
	RCI60X LED51/9 W60L120 CAU	WIA	40				1195*595*12*39		4.6
RCI60V LED57/8 W60L120 CAU	RCI60V LED60/8 W60L120 CAU	PSU/PSD/SIA					1195*595*12*39		4.6
RCI60V LED54/9 W60L120 CAU	RCI60V LED58/9 W60L120 CAU	PSU/PSD/SIA					1195*595*12*39		4.6
RCI60V LED37/8 W60L60 OC CAU	RCI60V LED39/8 W60L60 OC CAU	PSU/PSD					595*595*12*38.5		2.2
RCI60V LED37/8 W30L120 OC CAU	RCI60V LED39/8 W30L120 OC CAU	PSU/PSD					1195*295*12*38.5		2.3
RCI60X LED37/8 W60L60 OC CAU	RCI60X LED39/8 W60L60 OC CAU	WIA					595*595*12*38.5		2.2
RCI60V LED57/8 W60L120 OC CAU	RCI60V LED60/8 W60L120 OC CAU	PSU/PSD					1195*595*13*39.5		5.1
RCI60V LED27/8 W60L60 16 CAU	RCI60V LED29/8 W60L60 16 CAU	PSU/PSD		16	IP20	220-240V 50/60Hz	595*595*12*38.5	21.5*21.5	2.2
RCI60V LED27/8 W30L120 16 CAU	RCI60V LED29/8 W30L120 16 CAU	PSU/PSD					1195*295*12*38.5		2.3
RCI60X LED27/8 W60L60 16 CAU	RCI60X LED29/8 W60L60 16 CAU	WIA					595*595*12*38.5		2.2
RCI60V LED54/8 W60L120 16 CAU	RCI60V LED58/8 W60L120 16 CAU	PSU/PSD					1195*595*13*39.5		5.1
Type		Driver type	Power	UGR	IP	Voltage/Frequency	Dimension		
							L*W*H*H1 (mm)	A*B (mm)	
	RCI60V/RCI60X LED36/9TW W60L60 CAU	Tunable White	30	22	IP20	220-240V 50/60Hz	595*595*11*38	21.5*21.5	1.7
	RCI60V/RCI60X LED37/9TW W30L120 CAU		30				1195*295*11*38		1.8
	RCI60V/RCI60X LED56/9TW W60L120 CAU		46				1195*595*12*39		5.4
	RCI60V/RCI60X LED36/9TW W60L60 OC CAU	Tunable White	30	19	IP20	220-240V 50/60Hz	595*595*11*38	21.5*21.5	2
	RCI60V/RCI60X LED37/9TW W30L120 OC CAU		30				1195*295*11*38		2
	RCI60V/RCI60X LED56/9TW W60L120 OC CAU		46				1195*595*12*39		5.9
Type		Driver type	Power	UGR	IP	Voltage/Frequency	Dimension		
3000/3500K	4000K						L*W*H*H1 (mm)	A*B (mm)	
RCI90V/RCI90X LED34/9 W60L60 OC CAU	RCI90V/RCI90X LED36/9 W60L60 OC CAU	PSD/SIA	30	19	IP20	220-240V 50/60Hz	595*595*12*38.5	21.5*21.5	2.2
RCI90V/RCI90X LED34/9 W30L120 OC CAU	RCI90V/RCI90X LED36/9 W30L120 OC CAU		30				1195*295*12*38.5		2.3
RCI90V/RCI90X LED37/9 W60L120 OC CAU	RCI90V/RCI90X LED40/9 W60L120 OC CAU	30	1195*595*13*39.5				5.1		
	RCI90X LED36/9 W60L60 OC CAU	WIA	30				595*595*12*38.5		2.2
	RCI90X LED36/9 W30L120 OC CAU	WIA	30				1195*295*12*38.5		2.3
	RCI90X LED40/9 W60L120 OC CAU	WIA	30				1195*595*13*39.5		5.1
Type		Driver type	Power	UGR	IP	Voltage/Frequency	Dimension		
							L*W*H*H1 (mm)	A*B (mm)	
	RCI90X LED26/9TW W60L60 OC CAU	Tunable White	22	19	IP20	220-240V 50/60Hz	595*595*11*38	21.5*21.5	2
	RCI90X LED27/9TW W30L120 OC CAU		22				1195*295*11*38		2
	RCI90X LED54/9TW W60L120 OC CAU		46				1195*595*12*39		5.9

Unit单位: mm



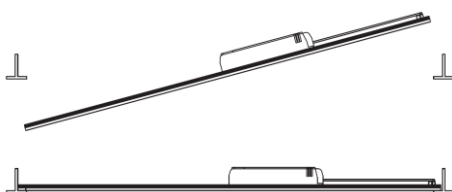
W60L60



W30L120 / W60L120

A

嵌入式Visible Profile Ceiling Mounting(VPC)

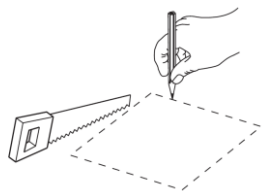


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B Plaster Ceiling Version(PCV)



Cutout size:

W60L60: 574*574mm(+/-2mm)

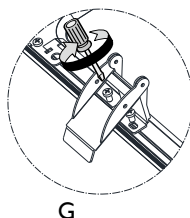
W30L120: 274*1174mm(+/-2mm)

W60L120: 574*1174mm(+/-2mm)

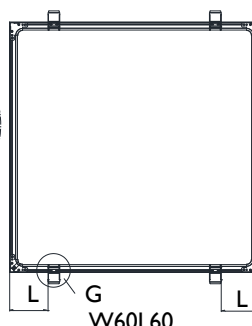
Ceiling thickness: 8-16mm

1

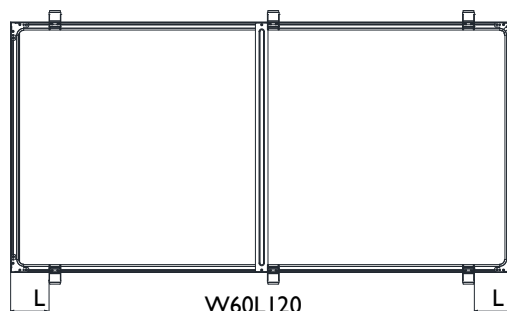
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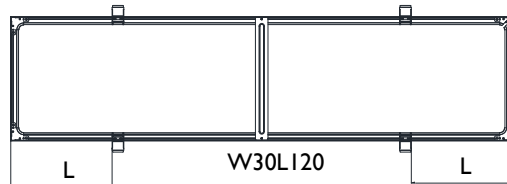
G



W60L60



W60L120



W30L120

Spring clamp is not included.

Spring clamp order info:

Type	L	Accessory12NC	Des
W60L60	90	911401513942	RC160Z SMB-PLC 4
W30L120	240		
W60L120	90	911401514042	RC160Z SMB-PLC 6

3



4

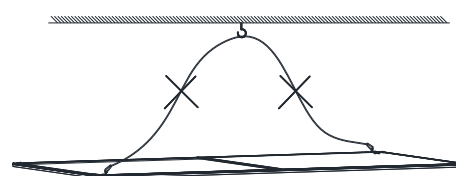
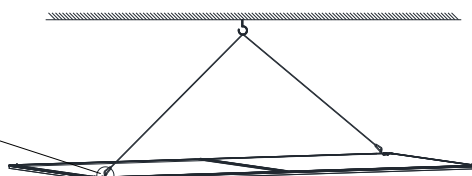
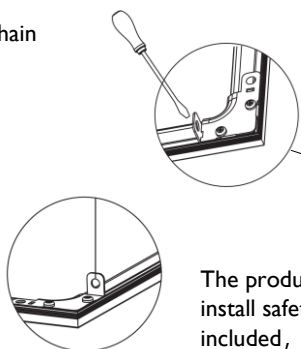
5



6



Safety Chain



The product (including A/B/C mounting types) shall install safety chain before use. (Safety chain is not included, needs to be ordered separately)

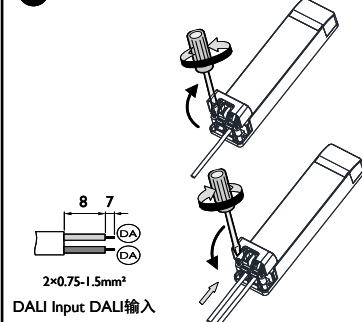
Safety chain order info:

9114 015 14242 RC160Z SC

Wiring Method

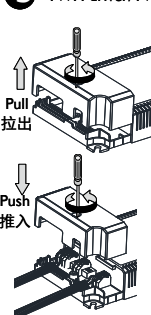
☆ It is forbidden to adjust the output current of all drivers. This will cause safety and lifetime issues of the luminaires. ☆ 所有版本驱动禁止调节输出电流, 可能影响灯具安全及寿命
Remark: Terminal block is not provided. 本灯具不

a PSD driver



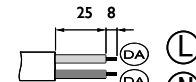
2x0.75-1.5mm²
DALI Input DALI输入

b TWH driver/TWH驱动



Pull
拉出

Push
推入



DA: 2x0.5~1.5mm²

L/N: 2x0.75mm²

Dali control DA1

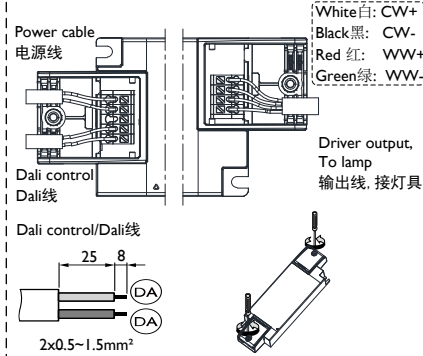
Dali线 DA2

White白: CW+
Black黑: CW-
Red红: WW+
Green绿: WW-

Driver output, To lamp
输出线, 接灯具

Power supply N / L
电源线

c TWH IA driver/TWH IA驱动



Power cable
电源线

Dali control
Dali线

Dali control/Dali线

25 8

2x0.5~1.5mm²

White白: CW+
Black黑: CW-
Red红: WW+
Green绿: WW-

Driver output,
To lamp
输出线, 接灯具



传感器远离热源
Sensor far away from heat source



传感器原理风口
Sensor far away from air outlet



≥1.5m

≥1.5m

≥1.5m

≥1.5m

≥1.5m

≥1.5m

≥1.5m

≥1.5m

≥1.5m

≥1.5m

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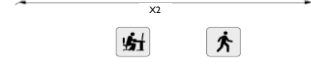
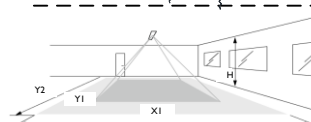
≥1.5m

≥1.5m

这个移动的感应传感器感应的范围粗略的分成2部分:

- 小的活动 (人的移动速度 ≤ 0.9 m/s)
- 大的活动 (人的移动速度 ≥ 0.9 m/s)

The detection area for the movement sensor can be roughly divided into two parts:
• Minor movement (person moving ≤ 0.9 m/s).
• Major movement (person moving ≥ 0.9 m/s).



	Height	Minor Movement		Major Movement	
	h	X1	Y1	X2	Y2
SNS210	2.4m	2.7m	2.9m	2.9m	4.5m
	3.0m	3.4m	3.6m	3.6m	5.4m
	2.4m	2.7m	2.7m	4.5m	4.5m
SC200B	2.8m	3.6m	3.6m	5.4m	5.4m
	4.0m	3.6m	3.6m	5.4m	5.4m
	6.0m	n.a.	n.a.	5.4m	5.4m
SC1500	3.0m	3.6m	2.7m	5.4m	3.6m

*本设备包含型号核准代码为: CMIIT ID: 2021DJ10044 (SNS210)/24J9966CJ883 (SC200B)/24J9966CJ886 (SC1500)的无线电发射模块。

Product Type	Run Current (A) (@220V)	Start (Inrush) Current(A) / Ipeak (A)	Start Current Duration (μs) / T(@50% of Ipeak) (μs)	Touch current or protective conductor current (mA)	MCB Type B 16A (or Type C 16A) Max no. fitting (pcs)
RC160V W60L60/W30L120 PSU /OC	0.15	28.2	128	0.7	34
RC160V W60L60/W30L120 PSU 16	0.11	25.8	120	0.7	40
RC160V W60L120 PSU /OC/16	0.24	30	202	0.7	18
RC160V W60L60/W30L120 PSD /OC	0.16	17.2	270	0.7	24
RC160V W60L60/W30L120 PSD 16	0.11	15.6	230	0.7	30
RC160V W60L120 PSD /OC/16	0.24	5.5	55	0.7	27
RC160X W60L60/W30L120 WIA	0.15	4.9	56	0.7	24
RC160X W60L120 WIA	0.2	4.9	56	0.7	24
RC190 W60L60/W30L120/W60L120 PSD	0.15	15.6	230	0.7	30
RC190 W60L60/W30L120/W60L120 WIA	0.15	4.9	56	0.7	24
RC160X/RC190X W60L60/W30L120 SIA /OC	0.15	9	25	0.7	32
RC160X/RC190X W60L120 SIA /OC	0.15	9.4	35	0.5	27
RC160 9TW W60L60/W30L120 /OC	0.15	4.69	40.5	0.7	84
RC160 9TW W60L120 /OC	0.15	8	50	0.7	43
RC190X 9TW W60L60/W30L120 /OC	0.11	4.69	40.5	0.7	84
RC190X 9TW W60L120 /OC	0.24	8	50	0.7	43

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.

WARNING-RISK OF OVERHEATING OR FIRE IF THE CLEARANCE DISTANCES ARE COMPROMISED

RISK OF FIRE -Building insulation must not cover this luminaire

HCB =50 mm MIC =25 mm SCB =50 mm

(a) HCB (Height clearance to building element)

Minimum distance as specified by the luminaire manufacturer between the top of the recessed luminaire and any building element above it.

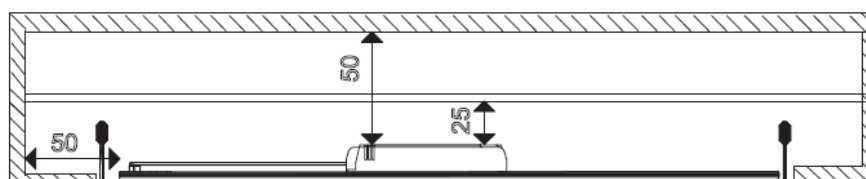
(b) MIC (Minimum insulation clearance)

Minimum distance as specified by the luminaire manufacturer between the top of the recessed luminaire and the building insulation above it.

(c) SCB (Side clearance to building element)

Minimum distance between the side of the recessed luminaire and any building element as specified in AS/NZS 3000, or as specified by the luminaire manufacturer.

(d) The minimum distance from the side of luminaire to any building insulation is 0 mm.



Unit: mm

Please read this manual carefully before using the product.

1. For indoor use only.
2. Do not switch on before complete installation
3. The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements.
4. 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.
5. The luminaire shall not be covered with thermal insulation or similar material under any circumstance.
6. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person
7. The luminaire is complied with IEC 60598
8. Luminaire must not be used or stored in corrosive environment where hazardous materials such as Sulphur, Chlorine, phthalates, etc., are present.
9. This product contains a light source of energy efficiency class: C
10. The manufacturer will not take responsibility caused by improper use or self modifications of the product.



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.

Please inform yourself about the local waste disposal, separation and collection system for electrical and electronic products and packaging. Please act according to your local rules and do not dispose your old product and packaging with your normal household waste. The correct disposal of the packaging, your product and/or batteries will help prevent potential negative consequences for the environment and human health. Batteries should be disposed separately from the municipal waste stream via designated collection facilities. When disposing a product that contains non-user replaceable batteries, the non-user replaceable batteries shall be removed by a professional.