A-270/3SC and A-270/4SC replacement.

It can be done only by a competent person and after the mains interruption.

1. Remove the luminaire from the suspended ceiling (figure 3).
2. Follow step 1 of the installation instructions.
3. Disconnect the connector from the main board and remove the old capacitors pack.
4. Connect the new capacitor pack and place it in the position of the old one.
5. Refit the removed parts and power the device on.

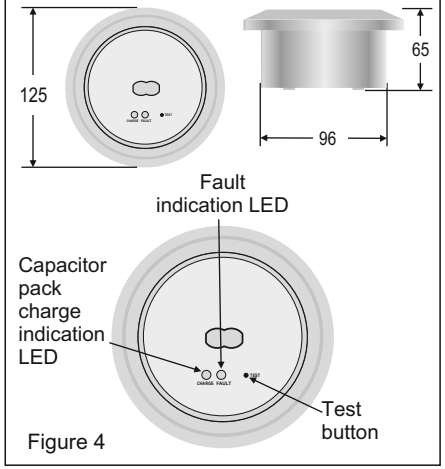
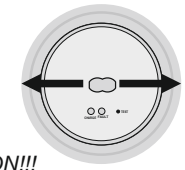


Figure 4

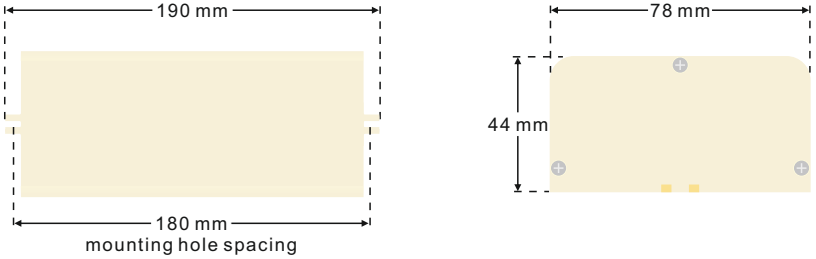
GR-270/3SC & GR-270/4SC



ATTENTION!!!
During installation follow this light direction.

GR-271/3SC & GR-271/4SC

A-270/3SC & A-270/4SC



WARRANTY

Olympia Electronics guarantees the quality, condition and operation of the goods. The period of warranty is specified in the official catalogue of Olympia Electronics and also in the technical leaflet, which accompanies each product. This warranty ceases to exist if the buyer does not follow the technical instructions included in official documents given by Olympia Electronics or if the buyer modifies the goods provided or has any repairs or re-setting done by a third party, unless Olympia Electronics has fully agreed to them in writing. Products that have been damaged can be returned to the premises of our company for repair or replacement, as long as the warranty period is valid.
Olympia Electronics reserves the right to repair or to replace the returned goods and to or not charge the buyer depending on the reason of defection. Olympia Electronics reserves the right to charge or not the buyer the transportation cost.

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SAFETY & SECURITY SYSTEMS
for a safer world!

NON MAINTAINED SPOT LIGHT
EMERGENCY LUMINAIRES WITH 1 WHITE POWER LED

CE

TECHNICAL CHARACTERISTICS *(for LED MODULE specifications see page 2)*

	GR-270/3SC	GR-271/3SC	GR-270/4SC	GR-271/4SC
OPERATION VOLTAGE	220-240V AC / 50-60Hz			
MAXIMUM POWER CONSUMPTION	2.9W / 3.4 VA			
BACK UP SOURCE	A-270/3SC		A-270/4SC	
CAPACITOR PROTECTION	From overcharge			
INDICATIONS - CONTROLS	Charge, Fault, TEST button			
CHARGE TIME	8 hours			
MINIMUM DURATION	60 minutes			
LIGHT SOURCE	1 white power LED			
EMERGENCY ILLUMINATION	70lm		90lm	
DEGREES OF COVER PROTECTION	IP20			
PRODUCED IN ACCORDANCE WITH	EN 60598-1, EN 60598-2-22, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3			
OPERATION TEMPERATURE RANGE	-30 to 50 °C			
RELATIVE HUMIDITY	Up to 95%			
CONSTRUCTION MATERIAL	ABS/PC			
EXTERNAL DIMENSION	Ø125 x 65 mm			
WEIGHT	785gr.		873gr.	
GUARANTEE	10 years			

Thank you for your trust in our products
Olympia Electronics - European manufacturer

GENERAL

These devices are used indoors (ta 50°C) in places where emergency luminaires are needed. The luminaire GR-270/SC is suitable for corridors lighting and the GR-271/SC for open area lighting. Each device must be permanently connected to mains power supply. In normal operation the capacitor is charging. In case of a mains power supply failure the device will light the illumination led automatically in emergency mode. When the mains power supply is restored the device turns to normal operation.

INSTALLATION

To install the luminaire follow the installation instructions on page 2.

MANUAL TEST

This test is carried out by pushing the test button. The light source and the emergency circuit of the device is monitored. The manual test can be conducted only if the main power supply and the capacitor pack is connected. During this test period the fault indication LED is blinking.

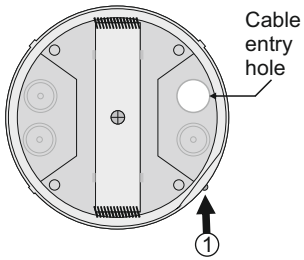
ATTENTION!!!

1. Operations for installation and maintainance must be conducted by authorized personnel only.
2. The device must be connected to the mains power supply through a fuse dependent by the total amount of the line's power load.
3. In case of capacitors pack or lamp replacement, these must be replaced by parts of the same type, by the manufacturer or by a competent person.
4. In case of inactive use for a period greater than 1 month, disconnect the capacitors pack by pulling out the capacitors pack's connector.
5. If the luminaire no longer meets the rated duration of operation, after the corresponding recharge period, the capacitors pack must be replaced.
6. **It is not allowed to discard capacitors into common trash bins, they must be discarded only in special recycling points. Do not incinerate.**

The light source contained in this luminaire shall only be replaced by the manufacturer, or his agent, or a similar qualified person.

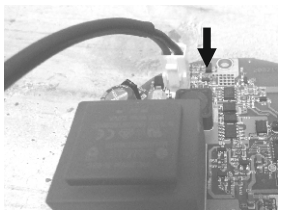
NOTE! The light source is non-user replaceable.

INSTALLATION INSTRUCTIONS



②

③



Initial installation

① Untighten the screw but do not remove it and pull up the reflector.
② Install the included gasket in to the cable entry holes *(verify that are not deformed)*. Make a hole in the center by using a small screwdriver. Pass the mains power supply round cable through the gasket. Detach the power terminal, connect the wires as shown in the picture and attach the power terminal *(10A max)*.
③ Connect the corresponding connector on the P.C.B and then place the gasket.
④ Refit the reflector (mind the correct orientation), tighten the screw securely and the luminaire is ready for mounting.

NOTE!! After finishing the installation you must power the luminaire for the required charging time in order to perform the nominal autonomy.

NOTE: LED= Light Emitting Diode
LABELING EXPLANATION:
X: Self contained
0: Non maintained **(*)**
A: Including test device
60: 1 hour duration

(*) Non Maintained operation: The luminaire lights its illumination source, only in power supply's failure.
Maintained operation: The luminaire lights its illumination source, when it is powered by the mains power supply or not.

LED MODULE CHARACTERISTICS				
	GR-270/3SC	**GR-271/3SC**	**GR-270/4SC**	**GR-271/4SC**
Manufacturer	Olympia Electronics S.A			
Model Number	0405185			
Voltage Range	2.7-2.9VDC			
Nominal Power	0.45W		0.6W	
Connections	Non reversible connection between main pcb and led module			
Temperature (tc)	45 °C max. across the board			

	Status of LEDs		
LEDs	**Description of indication**		
CHARGE	◌ Capacitor pack charging	● Capacitor pack charged	○ disconnected or defective capacitors pack
FAULT	◌ Operation check	● charger/capacitors fault	○ normal operation
Note	◌ Blinking	● constantly on	○ off

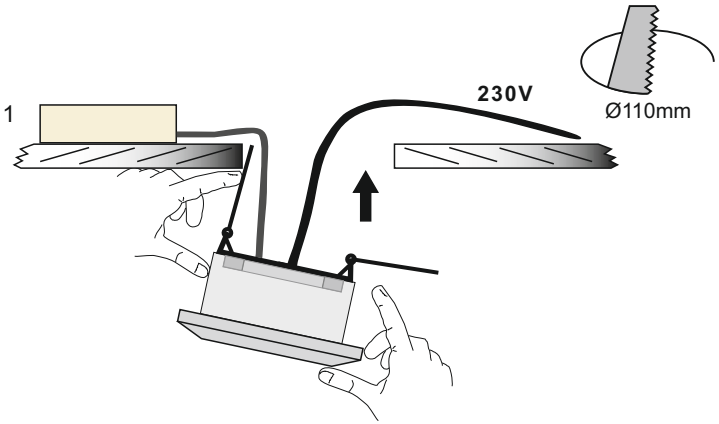
Important notice for the installed luminaires in one area !!!
The installer must connect the capacitors pack connector first and then should power the luminaire.

Mounting the lamp in suspended ceiling

Set up the lamp to the suspended ceiling as it is shown bellow *(Required opening 110mm)*:

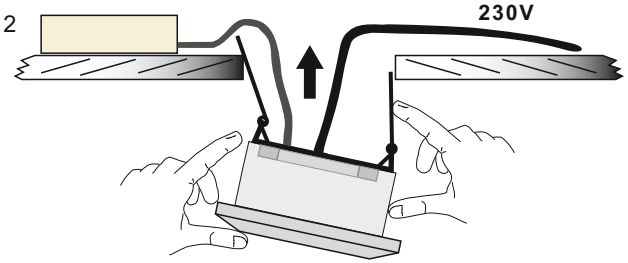
Step 1
Pass the capacitors pack into the ceiling then bend the springs, to get into the hole of the suspended ceiling, as you can see to the next figure.

Figure 1



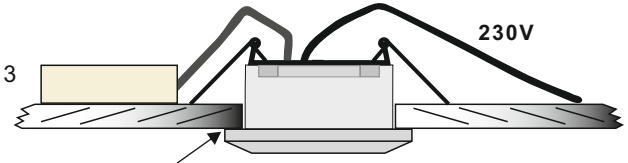
Step 2
Push up the luminaire, as shown in figure 2.

Figure 2



Step 3
Continue to push upwards until the lamp locks.

Figure 3



If you want to pull off the device, put a flat blade screwdriver, between the device and the ceiling.

NOTE: The length of the capacitors pack cable is 1 meter.

CAUTION : Do not view directly with bare eyes.