Manual Test

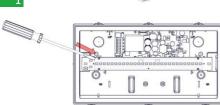




Lens Removal







Battery Replacement

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

- 1. Follow step 1 of the installation instructions and remove the diffusor.
- 2. Follow step 2 of the installation instructions and remove the reflector.
- 3. Remove the old battery and place a new one of the same type and characteristics.
- 4. Replace the removed parts (previous steps 1 and 2).

NOTE: LED= Light Emitting Diode

LABELING EXPLANATION:

X: Self contained

1: Maintained operation (*)

A: Including test device

F: Automatic test gear complying with IEC 61347-2-7 denoted EL-T

G: Internally illuminated safety sign

60: 1 hour duration

180: 3 hours duration

480: 8 hours duration

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

Non Maintained operation: The luminaire lights its illumination source, only in mains power supply's

NOTE!! The installer should fill in, on the specification label, the letter G if the luminaire is used as a safety sign.



ATTENTION!!!



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.



CAUTION: Do not view directly with bare eyes.

Technical Characteristics

		OLY-1004/LF/WP		
OPERATION VOLTAGE	220-240V AC / 50-60Hz			
MAXIMUM POWER CONSUMPTION		4.8W / 5VA		
SUPPLY CURRENT		22.3mA		
U-OUT		22V		
Prated	1h: 2W	3h: 1.1W	8h: 0.26W	
Irated	1h: 174mA	3h: 100mA	8h: 25mA	
MAX OPEN CIRCUIT VOLTAGE		22V		
WIRE CROSS SECTION		0.5mm ² - 2.5mm ²		
MINIMUM POWER FACTOR		0.91		
BATTERY (LiFePO ₄)		3.2V/2 Ah		
INSULATION BETWEEN SUPPLY & CONTROL TERMINALS		Basic insulation		
BATTERY PROTECTION	Deep discharge and overcharge protect	tion / the control gear will recharge th	e battery normally after the test of 22.3	
MIN MAX. DISCHARGE VOLTAGE		2.9-3.6V		
MIN MAX. DISCHARGE CURRENT	1h: 695-1030mA	3h: 375-425mA	8h: 110-162mA	
MIN MAX. CHARGE CURRENT		0-210mA		
MAX CHARGE VOLTAGE	3.6V			
INDICATIONS	LED Charge, Lamp Fault LED, Battery Fault LED			
CHARGE TIME	16 hours			
MINIMUM DURATION	1 h, 3 h, 8 h			
LIGHT SOURCE		28 white LEDs		
LIGHT SOURCE LUMINOUS FLUX (MAINS / EMERGENCY)	300lm / 350lm (1 h), 190lm (3 h), 50lm (8 h)			
DEGREES OF COVER PROTECTION		IP65		
PRODUCED IN ACCORDANCE WITH		-1, EN 60598-2-22, E , EN 61000-3-2, EN 6		
VIEWING DISTANCE (as safety sign)		25m		
CONTROL GEAR MAX. TEMPERATURE:tc		54 °C at U10		
OPERATION TEMPERATURE RANGE		5 to 40 °C		
RELATIVE HUMIDITY		Up to 95%		
CONSTRUCTION MATERIAL		ABS/PC, PC		
EXTERNAL DIMENSION (L x W x H)		270 x 147 x 48 mm		
WEIGHT		620gr.		
GUARANTEE		10 years		
CONTROL GEAR WITH AUTOMATIC TEST FUNCTION		EL-T		

LED Characteristics

	OLY-1004/LF/WP	
MANUFACTURER	Olympia Electronics S.A.	
MODEL NUMBER	2701205	
VOLTAGE RANGE	10-12V DC	
NOMINAL POWER	1h: 2W 3h: 1.1W 8h: 0.26W	
CONNECTIONS	Non reversible connection between main pcb and led module	
TEMPERATURE (tc)	50 °C max. across the board	

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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OLY-1004/LF/WP

WATERPROOF SELF TESTING **MAINTAINED/NON MAINTAINED EMERGENCY LUMINAIRE**













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

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Package Contents

1	Luminaire
1	Set of Pictograms
1	Mounting accessorie
1	Manual

General

These devices are used indoors and outdoors (ta 40°C) in places where emergency light is needed. Each device must be permanently connected to depending on user's choice. In case of a mains fully charged. power supply failure, the device enters emergency mode and the illumination LED turns on. When the Automatic Operational Test mains power supply is restored the device turns to This test includes all the operations that are provided normal operation.

Autonomy Duration Selection

The user can select one of the 3 available minimum Automatic Autonomy Test autonomy durations 1 hour, 3 hours and 8 hours. The selection is achieved through Switches 2 & 3 of DS1 as shown below











(default position)

8h

Technical Label Installation

Two additional labels are included in the package. one for 3 hours duration (180) and one for 8 hour duration (480). Depending on the selected duration, the installer must cover the default 1 hour (60) printing with one label that has the required duration. Please take notice of the orientation of the

Manual Operational Test

Remove the diffusor and then by pressing the test button briefly an operation test is initiated. The light source and the emergency circuit of the device are 4. In case of battery replacement, it must be tested. The manual test can be conducted only if the mains power supply and the battery are connected. During this test period the LAMP TEST LED will blink. The battery must have adequate charge. This test lasts for 3 seconds.

Manual Autonomy Test

A duration test can be conducted by pushing the button steadily for 5 to 10 seconds. In order to be performed, the mains power supply should be connected and the battery should be fully charged. The luminaire enters emergency mode, the CHARGE LED is turned OFF and the BATTERY FAULT LED starts blinking. Its duration is the stated autonomy duration

of the luminaire. If at the end of the test the autonomy is lower than the nominal, the BATTERY FAULT LED will lit and battery needs to be replaced. If the result of the mains power supply. In normal operation the battery test is good then the luminaire enters charging mode is charging. The light source can be either on or off, and the CHARGE LED starts blinking until the battery is

in Manual Operational Test and is conducted automatically every 15 days and lasts 3 seconds.

The Automatic Autonomy Test is conducted every 6 selection must be done while the luminaire is months and measures the device's back up operation disconnected from AC and battery supplies. The and emergency duration. This test includes all functions of the Manual Autonomy Test.

Lens Removal

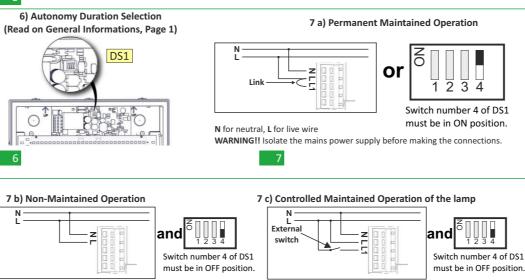
When the luminaire is used without the pictograms or the SP-1100 and you require more light output then remove the lens that covers the LEDs.

ATTENTION!!!

- 1. Operations for installation, maintainance or testing must be done by authorized personnel
- 2. Always use in any case round mains cable, with a diameter of 5-10mm (H05RN-F type 2x1mm² or any other type, at least equal to it's mechanical and electrical properties). ATTENTION!! The cable must not be deformed in any way (This requirement is important to ensure the IP rating).
- 3. The device must be connected to the mains power supply through a circuit breaker that is depends on the total line's power load.
- replaced by the same type, by the manufacturer or a competent person.
- 5. In case of inactive use for a period greater than 2 months, disconnect the battery by pulling out the battery's connector.
- 6. It is not allowed to discard batteries into common trash bins, they must be discarded only in battery recycling points. Do not

Installation Instructions

Drill one of the 5 available holes with a 16-18mm drill bit. Install the included rubber gasket and pass through the power cables. Install the included tie (if needed) to fasten and securely the power cables.



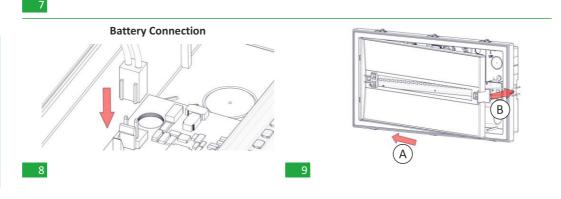
Indications LED Status

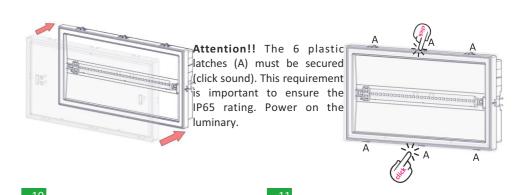
Ø Ø O Ø Charging Fully charged Battery fault or emergency mode Ø Ø Operational test Ø Ø Operational failed Ø Ø Autonomy test Ø Duration fault	CHARGE (green)	FAULT (red)	FAULT (yellow)	Description
 Ø Autonomy test 		Ø	Ø	Charging
emergency mode orange emergency mode Operational test Operational failed Autonomy test	•	Ø	Ø	Fully charged
Ø Ø Ø Operational failed Ø Ø Autonomy test	0	Ø	Ø	
Ø Ø Autonomy test	Ø		Ø	Operational test
, , , , , , , , , , , , , , , , , , ,	Ø	•	Ø	Operational failed
Ø Ø • Duration fault	Ø	Ø		Autonomy test
	Ø	Ø		Duration fault

Note:

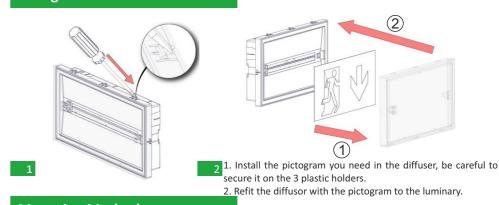
•	Permanently ON
0	Blink
0	Off
Ø	Indifferent

N for neutral, L for live wire WARNING!! Isolate the mains power supply before making the connections.



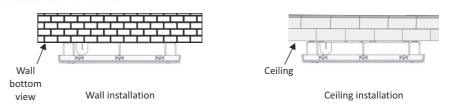


Pictogram Installation



Mounting Methods

Oly luminaires can be surface mounted on walls or ceilings. For these mounted installations, special accessories are included.



Extra Mounting Methods *

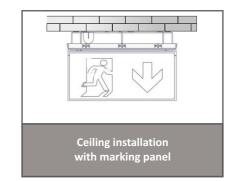
* ATTENTION!!! The below mounting methods can be done after request of the necessary mounting accessories!!

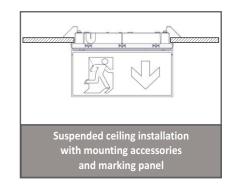
Suspended installation with A-3018 accessory

The luminary can be installed in a suspended



A marking panel (SP-1100) can be installed on the luminary pointing the desired direction.





After finishing the installation you must power the luminaire for at least 24 hours in order to completely charge the battery. The rated autonomy duration can be achieved after that time.