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INSTALLATION INSTRUCTIONS

Universal Gear Tray

- E02G01AC** Universal Retrofit Power CCT Switchable LED Gear Tray
- E02G01AC1** Universal Retrofit Power CCT Switchable Emergency LED Gear Tray
- E02G01AC2** Universal Retrofit Power CCT Switchable On/Off Microwave LED Gear Tray
- E02G01AC3** Universal Retrofit Power CCT Switchable Emergency Microwave LED Gear Tray
- E02G01AC4** Universal Retrofit Power CCT Switchable Step Dim LED Gear Tray
- E02G01AC5** Universal Retrofit Power CCT Switchable Emergency Step Dim LED Gear Tray

LED LAMP SPECIFICATIONS:	8W	14W	16W
Luminaire lumens	1300 lm	2100 lm	2400 lm
Colour temperature	2700K / 3000K / 4000K / 5000K / 6000K		
Nominal life time of the lamp	50,000 hrs		
Number of switching cycles before premature lamp failure	>25,000		
Dimmable	No		
Displacement factor	0.7		
Lumen maintenance factor at end of nominal life	0.8		
Colour rendering	80		
Colour consistency	<6 SDCM		
Rated peak intensity	532 cd	848 cd	966 cd
Voltage / Frequency	220-240V~50Hz		
This product contains a Light Source of Energy Efficiency Class D			
Not suitable for accent lighting			
Reference control setting 16W 4000K			

EVENTUALLY, YOU MAY WANT TO REPLACE THIS PRODUCT:

Regulations require the recycling of Waste from Electrical and Electronic Equipment (European "WEEE Directive" effective August 2005—UK WEEE Regulations effective February 2014). Environment Agency Registered Producer: WEE/GA0248QZ.

When your product comes to the end of its life or you choose to replace it, please recycle it where facilities exist – do not dispose with household waste.

CLEANING:

Clean this fitting only with a soft dry cloth.

Do not use any chemical or abrasive cleaners.

IF YOU EXPERIENCE PROBLEMS:

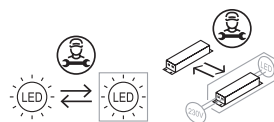
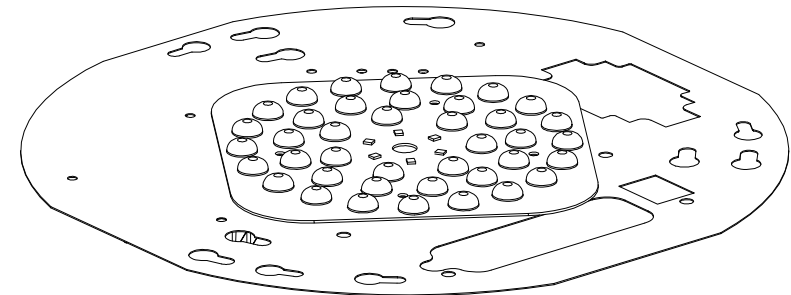
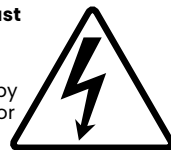
If you believe your product is defective, please return it to the place where you bought it. Our Technical Team will gladly advise on any Eterna Lighting product, but may not be able to give specific instructions regarding individual installations.

LAMP REPLACEMENT:

CAUTION, RISK OF ELECTRIC SHOCK

The light source is designed to last the lifetime of the luminaire.

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



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Issue 0525

Made in China

Pack contents: 1x LED gear tray

A guide for qualified electricians

READ THIS FIRST:

Check the pack and make sure you have all of the parts listed on the front of this booklet. If not, contact the outlet where you bought this product.

This product must be installed by a competent person in accordance with the current building and IEE wiring regulations.

As the buyer, installer and/or user of this product it is your own responsibility to ensure that this fitting is fit for the purpose for which you have intended it. Eterna Lighting cannot accept any liability for loss, damage or premature failure resulting from inappropriate use.

This product is designed and constructed according to the principles of the appropriate British Standard. Using this fitting in an environment where there are prolonged periods of use or higher than normal ambient temperatures may result in a shortened working life

Switch off the mains before commencing installation and remove the appropriate circuit fuse or lock off MCB.

This product is designed for permanent connection to fixed wiring: this must be a suitable circuit (protected with the appropriate MCB or fuse).

Make sure that the fixings are strong enough to support the weight of the fitting and hold it securely.

When working at heights ensure you use a suitable platform.

When making connections ensure that the terminals are tightened securely and that no strands of wire protrude. Check that the terminals are tightened onto the bared conductors and not onto any insulation.

You are advised at every stage of your installation to double-check any electrical connections you have made. After you have completed your installation there are electrical tests that should be carried out, these tests are specified in the current IEE wiring and building regulations. If in doubt, consult a qualified electrician.

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MICROWAVE VERSION:

DETECTION RANGE: This determines the effective range of the motion detector and is set up by DIP switches at the sensor itself, refer to figure. Note that reducing the sensitivity will also narrow the detection range.

	1	2	3	
I	ON	ON	ON	100%
II	-	ON	ON	75%
III	ON	-	ON	50%
IV	-	-	ON	25%
V	-	-	-	10%



This determines the time the fitting remains at 100% level on motion detection and is set with DIP switches at the sensor itself, refer to figure. The walk test setting is useful when installing the fitting to establish correct operation and range.

	4	5	6	
I	ON	ON	ON	5s
II	-	ON	ON	30s
III	ON	-	ON	90s
IV	-	-	ON	3 mins
V	ON	ON	-	20 mins
VI	-	-	-	30 mins



DAYLIGHT SENSOR: This setting holds off the 100% light output should there be sufficient daylight and is set using DIP switches at the sensor, refer to figure. *If the daylight sensor is disabled the sensor will turn on light once motion is detected regardless of ambient light level.

	7	8	9	
I	ON	ON	ON	2Lux
II	ON	ON	-	10Lux
III	-	ON	-	25Lux
IV	ON	-	-	50Lux
V	-	-	-	Disable*



1

Turn off mains power and ensure supply is isolated

2

Ensure there is sufficient space for the new gear tray prior to installation

Remove the existing gear tray

Ensure there sufficient cable length for the new gear tray

3

Make the connections from the mains cable to the push fit terminal block

4

Select colour temperature and wattage preferences by adjusting the switches on the driver

6K/5K/4K/3K/2.7K

16W/14W/8W

5

Emergency Versions:
To connect the battery lift array
To adjust to Self-Test move dip switch to 'I'
EM Pack info – E02U01ES

EM Product Labels
provided to suit
Standard or Self-Test

E02U01ES
This luminaire has been converted to standard emergency
220-240VAC 50/60Hz
3.2V 2000mAh LiFePO4 Battery
www.eterna-lighting.co.uk
WW/YY

TYPE	MODE	FACILITIES	DURATION
X	1		180

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6

Secure the gear tray to the bulkhead base, use the existing mounting posts and screws

7

Replace front cover and turn on mains supply