

Signal Tower
Type : LU7-XE
INSTALLATION MANUAL

Notice to Customer

Notice to Contractor

Thank you very much for purchasing our PATLITE product.

- Request the installation and wiring be performed by a professional contractor if construction work is involved.
- Prior to installation, read this manual thoroughly before using this product to ensure correct use.
- After reviewing this manual, if there are any questions regarding this product, please contact the nearest PATLITE office listed on the back cover of this manual.
- Read this manual carefully prior to installation.
- Be sure to return this manual to the customer.

Safety Precautions

In order to prevent any damage to the user and other personnel or to assets, note the following:

- The following symbols classifies the following precautions into two categories and explains the level of harm inflicted when caution is disregarded while using this product.

⚠ WARNING

Indicates an immediately dangerous condition: failure to follow the instructions may lead to death or serious injury.

⚠ CAUTION

Indicates a potentially dangerous condition: failure to follow the instructions may lead to slight injury or property damage.

1 Safety Precautions

Safety Precautions

⚠ WARNING

- Make sure the power is off before wiring, repairing, or replacing parts to avoid a short-circuit, electric shock, or burns.
- Use this product in a properly maintained condition.
(If parts such as the Body or LED STROBE Unit are damaged, they should be repaired.)
- Do not use this product with the lens damaged or removed, or without the head cover in order to avoid an electric shock.
- If installing this product requires construction work, please ask a specialist in order to avoid electric shock, fire, or personal injury.
- When this product is used for security purposes, it should be inspected daily. In case a malfunction should occur, it is recommended that you use this product together with other security products.
- Do not use this product to support your weight while climbing onto a machine. Mount the product so that it is clear of any moving parts - such as a machine cover.

⚠ CAUTION

- This LED STROBE Unit is suitable only for the Base Unit Model LU7-02(FB). It does not work with BASE Unit Model LU7-M2(FB).
- This LED STROBE Unit should be operated in the Continuous Lighting mode. If it is operated in the Flashing mode, it will not operate correctly.
- Do not substitute parts from other products as this may cause a malfunction.
- This product is for indoor use only. (Do not use it outdoors.)
- Do not use the LU7 product without the LED STROBE Unit, LED Unit or Head Cover installed.

2 Model Number Configuration

LU7-XE-□

Luminous Color


R:Red
Y:Amber
G:Green
B:Blue
C:White

3 Parts Names and Outer Appearance

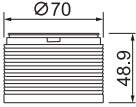
Parts Name

Dimensions

<LED STROBE Unit>



※Refer to "4. Assembling Unit" to assemble Unit.



Ø70
48.9

(Unit:mm)

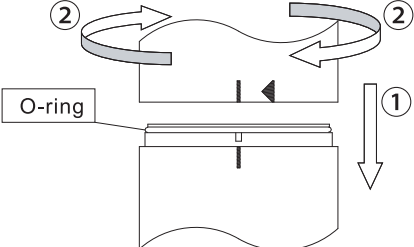
4 Assembling Unit

⚠ CAUTION

- Make sure the power is off before assembling, wiring, repairing, or replacing parts to avoid a short-circuit, electric shock, or burns.
- Do not remove the LED STROBE Unit forcibly as it may damage the unit.
- Handle the LED STROBE Unit carefully to avoid warping or damage when changing their positions on the tower.
- Make sure the O-ring is mounted in position first on the lower unit as shown in Fig.1, before placing the upper unit onto the lower unit.

Assembling Unit

- Turn the power off before assembling Unit.
- First make sure the O-ring is mounted as shown in Fig.1, then align the locating mark of each unit, and place the units together in the direction of the arrow (①) as shown.
- Rotate the upper unit in the direction of the arrow(②) to lock it into place. (Refer to Fig.2)



②

①

O-ring

Fig.1

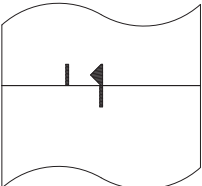


Fig.2

5 Specifications

[LED STROBE Unit]

Model	Rated Voltage	Peak Power Consumption	Mass	
LU7-XE-R	24V DC	10.5W	70g	
LU7-XE-Y				
LU7-XE-G		6.0W		
LU7-XE-B		10.0W		
LU7-XE-C				