



# LETP

## LED ELEVATED RUNWAY TURNING PAD



### COMPLIANCES

ICAO: Annex 14 - Volume I par. 5.3.18.8  
IEC: TS 61827

### APPLICATIONS

Elevated runway turning pad edge for ICAO turning pads.

### BENEFITS

- 60000 hours LED rated life at full intensity, but over 100000 hours in field operating conditions
- In new installation, LED lights mean lower loads, lower size of CCRs and transformers, thus low life cycle costs
- Colour emitted directly by LEDs: absence of coloured lenses ensures no energy losses and no colour shifts
- Fully compatible with existing AFL infrastructure
- Designed with simplicity allowing longer maintenance intervals and fewer spare parts
- Customized lens gasket to avoid the use of sealing
- No optical adjustment after LED module or lens replacement
- Operating with any typology of CCRs designed in compliance with IEC or FAA requirements

### PERFORMANCES

- Omnidirectional blue LED light, 50/60 Hz
- Maximum and constant output brilliance at each step of current. Compatible with other existing circuits
- The electronic is strong-built and highly resistant to shock and vibration
- Lightweight and sturdy due to aluminium die-castings
- Powder coating surface finishing to provide good corrosion resistance
- Body balanced on the slipfitter for proper levelling by means of three screws
- High jet blast resistance, up to 480 km/h
- Temperature range: -55°C to +55°C

### INSTALLATION

- The fixture can be installed on pipe elbow or baseplate
- Specific tools available for easy and precise installation

### PHOTOMETRIC PERFORMANCES

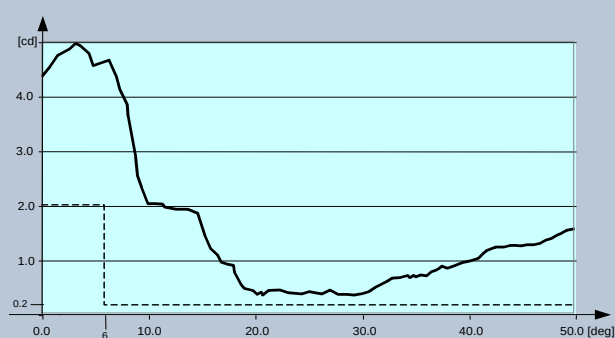
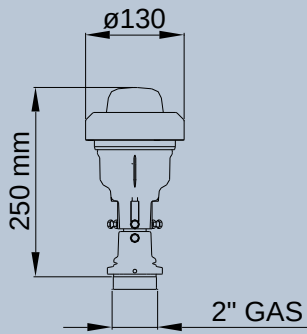


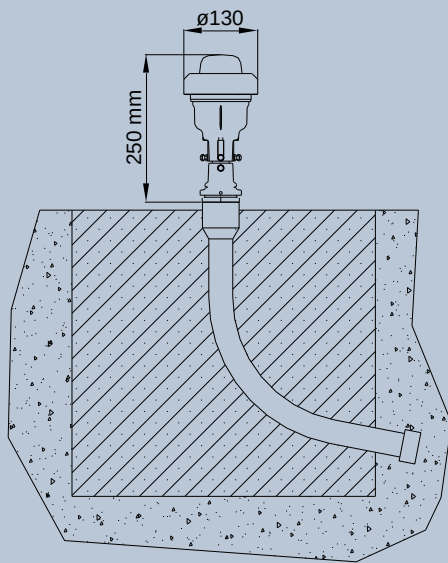
Fig. 1 ICAO, Annex 14-Volume I par. 5.3.18.8

### TABLE

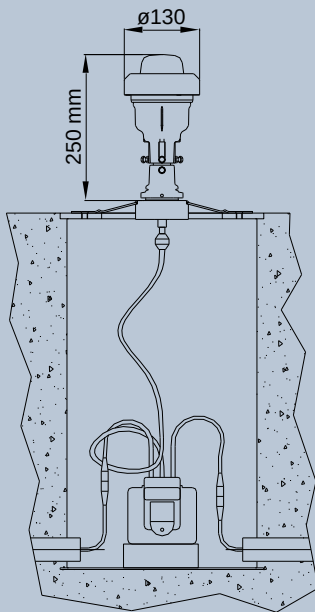
| POWER CONSUMPTION |        |
|-------------------|--------|
| Electrical System | 1 Plug |
| Omnidirectional   | 9 VA   |



Overall Dimensions



Pipe Elbow



FAA L-867 Deep Base and Base Plate

LETP - I - 25 - A - 0

Basic P/N: \_\_\_\_\_

Compliance: \_\_\_\_\_

I = ICAO

Height: \_\_\_\_\_

25 = 250 mm

Breakable Coupling: \_\_\_\_\_

A = 1"1/2 – 12 UNF

B = 2" – 11 1/2 NPS

C = 2" GAS

Monitoring: \_\_\_\_\_

0 = Without Monitoring

**RENEWAL PARTS FOR LIGHT UNIT**

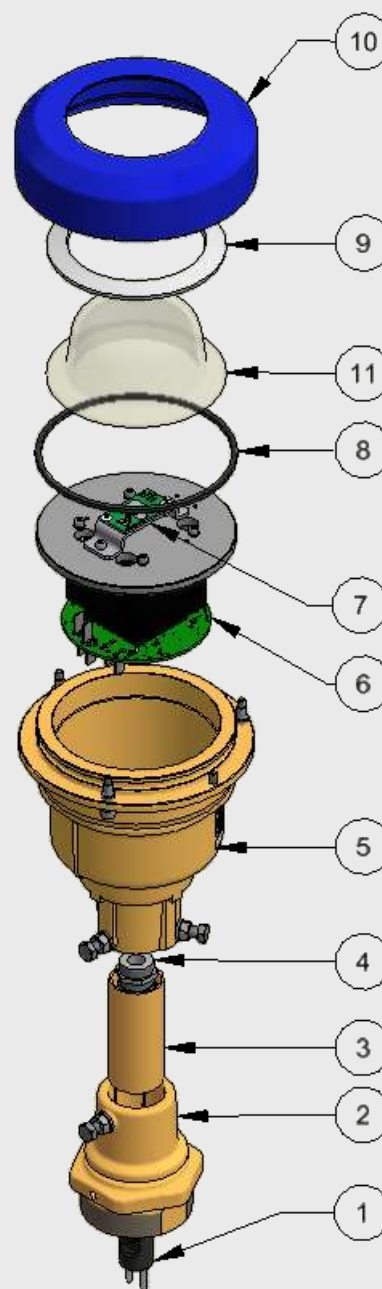
- 1 FAA L-823 plug
- 2 Breakable coupling, 2 inches
- 3 Standard 1-inch tube
- 4 Cable gland
- 5 Body with slipfitter
- 6 Electronic
- 7 LED module with accessories
- 8 O-Ring
- 9 Gasket for lens
- 10 Lens locking ring
- 11 Lens

Refer to the relevant technical manual for the complete list of the available spare parts

**ACCESSORIES**

- |          |                                                                               |
|----------|-------------------------------------------------------------------------------|
| 013.0008 | Galvanized steel pipe elbow with upper threaded end only (2" - 11 GAS thread) |
| 315.3210 | Galvanized steel pipe elbow with both threaded ends (2" - 11 GAS thread)      |
| 013.0010 | Set of two ryton rings for receptacle support inside pipe elbow               |
| 315.1228 | Base L-867, Class IA, Size B, 24" Deep                                        |
| 315.1062 | Baseplate for L-867 base with gasket and cable clamp (2" - 11 GAS thread)     |
| 315.1063 | Baseplate for L-867 base with gasket and cable clamp (2" - 11 1/2 NPS thread) |
| 315.1082 | Baseplate for L-867 base with gasket and cable clamp (1 1/2 - 12 UNF thread)  |
| 332.3500 | Levelling device                                                              |

For any information about isolating transformers and connectors, please see the specific catalogue pages

**Shipping Weights and Volumes**

|                          | Light Unit |
|--------------------------|------------|
| Weight (kg)              | 1.6        |
| Volume (m <sup>3</sup> ) | 0.005      |

We reserve the right to change the design or specification data without notice

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