

# **SLTH**

# **INSET THRESHOLD LIGHT**



#### **COMPLIANCES**

ICAO: Annex 14 - Volume I Fig. A2-3 FAA: L-850E AC150/5345-46

**IEC:** TS 61827 **NATO:** STANAG 3316

**CAA:** CAP 168 **IAAE:** TP312

#### **APPLICATIONS**

Threshold for ICAO CAT I,II and III, FAA and military runways

## **BENEFITS**

- 1000 hours lamp rated life at full intensity, but over 3000 hours in field operating conditions
- Significant energy saving and stable chromaticity thanks to the use of dichroic filters
- Designed and manufactured with simplicity and easy to maintain
- No use of sealant to fix the prisms in the dome thanks to customized gaskets, making their replacement quick and easy
- No optical adjustment after lamp, filter or prism replacement
- Valve for watertightness test after overhaul
- Dome temperature less than 160°C at 6.6A

#### **PERFORMANCES**

- 12.7 mm protrusion
- Unidirectional, 12" dia.
- Cast aluminium dome and lower cover make the fitting sturdy, but lightweight too for ease handling in the field
- The optical channels in front of the prism windows protect the prisms from damages, preventing rubber deposits, scratches and shocks, thereby maintaining an optimal light output and reducing maintenance costs
- O-Ring placed outside the dome to avoid dirt deposits between light and base
- Protection degree: IP67
- Temperature range: -55°C to +55°C

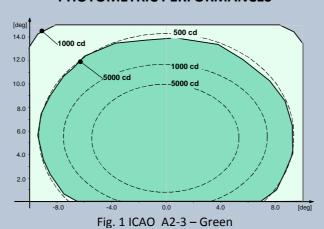
#### **INSTALLATION**

- Suitable for 12" dia. bases
- Specific tools available for easy and precise installation



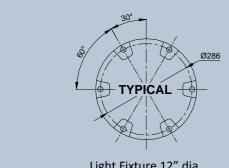


#### **PHOTOMETRIC PERFORMANCES**

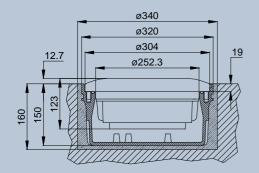




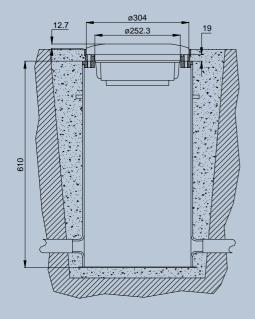




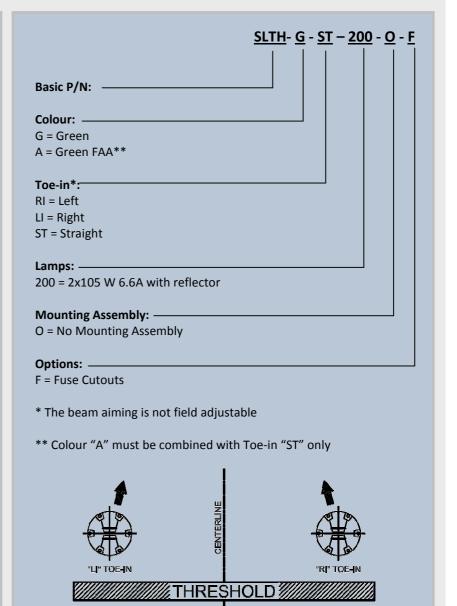
Light Fixture 12" dia.



Shallow Base 12" dia.



L-868 Deep Base 12" dia.



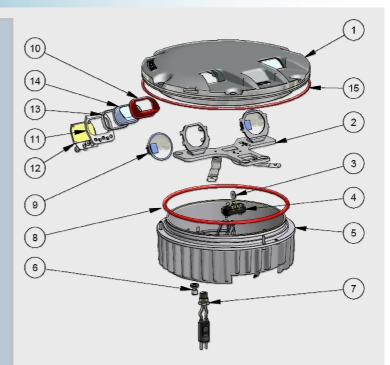




### **RENEWAL PARTS FOR LIGHT UNIT**

- 1 Dome with prisms and gaskets
- 2 Lamp supporting plate
- 3 Fuse cutout
- 4 Insulated strip with hardware
- 5 Lower cover with plug and valve
- 6 Valve for waterthightness test
- 7 FAA L-823 plug
- 8 O-Ring for lower cover
- 9 Lamp
- 10 Prism gasket
- 11 Mounting plate
- 12 Filter
- 13 Nylon gasket
- 14 Prism
- 15 O-Ring for dome

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



# **ACCESSORIES**

315.1230	Base L-868 type, class IA, size B, 24" deep *
315.1420	Flange ring with pavement dam for L-868
	base, size B, with O-Ring and bolts
152.8110	Shallow base, 12" dia., one cable lead, with
	gasket and hardware
712.1012	Setting material for shallow base, 5 lt
712.1013	Setting material for shallow base, 20 lt
332.4301	Positioning jig for 8"-12" dia. shallow base,
	without optical device
332.4351	Optical device for positioning jig to allow a
	very precise light unit orientation
332.4330	Watertight/shockproof plastic case complete
	with positioning jig for base and optical device
332.4140	Lifting tool (2 pieces to work properly)

\* Sectional bases may be required depending upon the paving technique

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

Shipping Weights and Volumes			
	Light Unit	Shallow base	
Weight (kg)	7.5	7.3	
Volume (m³)	0.022	0.022	

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

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