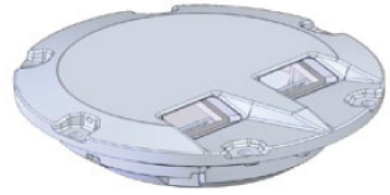


APPROACH LIGHTING

IL 868D-APH

LED Inset Approach Centerline Light 12"



Compliance with Standards

ICAO Annex 14, Vol. I

IEC TS 61827

FAA EB 67D

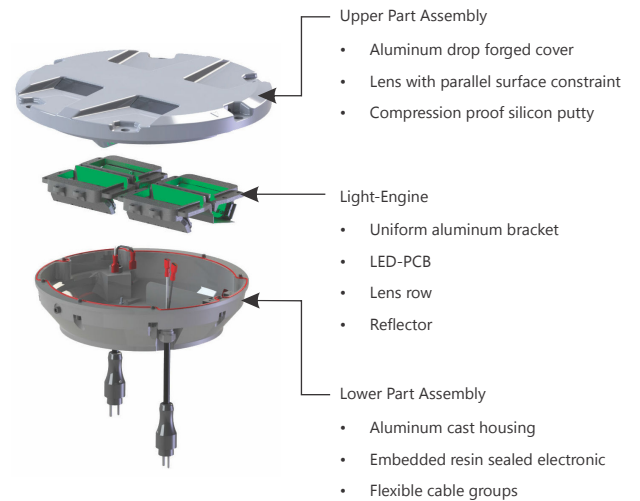
Uses

Inset LED light used for approach centerline and cross bar up to CAT III operations.

Features

- Robust aluminum drop-forged housing
- Watertight compression proof silicon putty (Protection Class IP 68)
- Smooth fat design – FAA Style 3 (12.7 mm)
- Low outlet light slope of 25°
- Large light outlet area > 2 × 1'200 mm²
- Interchangeable product concept
- Same lens for all variants
- Secure fail-open function (external reset)
- Remote brightness parameterisation
- Auto current select (2.2 / 6.6 A)
- Integrated power factor correction (PFC)
- Power factor > 0.9
- Wattage range > 56 W
- Nominal lifetime > 50'000 hours
- Temperature range -40° to +85°C

Modular Design



Packing Data

Article	Weight	Dimensions
IL 868D	6.9 kg	310 × 310 × 130 mm

Replacement parts

- Upper part assembly
- Light-Engine
- Lower part assembly (without cables)
- Cable with plug
- O-ring seal and screw kit (for 20 fixtures)

* All parts come with corresponding seals, spacers and screws.

APPROACH LIGHTING

IL 868D-APH

Photometric Data & Power Consumption

ERNI	Beam shape	Colour	Performance (Typical Data)			
			Power consumption per beam 6.6 A / 2.2 A	Main Beam		Secondary Beam
				Average Intensity	Minimum Intensity	Minimum Intensity
IL 868D	APH	White	56 W / 53 W	21'200 cd	10'800 cd	4'100 cd

Note: Detailed ISO/cd distribution chart is available upon request.

Electrical Data

2.2 / 6.6 A with appropriate isolating transformer.

Installation

a) 12" Shallow base, bottom or side entry. (Fig.1)

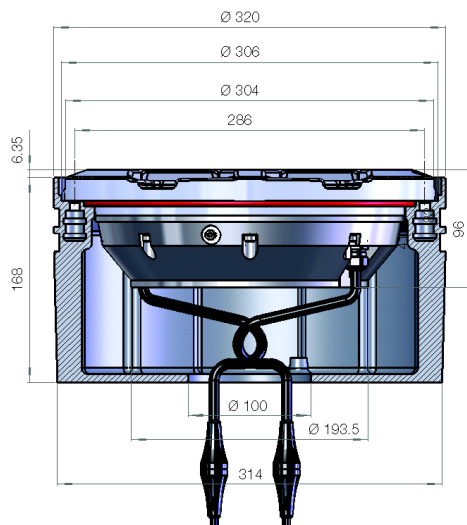


Figure 1 - shallow base can

b) 12" Deep base can with transformer installed. (Fig.2)

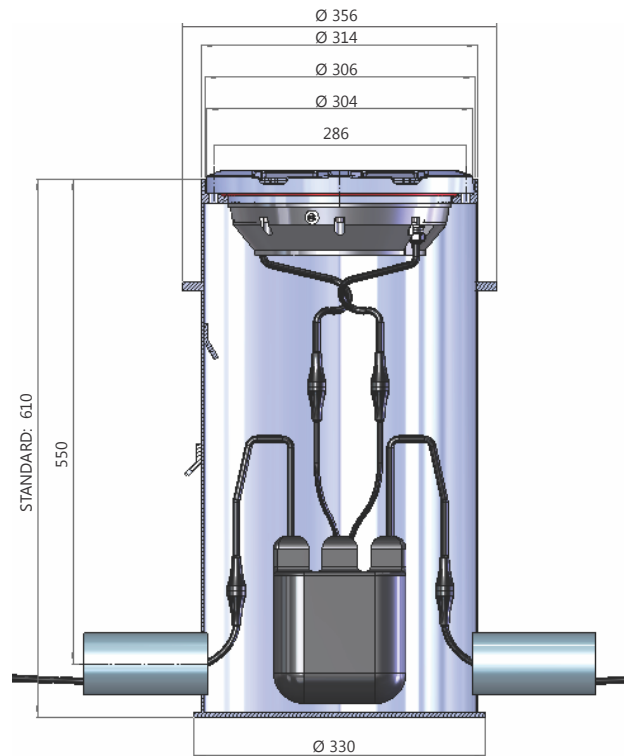


Figure 2 - standard base can

Note: Tightening torque range for all screws 25-30 Nm.

Ordering Code

IL86 X D - XXX - X - fo - X

Direction

8 = Uni-directional 1/2" propulsion

Light Type

D = LED light source

Use

APH = Approach Side Row

CCR Operation

2.2 / 6.6 A *

2.2 A = 1.0 / 2.2 A

6.6 A = 2.8 / 6.6 A

Fail State

fo = fail open

Color

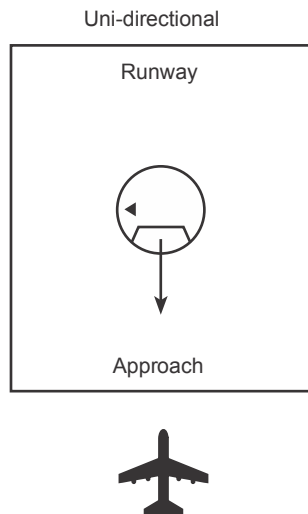
W = white

* 1.8 / 6.6 A for military use.

Accessories

- O-Ring and Screw Kit (set for 20 fixtures)
- 12" Shallow base with bottom or side entry
- 12" Deep base can
- 12" / 8" Snow plow ring
- Individual lamp control unit (SCROLL)
- Isolation transformers:
 - according to FAA AC 150 / 5345-47
 - available power ranges from 15 to 523 W

Note: All parts come with corresponding seals, spacers and screws.



Part Number	Order Code
868.001	IL 868D – APH – 2.2/ 6.6 A - fo - w