

LED technology

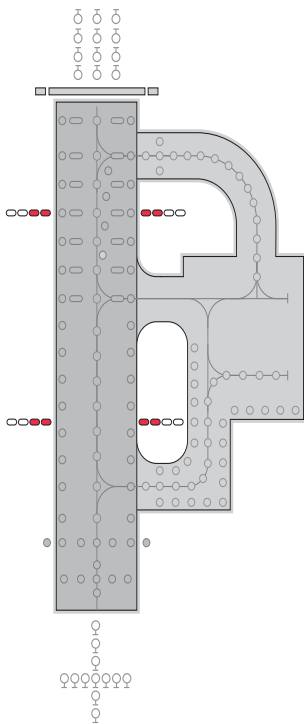


# IR880L

LED Precision Approach Path Indicator lighting solution

## Applications

Precision Approach Path Indicator (PAPI)



## Compliant with Latest International Standards\*

- ▶ CASA MOS Part 139
- ▶ ICAO Annex 14. Vol 1
- ▶ FAA AC 150/5345-28
- ▶ FAA Engineering Brief No. 67
- ▶ IEC 61827
- ▶ EASA
- ▶ Stannag 3316 (NATO)

\* As applicable to the application, compliance with other civil aviation and military regulations confirmed on request

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## Electrical Performance

Main Beam Aperture		Colour	Typical Power Consumption - Watts (VA) @ 6.6A				
Horiz(°)	Vert(°)		Per Beam Watts	Fitting* Watts (VA)	PF	Tx Primary** Watts (VA)	PF
-10° to +10°	-4° to +4°	White/Red	54W	216 (216)	0.99	220 (225)	0.98

Fixture Operational Current Range: 2.6 to 6.7A RMS

\* as measured at the input leads of the fixture.

\*\* as measured across the primary winding of an appropriately sized isolation transformer with a total fixture and transformer secondary length not exceeding - 1.85m (72"). CCR shall be suitably sized for the indicated transformer VA for the relevant isolating transformer utilised.

Notes: Isolating transformer shall be suitably sized to accommodate specific secondary and other applicable losses.

## Environmental Conditions

- ▶ Ambient Temperature -55°C to +55°C (-67°F to +131°F)
- ▶ Storage Temperature -55°C to +80°C (-67°F to +176°F)
- ▶ Ingress Protection > IP55

## Photometry

### Specification

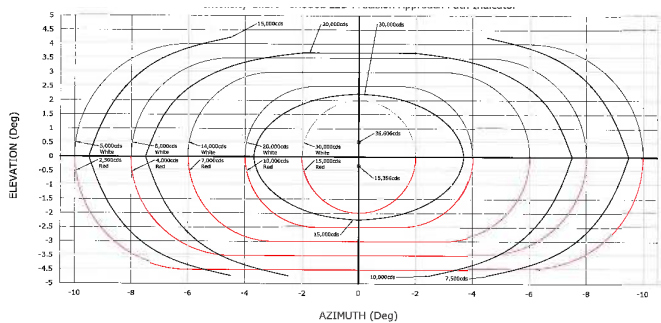
#### Precision Approach Path Indicator Fig A2-23

Colour	Red
Main lower circle minimum intensity	15,000 cds
Colour	White
Main upper circle intensity range	30,000 to 97,000 cds

### Typical Measured Values

Colour	Red
Main lower circle minimum intensity	15,649 cds
Colour	White
Main upper circle intensity range	34,507 cds

Intensity Chart - LED Precision Approach Path Indicator. Red/White



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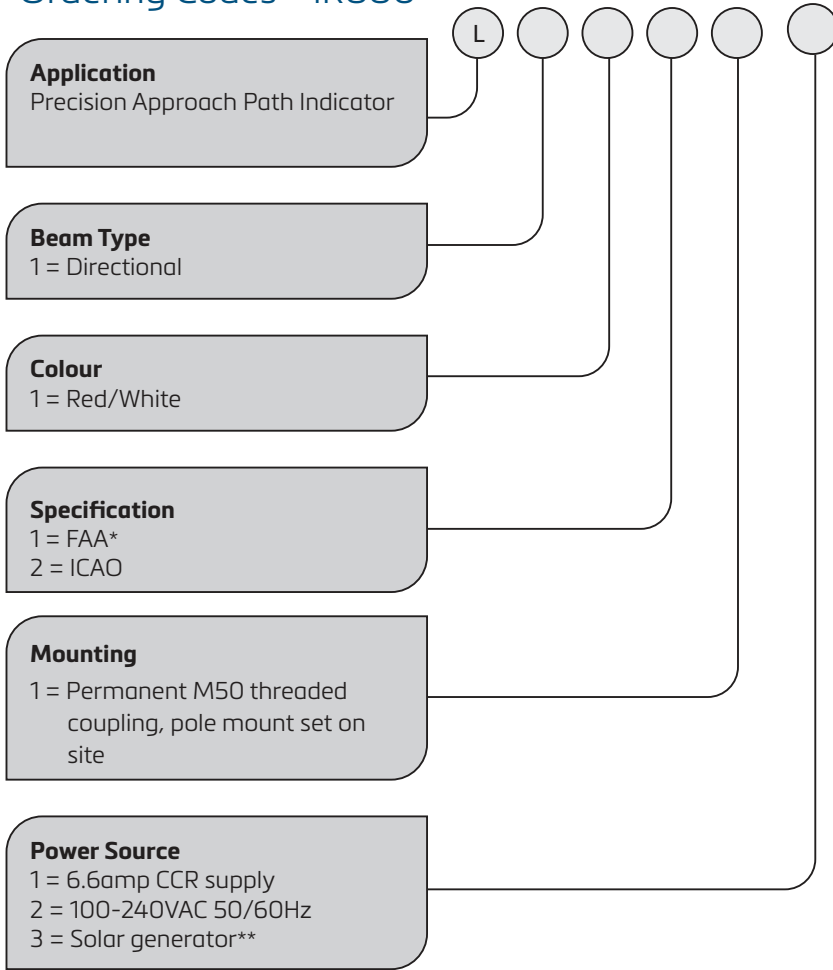
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## Ordering Codes IR880



\* FAA specification includes tilt switch as standard

\*\*For solar and portable options additional information and options are available

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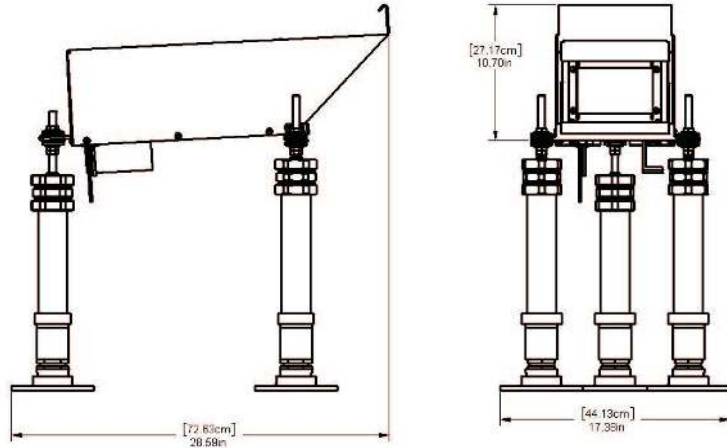
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## Dimensions



## Packaging

- ▶ Net weight 8kg
- ▶ Gross weight 12.0kg (boxed)
- ▶ Box 750mm (L) x 500mm (W) x 400mm (H)



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