

Tungsten halogen technology



# ZA482

## Runway end

High intensity unidirectional inset fitting

### Applications

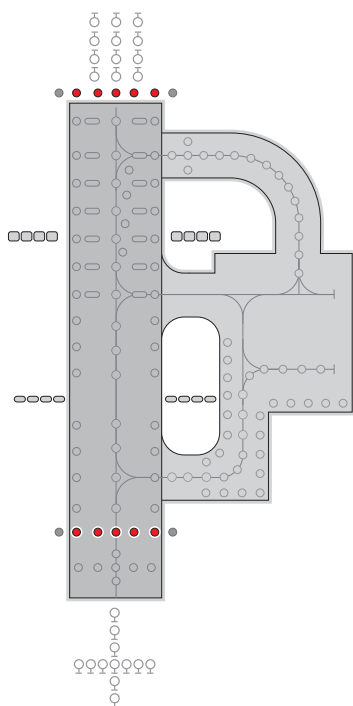
CAT I/II/III all weather operation airfield ground lighting (agl) systems.

### Certified to Latest International Standards\*

- ▶ ICAO Annex 14. Vol 1
- ▶ FAA AC150 5345 46†
- ▶ IEC61827
- ▶ EASA Stannag 3316 (NATO)

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

† Electrical/Mechanical/Environmental characteristics only



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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
-6 to +6	0.25 to 4.75	RED	105	30.9 (31.0)	0.99	115	0.99

Fixture Operational Current Range: 2.7 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").

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

For Bi-directional twin lead option use unidirectional electrical performance for each direction.

Threshold available in toe-in left, toe-in right and axial.

## Environmental Conditions

- ▶ Ambient Temperature -55 °C to +55°C (-67 °F to +131°F)
- ▶ Storage Temperature -55 °C to +55°C (-67 °F to +131°F)
- ▶ Ingress Protection IP67

## Photometry

### Specification

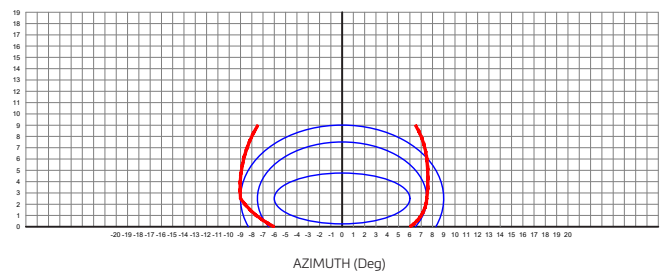
#### Runway End ICAO Fig. A2-8

Colour	Red
Max/Min Intensity ratio	<3.0
Main ellipse average intensity	2500cdfs
Main ellipse minimum intensity	1250cdfs
Second ellipse minimum intensity	250cdfs
Third ellipse minimum intensity	125cdfs

### Typical Measured Values

Colour	Red
Max/Min Intensity ratio	2.3
Main ellipse average intensity	2705cdfs
Main ellipse minimum intensity	1852cdfs

Intensity Chart - Runway End Luminaire - Red

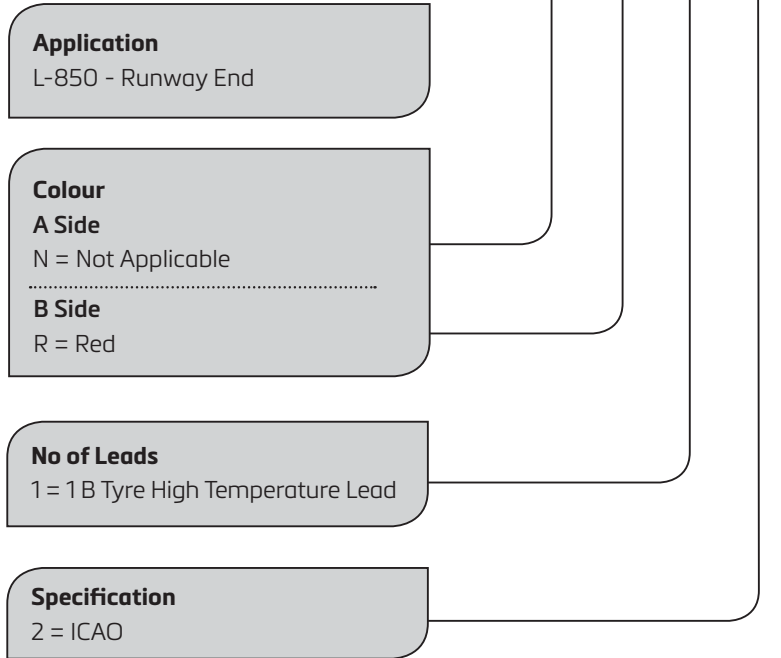


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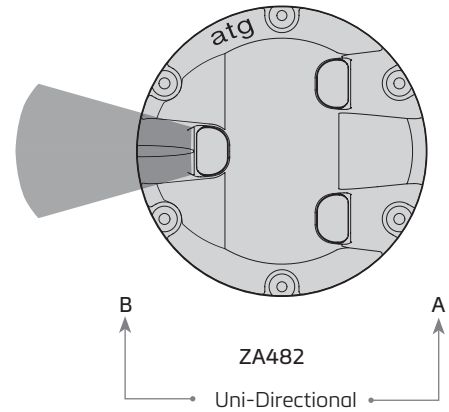
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Ordering Codes ZA482



## Beam Options



Additional optional features are available upon request

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## Dimensions



## Packaging

- ▶ Net weight 9.3Kg
- ▶ Gross weight 10kg (boxed)
- ▶ Box 50mm (L) x 330mm (W) x 330mm (H)

\*Dimensions are nominal

Consultants specification and installation information for the ZA range is available by request.  
Contact [marketing@atgairports](mailto:marketing@atgairports) for further details.

atg airports reserve the right to change technical data and details at any point in time. Errors may have occurred



**Head Office:**

**atg airports ltd**

Lowton Business Park | Newton Road

Lowton St. Mary's | Warrington

WA3 2AP | United Kingdom



UK: +44 (0) 1942 68 5555 | USA: 001 (239) 985-9406

[www.atgairports.com](http://www.atgairports.com) | [enquiries@atgairports.com](mailto:enquiries@atgairports.com) | [sales-usa@atgairports.com](mailto:sales-usa@atgairports.com)

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