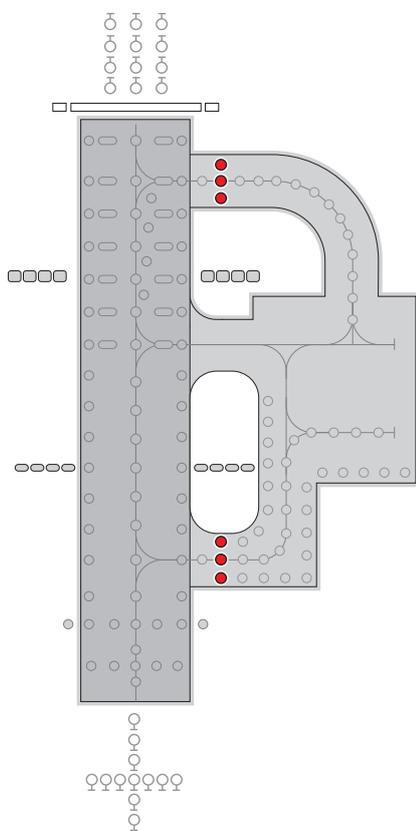


Tungsten halogen



ZA280SO

8" taxiway stopbar, straight sections (offset beam), high intensity lighting solutions



Applications

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

Compliant with Latest International Standards*

- ▶ ICAO Annex 14. Vol 1
- ▶ FAA AC 150/5345-46†
- ▶ IEC 61827
- ▶ 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	Power Consumption Watts (VA) @ 6.6A
Horiz(°)	Vert(°)		
-10 to +10	1 to 8	RED/BLK	105W
-10 to +10	1 to 8	RED/RED	105W

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.

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

Photometry

Specification

Taxiway stopbar - straight (offset) ICAO Fig. A2-12

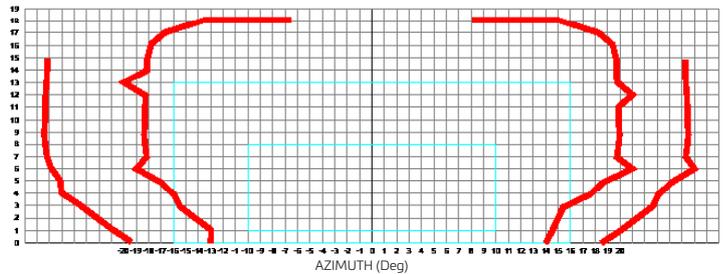
Colour	Red
Max/Min Intensity Ratio	<3.0
Main rect. average intensity	200 cds
Main rect. minimum intensity	100 cds
Second rect. minimum intensity	20 cds

Typical Measured Values

Taxiway stopbar - straight (offset) ICAO Fig. A2-12

Colour	Red
Max/Min Intensity Ratio	2.3
Main rect. average intensity	452 cds
Main rect. maximum intensity (A)	563 cds
Main rect. minimum intensity (B)	245 cds
Second rect. minimum intensity	115 cds

Intensity Chart - Taxiway stopbar Luminaire (straight offset) Red



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Ordering Codes ZA280SO TH ○ ○ ○ ○ ○ ○ ○ ○

Application
ZA280SO Taxiway stopbar
Straight (offset)

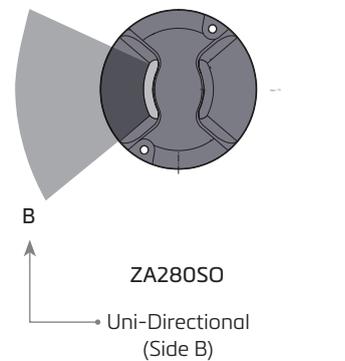
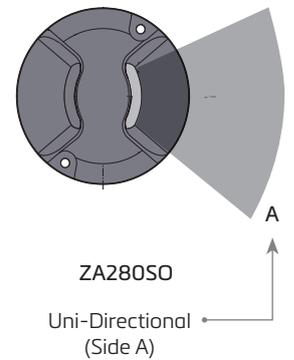
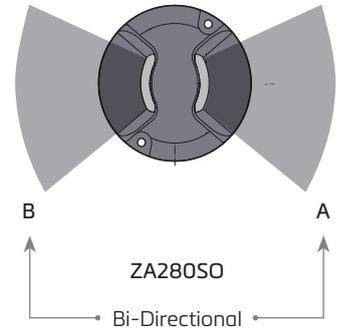
Beam Type
A Side
6 = Straight (offset)
0 = Blank
.....
B Side
6 = Straight (offset)
0 = Blank

Colour
A Side
R = Red
N = Not Applicable
.....
B Side
R = Red
N = Not Applicable

Specification
2 = ICAO

Connections
1 = 1 Bi Pin Plug
2 = 2 Bi Pin Plug

Beam Options



Additional optional features are available upon request

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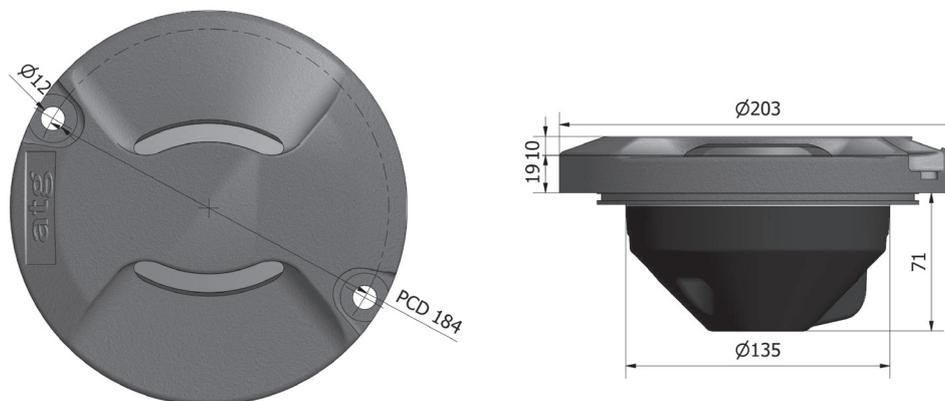
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Dimensions



Packaging

- ▶ Net weight 3.0Kg
- ▶ Gross weight 3.51Kg (boxed)
- ▶ Box 230mm (L) x 230mm (W) x 146mm (H)

*Dimensions are nominal

Consultants specification and installation information for the Iris range is available by request. Contact enquiries@atgairports for further details.

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



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