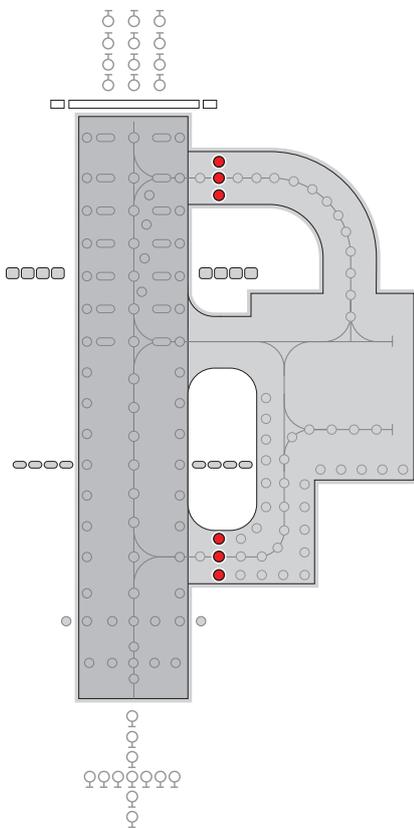


Tungsten halogen



# ZA280SC

8" taxiway stopbar, straight sections (narrow 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(°)		
-3.5 to +3.5	1 to 8	RED/BLK	48W
-3.5 to +3.5	1 to 8	RED/RED	48W

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

### Specification

Taxiway stopbar - straight (narrow) ICAO Fig. A2-13

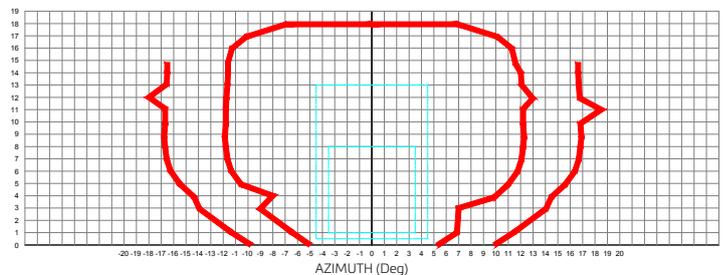
Colour	Red
Max/Min Intensity Ratio	<3.0
Main rect. average intensity	200 cds
Main rect. minimum intensity	100 cds
Second rect. minimum intensity	20 cds

### Typical Measured Values

Taxiway stopbar - straight (narrow) ICAO Fig. A2-13

Colour	Red
Max/Min Intensity Ratio	2.17
Main rect. average intensity	457 cds
Main rect. maximum intensity (A)	563 cds
Main rect. minimum intensity (B)	258 cds
Second rect. minimum intensity	120 cds

Intensity Chart - Taxiway stopbar Luminaire (straight narrow) Red



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

www.atgairports.com enquiries@atgairports.com sales-usa@atgairports.com

ZA280SC

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



Ordering Codes ZA280SC TH ○ ○ ○ ○ ○ ○ ○

**Application**  
ZA280SC Taxiway stopbar  
Straight (narrow)

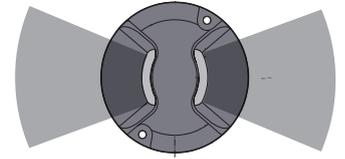
**Beam Type**  
**A Side**  
4 = Straight (narrow)  
0 = Blank  
.....  
**B Side**  
4 = Straight (narrow)  
0 = Blank

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

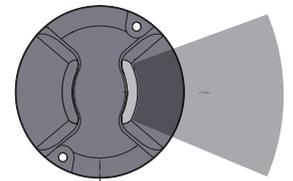
**Specification**  
2 = ICAO

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

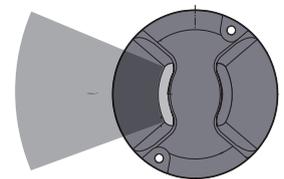
## Beam Options



B ↑  
ZA280SC  
← Bi-Directional → ↑ A



↑ A  
ZA280SC  
Uni-Directional (Side A)



B ↑  
ZA280SC  
Uni-Directional (Side B)

Additional optional features are available upon request

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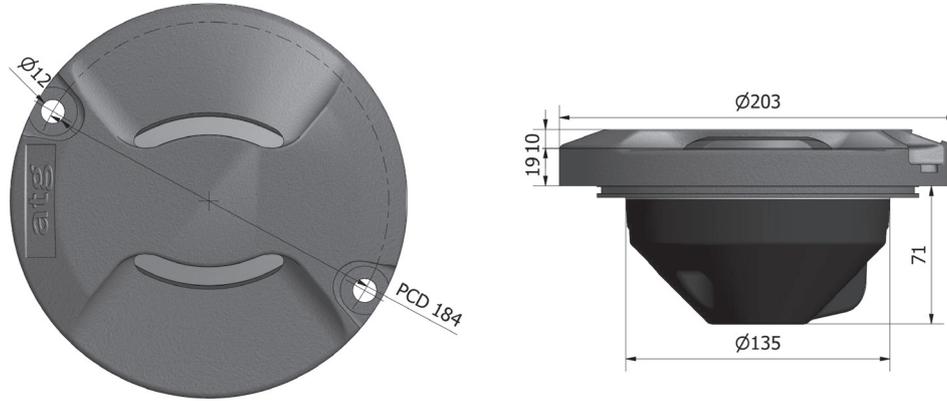
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ZA280SC

# ZA280SC 8" taxiway stopbar, straight sections (narrow beam), high intensity lighting solutions



## 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](mailto:enquiries@atgairports) for further details.

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



**atg airports ltd**  
Lowton Business Park | Newton Road  
Lowton St. Mary's | Warrington  
WA3 2AP | United Kingdom

**atg airports inc**  
7857 Drew Circle #13  
Fort Myers | Florida 33967  
USA



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)

# ZA280SC