

Tungsten halogen

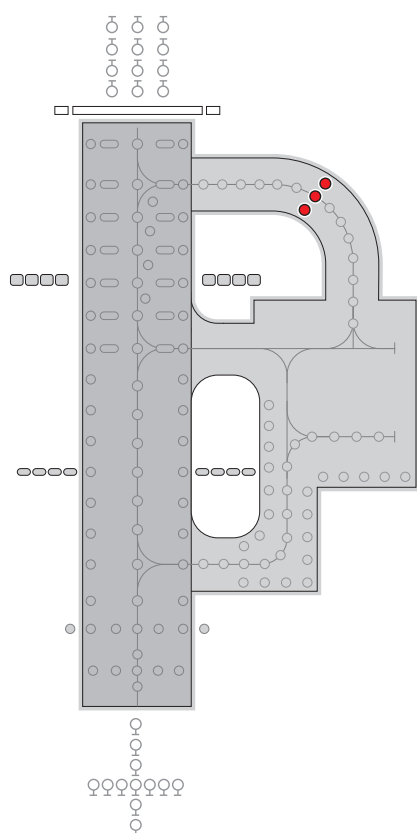


# ZA281SK

8" taxiway stopbar, curved sections (toed beam), high intensity lighting solutions

## Applications

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



## Compliant with Latest International Standards<sup>\*</sup>

- ▶ ICAO Annex 14. Vol 1
- ▶ FAA AC 150/5345-46<sup>†</sup>
- ▶ IEC 61827
- ▶ EASA
- ▶ Stannag 3316 (NATO)

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

<sup>†</sup> 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 +35	1 to 10	RED/BLK	48W
-3.5 to +35	1 to 10	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)

► Ingress Protection IP67

► Storage Temperature -55 °C to +55°C (-67 °F to +131°F)

## Photometry

### Specification

#### Taxiway stopbar - curved ICAO Fig. A2-14

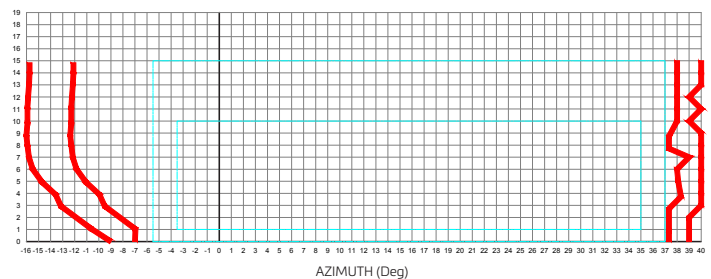
Colour	Red
Max/Min Intensity Ratio	<3.0
Main rect. average intensity	100 cds
Main rect. minimum intensity	50 cds
Second rect. minimum intensity	10 cds

#### Taxiway stopbar - curved ICAO Fig. A2-14

##### Stopbar - Curved Beam

Colour	Red
Max/Min Intensity Ratio	2.89
Main rect. average intensity	131 cds
Main rect. maximum intensity (A)	182 cds
Main rect. minimum intensity (B)	63 cds
Second rect. minimum intensity	45 cds

Intensity Chart - Taxiway stopbar Luminaire (curved toed) Red



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Ordering Codes ZA281SK



## Application

ZA281SK Taxiway stopbar  
curved (toed)

## Beam Type

### A Side

2 = Curved (toed)  
0 = Blank

### B Side

3 = Curved (toed)  
0 = Blank

## Colour

### A Side

R = Red  
N = Not Applicable

### B Side

R = Red  
N = Not Applicable

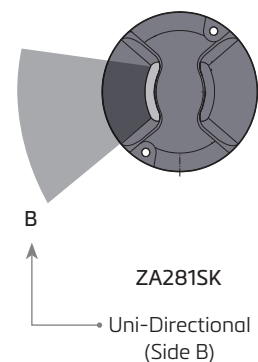
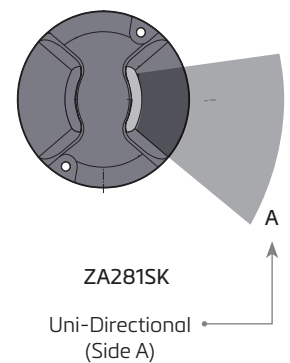
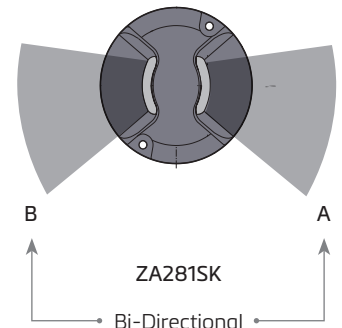
## Specification

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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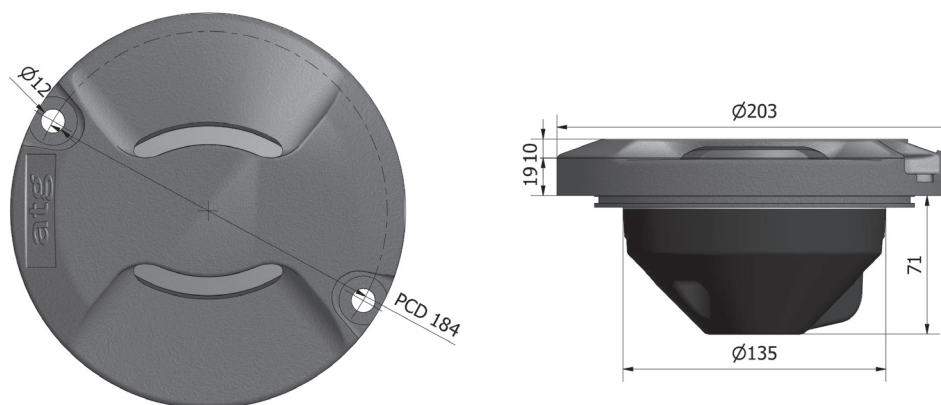
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## Dimensions



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

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