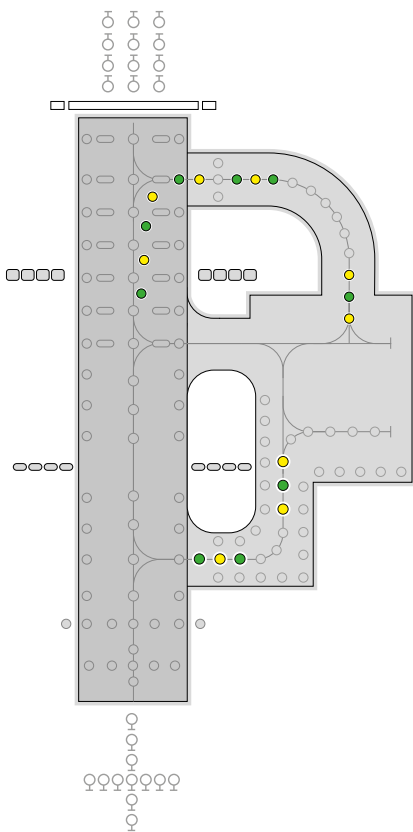


Tungsten halogen



# ZA280C

8" taxiway centre line, straight sections (narrow), 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

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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	GRN/GRN	48W
-3.5 to +3.5	1 to 8	YEL/YEL	48W
-3.5 to +3.5	1 to 8	GRN/YEL	48W
-3.5 to +3.5	1 to 8	GRN/BLK	48W
-3.5 to +3.5	1 to 8	YEL/BLK	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 Centreline - Straight Narrow ICAO Fig A2-13 FAA L-852C

Colour	Green
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 Centreline - Straight (Narrow) Green

Colour	Green
Max/Min Intensity Ratio	2.59
Main rect. average intensity	400 cds
Main rect. maximum intensity (A)	512 cds
Main rect. minimum intensity (B)	197 cds
Second rect. minimum intensity	120 cds

### Specification

Taxiway Centreline - Straight (Narrow) Yellow

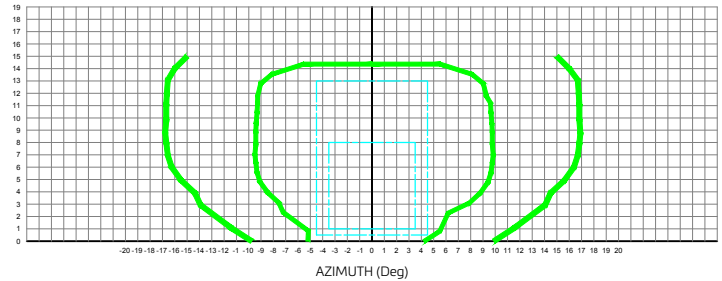
Colour	Yellow
Max/Min Intensity Ratio	<3.0
Main rect. average intensity	200 cds
Main rect. minimum intensity	100 cds
Second rect. minimum intensity	20 cds

### Typical Measured Values

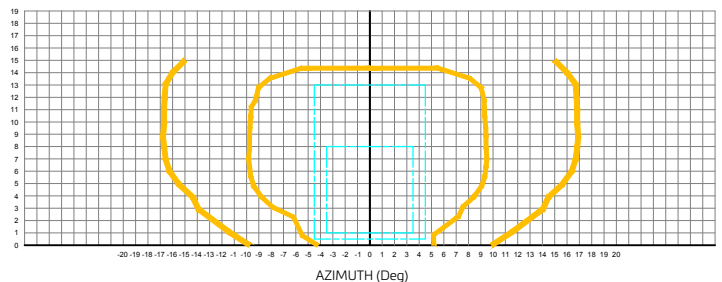
Taxiway Centreline - Straight (Narrow) Yellow

Colour	Yellow
Max/Min Intensity Ratio	1.96
Main rect. average intensity	462 cds
Main rect. maximum intensity (A)	584 cds
Main rect. minimum intensity (B)	299 cds
Second rect. minimum intensity	228 cds

Intensity Chart - Taxiway Centreline Luminaire (straight narrow) Green



Intensity Chart - Taxiway Centreline Luminaire (straight narrow) Yellow



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L-852C

# ZA280C 8" taxiway centre line, straight sections (narrow), high intensity lighting solutions



Ordering Codes ZA280 (TH) ( ) ( ) ( ) ( ) ( ) ( )

**Application**  
L-852C Taxiway Centreline  
Straight (Narrow)

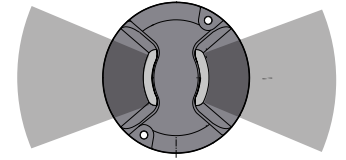
**Beam Type**  
**A Side**  
4 = Straight (Narrow)  
0 = Blank  
.....  
**B Side**  
4 = Straight (Narrow)  
0 = Blank

**Colour**  
**A Side**  
G = Green  
Y = Yellow  
N = Not Applicable  
.....  
**B Side**  
G = Green  
Y = Yellow  
N = Not Applicable

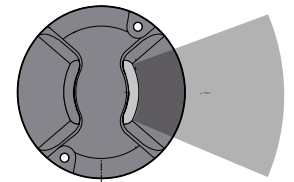
**Specification**  
1 = FAA  
2 = ICAO

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

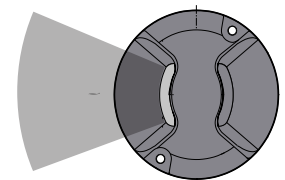
## Beam Options



B ↑  
ZA280C  
← Bi-Directional → ↑ A



↑ A  
ZA280C  
Uni-Directional (Side A)



B ↑  
ZA280C  
Uni-Directional (Side B)

Additional optional features are available upon request

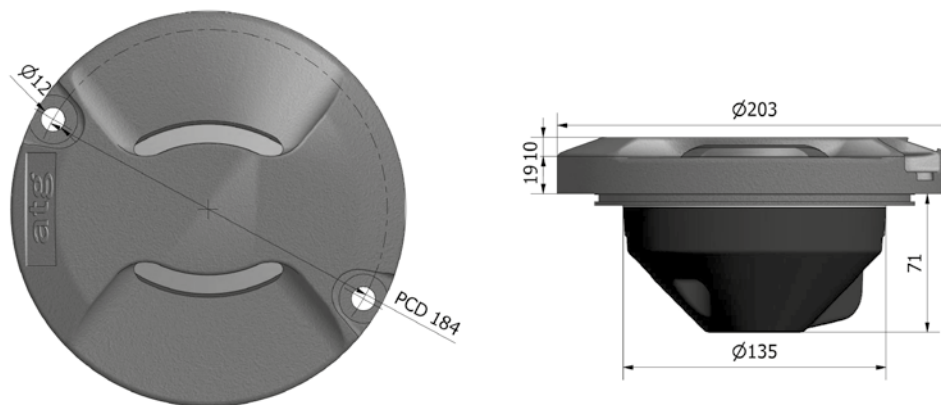
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L-852C

# ZA280C 8" taxiway centre line, straight sections (narrow), 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.



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L-852C