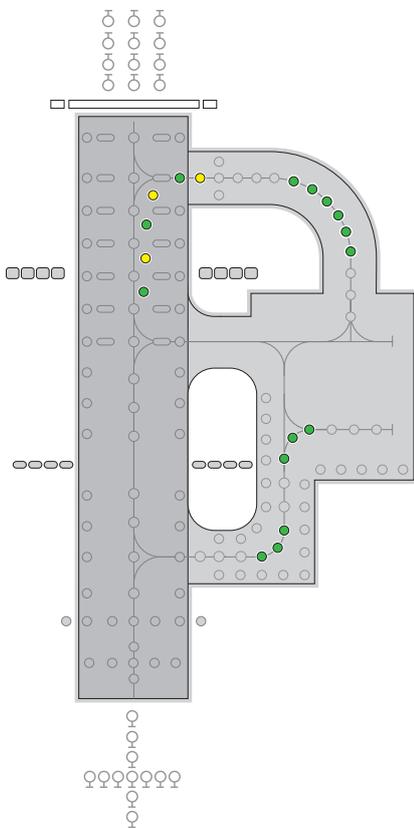


Tungsten halogen



ZA281K

8" taxiway centre line,
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*

- ▶ 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 +35	1 to 10	GRN/GRN	48W
-3.5 to +35	1 to 10	YEL/YEL	48W
-3.5 to +35	1 to 10	GRN/YEL	48W
-3.5 to +35	1 to 10	GRN/BLK	48W
-3.5 to +35	1 to 10	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)
- ▶ Storage Temperature -55 °C to +55°C (-67 °F to +131°F)
- ▶ Ingress Protection IP67

Photometry

Specification

Taxiway Centre Line Curved ICAO Fig 2.14 FAA L-852K

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

Typical Measured Values

Colour	Green
Max/Min Intensity Ratio	3.0
Main rect. average intensity	116cds
Main rect. maximum intensity (A)	156 cds
Main rect. minimum intensity (B)	52 cds
Second rect. minimum intensity	52 cds

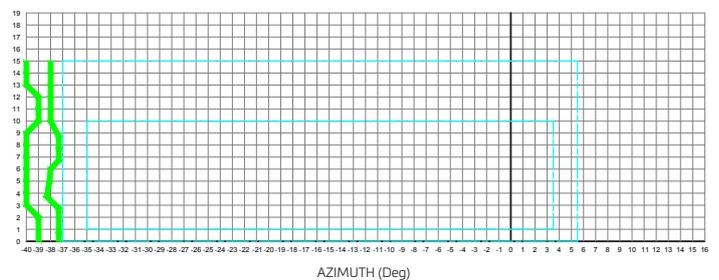
Specification

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

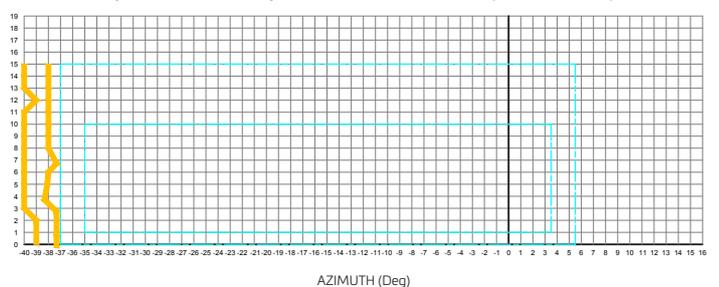
Typical Measured Values

Colour	Yellow
Max/Min Intensity Ratio	8.0
Main rect. average intensity	184 cds
Main rect. maximum intensity (A)	255 cds
Main rect. minimum intensity (B)	85 cds
Second rect. minimum intensity	35 cds

Intensity Chart - Taxiway Centreline Luminaire (curved toed) Green



Intensity Chart - Taxiway Centreline Luminaire (curved toed) Yellow



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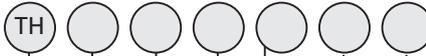
L-852K

ZA281K

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high intensity lighting solutions



Ordering Codes ZA281K



Application
L-852K Taxiway Centreline curved (Toed)

Beam Type
A Side
 2 = Curved (Toed)
 0 = Blank

B Side
 3 = Curved (Toed)
 0 = Blank

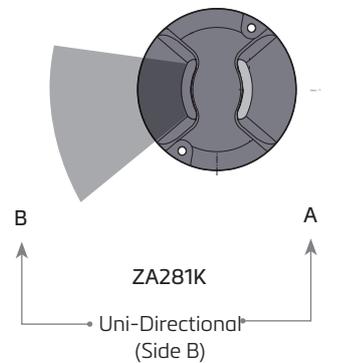
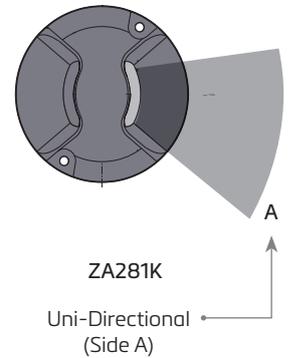
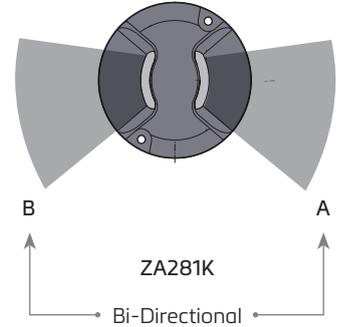
Colour
A Side
 G = Green
 Y = Yellow
 N = Not Applicable

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



Additional optional features are available upon request

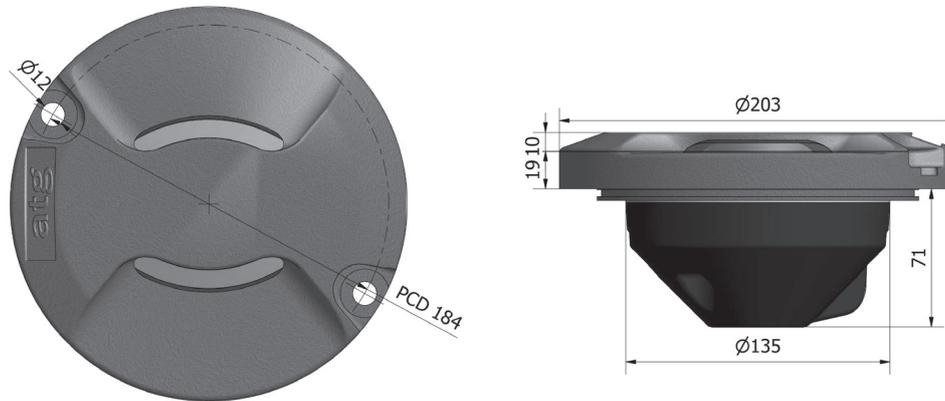
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ZA281K 8" taxiway centre line, curved sections (toed beam) high intensity lighting solutions

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 for further details.

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



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L-852K