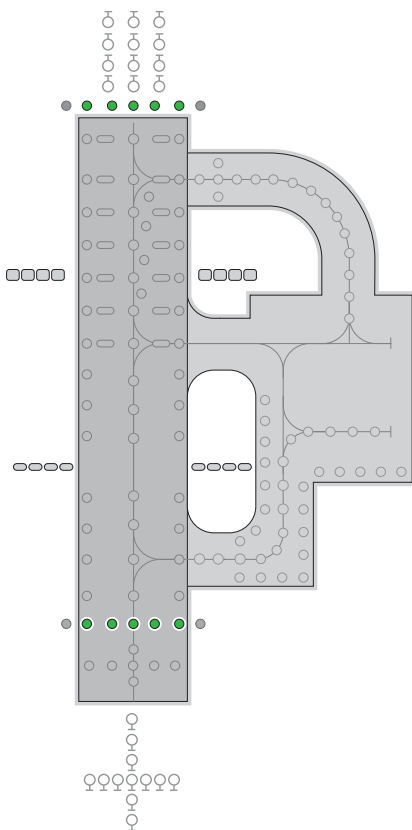


Tungsten halogen



ZA951

Unidirectional runway threshold medium intensity lighting solutions



Applications

Medium Intensity airfield ground lighting (agl) systems

Compliant with Latest International Standards*

- ▶ CASA MOS Part 139
- ▶ 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

45 watts lamp, operates from 45 watt series transformer

Fixture Operational Current Range: 2.6 to 6.7A RMS

Notes: Isolating transformer shall be suitably sized to accommodate specific secondary and other applicable losses.

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

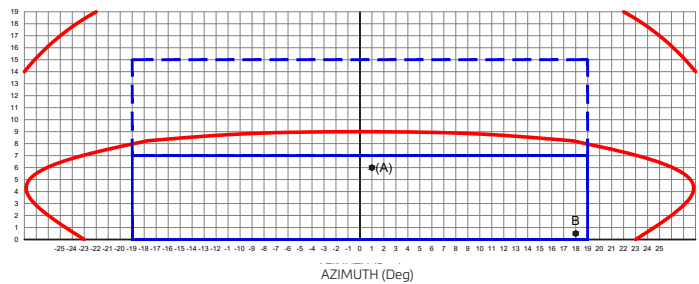
Medium Intensity Threshold (Inner) MOS Part 139 - Para. 9.57 Fig 9.75(1)

Colour	Green-Cyan
Max/Min Intensity ratio	<3.0
Main rect. average intensity	200-900 cds
Main rect. minimum intensity	100-450 cds
Second rect. minimum intensity	50 cds

Typical Measured Values

Colour	Green-Cyan
Max/Min Intensity ratio	2.64
Main rect. average intensity	286 cds
Main rect. maximum intensity (A)	304 cds
Main rect. minimum intensity (B)	115 cds
Second rect. minimum intensity	69 cds

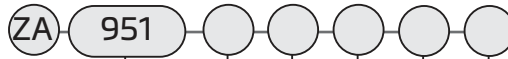
Intensity Chart - ZA951 Uni-Directional Medium Intensity Threshold



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Ordering Codes



Application
Medium intensity unidirectional runway threshold (inner)

Beam Type
A Side
 5 = Wide

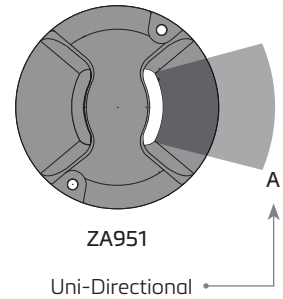
B Side
 0 = Blank

Colour
A Side
 C = Cyan/Green

B Side
 N = Not Applicable

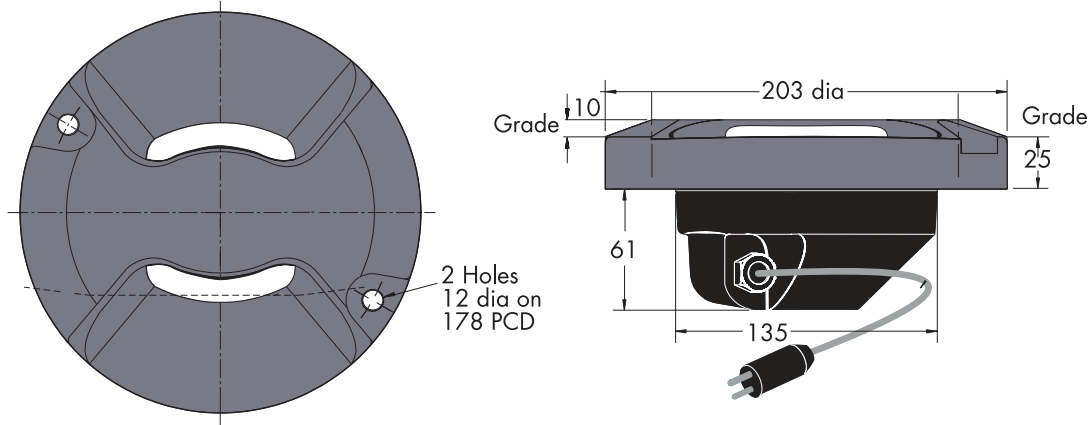
Specification
 3 = MOS139

Beam Options



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Dimensions



Packaging

► Net weight 3.12Kg ► Gross weight 3.52Kg (boxed) ► Box 260mm (L) x 260mm (W) x 175mm (H)

*Dimensions are nominal



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