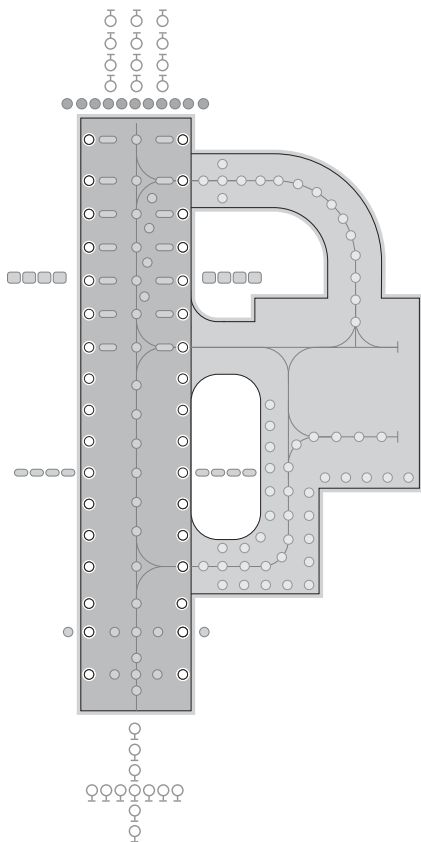


Tungsten halogen technology



ZA959

Omni directional runway edge 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

† Electrical/Mechanical/Environmental characteristics only

ZA959 Omni directional runway edge medium intensity lighting solutions



Electrical Performance

105 watts PK30d lamp, operates from 100 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.

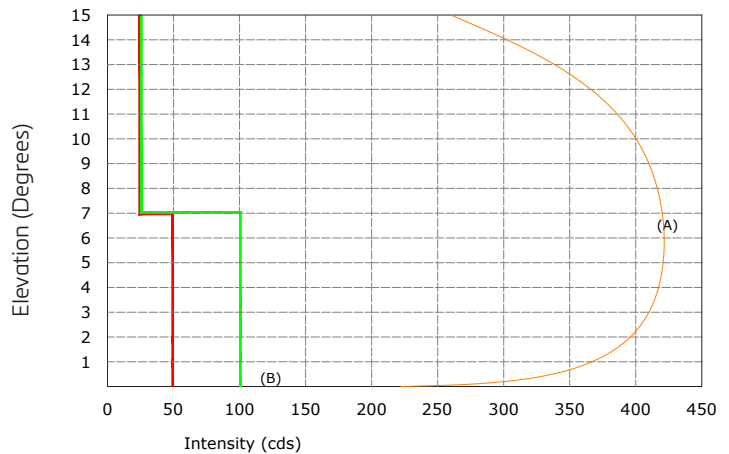
Environmental Conditions

- ▶ 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 Runway Edge MOS Part 139 - Para. 9.52 Fig 9.75(2)	
Colour	White
Max/Min Intensity ratio	<3.0
Main rect. average intensity range	200-600 cds
Main rect. minimum intensity range	100-200 cds
Second rect. minimum intensity	50 cds
Typical Measured Values	
Colour	White
Max/Min Intensity ratio	2.9
Main rect. average intensity	422 cds
Main rect. maximum intensity (A)	444 cds
Main rect. minimum intensity (B)	400 cds
Second rect. minimum intensity	232 cds

Intensity Chart - medium Intensity Runway Edge. White



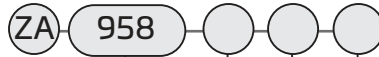
- ZA959 - Performanc at 6.6 amps
- MOS139 Runway Edge medium Intensity: Fig 9.75(2) Minimum Individual Intensity (100cfs)
- MOS139 Runway Edge medium Intensity: Fig 9.75(2) Minimum Average Intensity (200cfs)

ZA959

Omni directional runway edge
medium intensity lighting solutions



Ordering Codes



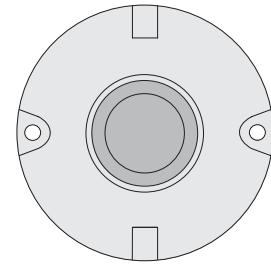
Application
Medium intensity omni runway edge

Beam Type
7 = Omni directional (360°)

Colour
W = White

Specification
3 = MOS139

Beam Options

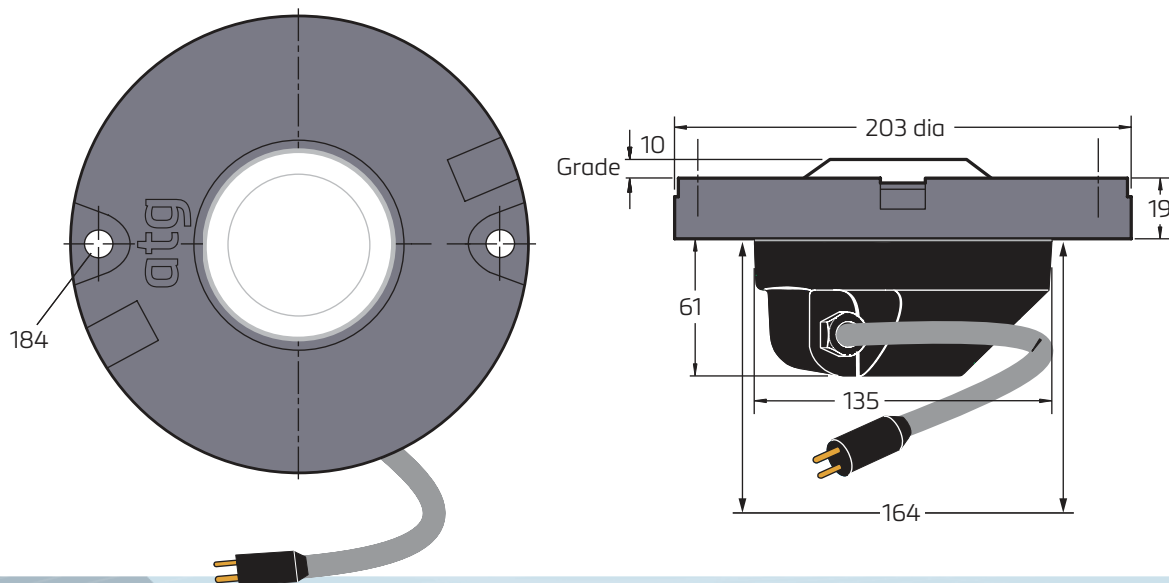


ZA959
Omni Directional 360°

ZA959

Omni directional runway edge
medium intensity lighting solutions

Dimensions



Packaging

▶ Net weight 3kg ▶ Gross weight 3.5kg ▶ Box 230mm(w) x 230mm(d) x 146mm(h)

*Dimensions are nominal



Head Office:

atg airports Ltd

Lowton Business Park | Newton Road

Lowton St. Mary's | Warrington

WA3 2AP | United Kingdom

**THINK
BEFORE YOU
PRINT**



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

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

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

ZA959