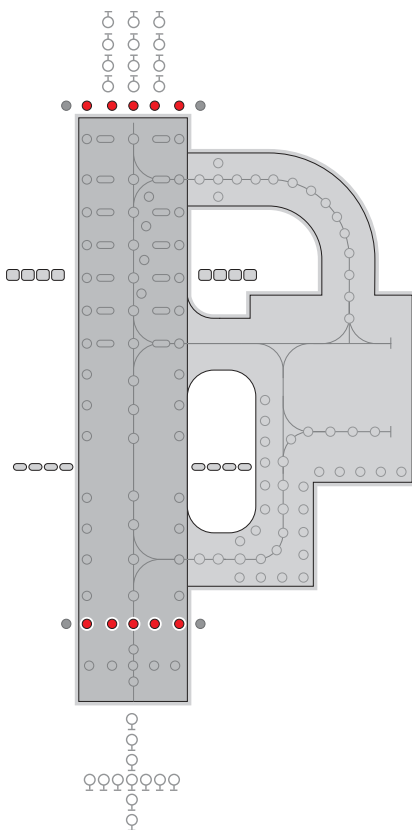# ZA955

Unidirectional runway end 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

ZA955

Unidirectional runway end
medium intensity lighting solutions

Electrical Performance

48 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
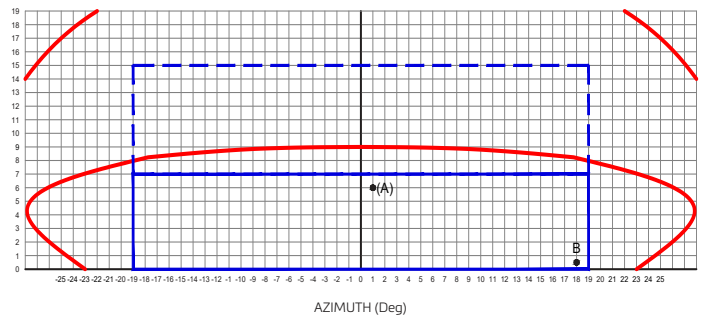
Photometry

Specification

Medium Intensity Runway End MOS Part 139 - Para. 9.65 Fig 9.75(1)

Colour	Red
Max/Min Intensity ratio	<3.0
Main rect. average intensity	50 -300 cds
Main rect. minimum intensity	25 - 100 cds
Second rect. minimum intensity	5.0 cds

Typical Measured Values

Colour	Red
Max/Min Intensity ratio	2.42
Main rect. average intensity	139 cds
Main rect. maximum intensity (A)	189 cds
Main rect. minimum intensity (B)	78 cds
Second rect. minimum intensity	13 cds

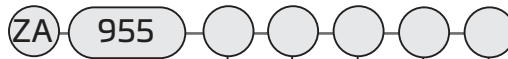Intensity Chart - ZA955 Uni-Directional medium Intensity Runway End

AZIMUTH (Deg)

ZA955

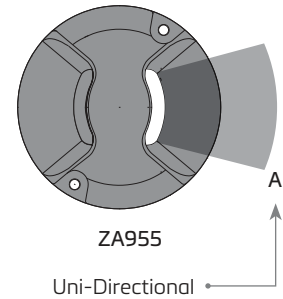Unidirectional runway end
medium intensity lighting solutions

Ordering Codes

ZA — 955 — ◯ — ◯ — ◯ — ◯ — ◯

Application
Medium intensity unidirectional runway end

Beam Type
A Side
5 = Wide

B Side
0 = Blank

Colour
A Side
R = Red

B Side
N = Not Applicable
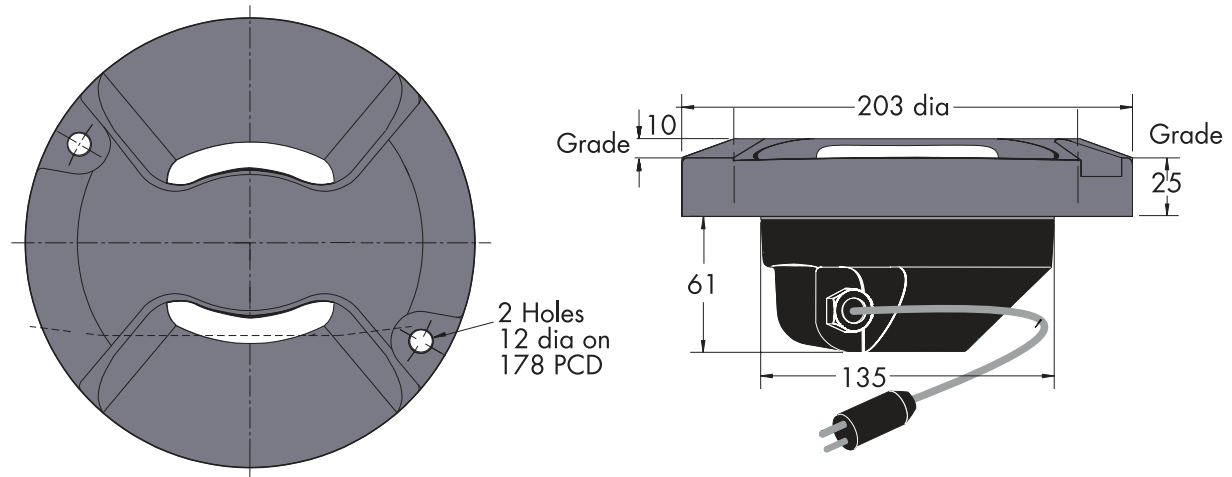
Specification
3 = MOS139

Beam Options

ZA955

Uni-Directional

ZA955
Unidirectional runway end
medium intensity lighting solutions

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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