Apollo
High Intensity Elevated LED Runway Guard Light

LED technology

Applications
CAT I/II/III all weather operation airfield ground lighting systems.

Compliant with Latest International Standards*

- ICAO Annex 14. Vol 1
- FAA L-804†
- IEC 61827
- EASA
- Stannag 3316 (NATO)

* As applicable to the application, compliance with other civil aviation and military regulations confirmed on request
†For height, fragility, and photometric output

UK: +44 (0) 1942 68 5555 | USA: 001 (239) 985-9406
www.atgairports.com | enquiries@atgairports.com | sales-usa@atgairports.com
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Electrical Performance

<table>
<thead>
<tr>
<th>Main Beam Aperture</th>
<th>Colour</th>
<th>Typical Power Consumption - Watts (VA) @ 6.6A</th>
<th>Isolating Transformer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horiz(°)</td>
<td>Vert(°)</td>
<td>Per Beam Watts</td>
<td>Fitting* Watts (VA)</td>
</tr>
<tr>
<td>-8° to +8°</td>
<td>-8° to 8°</td>
<td>Yellow</td>
<td>20W</td>
</tr>
</tbody>
</table>

Fixure Operational Current Range: 2.7 to 6.7A RMS

Notes:
- Isolating transformer shall be suitably sized to accommodate specific secondary and other applicable losses.
- * 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”). CCR shall be suitably sized for the indicated transformer VA for the relevant isolating transformer utilised.
- *** adjustable angle 0°, 5°, 11°, 15°, and 20°

Environmental Conditions

- Ambient Temperature -40°C to +55°C (-67 °F to +131°F)
- Storage Temperature -40°C to +55°C (-67 °F to +131°F)
- Ingress Protection > IP65

Photometry vs. Specification

Intensity (cd)
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**Ordering Codes**

**Application**
LED Elevated Runway guard light

**Beam Type**
5 = Uni-directional (Wide)

**Color**
Y = Yellow
R = Red

**Specification**
2 = ICAO

**Integrated photo cell (230V only)**
0 = none
1 = fitted

**Mounting**
1 = 32mm (1 1/4") Solid Stem with 50.8mm (2") Frangible Coupling, 11.5 TPI
H *= 550mm (22")**
2 = Low profile franagable brackets
H *= 356mm (14")**

**Power supply**
1 = 6.6 amps
2 = 220VAC
3 = 24VDC

**Integrated fault Monitoring**
0 = Not required
1 = required

**LED Lamp Life**
Lamp life calculated to be in excess of 60,000 hours

**Beam Options**

- **Solid Stem mounting option**
- **Low profile franagable bracket mountin option**

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Dimensions

Packaging

- Net weight 15kg
- Gross weight 28kg (boxed)
- Box 850mm (L) x 450mm (W) x 400mm (H)