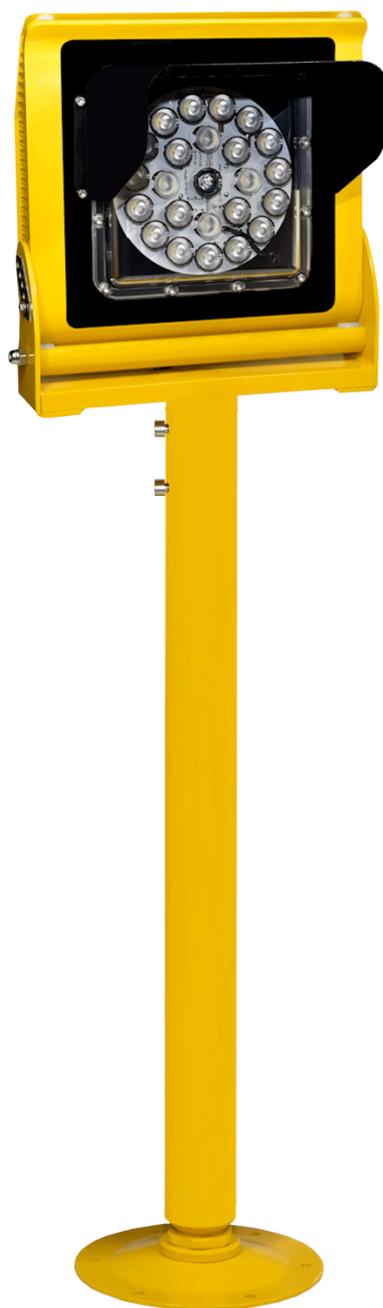
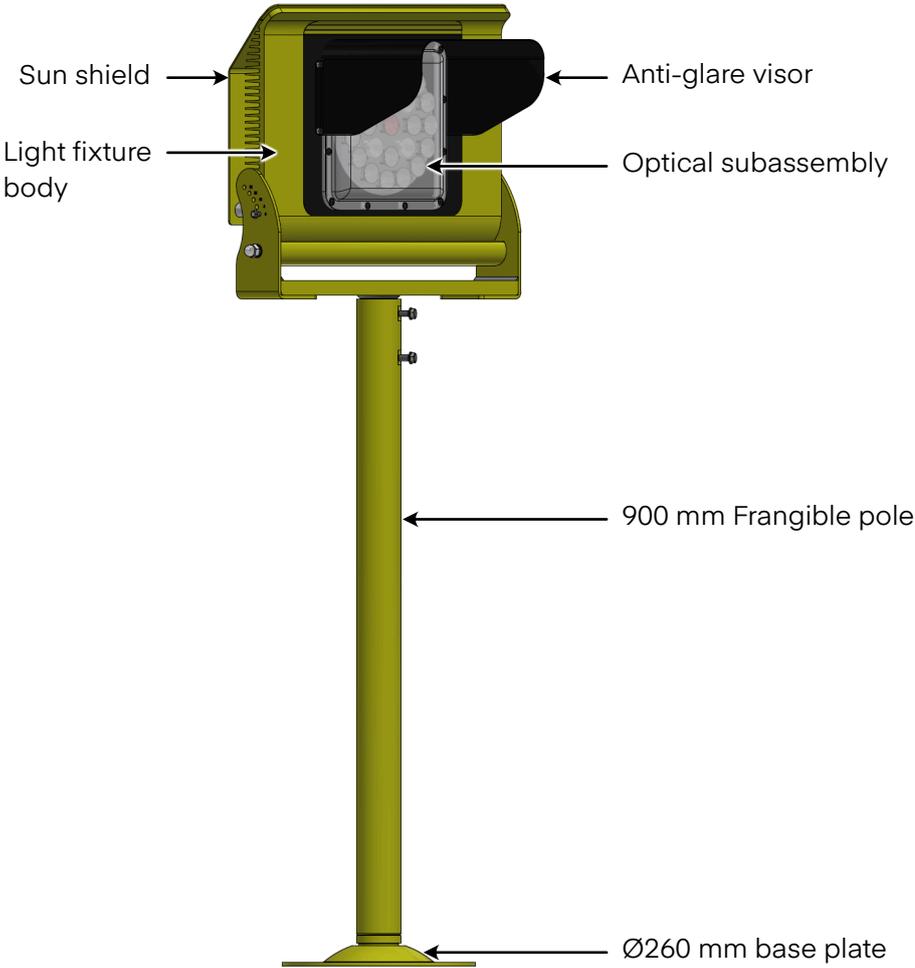


# Road-Holding Position Light



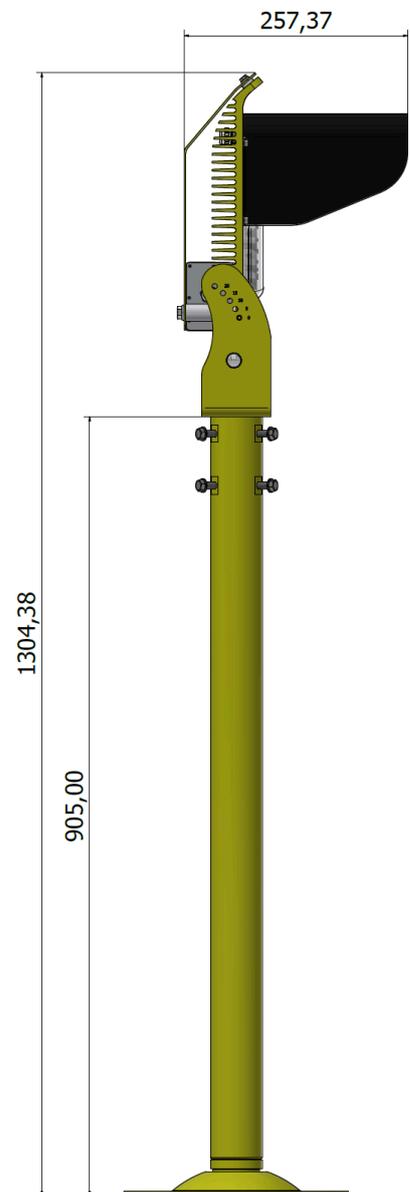
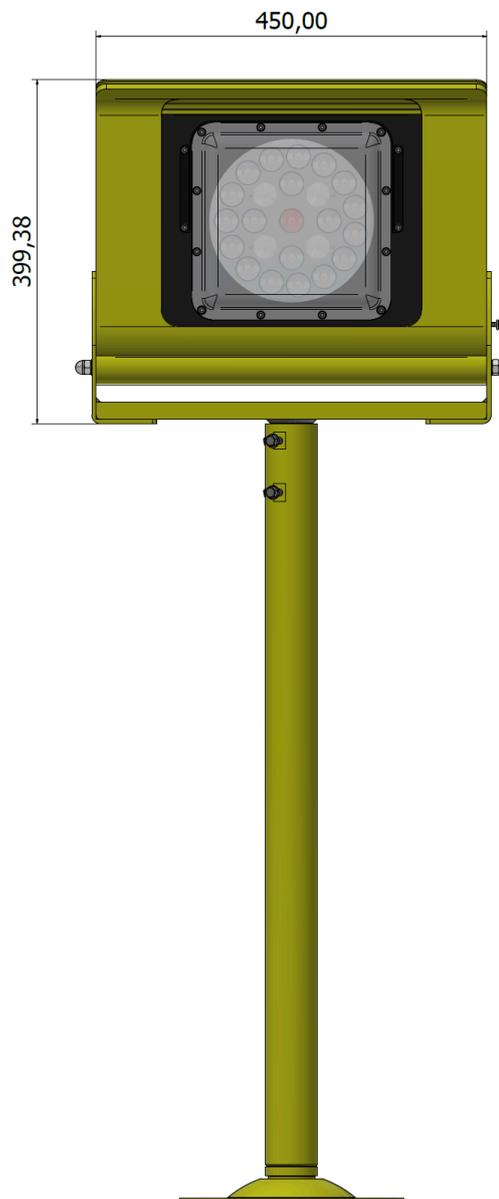
<p><b>Compliance to standards</b></p>	<p><b>ICAO:</b> Annex 14, Volume I - Aerodrome Design and Operations</p>
<p><b>Application</b></p>	<p>Used to indicate mandatory stopping positions for road vehicles at runway access points under low visibility operations (RVR &lt; 550 m).</p>
<p><b>Features</b></p>	<p>Designed and built with simplicity and ease of maintenance in mind. High power LED technology. Lightweight, low-energy and environment friendly lighting fitting. Extensive use of aluminum alloys reduces fitting weight and eases handling in the field.</p>
<p><b>Product Code</b></p>	<p><b>AL - 080 - 24 - RE - XXX-PE</b></p> <p>Series Indicator (Airfield Lighting) <b>AL</b>          Product Indicator <b>080</b>          LEDs Number (24 LEDs) <b>24</b>          LEDs Light Color (RED) <b>RE</b>          Power Supply <b>XXX</b>              <b>230</b> – Power Supply: 110-230 VAC constant light brightness              <b>024</b> – Power Supply: 24 VDC from a solar power pack              <b>A66</b> – Power Supply: 2.8 up to 6.6 A dimmable light brightness          Photocell (only for 110-230 VAC power supplies) <b>PE</b></p>

<p><b>Description</b></p>	<p><b>Housing</b> - powder-coated aluminum RAL 1004 (aviation yellow) ●</p> <p><b>Fastening system</b> - powder-coated aluminum, RAL 1004 (aviation yellow)</p> <p><b>Anti-glare visor powder</b> - coated aluminum, RAL 9005 (gloss black)</p> <p><b>Disperser</b> - clear polycarbonate</p> <p><b>Cable gland</b> - nickel plated brass</p> <p><b>Fasteners</b> - stainless steel</p>
<p><b>Environment</b></p>	<p><b>Temperature range:</b> -40° to +55°</p> <p><b>Degree of protection:</b> IP65</p> <p><b>Humidity:</b> 0 - 100%</p>
<p><b>Mounting</b></p>	 <p>The diagram illustrates the assembly of the lighting fixture. It features a yellow housing with a sun shield on the left side and an anti-glare visor on the right. The light fixture body is mounted on a 900 mm frangible pole, which is supported by a Ø260 mm base plate. The optical subassembly is visible through the center of the housing.</p> <ul style="list-style-type: none"> <li>Sun shield</li> <li>Light fixture body</li> <li>Anti-glare visor</li> <li>Optical subassembly</li> <li>900 mm Frangible pole</li> <li>Ø260 mm base plate</li> </ul>

**Mechanical  
Characteristics**

**Total hight:** 1304,38 mm

**Witdh:** 450 mm

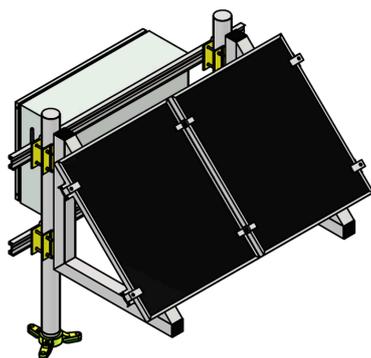


**Electrical Characteristics**

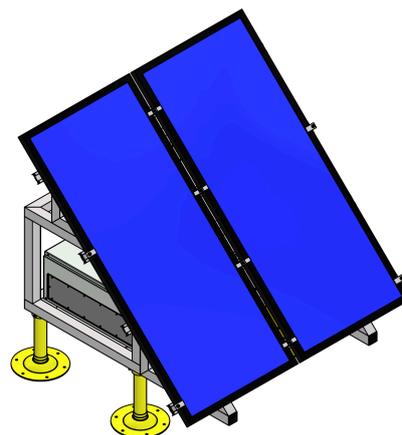
**Average hour consumption:** max. 10 W  
110-230 VAC from mains

**Power supply:** 2.8 up to 6.6 A dimmable light brightness from CCR  
24 VDC from a solar power pack

The 24 VDC power supply is compatible with two Solar Power System variants, chosen depending on the surrounding light conditions.



**2x50 W**



**2x180 W**

**Electrical installation:**

The RHPL is supplied with a 3-core (3 x 1.0mm<sup>2</sup>) 1m flying lead. The overall diameter of the cable is nominally 7.5mm. Connect the free ends of the cable to the proper voltage source.

**Photometric Characteristics**

Road-holding position lights are red lights operating in flashing mode, with a flash frequency between 30 and 60 flashes per minute.

**Options**

**PHOTOCELL:** Acts as a switch between day mode and night mode, depending on ambient light. In night mode, the light operates at 10% intensity.  
**(The photocell sensor is compatible only with 110-230 VAC power supplies)**