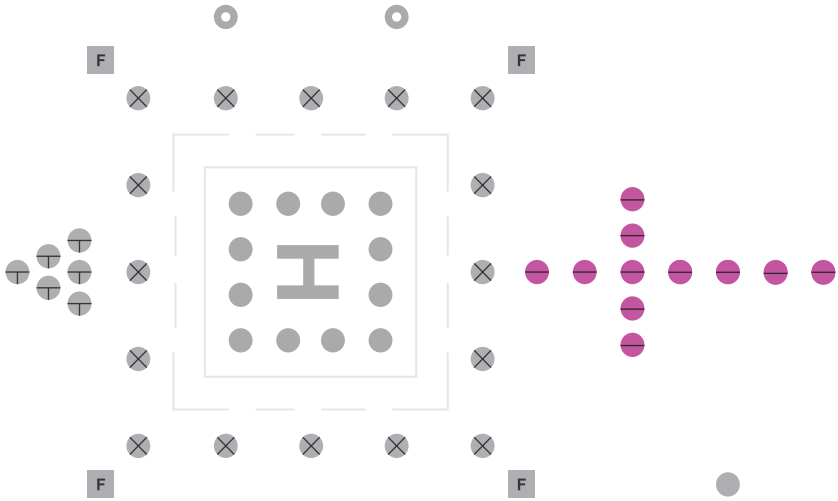






# ELEVATED APPROACH STEADY



<p><b>Compliance to standards</b></p>	<p><b>ICAO:</b> International Civil Aviation Organization, Aerodromes, Annex 14, Vol. 1</p> <p><b>ICAO:</b> Annex 14, Volume II - Heliports</p> <p><b>IEC TS 61827:</b> Electrical installations for lighting and beaconing of aerodromes. Characteristics of inset and elevated luminaires used on aerodromes and heliports</p>
<p><b>Application</b></p>	<p>Approach steady lights</p>  <p> <span>⬆</span> Aiming Point Lights             <span>⊗</span> FATO Lights             <span>F</span> Floodlights             <span>○</span> Approach Lights  <span>●</span> Taxiway Lights     <span>●</span> TLOF Lights     <span>●</span> <b>Approach</b>     <span>●</span> Beacon Light       </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 aluminium alloys reduces fitting weight and eases handling in the field.</p>

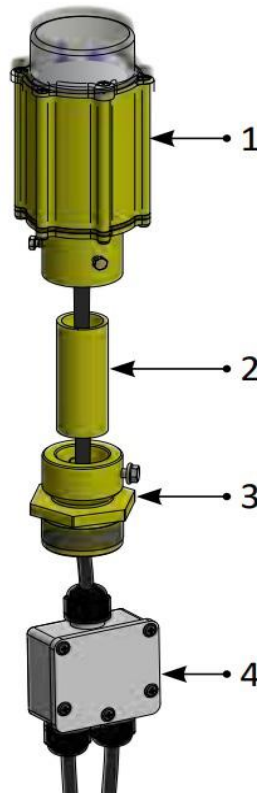
<b>Product Code</b>	<p><b>AL - 056 - 08 - WH</b></p> <p>Series Indicator (Airfield Lighting) <b>AL</b>  Product Indicator <b>056</b>  LEDs Number <b>08</b>  LEDs Light Colour (white) <b>WH</b></p>
<b>Description</b>	<p><b>Housing</b> - Powder coated aluminium RAL 1004 (aviation yellow) </p> <p><b>Dispenser</b> - clear polycarbonate</p> <p><b>Cable gland</b> - nickel plated brass</p> <p><b>Fasteners</b> - stainless steel</p> <p>Light fixtures are provided with anti condensation valve.</p>
<b>Environment</b>	<p><b>Temperature range:</b> - 55° to +55°</p> <p><b>Degree of protection:</b> IP X8</p> <p><b>Ka tested:</b> Salt mist</p>
<b>Mounting</b>	<div> <div> <p>Φ160mm ElectroMax Shallow Base</p>  </div> <div> <p>Φ8" IEC type Shallow Base with Adapter Ring</p>  </div> <div> <p>Mounted on Φ160mm Base</p>  </div> </div>

## Electrical Characteristics

**Power consumption:** 18W

**Power supply:** 48V DC from controller - dimmable: 100%, 30%, 10%  
90-230V, 50/60HZ - non dimmable  
1.4A CC - dimmable: 100%, 30%, 10%(internal bypass + SPD)

### Electrical Connections



1.Light Fixture pre cabled with 0,5m cable

**Code:AL-056-08-WH**

2. Ø32 mm Coupling Tube

**Code:AL-100-AX**

3.Frangible Coupling

**Code:AL-101-AX**

4.IP68 Electrical Junction Box

**Code:AL-107-AX**

### Types of power supply:

-48V DC power supply from controller with 3 core cable

**V+** (brown)

**V-** (blue)

**Dimming** (green/yellow)

-230V AC directly from mains power supply

**Live** (brown)

**Neutral** (blue)

**Ground** (green/yellow)

-1.4A CC power supply from controller with 2 core cable

**V+** (red mark)

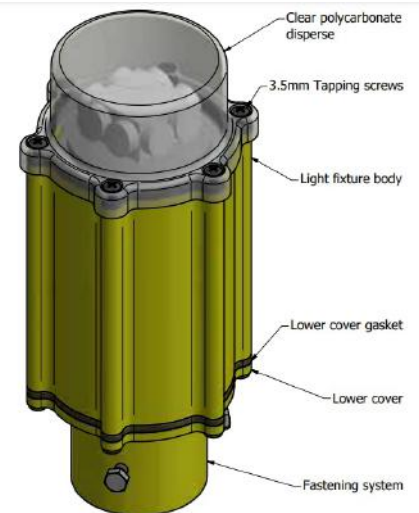
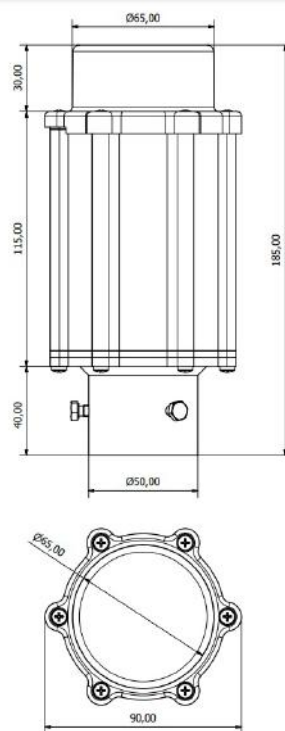
**V-** (blue mark)

## Mechanical Characteristics

**Diameter:** 65 mm

**Total height:** 185 mm

**Weight:** 1 kg



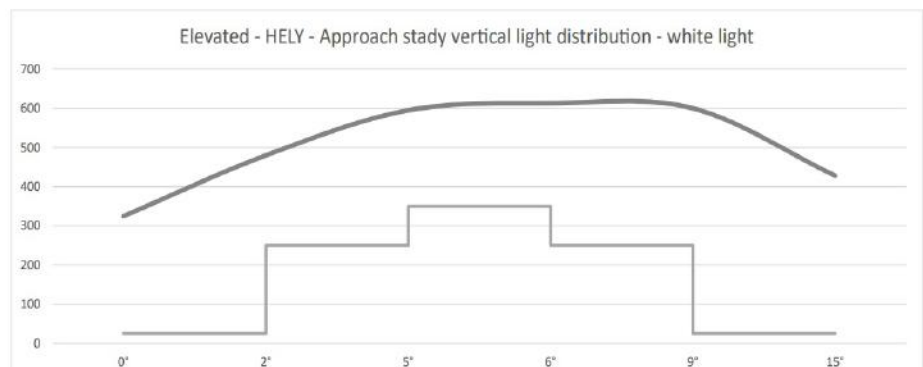
## Photometric Characteristics

**Intensity level:** 100%, 30%, 10% version powered in 48 VDC or 1.4A CC

**Horizontal output:** 360°

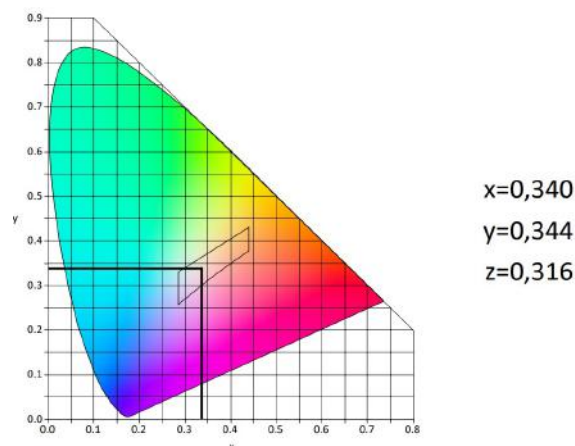
**Light colour:** White light

Vertical elevation angle	0°	2°	5°	6°	9°	15°
Required minimum intensity [cd]	25	250	350	350	250	25
Measured minimum intensity [cd]	325	480	595	613	600	428



The brightness intensity values complies with:  
**ICAO requirements Annex 14 Vol.2 fig.5-11/2**

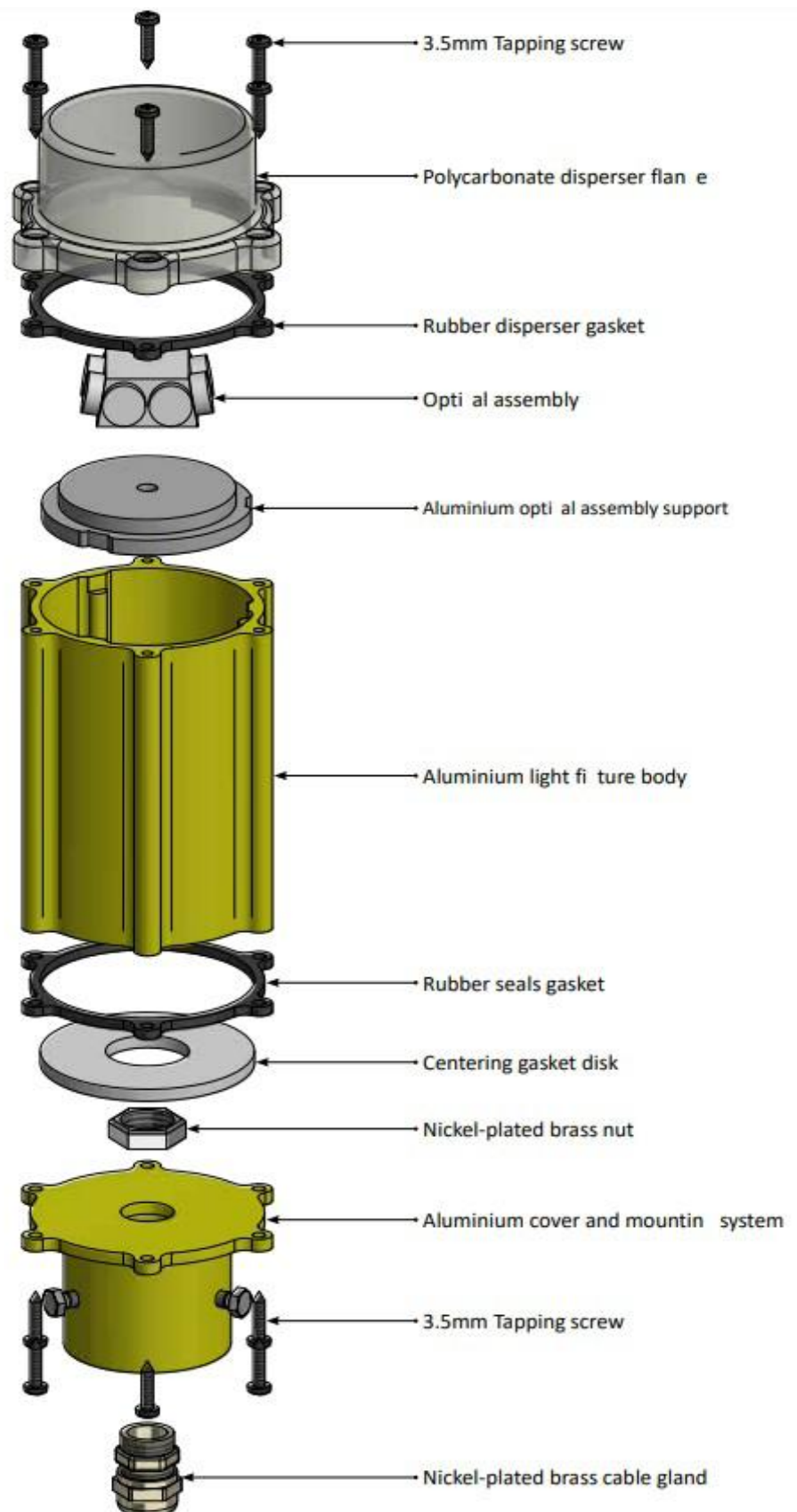
The light colour emitted by the light fixture is blue, with the trichromatic coordinates:



The measured trichromatic coordinates correspond to colour range requirements in:

**ICAO Annex 14 - Aerodromes Vol.1, fig, A1-1-1b.**  
**Colours for aeronautical ground lights (solid state lighting)**

**Spare  
Parts**



## Accessory

To order accessories please call our customer support.  
For contact details please refer to our website - [www.signalight.com](http://www.signalight.com)

#	NAME - SERIES	PRODUCT CODE	IMAGE
1	Φ32 mm Coupling Tube	AL-100-AX	
2	Frangible Coupling	AL-101-AX	
3	Φ260mm Base Plate	AL-102-AX	
4	Mounting Flange	AL-103-AX	
5	ElectroMax Standard Φ160mm Shallow Base	AL-104-AX	
6	Adapter Ring for 8" Shallow Base	AL-105-AX	
7	Φ160mm Surface Mounted Base	AL-106-AX	
8	IP68 Electrical Junction Box	AL-107-AX	
9	Φ160mm Shallow Base Installation Jig	AL-108-AX	





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