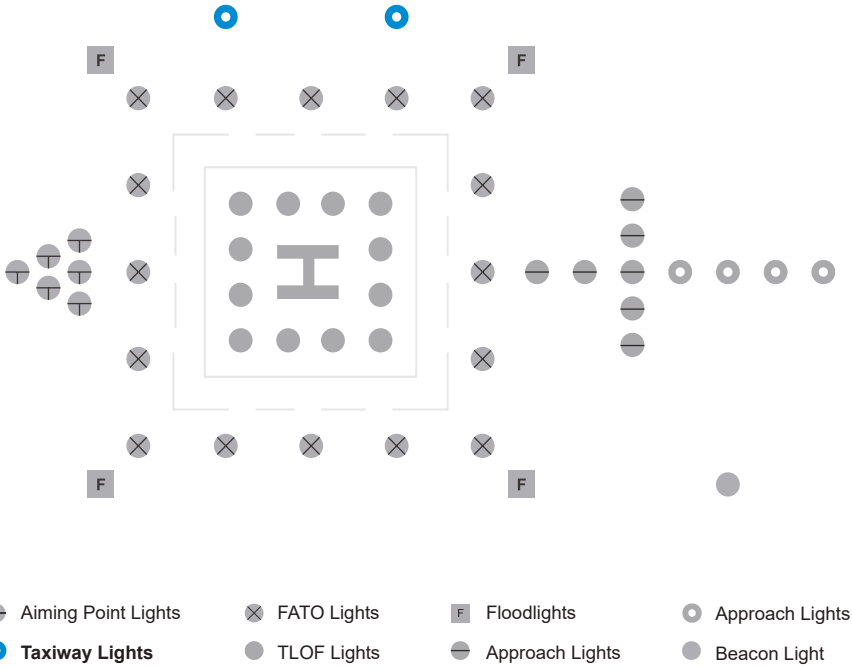






ELEVATED TAXI



<p>Compliance to standards</p>	<p>ICAO: International Civil Aviation Organization, Aerodromes, Annex 14, Vol. 1</p> <p>ICAO: Annex 14, Volume II - Heliports</p> <p>IEC TS 61827: Electrical installations for lighting and beaconing of aerodromes. Characteristics of inset and elevated luminaires used on aerodromes and heliports</p>
<p>Application</p>	<p>Taxiway lights</p>  <p> ⊕ Aiming Point Lights ⊗ FATO Lights Ⓜ Floodlights ⊖ Approach Lights ● Taxiway Lights ● TLOF Lights Ⓜ Approach Lights ● Beacon Light </p>
<p>Features</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>

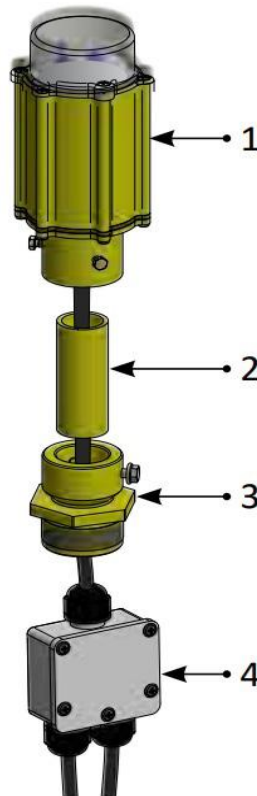
<p>Product Code</p>	<p>AL - 010 - 02 - BL</p> <p>Series Indicator (Airfield Lighting) AL Product Indicator 010 LEDs Number 02 LEDs Light Colour (blue) BL</p>
<p>Description</p>	<p>Housing - Powder coated aluminium RAL 1004 (aviation yellow) </p> <p>Dispenser - clear polycarbonate</p> <p>Cable gland - nickel plated brass</p> <p>Fasteners - stainless steel</p> <p>Light fixtures are provided with anti condensation valve.</p>
<p>Environment</p>	<p>Temperature range: - 55° to +55°</p> <p>Degree of protection: IP X8</p> <p>Ka tested: Salt mist</p>
<p>Mounting</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Ø160mm ElectroMax Shallow Base</p>  </div> <div style="text-align: center;"> <p>Ø8" IEC type Shallow Base with Adapter Ring</p>  </div> <div style="text-align: center;"> <p>Mounted on Ø160mm Base</p>  </div> </div>

Electrical Characteristics

Power consumption: 4.5W

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-010-02-BL
- 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)

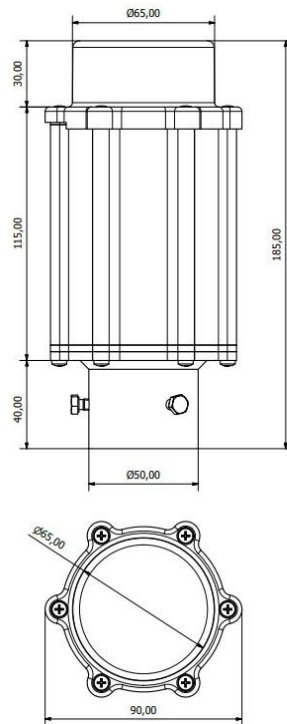
- 1.4A CC power supply from controller with 2 core cable
 - V+** (red mark)
 - V-** (blue mark)

Mechanical Characteristics

Diameter: 65 mm

Total height: 185 mm

Weight: 1 kg



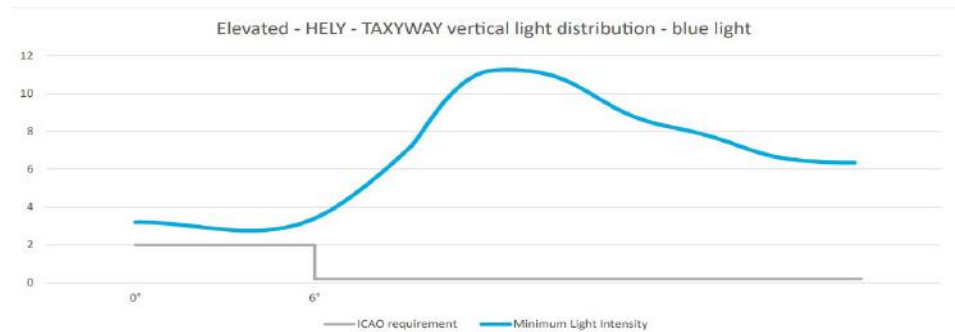
Photometric Characteristics

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

Horizontal output: 360°

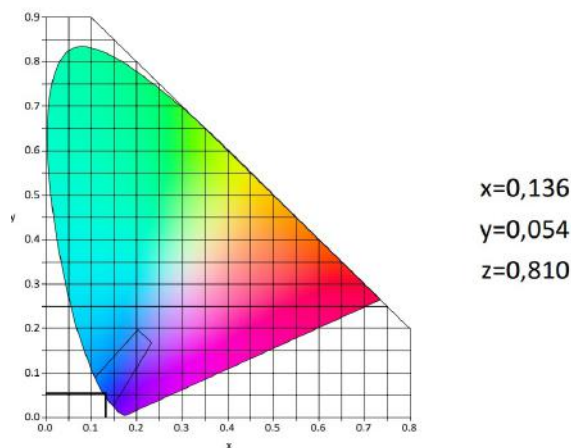
Light colour: Blue light

Vertical elevation angle:	0 - 6	>6
Required minimum intensity [cd]:	2	0.2
Measured minimum intensity [cd]:	3.4	11.4



The brightness intensity values complies with:
ICAO requirements Annex 14 Vol.1 cap.5.3.18.8

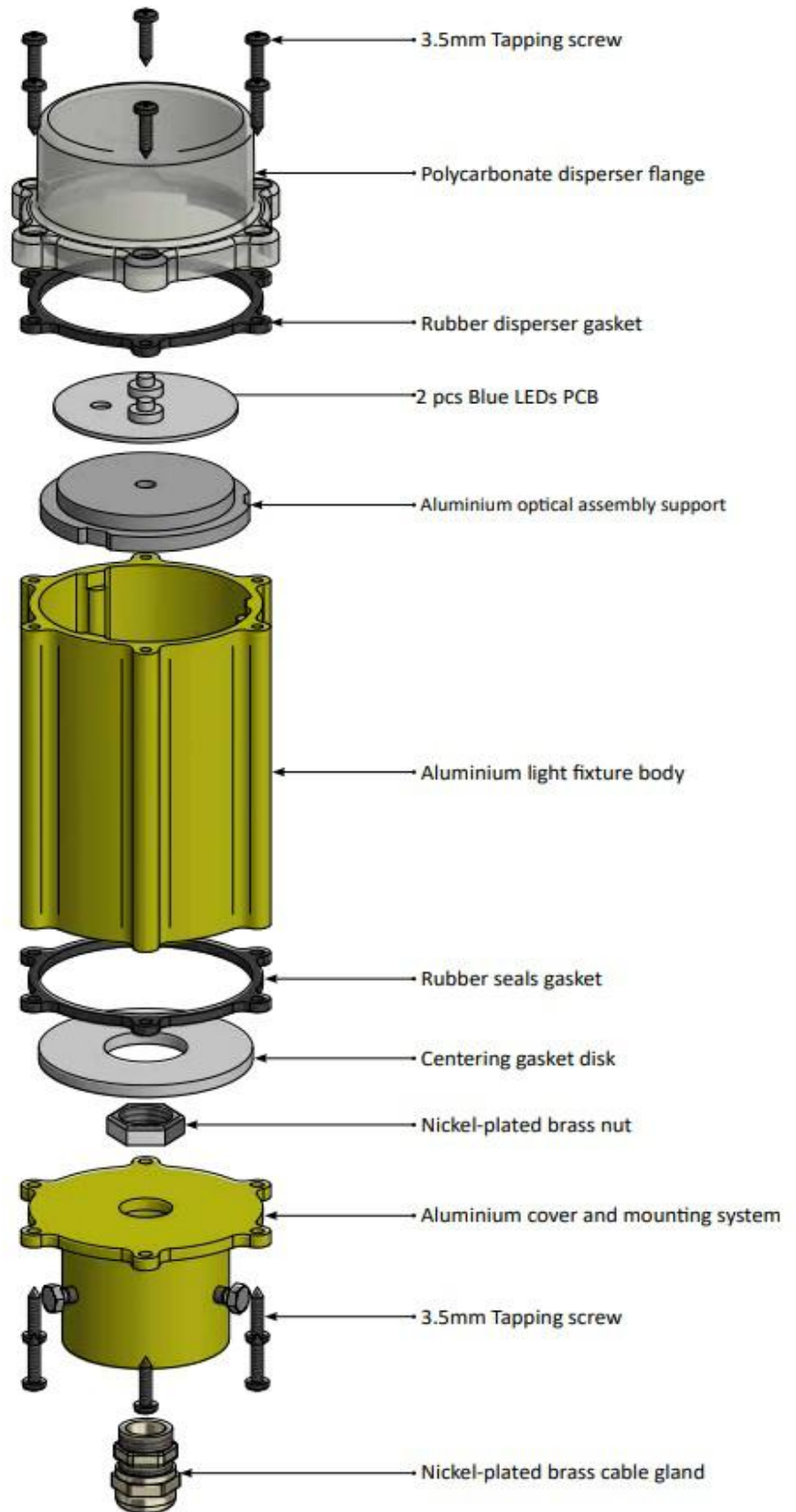
The light colour emitted by the light fixture is blue, with the trichromatics coordinates:



The measured trichroamtic 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

#	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	



Signalight

+40 254 515 465
office@signalight.com

36 Lunca Street, Petrosani,
Hunedoara County, Romania

www.signalight.com