






Vista Approach



Compliance to standards	<p>ICAO: International Civil Aviation Organization, Aerodromes, Annex 14, Vol. 1</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>								
Application	<p>Elevated Directional Approach Runway lights indicating for airplane pilots the landing direction on an Airport runway, low and medium intensity according ICAO.</p> <p>The VISTA design has been done in such way as to provide maximum safety. It is a reliable and flexible product, being easy to fit into any kind of infrastructure.</p>								
Features	<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>								
Product Code	<p>AL - 101 - 03 - WH</p> <table> <tr> <td>Series Indicator (Airfield Lighting)</td><td>AL</td></tr> <tr> <td>Product Indicator</td><td>101</td></tr> <tr> <td>LEDs Number</td><td>03</td></tr> <tr> <td>LEDs Light Colour (white)</td><td>WH</td></tr> </table>	Series Indicator (Airfield Lighting)	AL	Product Indicator	101	LEDs Number	03	LEDs Light Colour (white)	WH
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<p>Description</p>	<p> Housing - Powder coated aluminium RAL 1004 (aviation yellow)  Dispenser - clear polycarbonate Cable gland - nickel plated brass Fasteners - stainless steel </p> <p>Light fixtures are provided with anti condensation valve.</p>
<p>Environment</p>	<p> Temperature range: - 55° to +55° Degree of protection: IP X8 Ka tested: Salt mist </p>
<p>Mounting</p>	<div> <div> <p>Φ160mm ElectroMax Shallow Base</p>  </div> <div> <p>Φ8" IEC type Shallow Base with Adapter Ring</p>  </div> </div> <div> <div> <p>Mounted on Φ260mm Base with Frangible Coupling</p>  </div> <div> <p>Mounted on Pyramid</p>  </div> </div>

Electrical Characteristics

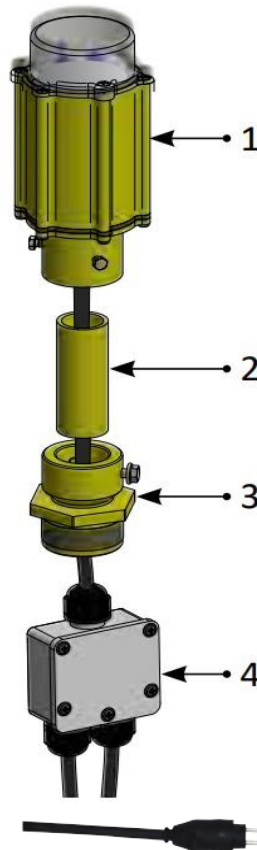
Power consumption:

Low intensity- 5W
Medium intensity - 13W

Power supply:

90-230V, 50/60HZ - non dimmable
1.4A DC - dimmable: 100%, 30%, 10%

Electrical Connections



- 1.Light Flxture pre cabled with 0,5m cable
Code:AL 101-03-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
- 5.Cable with connector KDC501 EFLA
Code:AL-122-AX

Types of power supply:

230V AC directly from mains power supply
Live (brown)
Neutral (blue)
Ground (green/yellow)

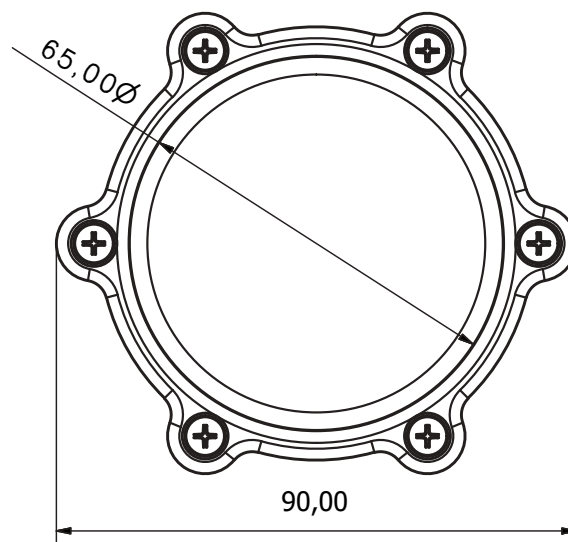
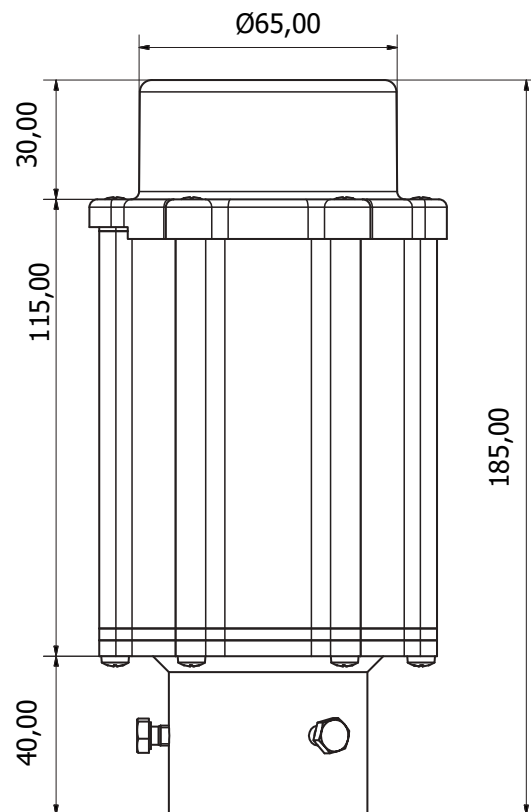
1.4A DC power supply from controller with 2 core cable
V+ (red mark)
V- (blue mark)

**Mechanical
Characteristics**

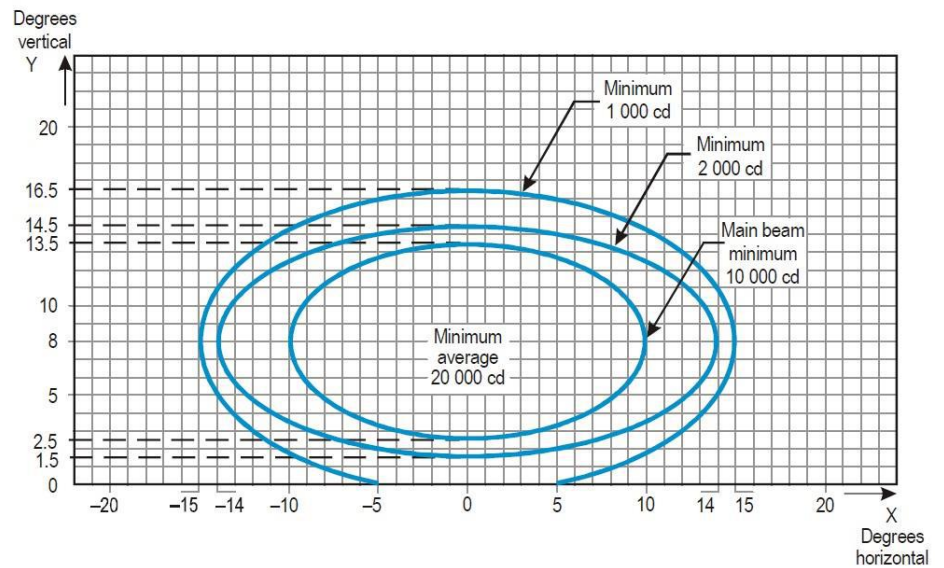
Diameter: 65 mm

Total height: 185 mm

Weight: 1 kg



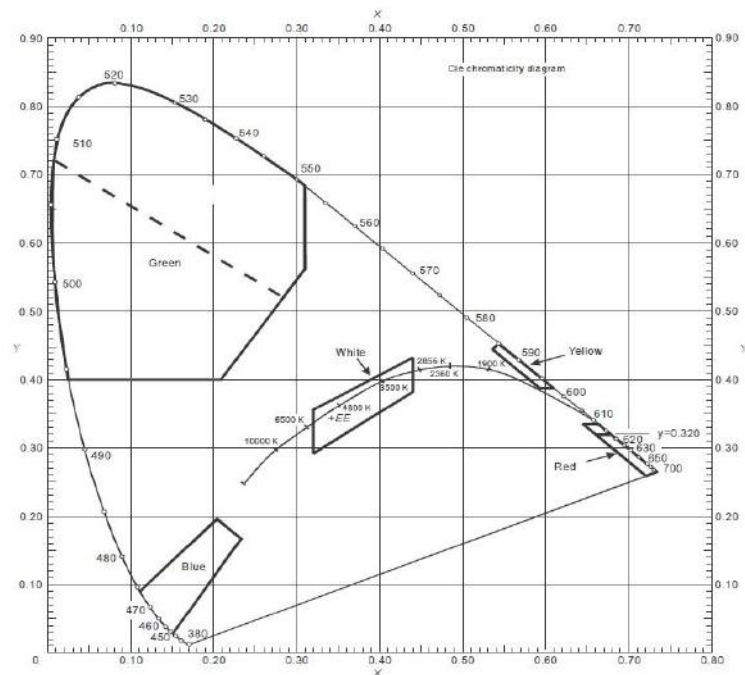
Photometric Characteristics



ICAO requirements Annex 14 Vol.1 Fig. A2-1.

Low intensity: 10% Average main beam 2000 cd

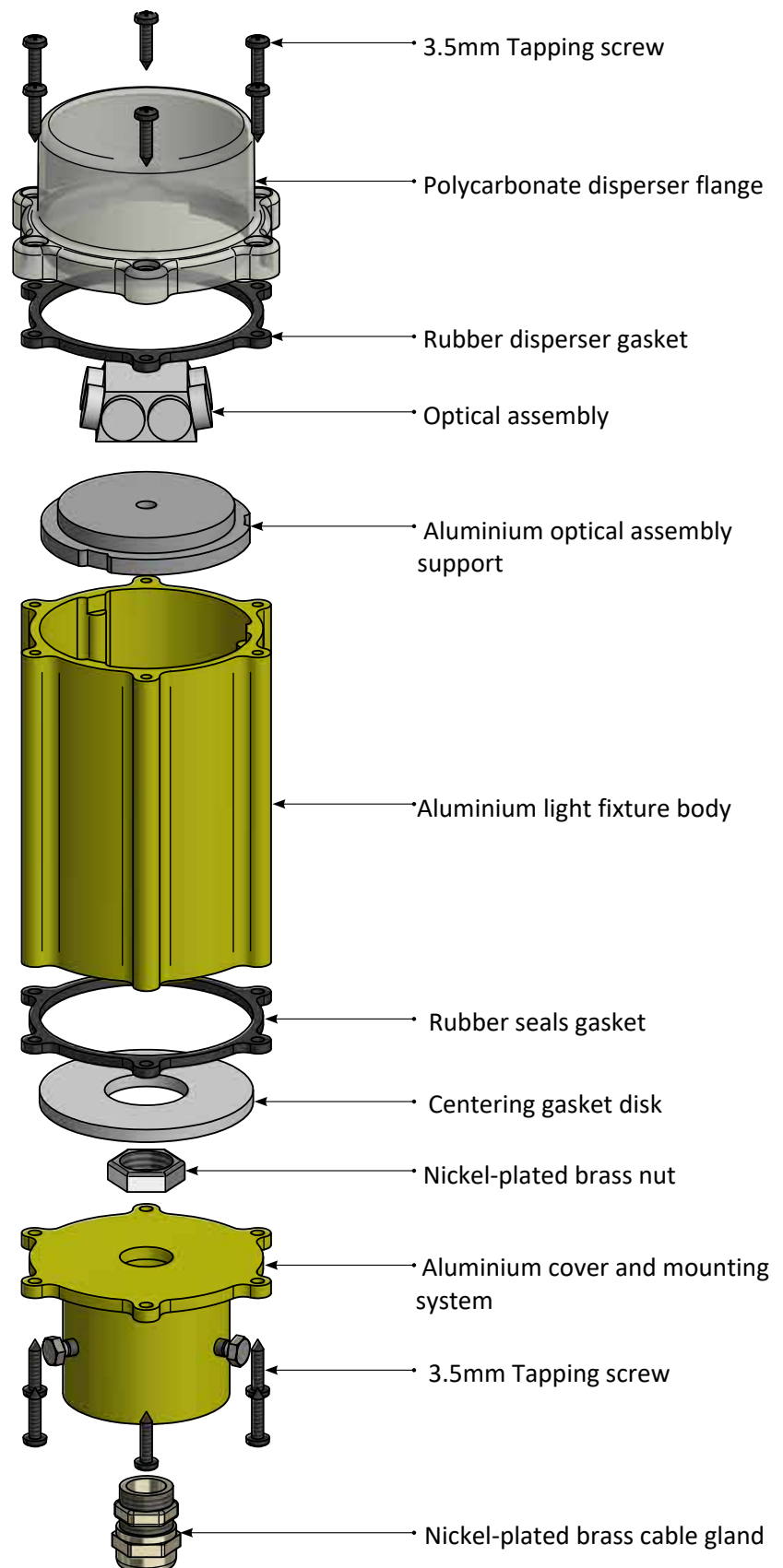
Medium intensity: 30% Average main beam 6000 cd



The measured trichromatic coordinates correspond to colour range requirements in:

ICAO Annex 14 - Aerodromes Vol.1, Fig. A1-1b. 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	
10	Cable with connector KDC501 EFLA	AL-122-AX	



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