














Vista Runway End



<p>Compliance to standards</p>	<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>								
<p>Application</p>	<p>Elevated Directional RED LED lights indicating the END of the 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>								
<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 - 106 - 02 - RE</p> <table data-bbox="576 1375 1273 1505"> <tr> <td>Series Indicator (Airfield Lighting)</td> <td>AL</td> </tr> <tr> <td>Product Indicator</td> <td>106</td> </tr> <tr> <td>LEDs Number</td> <td>02</td> </tr> <tr> <td>LEDs Light Colour (red)</td> <td>RE</td> </tr> </table>	Series Indicator (Airfield Lighting)	AL	Product Indicator	106	LEDs Number	02	LEDs Light Colour (red)	RE
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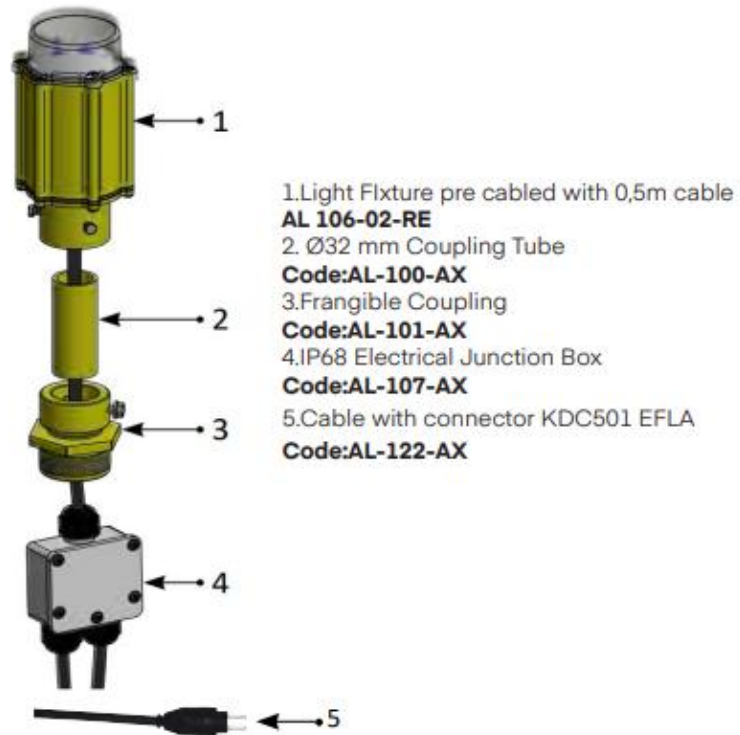
<p>Description</p>	<p>Housing - Powder coated aluminium RAL 1004 (aviation yellow) </p> <p>Dispenser - clear polycarbonate</p> <p>Cable gland - nickel plated brass</p> <p>Fasteners - stainless steel</p> <p>Light fixtures are provided with anti condensation valve.</p>				
<p>Environment</p>	<p>Temperature range: - 55° to +55°</p> <p>Degree of protection: IP X8</p> <p>Ka tested: Salt mist</p>				
<p>Mounting</p>	<table border="0"> <tr> <td data-bbox="531 902 877 1299"> <p>Φ160mm ElectroMax Shallow Base</p>  </td> <td data-bbox="877 902 1372 1299"> <p>Φ8" IEC type Shallow Base with Adapter Ring</p>  </td> </tr> <tr> <td data-bbox="531 1299 877 1653"> <p>Mounted on Φ260mm Base with Frangible Coupling</p>  </td> <td data-bbox="877 1299 1372 1653"> <p>Mounted on Pyramid</p>  </td> </tr> </table>	<p>Φ160mm ElectroMax Shallow Base</p> 	<p>Φ8" IEC type Shallow Base with Adapter Ring</p> 	<p>Mounted on Φ260mm Base with Frangible Coupling</p> 	<p>Mounted on Pyramid</p> 
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Electrical Characteristics

Power consumption: Low intensity- 3W
Medium intensity-

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

Electrical Connections



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)

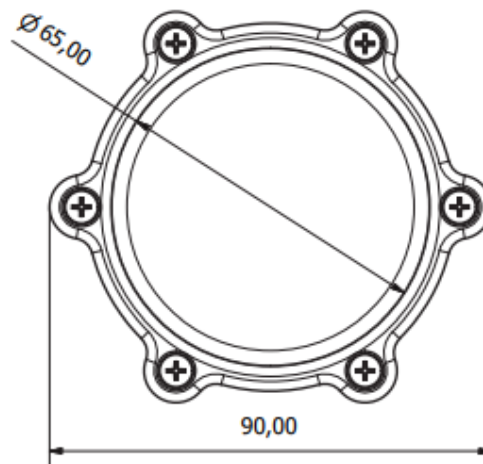
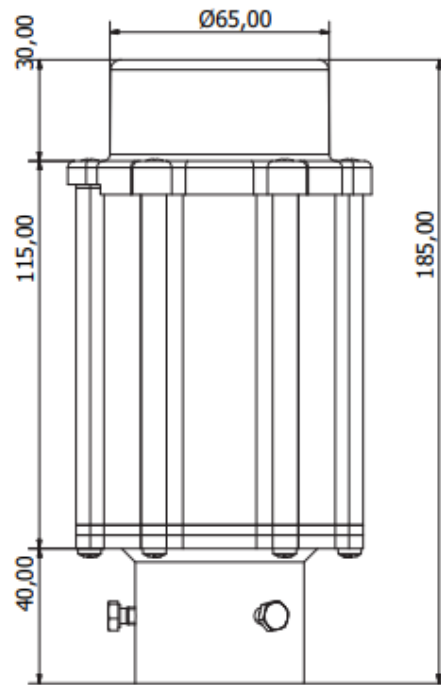
V- (blue mark)

**Mechanical
Characteristics**

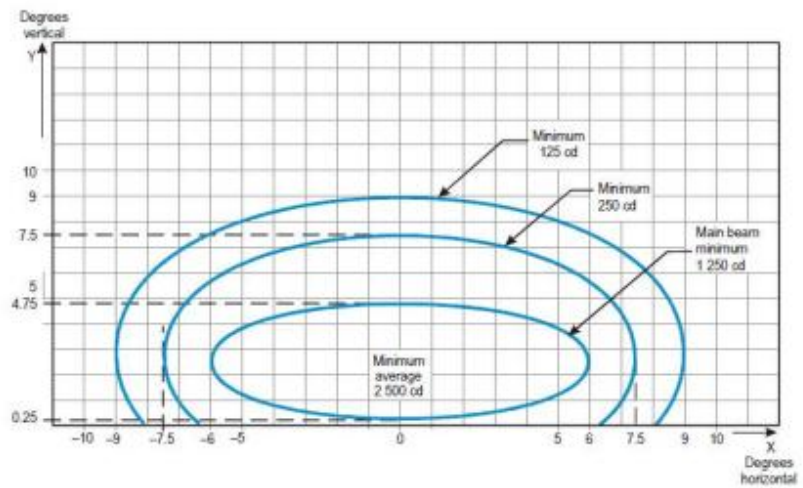
Diameter: 65 mm

Total height: 185 mm

Weight: 1 kg



Photometric Characteristics



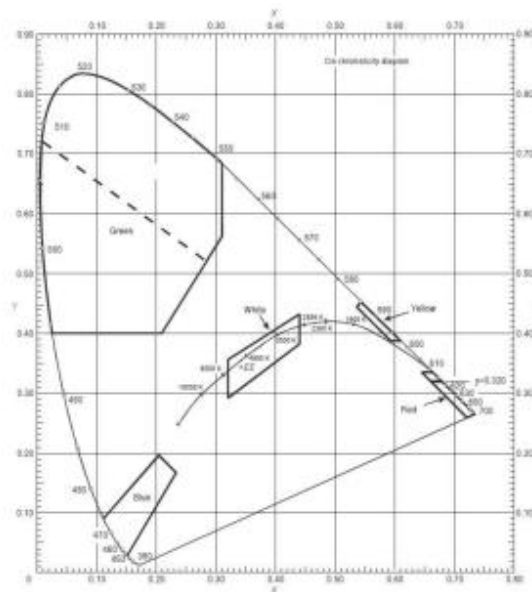
ICAO requirements Annex 14 Vol.1 Fig. A2-8.

Low intensity: 10%

Average main beam 250cd

Medium intensity: 30%

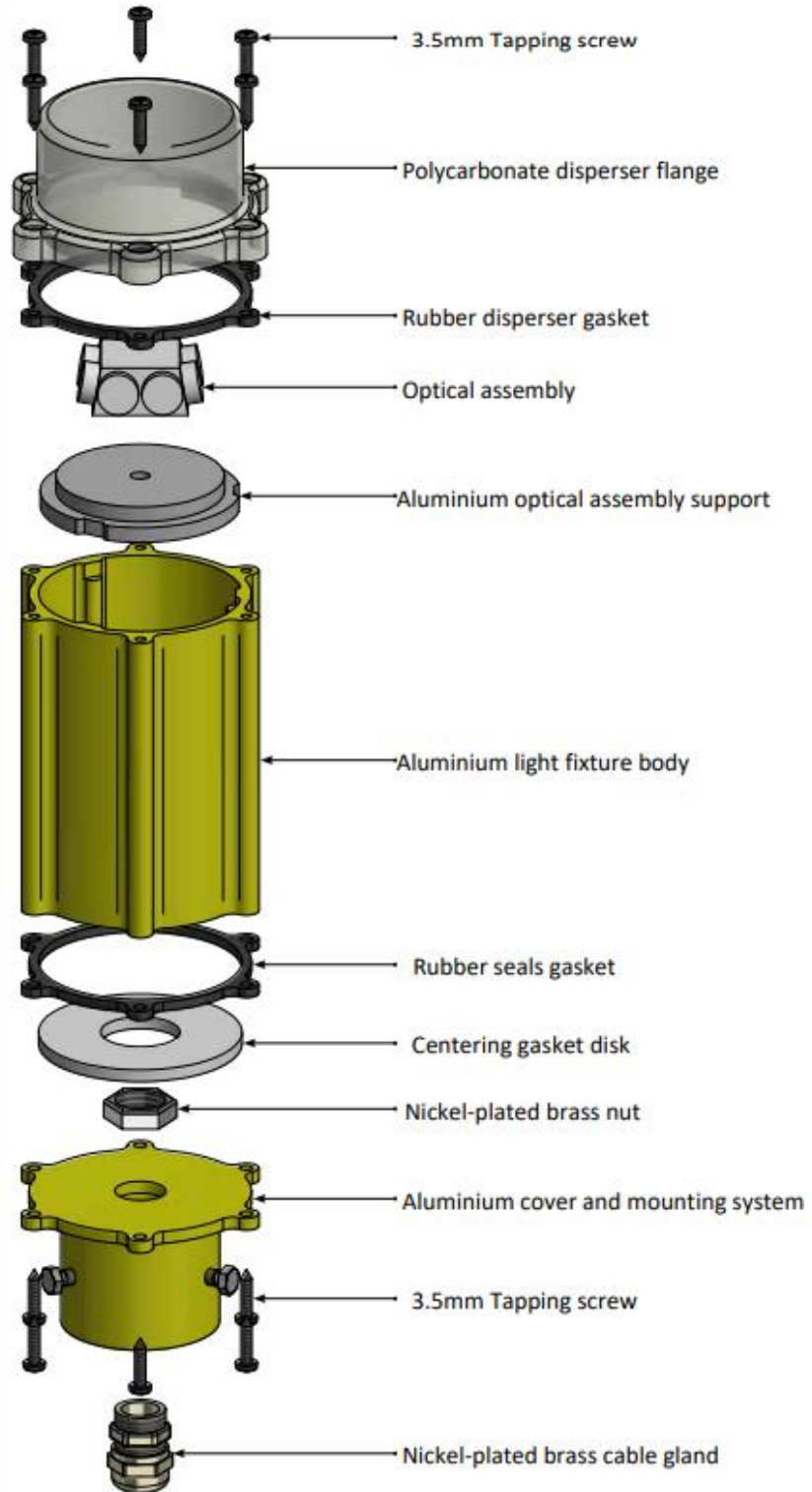
Average main beam 750 cd



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

#	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	