






Vista Runway Edge



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|---------------------------------------|---|--------------------------------------|-----------|-------------------|------------|-------------|-----------|----------------------------------|--------------|
| <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 Bidirectional and omnidirectional Runway EDGE and circling lights indicating the edge 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 - 103 - 06 - WH/YE</p> <table data-bbox="555 1352 1289 1487"> <tr> <td>Series Indicator (Airfield Lighting)</td> <td>AL</td> </tr> <tr> <td>Product Indicator</td> <td>103</td> </tr> <tr> <td>LEDs Number</td> <td>06</td> </tr> <tr> <td>LEDs Light Colour (white/yellow)</td> <td>WH/YE</td> </tr> </table> | Series Indicator (Airfield Lighting) | AL | Product Indicator | 103 | LEDs Number | 06 | LEDs Light Colour (white/yellow) | WH/YE |
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| LEDs Light Colour (white/yellow) | WH/YE | | | | | | | | |

| | | |
|---------------------------|---|--|
| <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> | <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>  |

Electrical Characteristics

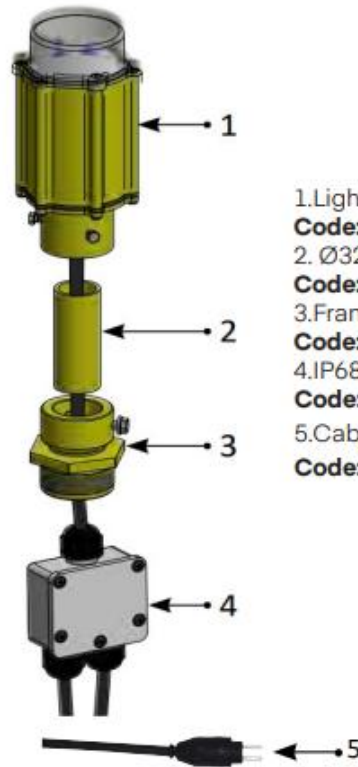
Power consumption:

Low intensity- 9W
Medium intensity- 13W

Power supply:

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

Electrical Connections



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

Code:AL 103-06-WH/YE

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)

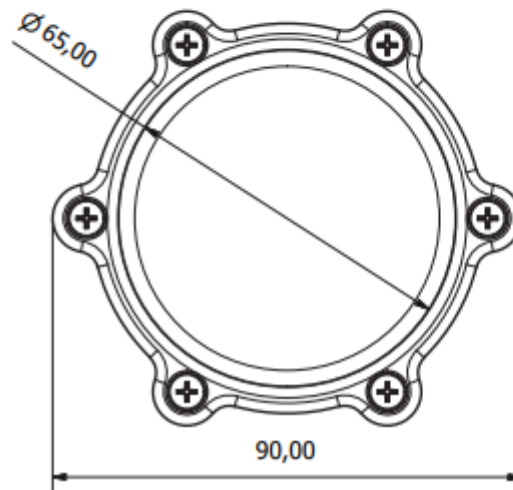
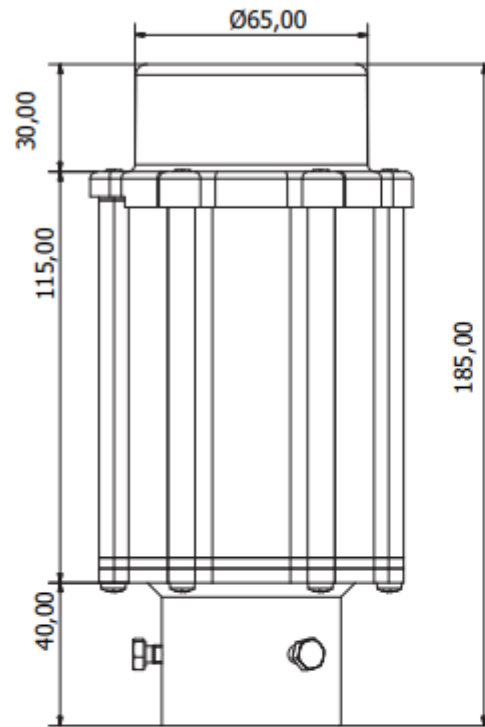
V- (blue mark)

**Mechanical
Characteristics**

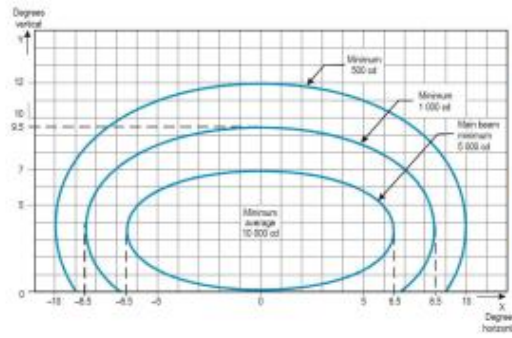
Diameter: 65 mm

Total height: 185 mm

Weight: 1 kg

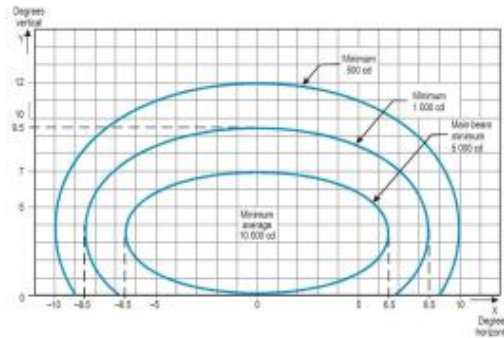


Photometric Characteristics



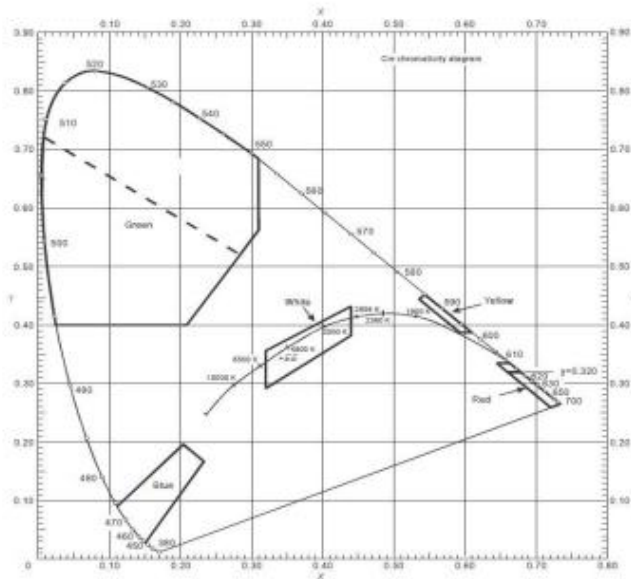
ICAO requirements Annex 14 Vol.1 Fig. A2-10. WHITE

Low intensity: 10%
Average main beam 1000cd
Medium intensity: 30%
Average main beam 3000cd



ICAO requirements Annex 14 Vol.1 Fig. A2-10. YELLOW

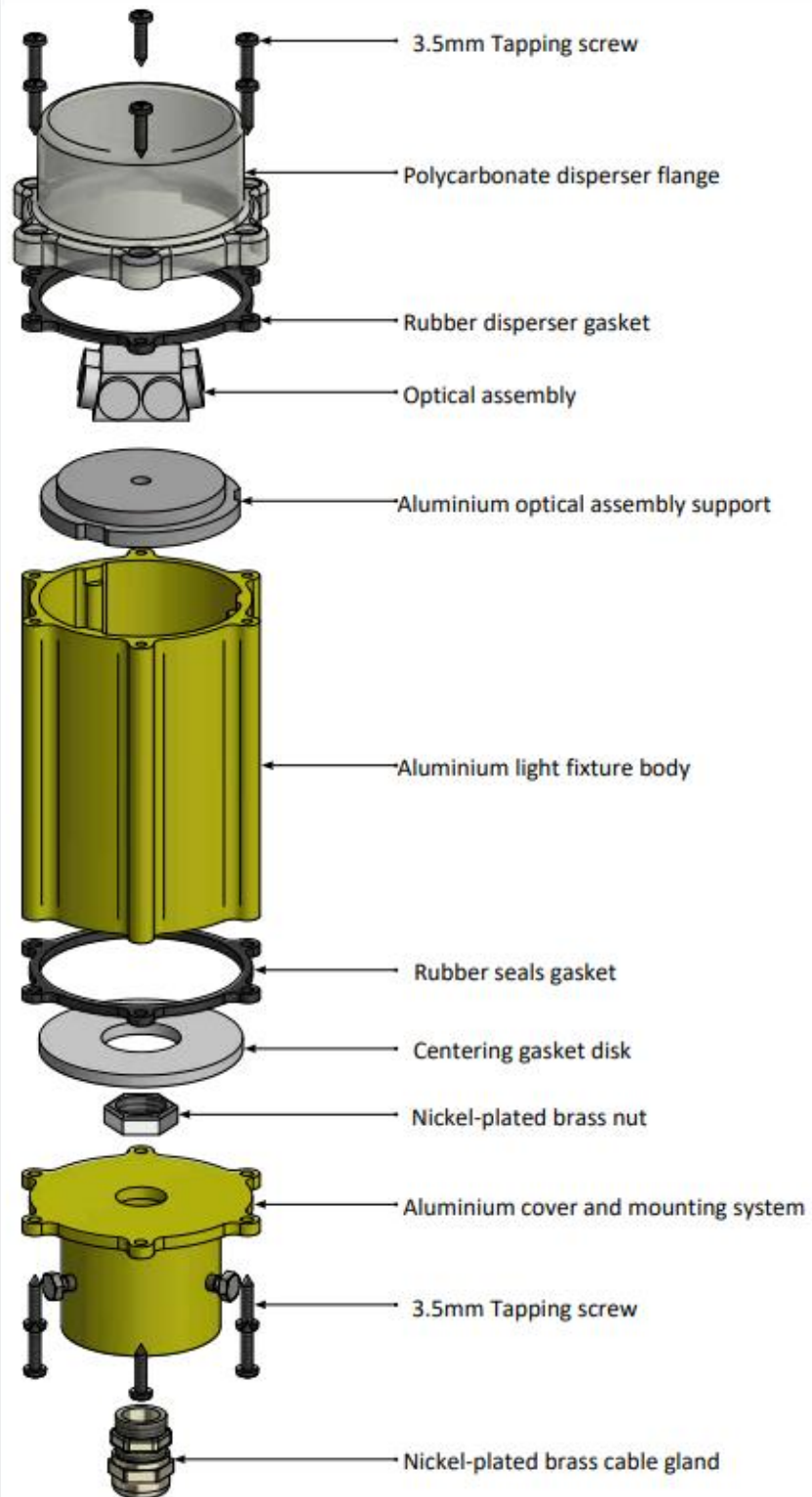
Note for yellow: multiply values by 0.40.



The measured trichromatic coordinates correspond to colour range requirements in:

ICAO Annex 14 - Aerodromes Vol.1, fig, A1-1b. Colours for aeronautical ground lights

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 |  |