

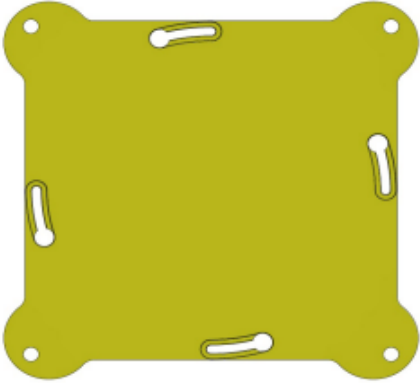


POLARIS THRESHOLD END



Description	<p>Housing - powder coated aluminium RAL 1004 (aviation yellow) </p> <p>Dispenser - clear polycarbonate UV resistant</p> <p>Cable gland - nickel plated brass</p> <p>Fasteners - stainless steel</p> <p>Casing - polycarbonate UV resistant</p> <p>Carrying handle - aluminum</p> <p>Light fixtures are provided with anti condensation valve.</p>
Environment	<p>Temperature range: - 55° to +55°</p> <p>Degree of protection: IP X8</p> <p>Ka tested: Salt mist</p>
Mounting	<p>1. Polaris Solar panel stand AL-123-AX</p>  <p>2. Polaris base plate AL-124-AX</p> 

Electrical Characteristics

Power consumption: 7W

Power supply: Power supply is provided by 1 rechargeable deep cycle sealed lead acid battery 12V - 12Ah (optional different battery can be used)

Lifespan: 1200 cycles

User-replaceable

Air transportable

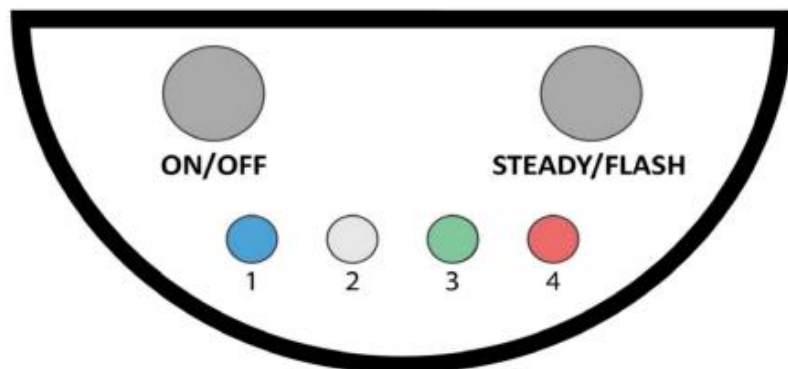
Battery Charging

The battery charger can be made in individual trays, in bigger racks or with solar panels.



Battery Monitoring & Charging:

The battery status is constantly monitored and a set of four LEDs gives a permanent indication.

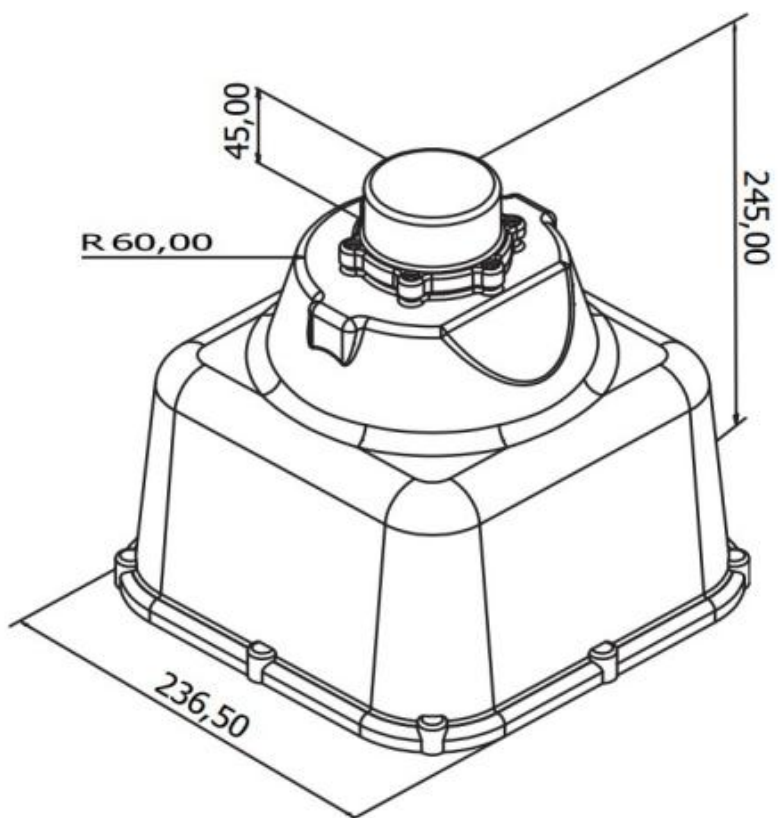


**Mechanical
Characteristics**

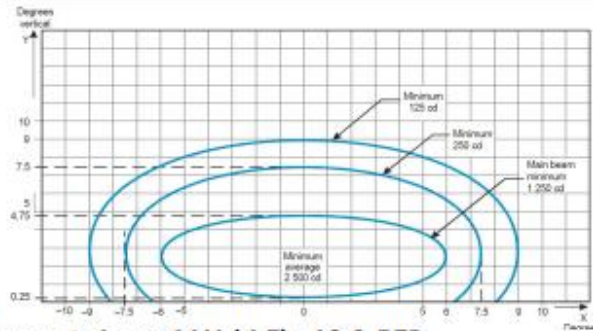
Width: 236.5 mm

Total height: 245 mm

Weight: 5.9 kg

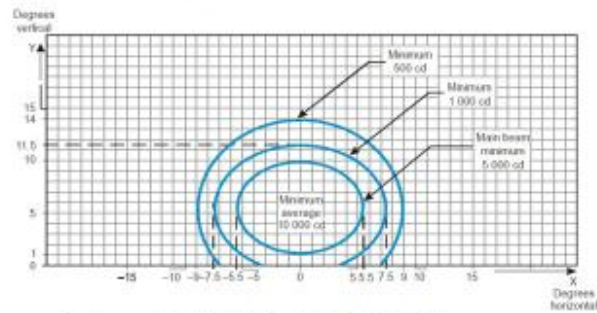


Photometric Characteristics



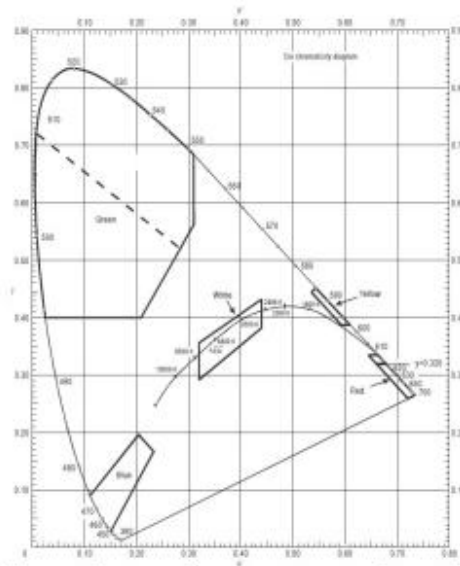
ICAO requirements Annex 14 Vol.1 Fig. A2-8. RED

Low intensity: 10% Average 250 cd
 Medium intensity: 30% Average 750 cd



ICAO requirements Annex 14 Vol.1 Fig. A2-3. GREEN

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






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)

Accessory

1	Polaris Solar panel stand	AL-123-AX	
2	Polaris base plate	AL-124-AX	
3	Individual charger	AL-125-AX	
4	Charging rack	AL-126-AX	