

## Features / Benefits

- Base on LED-technology
- Extremely reliable - long lifetime
- Very low power consumption
- 220 V<sub>AC</sub> nominal supply voltage
- Stabilised light output
- Suitable for off-shore use
- Resistant to shock and vibration
- Lightweight and small - low wind load factor
- Easy to install
- No RF-radiations

## Specifications Met

- ICAO ( International Civil Aviation Organization )  
International Standards and Recommended Practices  
Aerodrome Design and Operations  
Annex 14 Volume 1, Fourth Edition, July 2004  
Chapter 6 : Low Intensity, Type A Fixed Obstacle Light



Alpha<sup>®</sup> LIA.1.220

## Application

- Designed for steady burning, this fixture is used to mark any obstacle that may present hazard to aircraft navigation and used where the object height above the surrounding ground level is less than 45 meters.

## Optical Characteristics

- Intensity better than 10 cd
- Colour aviation red
- Horizontal radiation pattern 360°
- Vertical radiation pattern 20°
- Fixed light pattern - night use only

## Electrical Characteristics

- LEDs in 4 separate groups
- Nominal operating voltage 220 V<sub>AC</sub> / 50 Hz
- Power consumption less than 4 W
- Operating voltage range 160 ... 250 V<sub>AC</sub>
- Wire 2 core 0.75 mm<sup>2</sup>, length 1 meter

## Mechanical Characteristics

- Durable injection moulded UV-stabilised polycarbonate
- Yellow colour
- Weather protection to IP 67
- Operating temperature range -30°C ... +65°C

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Order code : Alpha<sup>®</sup> LIA.1.220



OPERATING VOLTAGE

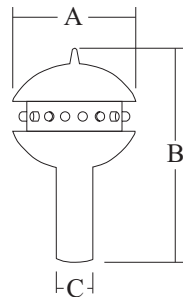
**220 V<sub>AC</sub>**



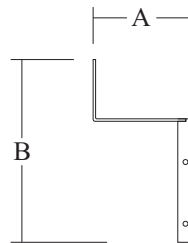
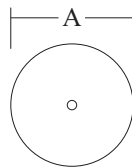
**CAUTION ! LED RADIATION**

DO NOT STARE INTO LED BEAM OR VIEW  
DIRECTLY WITH OPTICAL INSTRUMENTS.

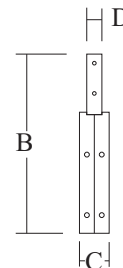
**MECHANICAL DATA**



LIA.1.220

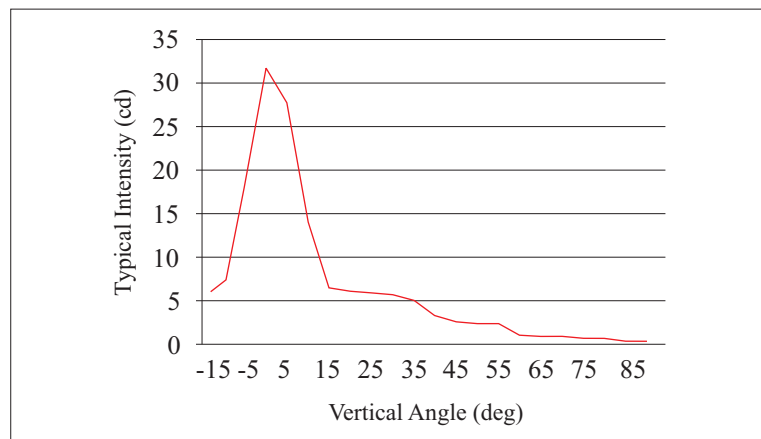


BRACKET



	DIMENSION ( mm )				WEIGHT ( kg )
	A	B	C	D	
LIA.1.220	130	220	35	-	1.05
BRACKET	150	296	52	25	0.55

**PHOTOMETRIC DATA**



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