

Features / Benefits

- Base on LED-technology
- Extremely reliable - long lifetime
- Very low power consumption
- Solar power
- Stabilised light output
- Resistant to shock and vibration
- Lightweight and small - low wind load factor
- Easy to install
- Absolutely 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 B Fixed Obstacle Light



Alpha[®] LIB.1.S

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 or greater than 45 meters.

Optical Characteristics

- Intensity better than 32 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 12 V_{DC}
- Power consumption less than 10 W
- Operating voltage range 9 ... 18 V_{DC}
- 40 Wp Solar Module complete with controller
- 50 Ah Photovoltaic Battery
(standby for 3 cloudy days)
- Wire 2 core 0.75 mm², length 2 x 3 meters

Mechanical Characteristics

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

MUSTIKA ALAM SEJAHTERA Co., Ltd.

Address : Raya Ngaliyan Km 4,2 Kav. 41
Semarang - Central Java 50181
Indonesia

Telephone : +62 24 762 8243
Facsimile : +62 24 762 8293
Email : info@alam.co.id
Website : <http://www.alam.co.id>

Order code : Alpha[®] LIB.1.S



OPERATING VOLTAGE

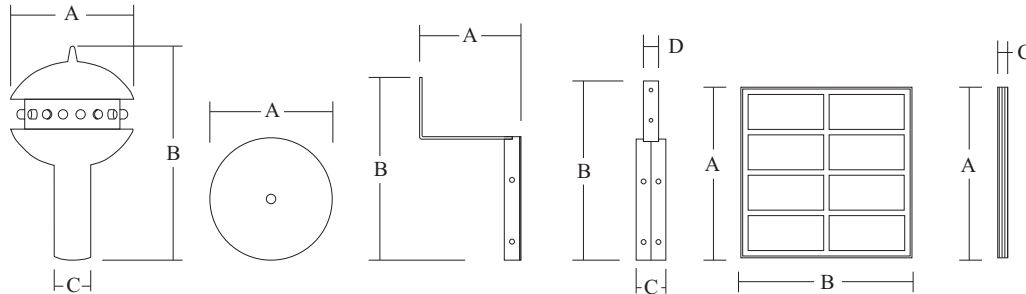
12 V_{DC}



CAUTION ! LED RADIATION

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

MECHANICAL DATA

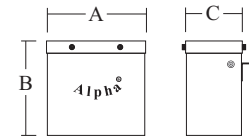


LIB.1.S

BRACKET

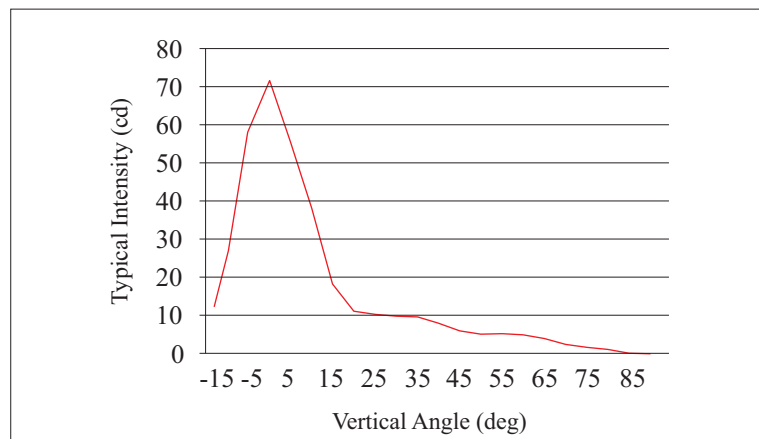
40 Wp SOLAR MODULE

	DIMENSION (mm)				WEIGHT kg
	A	B	C	D	
LIB.1.S	130	220	35	-	1.10
BRACKET	150	296	52	25	0.55
40 Wp SOLAR MODULE	660	658	33	-	7.8
BATTERY	285	263	193	-	28



BATTERY

PHOTOMETRIC DATA



Order code : **Alpha® LIB.1.S**

MUSTIKA ALAM SEJAHTERA Co., Ltd.

Address : Raya Ngaliyan Km 4,2 Kav. 41
Semarang - Central Java 50181
Indonesia

Telephone : +62 24 762 8243

Facsimile : +62 24 762 8293

Email : info@alam.co.id

Website : <http://www.alam.co.id>



OPERATING VOLTAGE

12 V_{DC}



CAUTION ! LED RADIATION

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