
Lithium Ion Solar LED Light
Middle Capa Plus V2 Dual Type (Panel Angle 30°)
Model Number: MDCP-L1T5
Delivery Specifications

L-Kougen Co. Ltd.
5-10-16, Funabori Edogawa-ku, Tokyo
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Basic Specifications

①	General	Continuous Lighting Time	14 hours maximum
		Wind speed standard	60m/sec
		Guarantee for Maximum Number of Days under low Sunlight	The Weather Synchronization System keeps lighting with controlling the brightness
②	Controller	Load Operation	Detect sunrise/sunset from solar panel output voltage to turn light on/off ※GPS time control is available as option
		Charge Controller	Over-charge and over-discharge control
		Rated Voltage	DC 24V
		Power Consumption	0.05W
		Suitable Battery	Lithium Iron Phosphate Battery (custom ordered)
③	Solar cell	Nominal Maximum Output	50W
		Nominal Voltage	12V
		Solar Cell Type	Monocrystalline Silicon
④	Storage Battery	Nominal Voltage	12V
		Rated Capacity	264Wh (13.2V5Ah [1 hour rate] x 4)
		Comments	D.O.D 100% Expected Lifespan: more than 15 years
⑤	Main Components	Pole	STK 400 Galvanized steel, polyurethane coated
		Solar Cell Cradle	SUS304 Extruded (T6), Acrylic with paint finish
		LED Light	Enclosure: Die-cast aluminum with paint finish Cover: acrylic resin
		Light Support	SUS304 with paint finish

Quantity Table

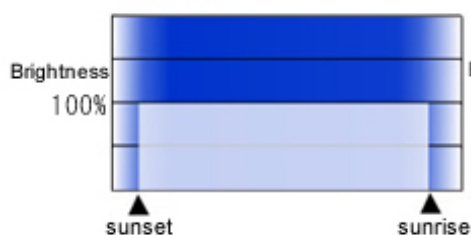
1	Solar Cell and Battery Unit	1
2	Solar Cell Cradle	1
3	LED Light Support	1
4	LED Light	1
5	Pole	1
6	Anchor Bolt Set	1

Lighting Modes

100% brightness : about 850 lm

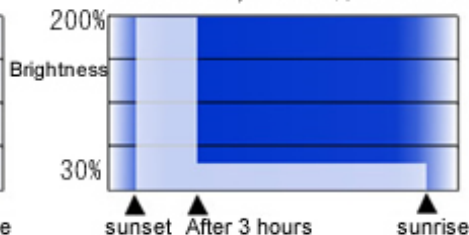
Mode A

Brightness at 100% from sunset to sunrise



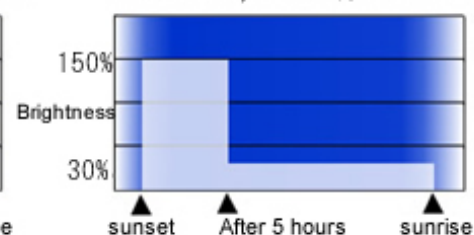
Mode B

Brightness at 200% for three hours after sunset, then 30% until sunrise



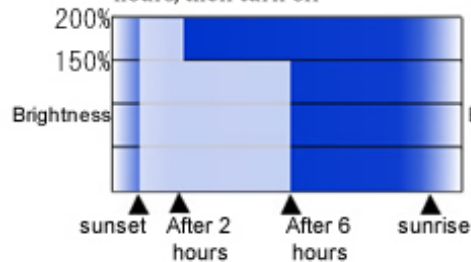
Mode C

Brightness at 150% for five hours after sunset, then 30% until sunrise



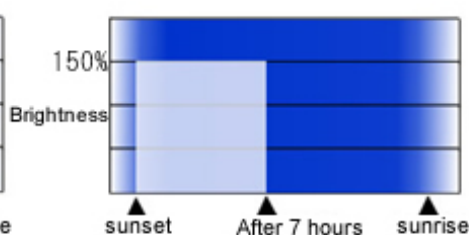
Mode D

Brightness at 200% for two hours after sunset, then 150% for four hours, then turn off



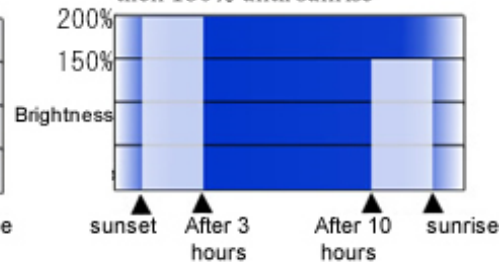
Mode E

Brightness at 150% for seven hours after sunset, then turn off



Mode F

Brightness at 200% for three hours after sunset, off for seven hours, then 150% until sunrise



Pre-shipment Inspection and Quality Assurance

1. We will assign a grade based on a separately determined inspection form, which we will send with the delivery
2. The warranty is valid through the period indicated in the warranty. We will replace defective items as per our warranty. Unfortunately, we will not take responsibility for any secondary damage (i.e. construction fees, rental costs, etc.).