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Lithium Ion Solar LED Light  
Middle Capa Plus V2 Pole-Mounted Model  
Model Number: MDCN-L1N5  
Delivery Specifications

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

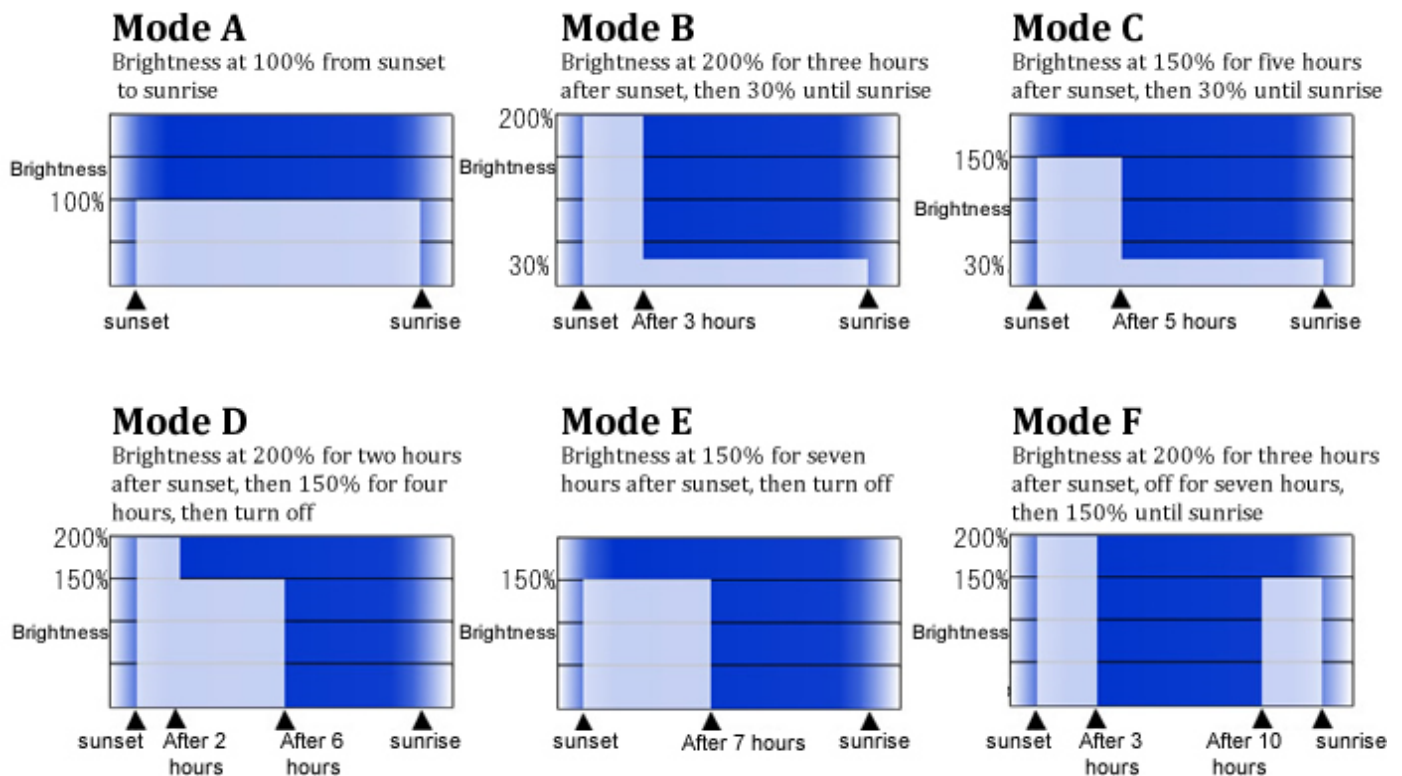
①	General	Continuous Lighting Time	14 hours maximum
		Lighting Equipment	Power LED for lighting x 6
		Guarantee for Maximum Number of Days Without Sunlight	365 days with Weather Synchronization System
②	Controller	Load Operation	Detect sunrise/sunset from solar panel output voltage to turn light on/off
		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 Battery	Nominal Maximum Output	50W
		Nominal Voltage	12V
		Solar Cell Type	Monocrystalline Silicon
④	Storage Battery	Nominal Voltage	12V
		Rated Capacity	132Wh (13.2V5Ah [1 hour rate] x 2)
		Comments	D.O.D 100%                      Expected Lifespan: more than 15 years
⑤	Main Components	Solar Cell Cradle	SUS304 Extruded (T6), Acrylic with paint finish
		LED Light	Enclosure: Die-cast aluminum with paint finish    Cover: acrylic resin
		Mounting Bracket for Light	SUS304
		Mounting Bracket for Cradle	ZAM steel plate

## Quantity Table

1	Solar Cell and Battery Unit	1
2	Solar Cell Cradle	1
3	Mounting Bracket for Cradle	1
4	LED Light	1
5	Mounting Bracket for Light	1

## Lighting Modes

Maximum brightness : about 850 lm



## 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.).