

## CL-060W-0100W-COB-01 Datasheet



Technical Data	CL-060W-COB-01	CL-080W-COB-01	CL-0100W-COB-01
<b>LED Light</b>			
Power (W)	60W	80W	100W
Input Voltage (V)	24V	24V	24V
Luminous efficacy (Lm/W)	≥150Lm/W	≥150Lm/W	≥150Lm/W
Color Temperature	5000K - 6000K	5000K - 6000K	5000K - 6000K
Whole Set Luminous	9000Lm/W	12000Lm/W	15000Lm/W
Protection Class	IP65	IP65	IP65
Life Span	>50000 Hours	>50000 Hours	>50000 Hours
Lamp Body Material	Steel & Aluminum	Steel & Aluminum	Steel & Aluminum
Product Size (mm)	430*240*75	430*240*75	430*240*75
<b>Solar Panel</b>			
Solar Cell	Polycrystalline/Monocrystalline	Polycrystalline/Monocrystalline	Polycrystalline/Monocrystalline
Peak Power (Pmax)	200W	250W	150W x 2
Rated Voltage (Vmp)	36V	36V	36V
Rated Current (Imp)	5.56A	6.94A	4.17A
Open Circuit Voltage (Voc)	45V	45.0V	44V
Short Circuit Current (Isc)	6A	7.50A	4.7A
<b>Solar Charger Controller</b>			
Voltage (VDC)	24V	24V	24V
Rated Load Current (A)		10A	
Protection Class		IP67	
Electrical Surge Protection		Up to 4kVa	
On-Off System		Celesta Brightness Current Sensing	
Efficiency Energy for Led Power Consumption			
<b>Battery</b>			
Battery Type		Deep Cycle GEL Battery	
Protection Class		IP67	
Nominal Voltage	12V*2	12V*2	12V*2
Nominal Capacity	80Ah*2	100Ah*2	120Ah*2