



CL-030W-050W-COB-01 Datasheet

Technical Data	CL-030W-COB-01	CL-040W-COB-01	CL-050W-COB-01
LED Light			
Power (W)	30W	40W	50W
Input Voltage (V)	12V	24V	24V
Luminous efficacy (Lm/W)	≥150Lm/W	≥150Lm/W	≥150Lm/W
Color Temperature	5000K - 6000K	5000K - 6000K	5000K - 6000K
Whole Set Luminous	4500Lm/W	6000Lm/W	7500Lm/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
Solar Panel			
Solar Cell	Polycrystalline/Monocrystalline	Polycrystalline/Monocrystalline	Polycrystalline/Monocrystalline
Peak Power (Pmax)	100W	150W	150W
Rated Voltage (Vmp)	18V	36V	36V
Rated Current (Imp)	5.56A	4.17A	4.17A
Open Circuit Voltage (Voc)	22.5V	44V	44V
Short Circuit Current (Isc)	6A	4.7A	4.7A
Solar Charger Controller			
Voltage (VDC)	12V	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			
Battery			
Battery Type		Deep Cycle GEL Battery	
Protection Class		IP67	
Nominal Voltage	12V	12V*2	12V*2
Nominal Capacity	65Ah	50Ah*2	70Ah*2