

CL-060W-0100W-COB-02 Datasheet



Technical Data	CL-060W-COB-02	CL-080W-COB-02	CL-0100W-COB-02
LED Light			
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	ABS+GF	ABS+GF	ABS+GF
Product Size (mm)	730*320*128	730*320*128	730*320*128
Solar Panel			
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
Solar Charger Controller			
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			
Battery			
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