



Product data–MELA

Main Features	
Optical cover / lens type	Polycarbonate
Command interface	IR remote control
Guarantee	5 years
Materials	Die-casting Aluminium
Dimmable	Yes
Automatic Dusk to dawn detection	Yes

Electrical Specifications	
Battery type	Lithium battery
Battery capacity (ampere-hour)	>345Wh
Battery voltage	12.8 V
Battery charge and discharge cycles	2000-3000
Panel type	Monocrystalline
Panel voltage	18 V
Peak panel intensity	60 W
Type of charge controller	MPPT

Charger efficiency	>90%
Charge controller power	40 W

Management and gradation	
with gradation	yes
Configuration possibilities	Configurable

Materials and finishes	
Total length	1100 mm
Total width	380 mm
Total height	315 mm
Color	Gray

Standards and recommendations	
Protection index code	IP66

Mechanical shock protection code	IK09
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Initial Performance (IEC Compliant)	
Initial luminous flux	>5200 lm
Initial proximal color temperature	2700-6500 K
Color rendering index (initial)	>70

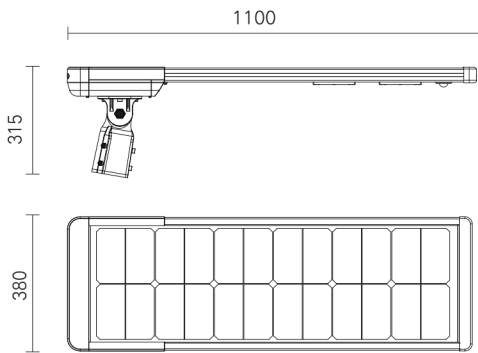
Terms of use	
Ambient temperature range	-20 to +50 °C
Ambient temperature range - load	0 to +45 °C
Ambient temperature range - discharge (when the light is on)	-20 to +50 °C
Autonomy	> 48 h (with fully charged battery)
Profil de gradation solaire	First 2 Hrs – On motion : 100%, without motion :30%Next 3 Hrs – On motion : 60%, without motion :20%Next 6 Hrs On motion : 30%, without motion :10%Rest of

Network connection type	Off grid
Battery location	Inside Luminaire

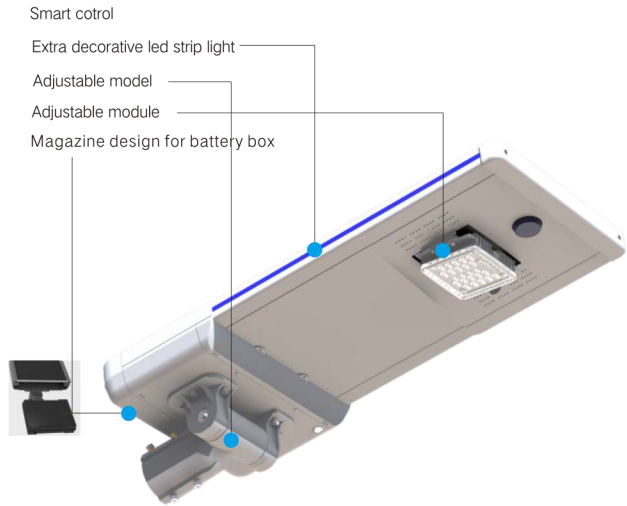
Optional functions	
CCTV	Yes
Extra decorative led strip light	Yes
Electrc supply	Yes
Adjustable module	Yes

IP66 IK09

Dimensional drawing



Functions



Lighting Distribution Curve

