

LED Solar Floodlight



OUTDOOR SERIES



PRODUCT OVERVIEW

The **AL TSA LED Solar Floodlight** provides extreme lumen output and long lasting stability. It is designed to withstand extreme weather conditions with it's fully IP66 rated casing. These luminaires incorporates a monocrystalline solar panel. Lithium Iron Phosphate batteries ensure longer lifespan and increase in charging cycles.

Quality comes standard...



Hours
LIFESPAN



IP66
OUTDOOR



Low
MAINTENANCE



Year
WARRANTY



Product
CERTIFICATION

APPLICATIONS

Houses

Parks

Buildings

Industrial Complexes

Roads

Parking Areas

FEATURES

High Reliability LED Chipsets

Beam Angle: 120°

Charging Time: 6-8 Hours

Discharge Time: 8-12 hours

High Efficiency Monocrystalline Silicon Solar Panel

CONSTRUCTION DETAILS

Aluminium Housing

PMMA Lens

Black/Silver Finish

IP66 Ingress Protection

IK10 Impact Resistance

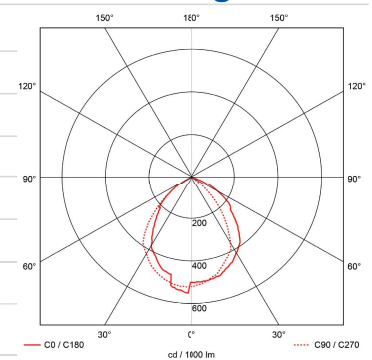
LED Solar Floodlight | Technical Data

MODEL No.:	POWER (W)	LUMEN (lm/W)	PV PANEL (V/W)	SIZE (MM)	LED PER FLOOD	CRI	CCT (K)	RE-CHARGE BATTERY	LED TYPE
MB/SLF/10W	10	160	18V/15W	250x200x68	120PCS	70	2200-6000	6-10HRS	Bridgelux 5730
MB/SLF/10W	20	160	18V/25W	330x255x68	224PCS	70	2200-6000	6-10HRS	Bridgelux 5730
MB/SLF/10W	30	160	18V/30W	360x285x93	324PCS	70	2200-6000	6-10HRS	Bridgelux 5730
MB/SLF/10W	50	160	18V/50W	400x325x108	400PCS	70	2200-6000	6-10HRS	Bridgelux 5730
MB/SLF/10W	60	160	18V/65W	436x395x124	597PCS	70	2200-6000	6-10HRS	Bridgelux 5730
MB/SLF/10W	80	160	18V/65W	436x395x124	597PCS	70	2200-6000	6-10HRS	Bridgelux 5730

MECHANICAL DATA

ILLUMINATION		
Humidity Range:	30-60%	
LED Brand:	Bridgelux 5730	
Operating Temperature:	-20°C ~ 50°C	
Housing Material:	Aluminium With Monocrystalline Silicon Solar Panel	
Lens Material:	PMMA With IK10 Impact Resistance	
Housing Finish:	Black/Silver	
IP Rating	IP66	
Mounting Configuration:	Surface	
Glare Rating:	UGR 22	
Flicker&DLC Specification:	SVM<0.4	DLC V4.0

120 Degree



ELECTRICAL DATA

FEATURES		
Driver:	Bridgelux	EMC Applicable
Electrical Class:	Class 1	Battery Backup 30-90Min 20%
Nominal Voltage Range:	DC12V	Motion Sensor
Power Factor:	>0.95	
THD:	12%	
Surge Protection:	Standard 1000V- Optional 3000V	
Photocell:	External	
Cable Entry:	Bottom	