MOZELEC

SOL É vida

SKYLINE IV

LED **LUMEN**	SAFETY **CLASS I**	SAFETY **CLASS II**

ALUMINUM **ADC-12**	CORROSION RESISTANCE C5	IP **66**	IK **08**

HOUSING COLOR	**TAILORED COLOR**	CRI Ra(80)	120° **BEAM**

IEC CE RoHS COMPLIANT

-30~70°C	100.000h	Eco-Friendly
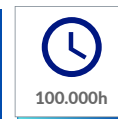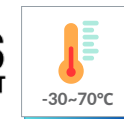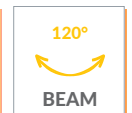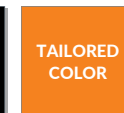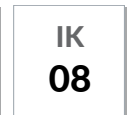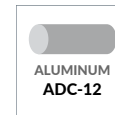
SKYLINE series Solar LED floodlight is ideal for modern Public Lighting and Area Lighting. Its high-performance, solar energy meets LED technology and unobtrusive design make it a perfect fit for any development--main roads, car parks, or residential areas. Plus, SKYLINE, it's also compatible with a combination of high-mast interfaces for maximum flexibility and scalability.

KEY FEATURE:

- Unique patent design to achieve high lumen flux performance in Solar lighting categories.
- Widely beam angle ensure to cover larger for the area lack of power support.
- Pre-setting Control system meet different quality issue no matter high quality wholesale and projects.
- More than 8 specifications integrated in one lamps dimensions with multi- functions.
- Smaller housing design with powerful excellent lumen output for helping clients saving more shipment cost.
- Real lumen flux output are more 52% brighter than other common design.

HIGH EFFECTIVE INTERNAL SOLAR POWER SYSTEM

- 90% EFFICIENCY PWM SOLAR CONTROLLER WITH PHOTOCELL DETECTOR
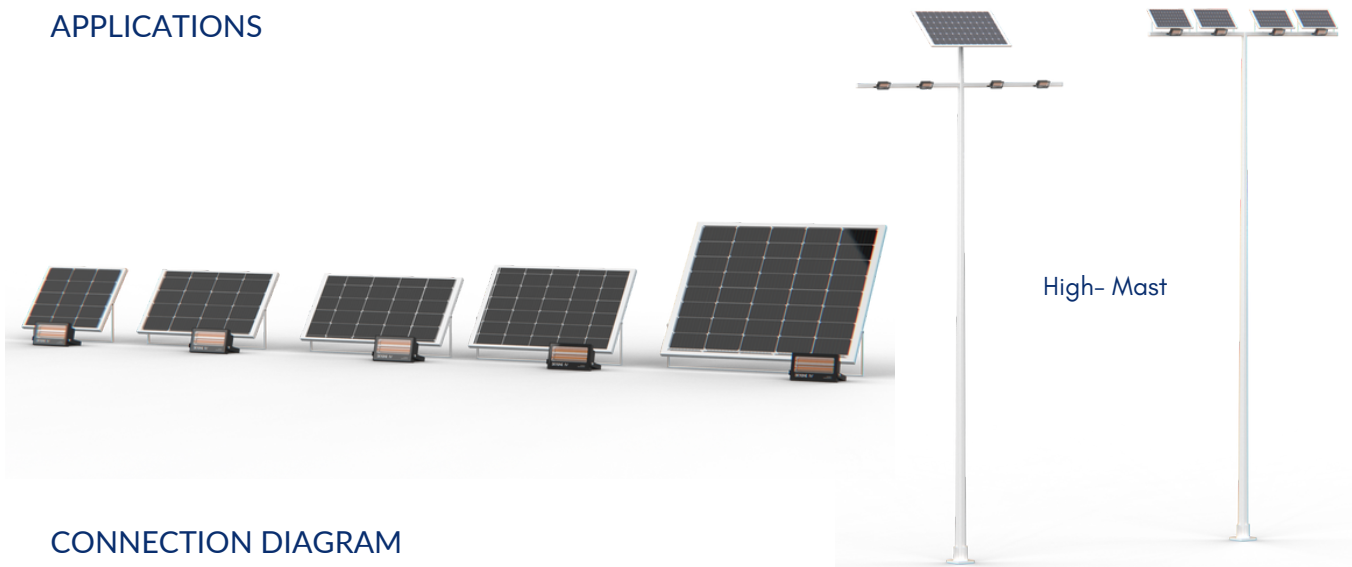- UNIQUE BMS DESIGN OF SYSTEM PROTECTION WHILE IN STORAGE AND SHIPMENT

ADVANTAGES IN LIGHTING DESIGN

- CUSTOMIZED LIGHT FOR DEMANDING APPLICATIONS
- HIGH FLEXIBILITY FOR LUMINOUS FLUX PACKAGES
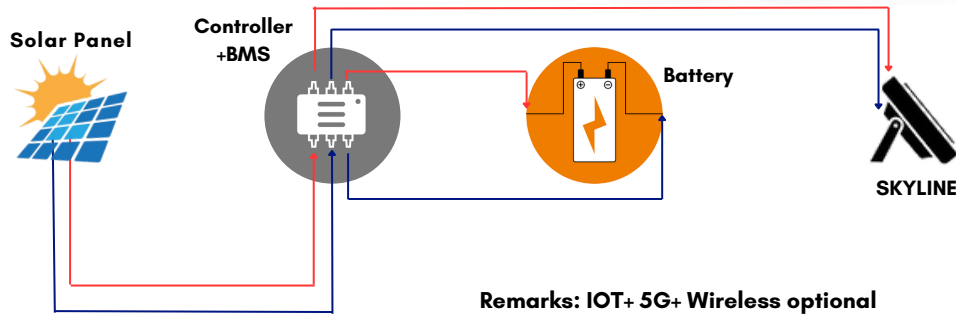- HIGH FLEXIBILITY MULTI MOUNTING OPTIONS TO CHOOSE FROM

ADVANTAGES IN OPERATION

- HIGH EFFICIENCY AND A LONG SERVICE LIFE
- ROBUST CONSTRUCTION FOR OPTIMUM PROTECTION

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APPLICATIONS

High- Mast

CONNECTION DIAGRAM

Solar Panel

Controller +BMS

Battery

SKYLINE

Remarks: IOT+ 5G+ Wireless optional

MAIN PARAMETERS

Item No.	200W	200W-PRO	200W-PRO MAX	300W-PRO	300W- PRO MAX	400W	400W-PRO	400W PRO MAX
Luminous Flux (lm)	1480lm	1680lm	1920lm	2460lm	2890lm	3320lm	4100lm	5200lm
CRI (Ra)	>83							
LED Type	OSRAM / BRIDGELUX / CREE							
CCT (K)	3000K / 4000K / 5000K / 6000K / optional							
Effeciency (lm/w)	155~186lm/W							
Beam Angle (°)	120°							
Battery Capacity	64Wh	65.7Wh	70.4Wh	88Wh	96Wh	115.2Wh	121.6Wh	131.4Wh
Battery Type	Brand new lithium ferro phosphate							
Battery Lifetime	D.O.D 50% 4000 CYCLES							
Charging Hours	4~8 Hours							
Discharging Hours	Cover 12hours per night by fully charged till dawn off							
Smart System Fitting	PWM							
Solar panel	Poly-20W	Poly-25W	Poly-30W	Poly-30W	Poly-35W	Poly-35W	MONO-50W	MONO-80W
Cloudy & Rainy Back Up	3~7 DAYS Back up / optional							
Discharging Mode	Dusk to dawn+ Dim + 18 program pre-setting + Remote Control							
Control Charger	MPPT / PWM 8A~20A							
Work Temperature	-20 °C ~ 75 °C							
IP Rated	IP 66 (Dust penetration-protected, jet-proof)							
IK Rated	IK 08							
Lamp Material	Die-Casting Aluminum - ADC 12							
Glass	Full tempered glass with 95% transparent efficacy							
Cable	UL / VDE standard, Low resistance, 3m Length							
Remarks	Solar Panel selection optional for Mono and Two- in -One / Mono or Shingled PV module available as optional							
Suggest Installation Height	3~6m	4~6m	5~6m	4~6m	5~6m	5~6m	5~7m	6~7m
Applications	Housing	Housing / Road light	Road light	Street	Street/ Square	Public Road/ Square	Public Road/ Square	Public Road/ Square

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