

**OUTDOOR** SERIES





#### **PRODUCT OVERVIEW**

The **ALTSA LUCA B** provides extreme luminous efficacy of 210lm/W and long lasting stability. Designed to withstand extreme weather conditions with it's fully IP65 rated casing. The luminaires incorporates a monocrystalline solar panel and MPPT tracking ensuring an increase in charging efficiency over the solar modules. Lithium ion batteries ensure longer lifespan with increased charging cycles. SMD LED chips increases luminous efficiency. The luminaire uses an independent Aluminum heatsink, keeping temperature rise as low as possible. Motion sensors with time and light control are used to extend working time.

# Quality comes standard... 50000 Hours IP65 Low Year Product CERTIFICATION

APPLICATIONS		
Main-Roads	Parking Areas	Airports
Highways	Shipping Yards	Depo Centres
FEATURES		CONSTRUCTION
PWM / MPPT	Water, Dust, Damp Proof	Aluminum 6063 Housing
LiFePO4 Lithium Battery	IP65 Ingress Protection	Monocrystalline Solar Panel
L80 @ >50 000 Hours	6 Hours Full Charge	Polycarbonate Lens
5-Year Warranty	14 to 40 Hours Discharge	Anti-Corrosion Treatment



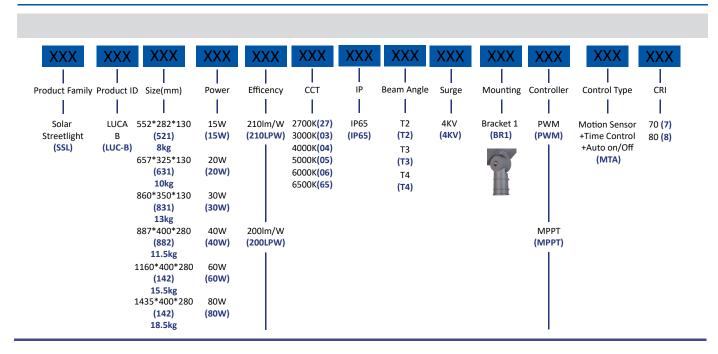
#### **TECHNICAL SPECIFICATIONS**

Power Consumption :	15W	20W	30W	40W	60W	80W
Luminous Efficacy :	210lm/W	210lm/W	210lm/W	200lm/W	200lm/W	200lm/W
Battery (V):	3.2V/24AH	3.2V/32AH	3.2V/72AH	3.2V/100AH	12.8V/30AH	12.8V/45AH
Solar Panel :	6V/25W	6V/35W	6V/50W	18V/60W	18V/80W	18V/100W
Luminous Flux :	3150lm	4200lm	6600lm	8000lm	12 000lm	16 000lm
Lighting Method :	Motion Sensor +time control +Auto on/Off					
Installation Height (M) :	3-4Mtr	4-5Mtr	5-6Mtr	6-8Mtr	8-10Mtr	10-12Mtr
LED :	100pcs	180pcs	240pcs	180pcs	240pcs	300pcs

#### **SPECIFICATIONS**

6063 Aluminium	Chipset:	SMD3030, Lumileds
Anti-corrosion paint treatment	Luminous Efficacy:	210lm/W(15W-30W)
Monocrystalline		200lm/W(40W-80W)
PWM(15W-30W) / MPPT(40W-80W)	Colour Rendering (CRI):	Ra70/Ra80
Motion Sensor + Time control	Correlated color Temp (CCT):	2700K - 6500K
+ Auto on/Off	Ingress Protection(IP):	IP65
Lithium LifePO4	Impact Resistance(IK):	IK06
Polycarbonate (PC)	Beam Angle:	T2, T3, T4
6 Hours (Full Sunshine)	Mounting Options:	Pole Mount
+-20 Hours (Rainy Days)	Pole Diameter:	60-80mm
+-48 Hours (Induction Mode)	Lifespan:	50 000hrs
14 Hours (Full Power)		
-30°C ~ +55°C		
10 Grado		
	Anti-corrosion paint treatment Monocrystalline PWM(15W-30W) / MPPT(40W-80W) Motion Sensor + Time control + Auto on/Off Lithium LifePO4 Polycarbonate (PC) 6 Hours (Full Sunshine) +-20 Hours (Rainy Days) +-48 Hours (Induction Mode) 14 Hours (Full Power)	Anti-corrosion paint treatment  Monocrystalline  PWM(15W-30W) / MPPT(40W-80W)  Motion Sensor + Time control  + Auto on/Off  Lithium LifePO4  Polycarbonate (PC)  6 Hours (Full Sunshine)  +-20 Hours (Rainy Days)  +-48 Hours (Induction Mode)  14 Hours (Full Power)  -30°C ~ +55°C

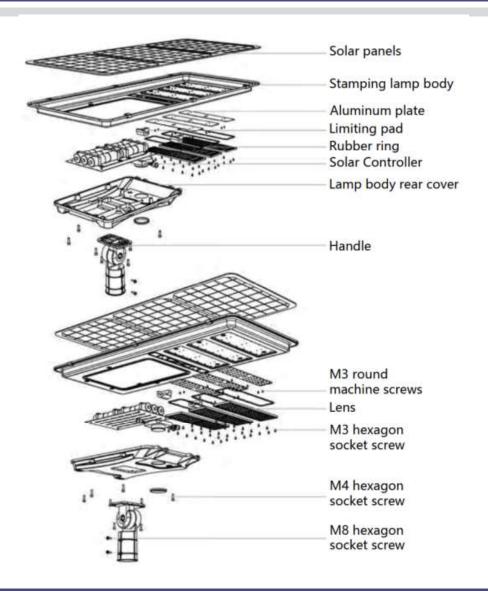
#### ORDERING INFORMATION





### **PRODUCT DETAILS**







## **PHOTOMETRICS**

