



APPLICATIONS LED SOLAR AREA POST TOP LIGHT can be widely used in Airports, Campuses, Parking and Roadway projects. This solution allows for co-existence of environmental protection and energy savings. Its objective is to replace the conventional area light reducing costs energy used. The advances in solar and LED technology make this fixture a great choice for the environment with a reliable life of 50,000 hours.

SPECIFICATION FEATURES

CONSTRUCTION

Precision die-cast aluminum housing with fade resistant powder coat finish. Aluminum die-casting heat sinks that provide excellent thermal transfer lending to extending component life.

ELECTRICAL AND OPTICAL SYSTEM

Fixture utilizes high-efficiency LED packages maintained at cool temperatures for long-life, high efficacy. The special design with the LED works independently avoiding the single broken LED influence issue., The silicon solar cell is high efficiency. Beam angle is 120° providing uniformity light distribution. .

OTHER SPECIFICATIONS

Environmentally friendly. NO RF inference, NO IR/UV radiation, and NO mercury pollution.

CONTROLS, BATTERIES AND SENSORS

Fixture comes standard with a PIR Sensor, Time, and PWM Controller. Or upgrade controls to a IoT Smart Control or MPPT Controller available in 20W, 25W, 40W, 50W, 80W and 100W. Optional Li-ion Battery is available.

INSTALLATION

Fixture comes standard with mounting brackets for easy pole mounting (no wiring) installation.

WARRANTY

3-year warranty. IP65 Rated, CE, RoHS Listed and ISO9001 Certified.

CERTIFICATIONS





ORDERING EXAMPLE: 022-SLPT-15WB1-30-MP-LI

FORM FACTOR	WATTAGE/SIZE Ø	CCT	CONTROLLER	BATTERY
022-SLPT=Solar LED Post Top Area Light	15B1=15W Ø405mm*41mm 20W-B1 25W-B1	30=3000K 40=4000K 50=5000K	[Blank]=PWM Controller MP=MPPT Controller RC=Remote Control	[Blank]=Ternary LiFePO4 Li-ion LI=Li-ion
022-SLPTB=Solar LED Post Top Area Light with Bird Away (see picture below)	20WB2=20W Ø540mm*41mm 25W-B2 40W-B2			
	50B3=50W Ø850mm*41mm 80W-B3 100W-B3			

TECHNICAL PARAMETERS

Wattage	15W-B1	20W-B1	25W-B1	20W-B2	25W-B2	40W-B2	50W-B3	80W-B3	100W-B3
Solar Panel									
Max Power	18V/18W	18V/27W	18V/30W	18V/27W	18V/30W	18V/45W	18V/60W	18V/100W	18V/120W
Lumens	2250lm	2400lm	3000lm	3000lm	3750lm	5000lm	7500lm	9600lm	12000lm
Efficacy	150lm/W	120lm/W	120lm/W	150lm/W	150lm/W	120lm/W	150lm/W	150lm/W	120lm/W
Light Source	SMD LED								
CCT	3000K / 4000K / 5000K								
Beam Angle	120°								
Battery	Tenary LiFePO4 Li-ion								
Solar Panel									
Dimension	405mm x 41mm			540mm x 41mm			850mm x 4mm		
Operating Temp	-40°F to 113°F (-40°C to 45°C)								
Solar Cell	High efficiency silicon solar cell								
Sensor	PIR Sensor and Timer Control								
Charge Time	6-7 hours with strong sun exposure								
Discharge Time	10-12 hours								

ACCESSORIES



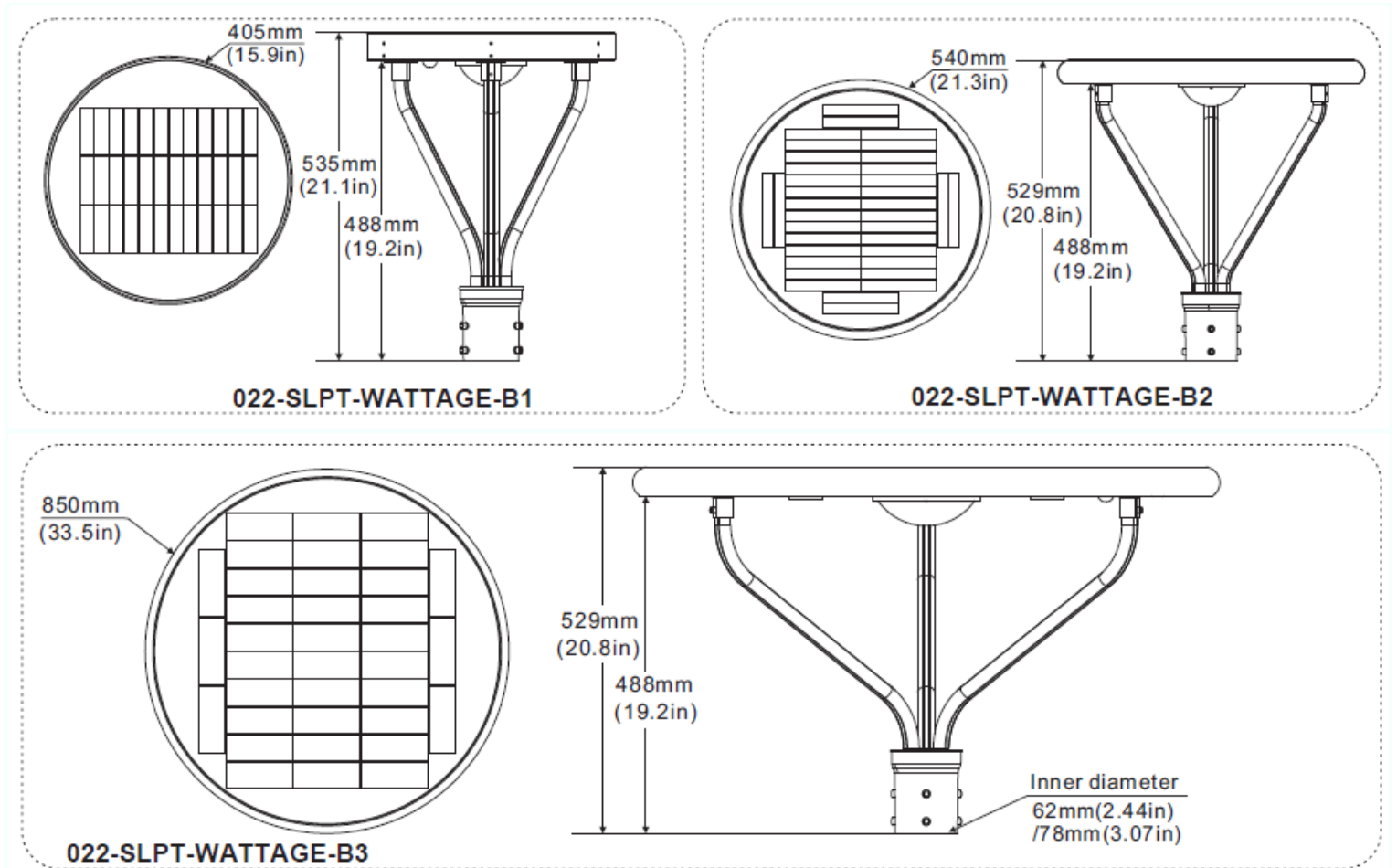
Remote Control=RC



Bird Away

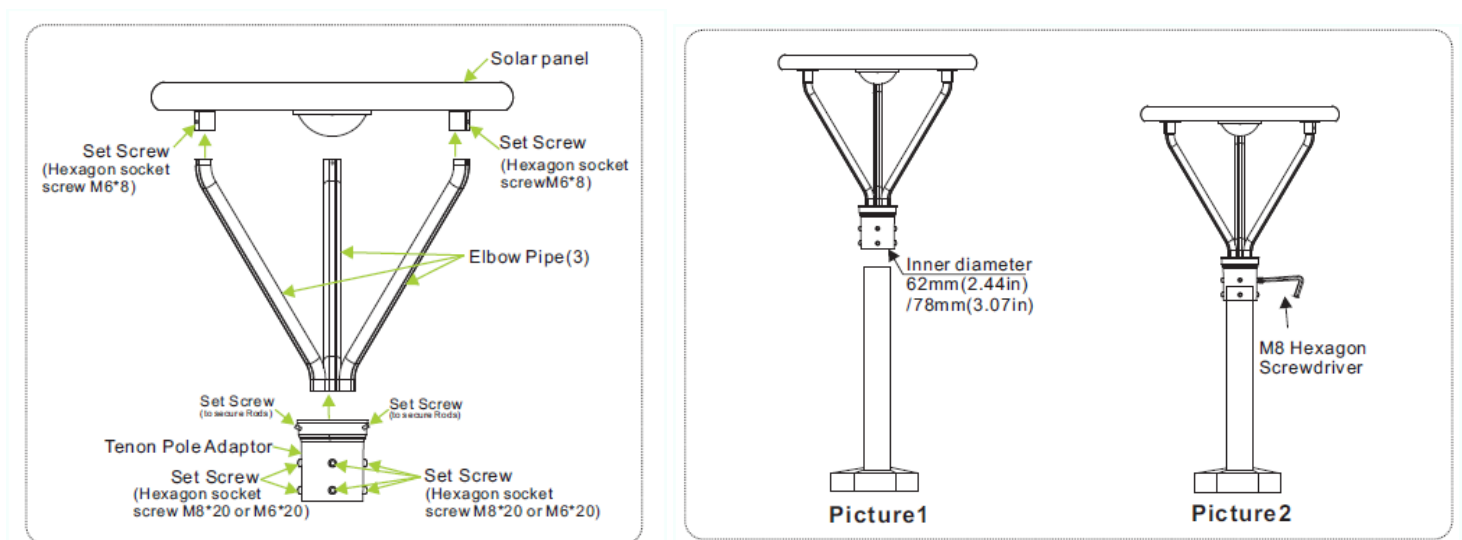


DIMENSIONAL DRAWING



FIXTURE ASSEMBLY

POLE MOUNTING (No Wiring Required)





LIGHTING DISTRIBUTION

