

Product Specifications

SE series Integrated Solar Flood Lights



Models: 20 - 100W IP65 180 lm/W -40C Warranty 3 years
 5500K issued Feb10, 2022

Sunlight adaptable design - full utilization of sunlight from any direction

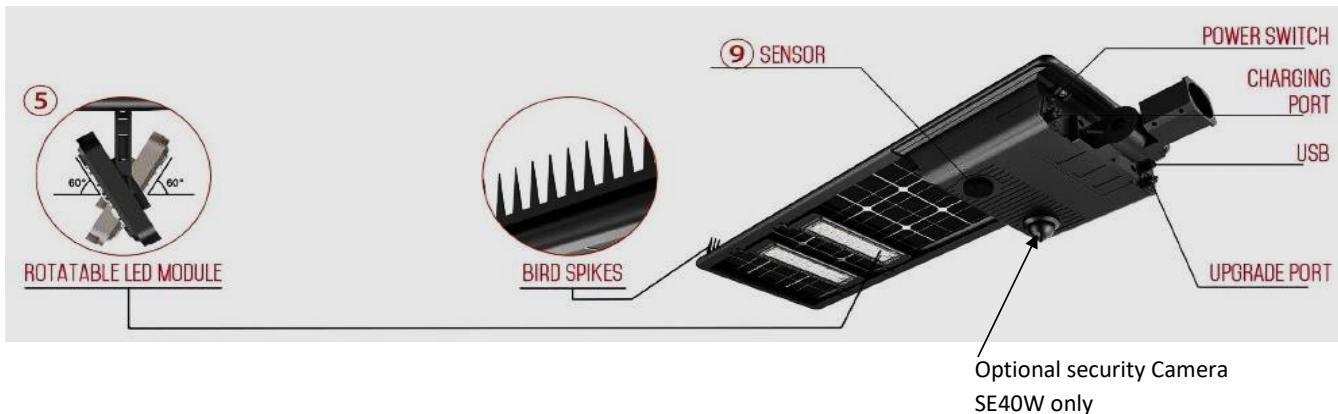
Game changing design: 2 Axis Pivot of light head and LED modules to tilt for increased sun exposure of solar panels. Each of the modular LED light sources can be tilted independently within +/-60° for ideal light distribution.

<p>5500K</p> <p>Solar Panel</p> <p>Battery</p> <p>Charge Controller</p> <p>Beam Angle</p> <p>Controls</p>	<p>3000K & 4000K available</p> <p>25 years of lifespan - Bi-Facial design, 25% efficiency Monocrystalline Silicon</p> <p>Li-FePO4 rated -40C External, Replaceable Battery and controls in protective cover Operating cycle: 2000 plus</p> <p>Upplands ZeroSUN™ M type - programmable</p> <p>Flexible - LED module can tilt +/-60° Typell; III & IV available</p> <p>RF programmable parameters</p> <p>LoRa Com-Gateway wireless controls and monitoring - OPTIONAL</p>
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Mounting SE20-40W
slip fitter; square/round pole; wall

DESIGN FEATURES



Available Controls

Microwave motion sensor:	1st 4 hrs: 30% stand-by-100% with sensor - until dawn: 70% with sensor - STANDARD
RF wireless controls	Adjust lighting parameters for each light to meet lighting requirements - CUSTOM
	Programmable motion sensor: Enabled or Disabled as per site requirements

MODELS

	SE20WLT	SE40WLT	SE60WLT	SE100WLT
Wattage/lm max	20/3600	40/7200	60/108000	100/18000
Solar Panel	18V-40W	18V-80W	36V-130W	36V-160W
Battery	12.8V-18AH	12.8V-42AH	25.6V-30AH	25.6V-36AH
Dimensions	793x366x211	1418x366x211	1532x522x225	1812x522x225
Weight Kg	12.9	19.7	31	37
EPA ft ²	1.85	4.32	6.4	7.2
Pole H	3.5m	5m	6m	7-8m
Pole Spacing	25-30m	35m	35-38m	38m
M Sensor		YES		
Working Temp		-40 - +60C		

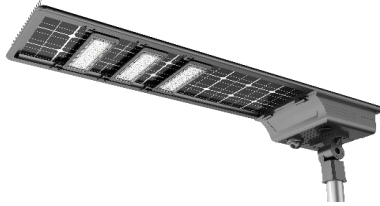


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INSTALLATION

MICROWAVE motion sensor - Standard

Sensing angle 120°
Sensing Distance 7-8m / 23-26ft
Sensing Delay 30 sec - adjustable up to 60 minutes



SE20W & 40W

Tenon: 2.375"

See available Mounting Brackets below



SE60W & 100W - Post Top Mount

Tenon: 2.875"

Sensor 12m radius - +-45°

Sunlight adaptable design - full utilization of sunlight from any direction

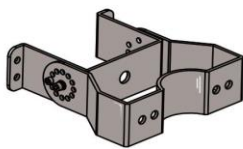


Mounting Brackets

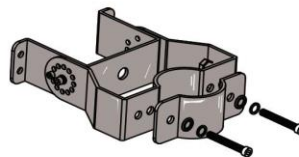
SE20W & 40W MODELS ONLY



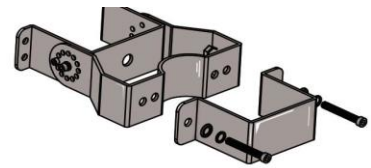
Slip Fitter



Wall Mount



Round Pole Mount



Square Pole Mount

