LEDone®

LOC-ASSL Family Series

LED Solar Street Light Series

40W

60W

80W

CONSTRUCTION:

Constructed with a high-grade corrosion resistant aluminum alloy cage and stainless-steel components. LiFe P04 battery. Monocrystalline silicon photovoltaic panels.

OPTICAL SYSTEM:

Philips Lumileds 5050

WARRANTY:

5-year limited warranty. Actual performance may differ because of end-user environment and application.

ELECTRICAL:

Operating Temperature:
Charge: 0°C to 60°C (32°F to 140°F)
Discharge: -20°C to 60°C (-4°F to 140°F)

Storing Temperature:
-20°C to 60°C (-4°F to 140°F)

CONTROLS & DIMMING:

Microwave & Timer Dimming
MPPT / PWM Controller Option

The solar panel and battery configuration is based on 6 hours charging time.

STANDARD WORKING MODEL:

First 2hrs: without motion 30%, Motion 100%
Next 3hrs: without motion 20%, Motion 60%
Next 4hrs: without motion 10%, Motion 30%
Last 3hrs: without motion 20%, Motion 70%

FEATURES

- Quality lithium batteries are used to store the energy, provide energy for immediate requirements and enable a back-up for days when there is little or no sun
- Microprocessor managed algorithms autonomously to determine sunrise and sunset
- No trenching or cabling work needed
- High luminous efficiency
- Environmentally friendly
- Heat dissipation performance
- Waterproof IP66 & IK08 rated
- 50,000 hours lifetime

SUITABLE APPLICATIONS

- Streets / Roadway / Private Roads
- Pathway / Sidewalk / Ramp
- Logistic Centers
- Airports
- Parks
- Farms
- Campus
- Military Base
- Ship Docks

Special Order:
- Black
- 4,000K

WATTAGE	BUG RATING
40W	B2-U0-G2
60W	B2-U0-G2
80W	B3-U0-G3

WATTAGE	HORIZONTAL ANGLE SOLAR PANEL	EPA (FT)²
40W	0°	0.31
	5°	0.33
	10°	0.67
	15°	0.99
	20°	1.31
	25°	1.62
	30°	1.92
60W	0°	0.36
	5°	0.44
	10°	0.88
	15°	1.31
	20°	1.74
	25°	2.14
	30°	2.54
80W	0°	0.53
	5°	0.61
	10°	1.21
	15°	1.8
	20°	2.38
	25°	2.94
	30°	3.47

OPTIONAL ACCESSORIES:

DC Charger 12.8V/25.6V

Remote Controller
LOC-RC-BLK-ORG

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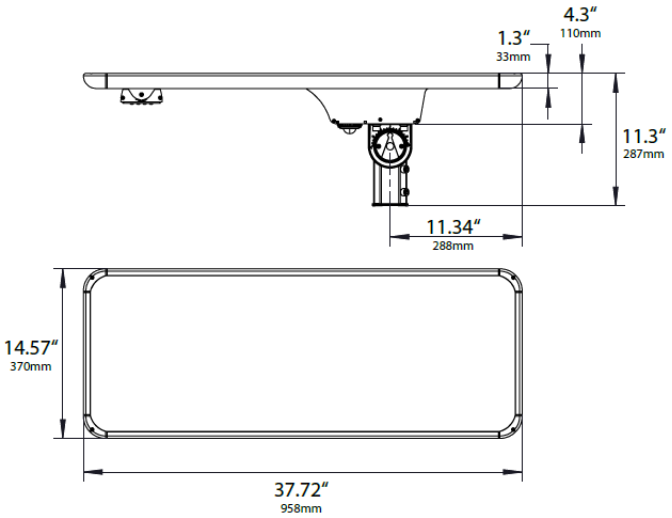
LOC-ASSL-40W							
WATTAGE	**SOLAR PANEL POWER**	**BATTERY**	**LUMENS**	**EFFICACY**	**CCT**	**CRI**	**Product Dimensions**
40W	55W/18V	12.8V/24AH	8,240LM	206lm/W	5,000K	70	37.72 × 14.57 × 11.30 in
LOC-ASSL-60W							
WATTAGE	**SOLAR PANEL POWER**	**BATTERY**	**LUMENS**	**EFFICACY**	**CCT**	**CRI**	**Product Dimensions**
60W	75W/18V	12.8V/30AH	12,180LM	203lm/W	5,000K	70	50.00 × 14.57 × 11.30 in
LOC-ASSL-80W							
WATTAGE	**SOLAR PANEL POWER**	**BATTERY**	**LUMENS**	**EFFICACY**	**CCT**	**CRI**	**Product Dimensions**
80W	105W/36V	25.6V/24AH	16,010LM	200lm/W	5,000K	70	50.00 × 14.57 × 11.30 in

FEATURES

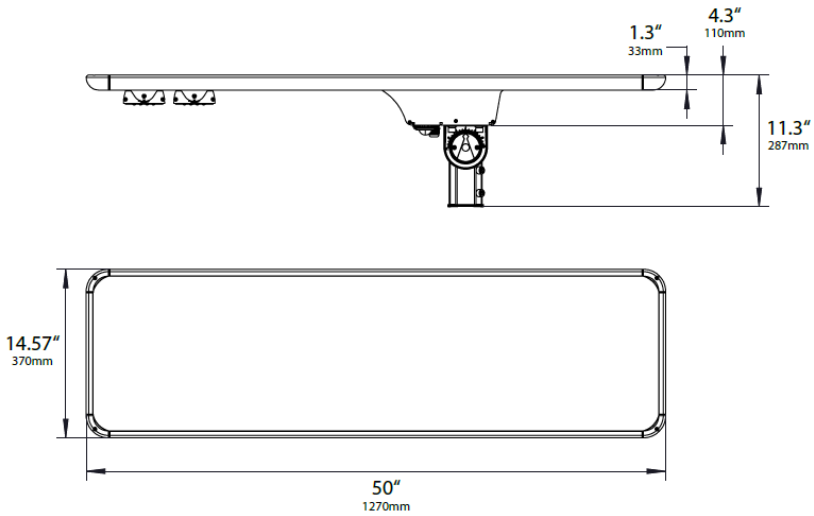
Easy to install without buying cables and rectifiers, directly on pole with an adjustable 0°-90°.

MEASUREMENTS

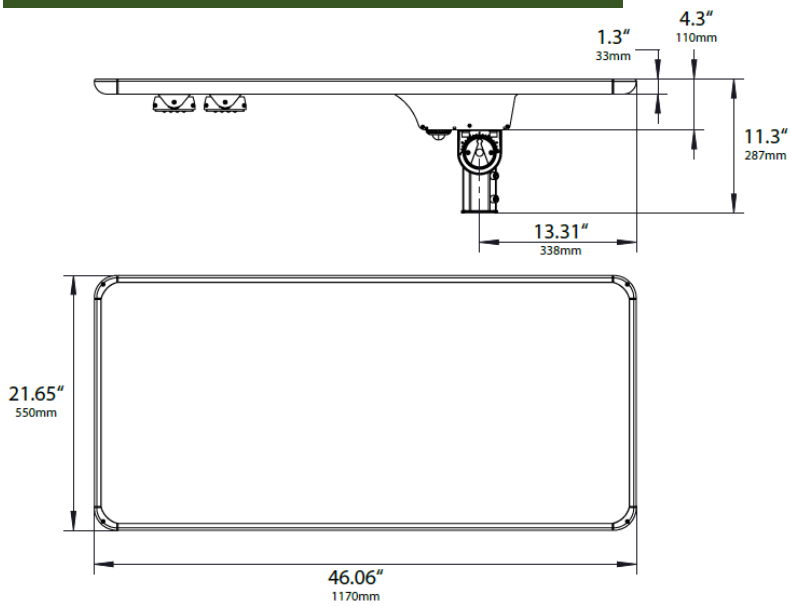
LOC-ASSL-40W



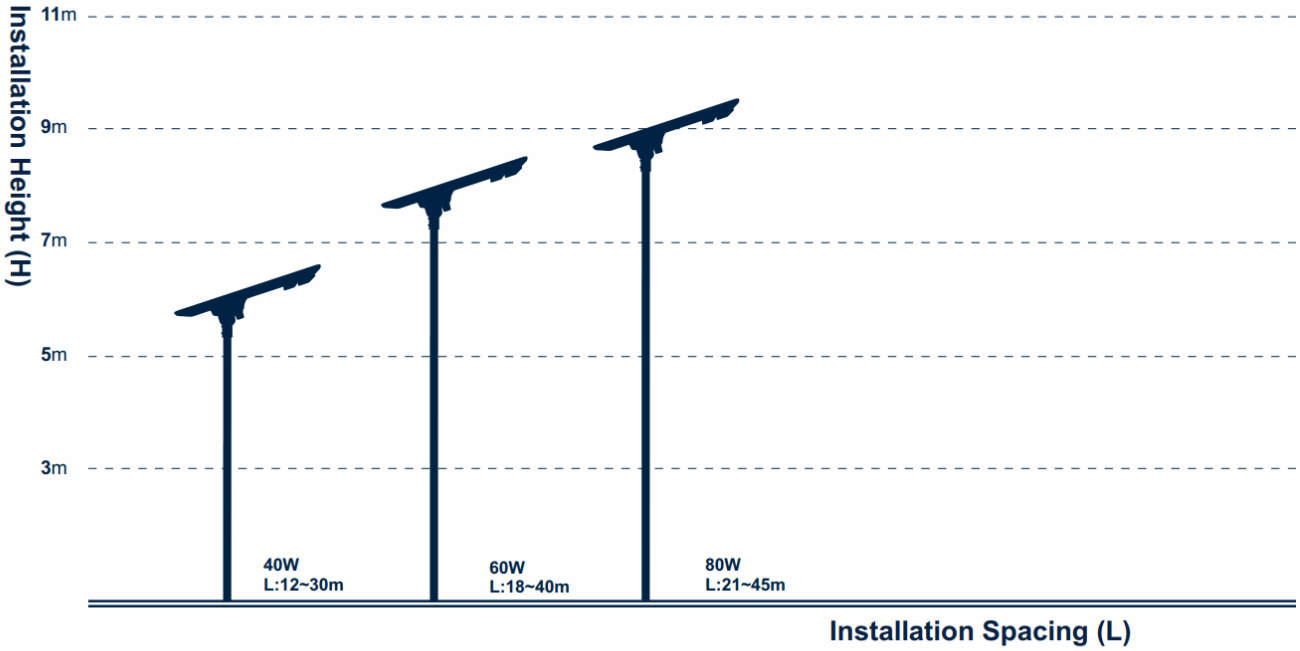
LOC-ASSL-60W



LOC-ASSL-80W



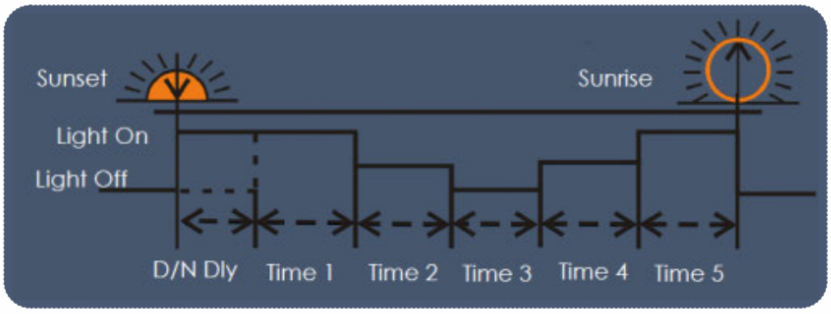
MODEL	QTY	NET WEIGHT	MASTER CARTON SIZE	GROSS WEIGHT	PCS CTN	UPC CODE
LOC-ASSL-40W	1	34.83lbs	42.72" x 18.11" x 8.27"	41.89lbs	1	00810050949903
LOC-ASSL-60W	1	39.02lbs	54.92" x 18.11" x 8.27"	46.52lbs	1	00810050949910
LOC-ASSL-60W	1	54.01lbs	50.98" x 25.2" x 8.27"	64.82lbs	1	00810050949927



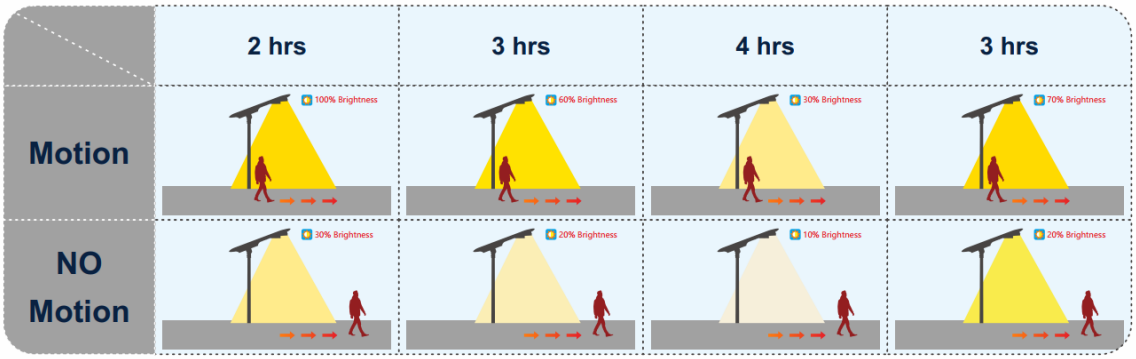
REGULAR MPPT CONTROLLER MODE

Five-Stage Mode

The lamps lighting divide into 5 stage, each stage time and dim can be setting according to demands. With diming setting, it is an efficient way to save energy, and keep the lamp working in best power and time.



Motion Sensor Mode

Motion: 2 hrs-100%; 3 hrs-60%; 4 hrs-30%; 3 hrs-70%;

Without Motion: 2 hrs-30%; 3 hrs-20%; 4 hrs-10%; 3 hrs-20%;