EcoLite™
Leader in LED Lighting

HELIOS ALL-IN-ONE SOLAR LIGHT
SPECIFICATION SHEET
ECO-LS-SLS

Helios All-In-One Solar Light I

ECO-LS-SLS


Solar LED Street Light

KEY SPECS

POWER	COLOR	EFFICACY	OPTICS
100W	1CCT	>200lm/W	150°
Rated output	5700 K	System efficacy	Beam angle

Helios All-In-One Solar Light is an all-in-one solar street luminaire built on an integrated die-cast aluminum body for superior heat dissipation and long service life. LUXEON 3030 diodes deliver a wide 150°×65° street distribution, while an MPPT solar controller and 32135 LiFePO4 battery provide up to 2,200 charge cycles of autonomous operation. Field-programmable time, light-sensor, and PIR motion control modes maximize energy savings across five configurable periods. Monocrystalline panel and pole-mount hardware suit roadway, campus, and pathway installations, backed by EcoLite's 10-year non-prorated warranty.

FEATURES

01 Integrated die-cast aluminum body
02 LUXEON 3030 LED source
03 MPPT solar charge controller
04 32135 LiFePO4 battery, 2,200 cycles
05 Time, light-sensor & PIR motion control
06 150°×65° street distribution

- Street & roadway lighting
- Pathway & sidewalk lighting
- Campus & park lighting
- Farm, ranch & remote-area lighting





INGRESS PROTECTED

EFFICACY >200 LM/W

SOLAR POWERED 365-DAY RUN


COLOR SELECT FIELD SELECTABLE

01 ORDER INFORMATION

SKU / MODEL	WATTAGE	CCT	VOLTAGE
ECO-LS-SLS-100W-57K	100 W	5700 K	—

02 ELECTRICAL CHARACTERISTICS

SPECIFICATION	100 W
Light Output (Max)	100 W
Luminous Flux (Max)	9,000 lm
Luminous Efficiency	>200 lm/W
Color Temperature (CCT)	Pure white 5000-6500K / Neutral white 4000-4500K
CRI	>70
Beam Angle	150° × 65°
LED Chip	LUXEON 3030
LED Quantity	200 pcs
Battery	32135 LiFePO4 3.2V, 105 Ah (336 Wh)
Solar Panel	100 W / 6V monocrystalline silicon (2-year life, 80% efficiency)
Control Mode	Time control + light-sensor control + motion-sensor control
Operating Time	Full power >12 hrs; intelligent mode 1-2 days
Housing	Aluminum
Housing Color	Black / Grey
Pole Diameter	60 / 76 mm
Installation Height	6-8 m
Ingress Protection (IP)	IP66

03 DIMENSIONS

MODEL	LENGTH	WIDTH	HEIGHT
ECO-LS-SLS-100W-57K	47.1" / 1196 mm	13.2" / 335 mm	3.7" / 94 mm

Rectangular footprint · Dimensions ±0.2" · inches [mm]

04 SAFETY WARNING

⚠ READ BEFORE INSTALLATION

1 Installation must be performed by a qualified, licensed electrician in accordance with all applicable national and local electrical codes.