



MULTIFUNCTIONAL SOLAR AREA LIGHT |



PART NUMBER:



I-SERIES PROFESSIONAL-GRADE, SOLAR-POWERED LIGHTING SYSTEM FOR EVERY SEASON. Solera Solar Lighting is the new standard for solar light performance. You can expect a professional-grade, configurable, solar-powered lighting system that provides bright lighting where you want it. With the i-Series line, you can build and remotely program, control and monitor an intelligent solar lighting network. Graphically visualize usage and demand to make the most of your solar lighting.



WARRANTY



YEAR-ROUND LIGHTING



LIFEPO4 BATTERY



BATTERY CHARGE TEMPERATURE



OPERATING TEMPERATURE



4G CONNECT SOFTWARE + APP

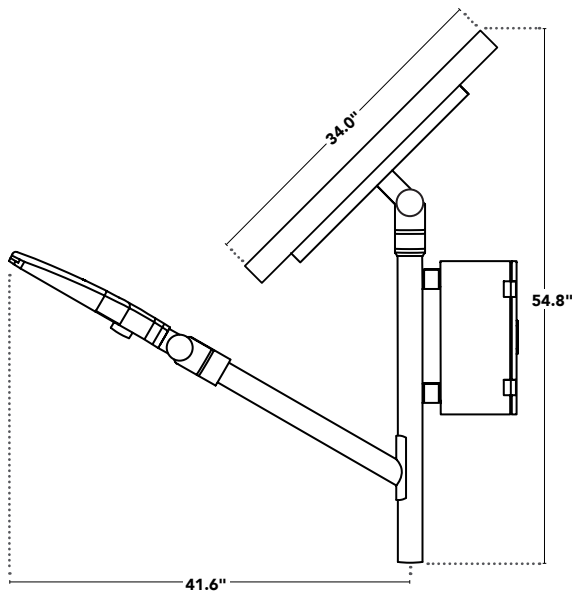
PROJECT: _____

NOTES: _____

PART NUMBER BUILDER

BRAND	SERIES	TYPE	OPERATION	LUMENS	BATTERY	OPTICS	MODULE	COLOR	GENERATION	OPTIONS
SL / SOLERA	M / MODULAR	A1 / AREA LIGHT STYLE 1	OG / OFF-GRID	100 / 10,000	12 / 1200 WH	2 / TYPE 2 3 / TYPE 3 4 / TYPE 4 5 / TYPE 5	4 / 4G (PRESENT)	DB / DARK BRONZE	1 / GEN 1	TAA / TAA (TRADE AGREEMENTS ACT)

PART NUMBER:



FITS ON A
2-3/8" TENON

**MULTIFUNCTIONAL
FEATURES**

CONFIGURABLE TO FIT YOUR APPLICATION

- Adjustable CCT and light output
- Retrofit kits or complete pole kits available

SMART SETUP W/ SOLERA CONNECT — PRESET MODES MAKE PROGRAMMING QUICK AND EASY

- Program lights and sensors locally or remotely and manage projects, site groups, and custom controls

REMOTE MOUNTING AND CONTROL — BI-DIRECTIONAL CELLULAR COMMUNICATION FOR FULL VISIBILITY

- Monitor solar collection, battery state and lighting parameters
- Receive alerts and track solar energy for sustainability reporting and tax credits

DELIVER MEASURABLE PUBLIC-SAFETY OUTCOMES

- Enhance visibility and situational awareness in priority corridors—parking lots, pathways, parks and streets—while deterring nuisance activity w/ integrated lighting plus the ability to add a motion-activated camera (≤12W)

RESILIENT OPERATIONS FOR EMERGENCIES

- Maintains lighting and camera functionality during grid outages and severe weather events

EQUITY & COMMUNITY IMPACT

- Deploy quickly in undeserved areas and operate on clean energy to support sustainability goals and reduce emissions



STANDARD



OPTIONAL*



FULL POWER ALL NIGHT**



BATTERY CHARGE TIME



BATTERY LIFE**



BATTERY CHANGE TEMP



OPERATING TEMP
-40°F TO 140°F



REPLACEABLE BATTERY



OPTIONAL MOTION SENSING



100,000hrs RATED LIFE

PART #	LUMENS	CCT	PANEL DIMENSIONS	EPA
SL-MA1-OG-1001234B1-TAA	ADJUSTABLE UP TO 10,000	FLEXCOLOR 3000K/4000K/5000K	46.0" x 34.0" x 3.0"	8.0

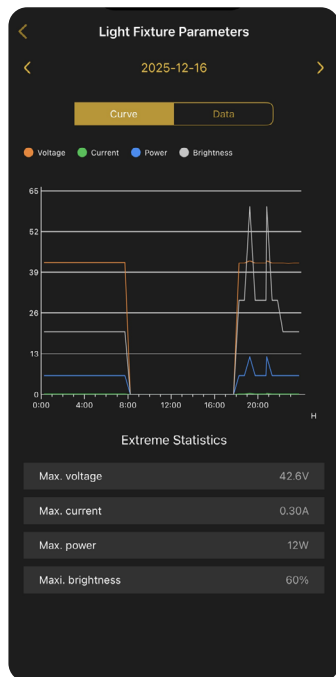
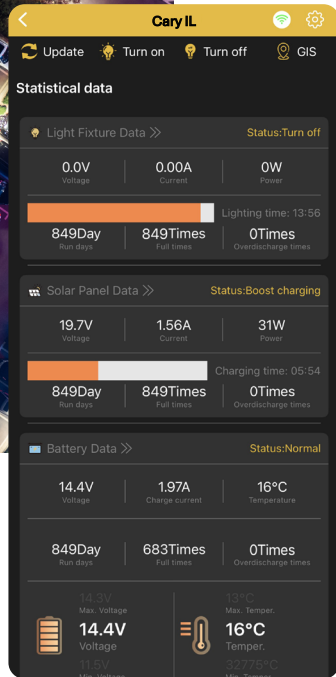
SOLAR AREA LIGHT ACCESSORIES

PART #	DESCRIPTION	PART #	DESCRIPTION
SL-AL1-SHIELD-1	BACK LIGHT SHIELD	SL-AL1-LENS-T3	LENS SET TYPE 3 OPTICS (STANDARD)
SL-AL1-SHIELD-2	FULL CUTOFF SHIELD	SL-AL1-LENS-T4	LENS SET TYPE 4 OPTICS
SL-AL1-LENS-T2	LENS SET TYPE 2 OPTICS	SL-AL1-LENS-T5	LENS SET TYPE 5 OPTICS

* OPTIONAL 10 YEAR WARRANTY WILL HAVE AN ADDED COST
** BATTERY LIFE DEPENDS ON ENVIRONMENT AND POWER SETTING

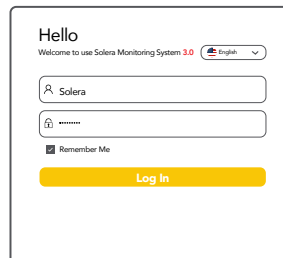
PART NUMBER:

Solera Connect provides real-time visibility into your solar lighting assets through web and mobile access. Using 4G connectivity, users can remotely monitor performance, adjust operating schedules, program lighting profiles and respond to alerts from any location.



- Remote monitoring and control via web portal or mobile app
- Carrier agnostic 4G LTE connectivity ensures connectivity across North America
- One cellular connection per fixture for independent, reliable monitoring
- Pre-commissioned fixtures from the factory simplify installation for easy in-field set up
- App available on Android and IOS
- GIS-based map displays fixture status, alarms and system health at a glance
- Preset programming modes simplify commissioning and seasonal adjustments
- Site grouping and zone-based controls for parks, roadways and campuses
- Automated alarms with work order generation and service confirmation
- Emissions reduction reporting supports sustainability and grant requirements

DOWNLOAD SOLERA CONNECT APPS



Hello

Welcome to use Solera Monitoring System 3.0 English

Solera

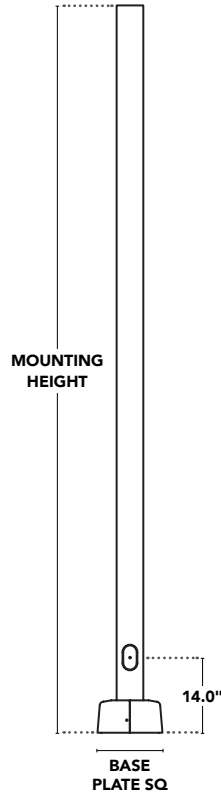
Log In



MOBILE APP Solera.
WEB APP lampmonitor.com

PART NUMBER:

RECOMMENDED POLE OPTIONS



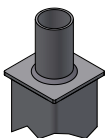
SQUARE, STRAIGHT STEEL ANCHOR BASE

PART #	MOUNTING HEIGHT	SHAFT DIAMETER	WALL THICKNESS	ANCHOR BOLT DIAMETER	BASE PLATE SQ	BASE PLATE HEIGHT
SL-RPSQ-20-5-7-AB-T2-XX	20 FT	5.0"	7 GA	1" X 40"	11.0"	1"
SL-RPSQ-25-6-7-AB-T2-XX	25 FT	6.0"				
SL-RPSQ-30-6-7-AB-T2-XX	30 FT	6.0"			12.0"	

SQUARE, STRAIGHT STEEL DIRECT BURIAL

PART #	MOUNTING HEIGHT	SHAFT DIAMETER	WALL THICKNESS	BURIAL DEPTH
SL-RPSQ-20-5-7-EMB-T2-XX	20 FT	5.0"	7 GA	4 FT
SL-RPSQ-25-6-7-EMB-T2-XX	25 FT	6.0"		5 FT
SL-RPSQ-30-6-7-EMB-T2-XX	30 FT	6.0"		

XX = FINISH COLOR, BK = BLACK, DB = DARK BRONZE, GR = GRAY







POLES INCLUDE 2.38" OD X 4.0" TENON ON THE TOP
POLES ARE CUSTOM MADE TO ORDER AND ARE NOT RETURNABLE

PART NUMBER:

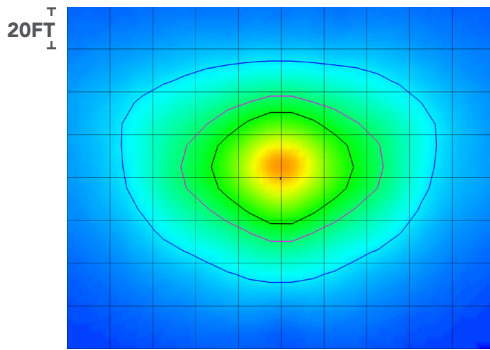
LIGHT ENGINE		SL-MA1-OG-1001234B1-TAA
ENGINE		AL-101
LED		192 LED. 3030 HIGH EFFICACY
MAX. POWER		50W
EFFICACY		160+ LUMENS PER WATT
CRI		70+
MAX. LUMENS		10,000 LUMENS
CCT		3000K, 4000K, 5000K SELECTABLE
CONTROLLER		MPPT CHARGE CONTROLLER
HYBRID OPTION		AC HYBRID POWER
4G OPTION		4G MODULE FOR SOLERA CONNECT
STANDARD OPTICS		TYPE 3
OPTICS OPTIONS		TYPE 2, TYPE 3, TYPE 4, TYPE 5
SHIELD OPTIONS		BACK LIGHT SHIELD, FULL CUTOFF SHIELD
RATED LIFE		L70 / 100,000 HOURS
SOLAR PANEL		
TYPE		MONOCRYSTALLINE
WATTS		200W
VOLTAGE		12V
ADJUSTABLE		ANGLE AND ROTATION ARE FULLY ADJUSTABLE
CHARGE TIME		6 HOURS
DIMENSIONS		46.0" X 34.0" X 3.0" (NOT INCLUDING SLIP-FITTER)
WEIGHT		52 LB
INGRESS PROTECTION		IP65
BATTERY		
TYPE		LIFEPO4
CHARGING TEMP		-4° TO 140°F
DISCHARGING TEMP		-40° TO 140°F
CHARGING TIME		6 HRS
BATTERY LIFE		30 HRS (BASED ON ENV / PWR SETTINGS)
REPLACEABLE		YES
CHARGE CYCLES		2000+
AMPERE-HOURS		94
WATT HOURS		1200
WEIGHT		42 LBS
BMS SYSTEM		ONBOARD FULL PROTECTION
SAFETY		UN 38.3
AREA LIGHT ASSEMBLY		
DESCRIPTION		MEDIUM
SOLAR PANEL		200W
BATTERY		1200 WH
LIGHT HEAD		50W / 10,000 LUMENS
EPA		12.0 FT ²
WEIGHT		TBD

PART NUMBER:

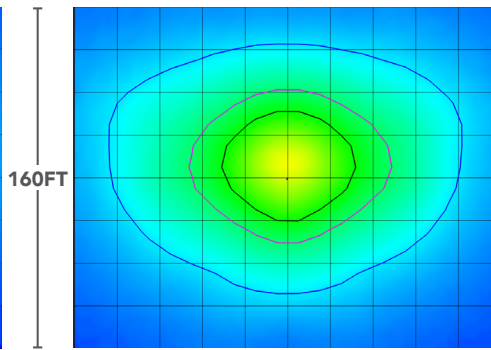
SL-MA1 PHOTOMETRICS

FOOT CANDLES	ISO-LINE COLOR	ILLUMINANCE (FC)
1 FC	BLACK 	 <p>8 5.4 3.4 2 1 0.42 0.13 0.016 0</p>
0.5 FC	MAGENTA 	
0.1 FC	BLUE 	

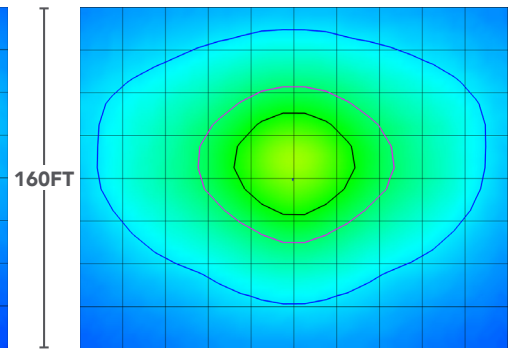
* T3 IS DEFAULT LENS W/ LIGHT OUTPUT SET TO 80%



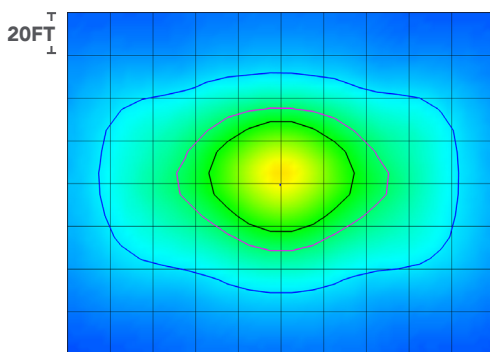
TYPE 3 OPTICS*
MOUNTING HEIGHT: 20 FT
SL-SAL-100L-T3



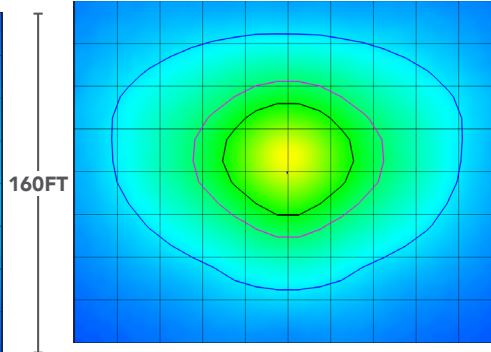
TYPE 3 OPTICS*
MOUNTING HEIGHT: 25 FT
SL-SAL-100L-T3



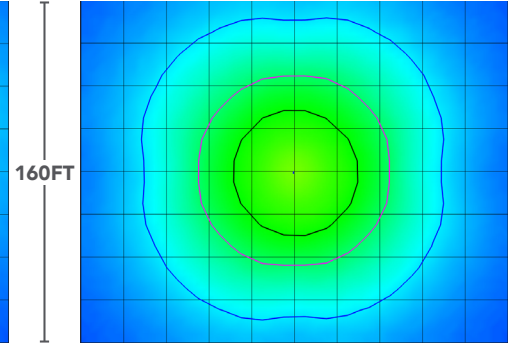
TYPE 3 OPTICS*
MOUNTING HEIGHT: 30 FT
SL-SAL-100L-T3



TYPE 2 OPTICS
MOUNTING HEIGHT: 25 FT
SL-AL1-LENS-T2



TYPE 4 OPTICS
MOUNTING HEIGHT: 25 FT
SL-AL1-LENS-T4



TYPE 5 OPTICS
MOUNTING HEIGHT: 25 FT
SL-AL1-LENS-T5