Solera
SOLAR LIGHTING

G3 SOLAR AREA LIGHT | OFF-GRID

THE SOLERA AREA LIGHT FEATURES A MODULAR DESIGN. The battery is built into the solar panel, and the light engine can be mounted in multiple configurations. No need for a power source, which eliminates the need for trenching & wiring. High performance solar controller maximizes solar charge under all conditions.

- Perfect for parks, parking lots, school campuses, etc.
- Advanced new LiFePO4 battery lasts at least 2000 charge cycles and will last up to three nights with one day charge (motion sensing mode)
- Compares to 250W HID
- Easily programmable via remote control (available for purchase)
- Pre-programmed to run at 80% output for 2 hours, then switch to reduced power when no motion is detected. It reurns to 80% output with motion
- Built-in motion sensor, photo control & status indicator
- Exceptional cold weather performance due to low temperature battery chemistry

FLEXCOLOR
SWITCH BETWEEN 3 CCTs

5 YEAR WARRANTY

BATTERY CHARGE TIME	BATTERY LIFE	BATTERY CHARGE TEMP	OPERATING TEMP	REPLACEABLE BATTERY	TYPE III OPTICS	50,000hrs RATED LIFE
6 HRS	UP TO 50 HRS	-4°F TO 140°F	-40°F TO 140°F		TYPE III	L70

PART #	UPC	COMPARABLE TO	LUMENS	CCT	DIMENSIONS*	WEIGHT	EPA
SL-SAL-60L-FC-T3-BK-G3	197810015000	250W HID	6,000	FLEXCOLOR 3000K/4000K/5000K	36" X 26" X 32"	45 LBS.	4.5

OPERATING MODES

TIMER MOTION SENSING

*DIMENSIONS ARE BASED ON MOST POPULAR CONFIGURATION

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LIGHT ENGINE

LED	192 LED. 3030 HIGH EFFICACY
MAX. POWER	30W
EFFICACY	160+ LUMENS PER WATT
CRI	70+
MAX. LUMENS	6,000 LUMENS
CCT	3000K, 4000K, 5000K SELECTABLE
CONTROLLER	MPPT CHARGE CONTROLLER
OPTICS OPTIONS	TYPE 2, TYPE 3, TYPE 4, TYPE 5
SHEILD OPTIONS	BACK LIGHT SHIELD, FULL CUTOFF SHIELD
BUG RATING	B2-U0-G2

BATTERY

TYPE	LIFEPO4
CHARGING TEMP	-4° TO 140°F
DISCHARGING TEMP	-40° TO 140°F
REPLACEABLE	YES
CHARGE CYCLES	2000+
CHARGE VOLTAGE	14.6V
AMPERE-HOURS	23.5
WATT HOURS	300
WEIGHT	5.8LBS
BMS SYSTEM	ONBOARD FULL PROTECTION

SOLAR PANEL

TYPE	MONOCRYSTALLINE
WATTS	55W PER PANEL
VOLTAGE	12V
ADJUSTABLE	ANGLE AND ROTATION ARE FULLY ADJUSTABLE
CHARGE TIME	6 HOURS
DIMENSIONS	26.2" X 19.2" X 1.7"
WEIGHT	28.0 LB (INCLUDING BATTERY)

AREA LIGHT ASSEMBLY

DESCRIPTION	30W / 6000 LUMEN AREA LIGHT
EPA	4.5
WEIGHT	45 LB

SOLAR AREA LIGHT ACCESSORIES

PART #	UPC	DESCRIPTION
SL-AL1-SHIELD-1	197810025320	BACK LIGHT SHIELD
SL-AL1-SHIELD-2	197810025337	FULL CUTOFF SHIELD
SL-AL1-LENS-T2	197810025344	LENS SET TYPE 2 OPTICS
SL-AL1-LENS-T3 *	197810025351	LENS SET TYPE 3 OPTICS
SL-AL1-LENS-T4	197810025368	LENS SET TYPE 4 OPTICS
SL-AL1-LENS-T5	197810025375	LENS SET TYPE 5 OPTICS
SL-C-60L-G3-PANEL **	197810029007	REPLACEMENT BATTERY

* AREA LIGHT IS SHIPPED WITH TYPE 3 LENSES INSTALLED
** REPLACEMENT BATTERY INCLUDES SOLAR PANEL FOR EASY INSTALLATION

REMOTE CONTROL

PART #	UPC	DESCRIPTION
SL-SAL-REMOTE-60L-G3-D	197810029144	REMOTE CONTROL FOR SL-SAL-60L-G3 DEFAULT PROGRAM: 2 HOURS AT 80% CONSTANT FOLLOWED BY SENSOR MODE 80% HIGH / 20% IDLE *

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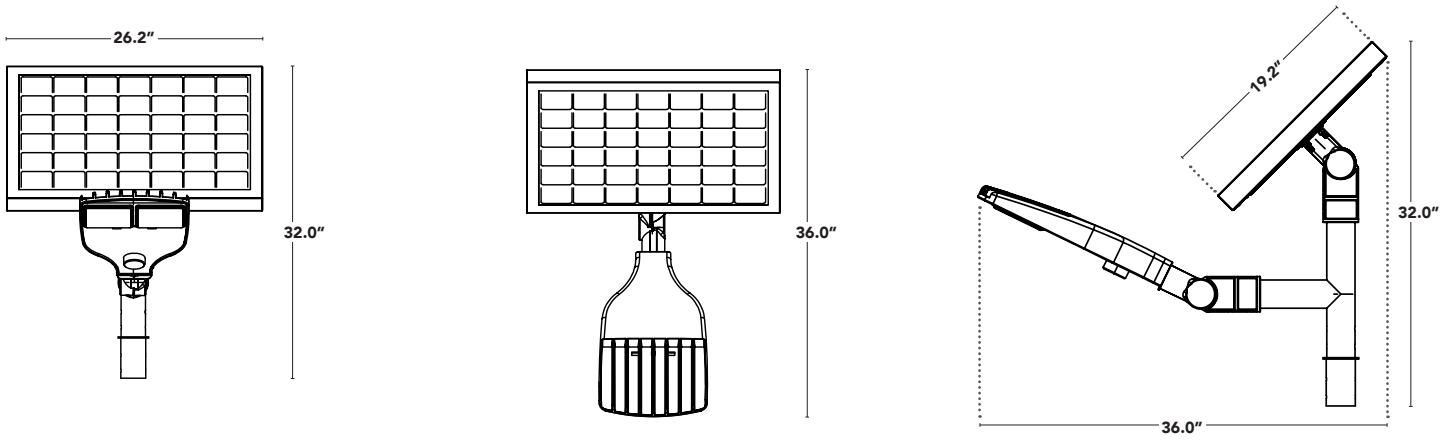
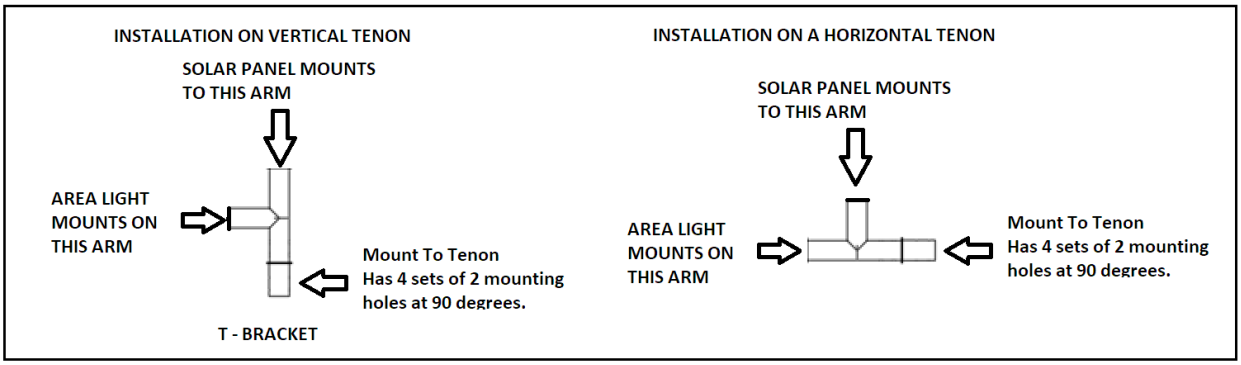
DIMENSIONS



MOUNTING



BRACKETS

PART #	DESCRIPTION
SL-SAL-BKT-RP-BK-G1	ROUND POLE BRACKET
SL-SAL-BKT-SP-BK-G1	SQUARE POLE BRACKET
SL-SAL-BKT-WM-BK-G1	WALL MOUNT BRACKET

STANDARD SLIP FITTER MOUNTING BACKET INCLUDED
CONTACT US ADDITIONAL BRACKET OPTIONS

FOR USE W/ **SL-SAL OFF-GRID**

ROUND POLE

SQ POLE

WALL MOUNT

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PHOTOMETRICS - DEFAULT CONFIGURATION*

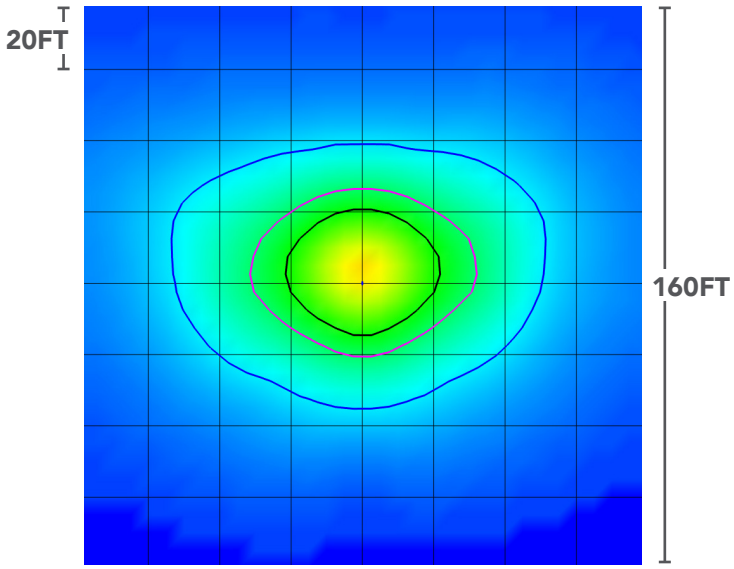
FOOT CANDLES	ISO-LINE COLOR
1 FC	BLACK
0.5 FC	MAGENTA
0.1 FC	BLUE

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

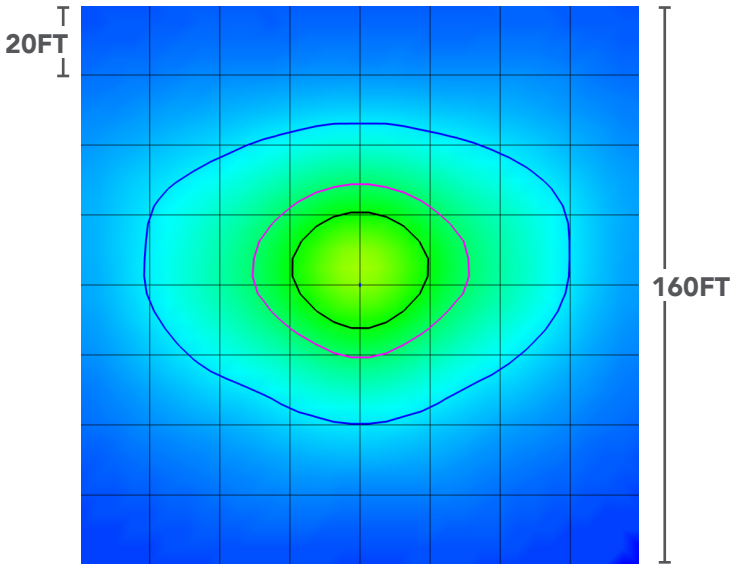
ILLUMINANCE (FC)

8
5.4
3.4
2
1
0.42
0.13
0.016
0

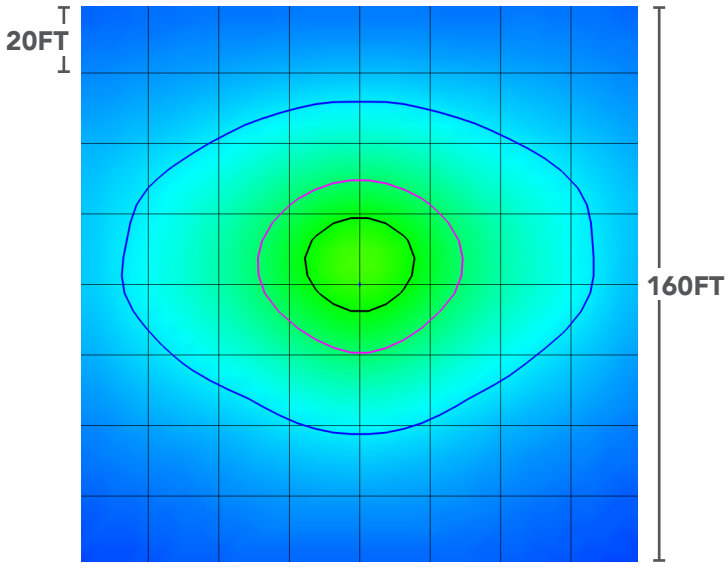
MOUNTING HEIGHT : 15 FT



MOUNTING HEIGHT : 20 FT



MOUNTING HEIGHT : 25 FT



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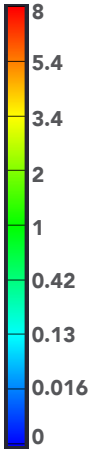
PHOTOMETRICS - OPTIONAL LENSES AND SHIELDS

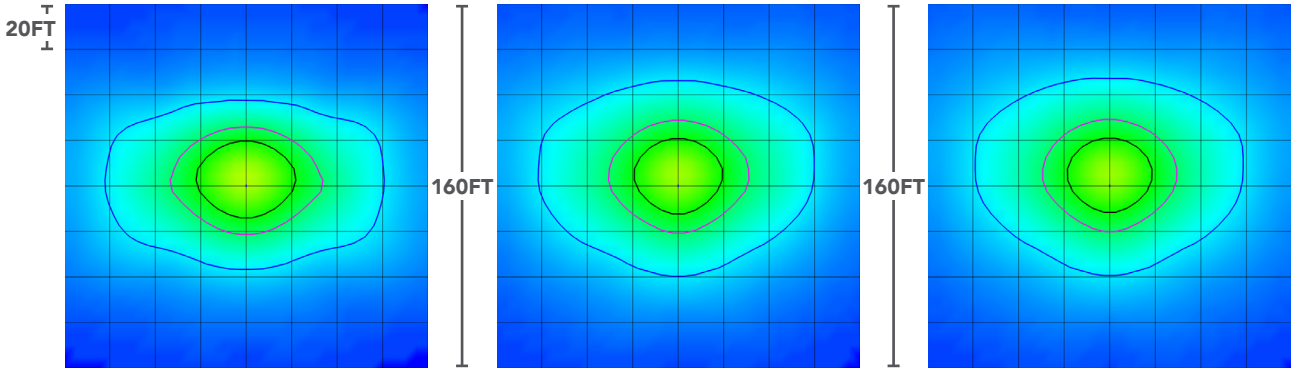
FOOT CANDLES	ISO-LINE COLOR
1 FC	BLACK
0.5 FC	MAGENTA
0.1 FC	BLUE

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

ILLUMINANCE (FC)



MOUNTING HEIGHT : 20 FT

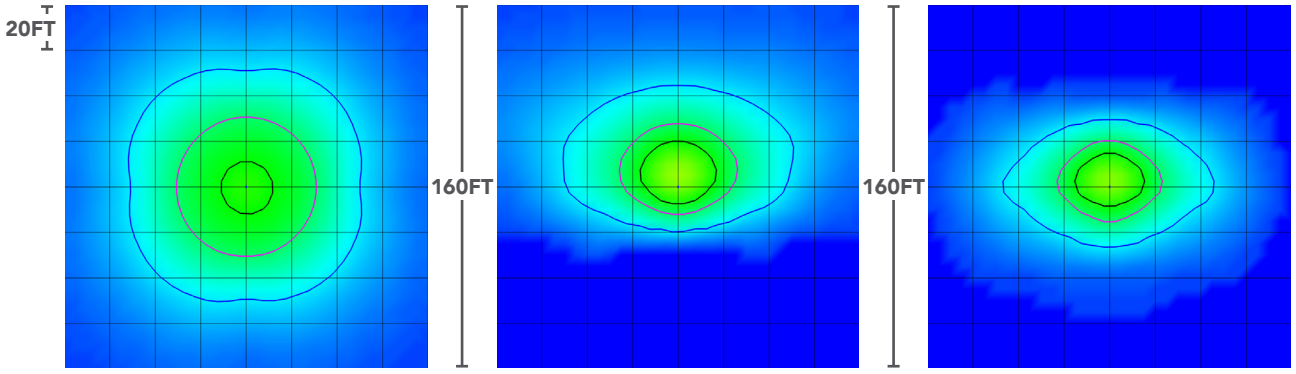


TYPE 2 OPTICS
SL-AL1-LENS-T2

TYPE 3 OPTICS*
SL-SAL-60L-T3

TYPE 4 OPTICS
SL-AL1-LENS-T4

MOUNTING HEIGHT : 20 FT



TYPE 5 OPTICS
SL-AL1-LENS-T5

BACK LIGHT SHIELD
SL-AL1-LENS-SHIELD-1

FULL CUTOFF SHIELD
SL-AL1-LENS-SHIELD-2

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