

FIRSTLIGHT

TECHNOLOGIES

Making Solar Lighting Simple™

SCL Series

Solar LED Integrated Area Light

Project: _____

Type: _____

Quantity: _____

The SCL series is a fully-integrated solar LED area light that is an ideal choice for architectural, commercial pedestrian scale lighting applications. A timeless and simple design, the SCL series seamlessly fits into any setting. With robust construction and unequalled solar powered performance - the SCL series is an excellent fit wherever high-quality lighting, free from the constraints of grid power, is required.

Utilizing solar power and LEDs, the SCL series is fully self-contained and offers significant benefits over grid-powered lights including:

- Low installed cost and minimal site impact with no trenching, cabling or wiring
- Minimal ongoing costs with no electrical bills or bulbs to change
- Not affected by power outages
- Provide a visibly green statement without recurring carbon emissions

The performance of the SCL series is maximized through the use of a unique Energy Management System (EMS). The EMS automatically and adaptively configures the SCL to ensure that lighting performance is optimized under all solar and site conditions. Utilizing the EMS the SCL series provides solar powered lighting that is reliable, functional and easy to use.

TECHNICAL SPECIFICATIONS

- Solar Module:**
- High-efficiency mono-crystalline cells
 - Inconspicuously integrated into the top of luminaire
 - Used for day/night detection (no photocell required)

- Energy Management System (EMS):**
- High-efficiency, temperature compensated Maximum Power Point Tracking (MPPT)
 - Micro-controller based technology
 - Includes high-efficiency LED driver
 - Multiyear data logging
 - Integrated into luminaire housing
 - Designed to automatically and adaptively manage lighting performance based on environmental conditions and lighting requirements
 - Patent Pending

- Battery:**
- Sealed lead acid, absorbed glass mat (AGM)
 - Superior cyclic performance
 - High temperature tolerance
 - 10 year design life
 - Contained within luminaire housing
 - Designed for easy battery changes when required

- LEDs and Optics:**
- 100,000 hour L70 lifetime
 - Warm (3000K) and neutral (4300K) white color temperatures available
 - High efficiency Type 2, 3, and 5, full cut-off optics
 - Typical lumen output from 700 to 1000 lumens

- Mechanical Construction:**
- Formed, low copper aluminum enclosure, and mounting arm
 - Stainless fasteners with security fastener option
 - Architectural grade, super durable, TGIC powder coat with Alodine undercoat
 - Four standard colors with custom colors available

- Factory Set Lighting Profiles:**
- On at dusk, off at dawn
 - On at dusk, off after 6 hours
 - On at dusk, dim to 30% after 6 hours till dawn
 - On at dusk, off after 5 hours, on 1 hour before dawn
 - On at dusk, dim to 30% after 5 hours, on 1 hour before dawn

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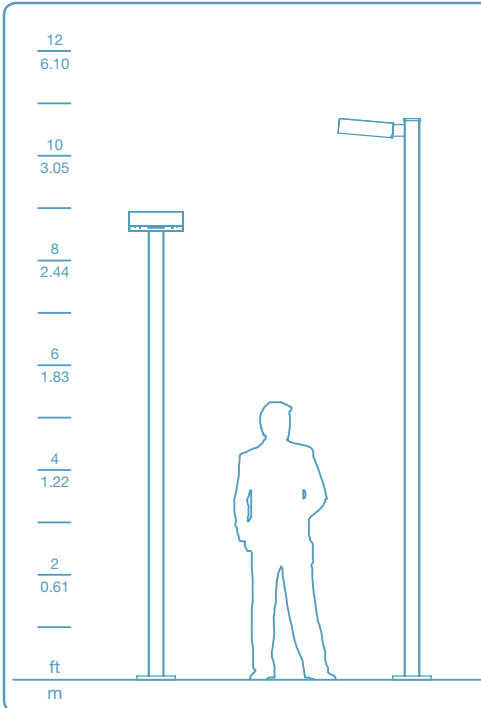
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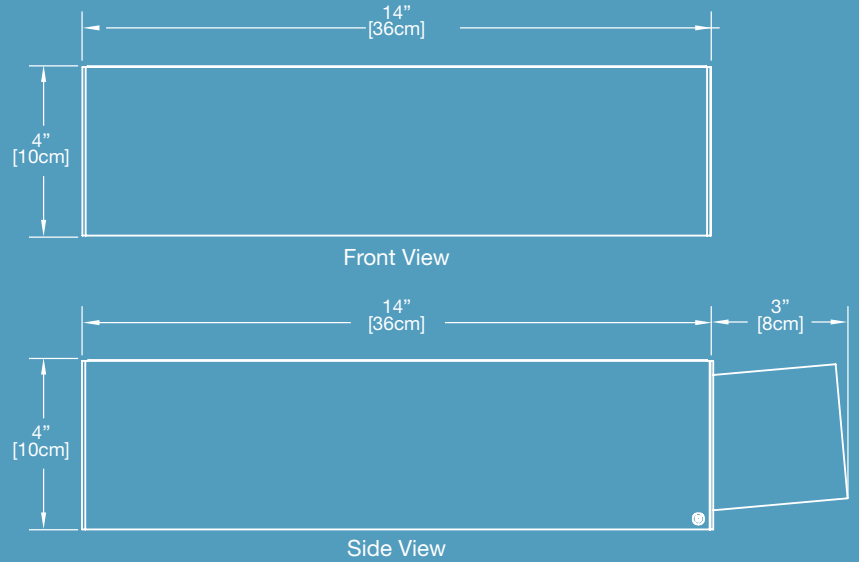
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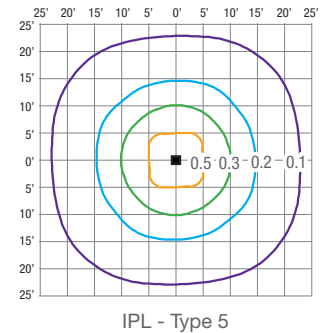
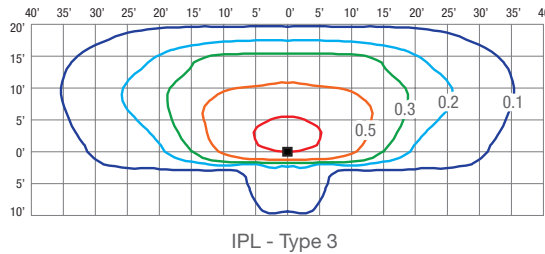
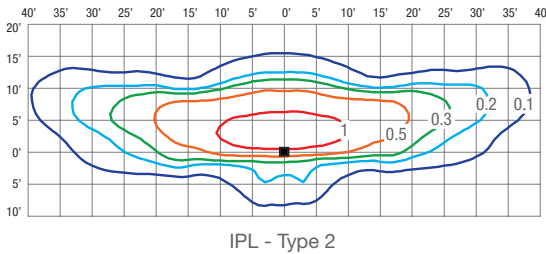
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EPA: 0.52ft² (0.05m²)
Weight: 25 lbs (11.4kg) including battery



PHOTOMETRICS



ORDER MATRIX

Series	Mounting	Finish	Distribution	LED Color	Lighting Profile	Options
SLC	SPMS - Side Pole Mount Square	BK - Black	T2 - Type 2	30K - 3000K	00 - Dusk till dawn	SEC - Security Fasteners
		BZ - Bronze	T3 - Type 3	43K - 4300K	01 - Dark +6 hours then off	
		SV - Silver	T5 - Type 5		02 - Dark +6 hours then 30%	
		WH - White			03 - Dark +5 hours, off, Dawn -1 hour	
		CC - Custom			04 - Dark +5 hours, 30%, Dawn -1 hour (DEFAULT)	

- Notes:
- Photometrics based on 12 ft mounting height
 - Specifications subject to change without notice
 - All light levels in foot candles (fc) with 4300K color temperature and 700 lumen output
 - To convert to lux multiply light level by 10.7



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