

# IntenCity-1™



## Solid State Outdoor Luminaire SL1600



### Installation

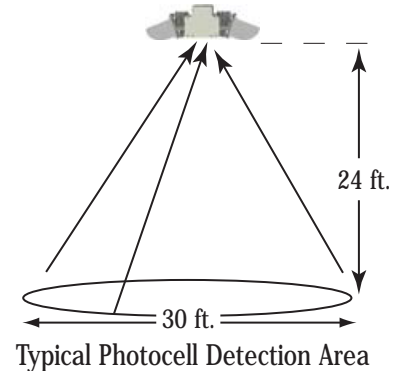
Luminaire mounts to standard 1.5" or 2" pipe fitting of streetlight mast or pole, using proprietary single-knob attachment.



### Options

LED color (590nm, RGB, custom mix)  
LED color temperature  
A-Bright White, B-Warm White, C-Cool White

SL1600B-2 = Warm White IES Type-2



### Applications

Solid-state lighting system for:

- residential streets
- parking lots
- high vibration bridges & tunnels
- sub-zero temperatures
- coastal Sea Turtle Safe model (Amb)
- tropical storm areas
- characterized for 24 ft. height

Replaces 100 watt HPS, Metal Halide and Mercury Vapor.

### Features

Low EPA (Effective Projected Area) for lowest wind-load of any luminaire. Designed for 120+ MPH winds.

Unique integral Down Looking Photocell, no opening in housing, no wiring, and outlasts LEDs.

White LEDs with proprietary optics and control system.

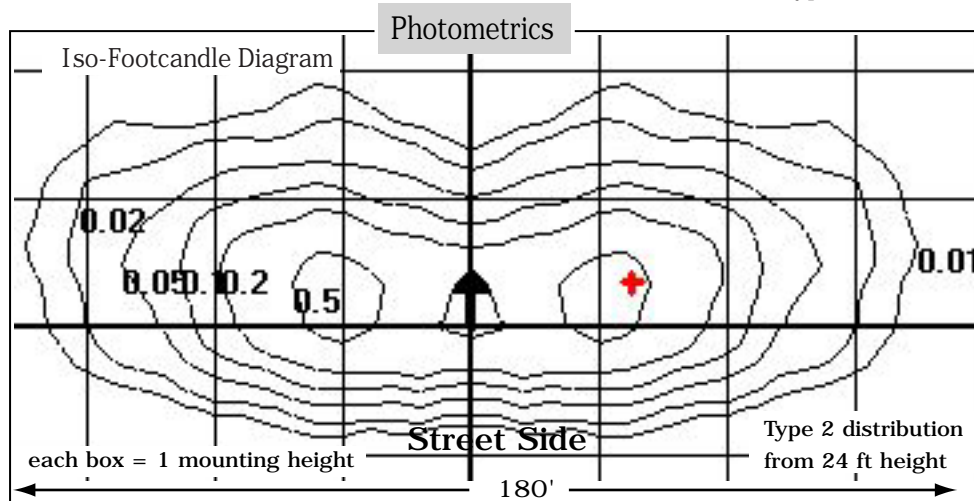
Sealed light engine has no air intake and never needs internal cleaning.

No Ballast. High PF current regulated, solid-state power supply, completely encapsulated for weather resistance. Integral 7KA 180-Joule MOV transient protection.

### Specifications

Lighting System Light Emitting Diodes  
Input Power 75VA, PF > 0.95  
Operating Voltage 100 to 277VAC, 47 to 63 Hz.  
Humidity 0 - 99%  
Dust and Moisture IP66 rating (no intrusion)  
Operating Temperature -40° C to 55° C  
Storage Temperature -40° C to 85° C  
Finish Black Anodized  
Dimensions 4 3/8" H x 16" W x 17.5" L  
Mounting Fits existing 1.5" or 2" pipe  
Weight 13 lbs  
Connections 3 x 8" 16 AWG wire leads  
Photocell ON < 1 footcandle, OFF @ > 1.5  
Correlated Color Temperature (CCT) 3,900K  
Lumens (Watts) approx. 1,340 (75 Watts)  
Compliance to Codes & Standards  
UL-C, NEC, NEMA, FCC Part 15 Class B  
General Light weight. Sharp optical cutoff, limited trespass, non-glare, 10+ year design life.  
Lumen Maintenance 70% after 50,000 hrs. at 30° C ambient temperature

Construction Heavy gauge aluminum extrusion, black anodized finish. Injection molded polycarbonate lens with gasket seal. Door opens for electrical connections and installation.



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