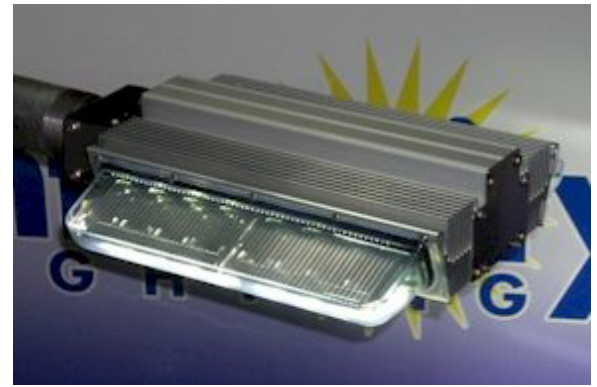


IntenCity-SL50™

Solid State Outdoor Luminaire



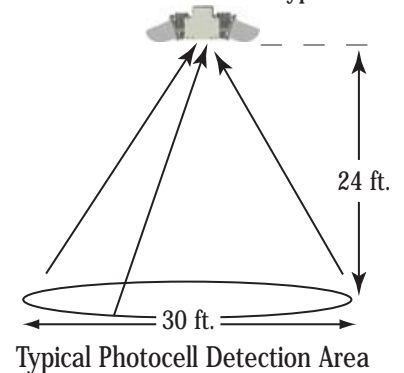
Installation

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
SL50B-2 = Warm White IES Type-2



Applications

Solid-state lighting system for:

- residential streets
- parking lots
- high vibration bridges & tunnels
- sub-zero temperatures
- tropical storm areas
- characterized for 24 ft. height

Replaces 150 watt HPS, Metal Halide and Mercury Vapor.

Features

Low EPA (Effective Projected Area) for lowest wind-load of any luminaire. Wind-tunnel tested to 150+ MPH.

Unique integral Down Looking Photocell, requires 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.

High PF current regulated, solid-state power supply, encapsulated for weather resistance.

Integral 7KA 180-Joule MOV transient protection.

Specifications

Lighting System Light Emitting Diodes

Input Power 80VA, PF > 0.95

Operating Voltage 100 to 277VAC, 47 to 63 Hz.

Humidity 0 - 99%

Dust and Moisture IP66 on Light Units and PS

Operating Temperature -40° C to 55° C

Storage Temperature -40° C to 85° C

Finish Clear Anodized Alum. + Stainless Steel

Dimensions 3.25" H x 12.5" W x 19.5" L

Mounting Fits existing 1.5" or 2" pipe

Weight 16 lbs

Connections 6 x 8" 16 AWG wire leads

Photocell ON < 1 footcandle, OFF @ > 1.5

Correlated Color Temperature (CCT) 4,500K

Lumens (Watts) approx. 4881 (80 Watts)

Compliance to Codes & Standards

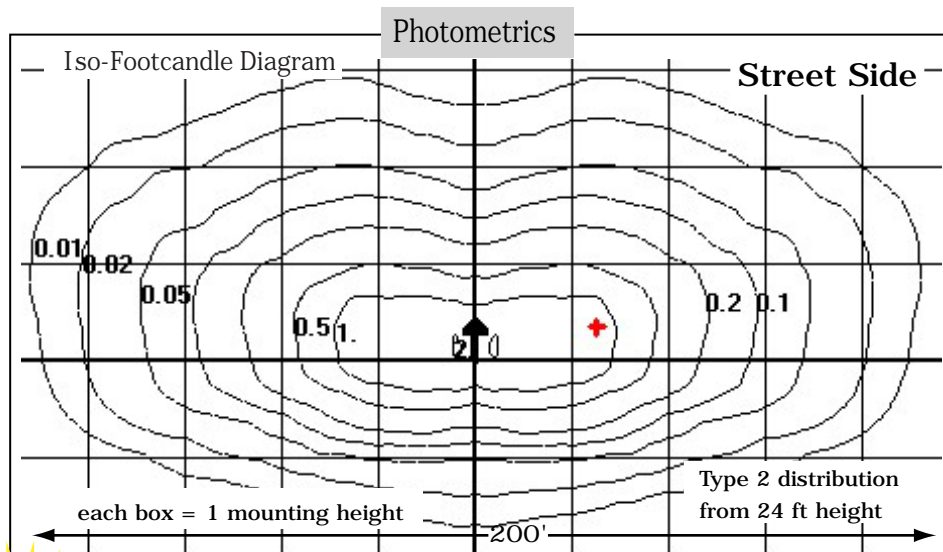
NEC, NEMA, FCC Part 15 Class B

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, clear anodized finish, corrosion resistant fasteners. Injection molded, gasket sealed polycarbonate lens. Lower compartment opens for electrical connections and installation.



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