

# Pole Mount Light 2B

## LED lighting system for parking areas

**Pole Mount Light 2B** is specifically designed to replace up to 250 W HID fixtures mounted on poles and walls in parking areas. The Type III distribution pattern is ideal for parking lots and customer traffic.

- Increases visibility at entrances, in the parking area, and along the property perimeter
- Mounts without requiring access inside the pole
- **Saves up to 80% energy compared with typical HID fixtures**

**Slipfitter** – Nominal 2" (actual 2.375" ID) fitter for poles with existing tenons or pole top mounting

**Power supply** – 75 W, Class 2, 1-10 V dimming power supply runs at only 60 W for cool operation and long life

**Progressive lens optics** – Focuses light on task areas in a Type III radiation pattern while softly illuminating peripheral area for increased safety and security

**Tempered glass lens** – Keeps optics clean and protects against UV exposure

**Motion sensor option available**

### Specifications

#### Electrical

Input voltage	100-277 VAC, 50-60 Hz
System power	60 W
System efficacy	120 lm/W
Inrush current	60 A
Motion Sensor (optional)	Dims fixture to 30% after 2 minutes of inactivity

#### Lighting

Light output	7200 Lumens (nominal)
Light distribution	Type III distribution
Colour (CCT)	5000 K
Colour rendering	70 CRI

#### Performance

Ingress Protection	IP66
IK Code	IK08
Operating temperature	-40°C to 50°C
Operating temperature for optional Motion Sensor	-20°C to 60°C
Life rating	100.000 hours (L <sub>70</sub> ) <sup>1</sup>

#### Construction

Body	Die cast aluminium
Body colour	Silver
Optics	Polycarbonate with tempered glass

#### Mounting

Adjustable slipfitter	Die cast aluminum fitter adjusts incrementally 12° up from horizontal and 90° down from horizontal
Pole top	Fitter mates to nominal Ø 2" (actual Ø 2.375") round pole
Side mounting	Use appropriate tenon accessory for side mounting to a round or square pole

#### Documentation

Warranty	5-year limited
Agency listings	EMC, CE, RoHS
Files available	LM-79, IES

<sup>1</sup> Based on LED component manufacturer data.

### Exterior

Area Lighting



Project Name/Location

Part Number

Notes#

Date



## Ordering Information

Example: 701955-5WSBX2

701955 — 5WSB —  2

### Dimming

Code	Description
X	No Sensor
M	Motion Sensor

### Tenon, Horizontal Single Mount (Accessory)

601  — SL —  —

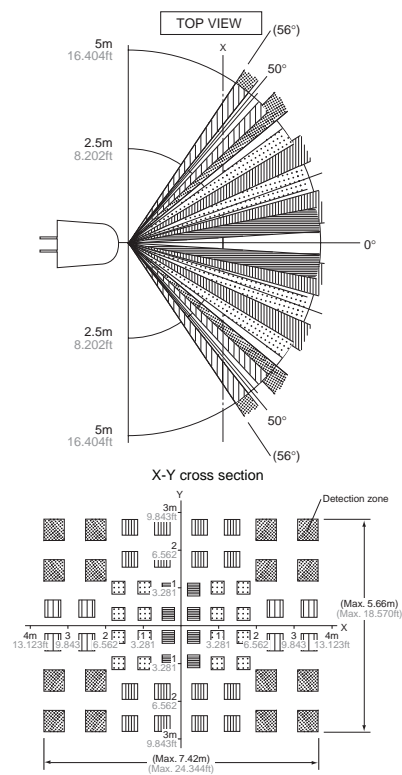
Pole Type	
Code	Description
102	Square
017	Round

Length	
Code	Description
	Standard
L	Long <sup>1</sup>

Diameter (round only)	
Code	Description
3.0	Fits 3.0" Ø pole

1 Required for 90° adjacent mounting.

## Motion Sensor Performance

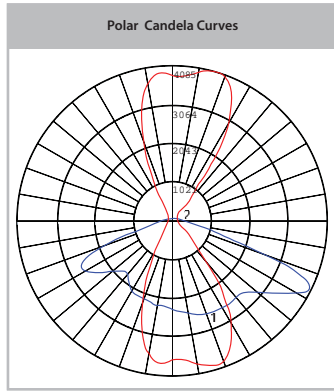


- Notes:
1. The X-Y cross-sectional diagram shows detection area.
  2. The differences in detection zone patterns are indicative of projections of 16 lenses with single focal point and with five optical axes. An object will be detected if it crosses inside detection zone and its temperature differs from background temperature.

### Motion Sensor



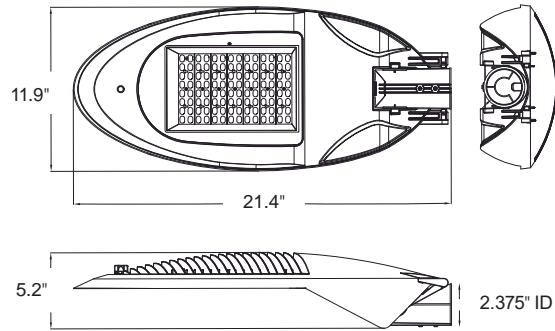
# Photometrics



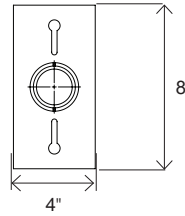
■ (1) Vertical Plane ■ (2) Horizontal Cone

# Dimensions

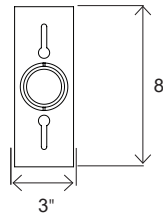
weight = 13 lbs



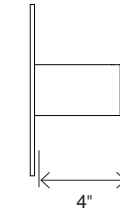
**Tenon Square Pole or Wall Mount**



**Tenon Round Pole**



**Standard**



**Long**

