



Wet Location Vapor Tight

Catalog Number	
Project	Type



FEATURES & SPECIFICATIONS

APPLICATION — Great for gyms, walk in coolers, parking garages, canopies and other sensitive areas. Suitable for indoor and outdoor applications.

CONSTRUCTION — The fixture is completely water-proof, dust-proof and corrosion resistant. Fixture features a metal gear tray inside a reinforced FRP polyester housing, an acrylic diffuser and positive cam stainless steel latches. Diffuser provides 120 degree light distribution. Rigid one-piece housing construction. Compression molded self-extinguishing fiberglass reinforced polyester compound with UL 5V flame rating (ASTM D635-74) and F1 weatherability rating. The housing is sealed against dust and moisture. Gear trays constructed of high reflective, 22-gauge, pre-painted steel.

FINISH — White color impregnated FRP polyester housing.

OPTICAL SYSTEM — High efficiency linear LED strips provide a medium light distribution pattern and exceptional horizontal and vertical performance. Inline thermal-formed contoured lens features linear refractor ridges for lamp obscuration and glare reduction.

ELECTRICAL SYSTEM — Long life LED's and high efficiency drivers work together to provide superior performance in an efficient package to deliver optimal performance. LED's provided in 3000K, 4000K, and 5000K with a CRI >80. Electronic drivers are available in 120/277 volt applications.

MOUNTING — The fixture can be quickly mounted via provided stainless steel mounting clips. The clips allow for suspended or surface mount installation.

LISTINGS — ETL listed for wet locations (IP65, IP66 and IP67). Meets US and Canadian safety standards. NSF International certified for NSF/ANSI Standard 2 – Food Equipment and Splash Zone 2. RoHS Compliant.

WARRANTY — The complete luminaire is covered by a 5-year limited warranty.

ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

EXAMPLE:

L2CVT 4 40 4L LRA 1

L2CVT						
SERIES	LENGTH	COLOR TEMP/CCT	NOMINAL LUMENS	LENS	VOLTAGE	OPTIONS
	4 = 4' 8 = 8'	30 = Warm White (3000K) 40 = Neutral White (4000K) 50 = Cool White (5000K)	4L = 4000 Lumens 6L = 6000 Lumens 8L = 8000 Lumens 10L = 10,000 Lumens 12L = 12,000 Lumens 16L = 16,000 Lumens	LRA = Clear Ribbed Acrylic FLRA = Frosted Ribbed Acrylic	1 = Multi-Volt ¹	HOEB = LED Battery Pack, 90 min, 4000 lumens C1 = 6' Cord Set, Twist-lock 120V C2 = 6' Cord Set, Twist-lock 277V C4 = 6' Cord Set, Twist-lock 480V SJ6 = 6', 3/8" dia., 16/3 SJ Cord MH = Myers Hub FBF = Internal Fast-Blow Fuse DLP = Dimming Leads Pulled WOC = Fixture Mount PIR Motion Sensor On/Off Only WOCLEV = Fixture Mount PIR Motion Sensor with Daylight Harvesting WOCBT = Bluetooth Mesh Wireless Smart Control EL400FS ² = Sensor extension with wire-through for sensor alignment
			8' Models Only			

ACCESSORIES (Order as separate line items)

- 10JC** (3) S Hooks and 10' Jack Chain Set
G10 10' Aircraft Cable w/ 12" Arms (Set of 2)
THE Tong Hanger, End Mount (Set of 2)
STC63 6' x 3X 18AWG, 1/2" Seal Tight Conduit with 1/2-14 NPT threaded fittings
STC64 6' x 4X 18AWG, 1/2" Seal Tight Conduit with 1/2-14 NPT threaded fittings

NOTES

- ¹ = Multi-Volt is an auto ranging power supply from 100V to 300V input.
² = Must be ordered as a separate line item, and along with one of the WOC options.

TECHNICAL DATA

Length	Wattage	Nominal Lumens	4000K Delivered Lumens
4 = 4'	26	4L	3968
	49	6L	5952
	52	8L	7936
	67.2	10L	10182
8 = 8'	86	12L	12980
	101	16L	15840

Energy Analysis

Input Voltage	120/277V
Nominal Lumen Output	4000~16,000 Lumens
CCT	4000 Kelvin
CRI	80 (minimum)
Life Time Rating	50,000 hrs @ L70
Input Frequency	50/60 Hz
Power Factor	>0.9

Fixture Analysis

Dimensions	51.65" x 6.77" x 4.25" (4' model) 99.65" x 6.77" x 4.25" (8' model)
Mounting	Surface or suspended
Weight	9-18 lbs
Warranty	5-Year Limited



FIXTURE MOUNT SENSOR

The **WOCBT** and **WOCLEV** PIR Fixture Mount Occupancy Sensors offer a comprehensive and user-friendly solution for intelligent lighting control in high and low bay applications. These easy-to-program sensors seamlessly integrate with existing LED fixtures using a standard 1/2" knockout, eliminating the need for complex wiring configurations.

WOCLEV PIR

Both highbay and lowbay lens are provided with sensor. Highbay lens is factory installed as standard. Lowbay lens must be field installed unless otherwise requested.



WOCBT PIR

HOLH 2D model shown with dimming occupancy sensor with bluetooth mesh technology.



ANDROID & IOS APP AVAILABLE FOR BLUETOOTH CONTROLLER



Android



IOS

EL400FS extension with SENSORS

APPLICATION — Sensor extension with wire-through for optimal sensor alignment, avoiding fixture obstructions to ensure a full range of view.

EL400FS - Wire-through motion sensor extension

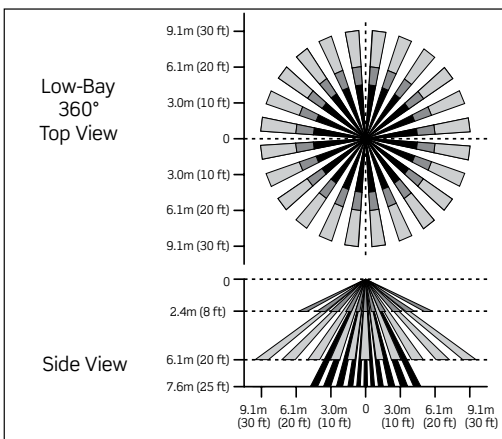
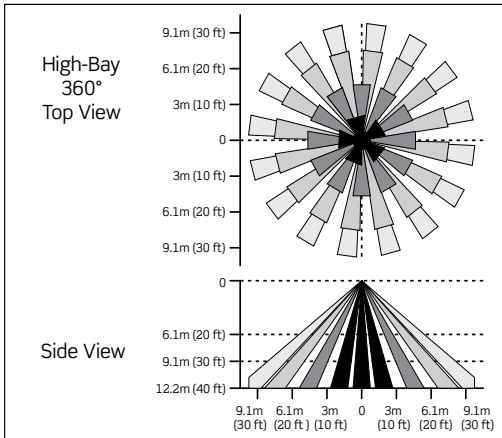


WOCLEV - Fixture Mount PIR Occupancy Sensor

WOCBT - Bluetooth Mesh Wireless Smart Control

Order EL400FS as a separate line item along with one of the sensors above.

WOCLEV PIR LENSES FIELD OF VIEW



KEY FEATURES:

- **1-10V Dimming Control (0-100%):** Precisely adjust light levels based on occupancy and ambient daylight, maximizing energy savings.
- **Integrated Photocell with Patented AutoCal™:** Automatically adapts lighting based on natural light, with set-it-and-forget-it calibration.
- **Interchangeable Lenses (360°):** Optimize detection for high bay (up to 40ft) or low bay environments with included lenses.
- **Universal Compatibility:** Works seamlessly with a wide range of LED fixtures.
- **Cold Storage Ready:** Available in a model suitable for temperatures as low as -40°F.

SIMPLIFIED INSTALLATION:

The **WOCBT** and **WOCLEV** sensors install directly onto your LED fixture through a standard 1/2" knockout using the provided locknut. Factory-connected wiring eliminates complex configurations, ensuring a quick and hassle-free setup.

ADDITIONAL FEATURES:

- **Suitable for standard and cold storage applications.**
- **Visual RGB LED indicators** provide clear device status and simplify troubleshooting.
- **Alternating relay software** extends lamp life.
- **Adjustable time delay (no power required)** for customization.
- **Pre-stripped color-coded wire leads** for efficient connection.
- **Quicksnap feature** for easy installation.
- **H.I.S. (High Inrush Stability) Technology** ensures smooth operation.
- **Zero crossing circuitry** protects electrical components.
- **Robust mechanical latching relay** delivers reliable performance.
- **Relay always returns to close after power loss event** for consistent operation.
- **UL listed for electronic driver loads 120/277V** guarantees safety and compliance.

IDEAL APPLICATIONS:

- Warehouses • Manufacturing Facilities • Gymnasiums
- Auditoriums • Retail Spaces (with high ceilings)



TECHLIGHT
GROUNDED IN ILLUMINATION