E2VP SERIES

Wet Location Vapor Tight

TECHLIGHT
INNOVATION IN ILLUMINATION

Catalog Number	
Project	Type
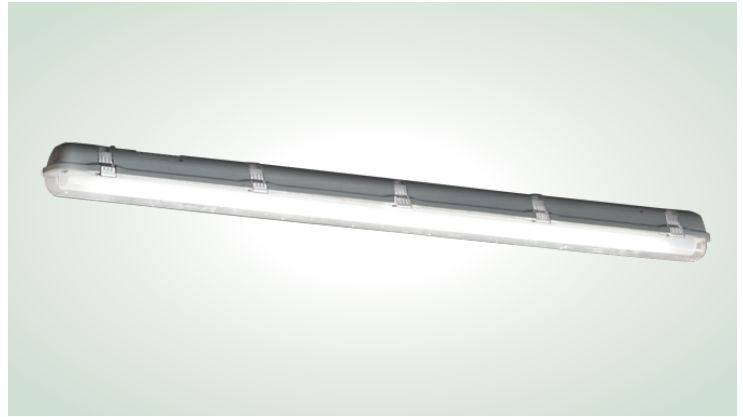
FEATURES & SPECIFICATIONS

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 ABS housing, a polycarbonate diffuser and positive cam stainless steel latches. Provided with an internal frosted diffuser to eliminate glare and provide a smooth distribution pattern. Diffuser provides 120 degree light distribution.

FINISH — Gray color impregnated fiberglass housing.

OPTICAL SYSTEM — High efficiency linear LED strips provide a medium light distribution pattern and exceptional horizontal and vertical performance.

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 4000K 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. IP65 rated for wet locations.

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:

E2VP 8 40 8L CLR 1 GRY

E2VP							
SERIES	**LENGTH**	**COLOR TEMP/CCT**	**NOMINAL LUMENS**	**LENS**	**VOLTAGE**	**HOSTAGE COLOR**	**OPTIONS**
2 = 2' (2L-4L) **4** = 4' (4L-8L) **8** = 8' (8L-14L)	**40** = Neutral White (4000K)	**2L** = 2000 Lumens **4L** = 4000 Lumens **6L** = 6000 Lumens **8L** = 8000 Lumens **10L** = 10000 Lumens **12L** = 12000 Lumens **14L** = 14000 Lumens	**CLR** = Clear Ribbed	**1** = Multi-Volt[1]	**GRY** = Grey **WH** = White (4' only)	**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		

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
2 = 2'	17	2L	1966
	34	4L	3735
4 = 4'	34	4L	3780
	49	6L	5570
	68	8L	7416
8 = 8'	98	10L	10080
	114	12L	11710
	136	14L	14280

Energy Analysis

Input Voltage	120/277V
Nominal Lumen Output	2000~14000 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	26.10" x 4.88" x 3.43" (2' model) 49.80" x 4.88" x 3.43" (4' model) 97.80" x 4.88" x 3.43" (8' model)
Mounting	Surface or suspended
Weight	9~28 lbs
Warranty	5-Year Limited

ETL LISTED c us | **RoHS** COMPLIANT | Buy American Act & the American Recovery and Reinvestment Act

All dimensions and specifications are subject to change without notice.

REV: 20240826-04

E2VP Wet Location Vapor Tight

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

EL40OFS extension with SENSORS

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

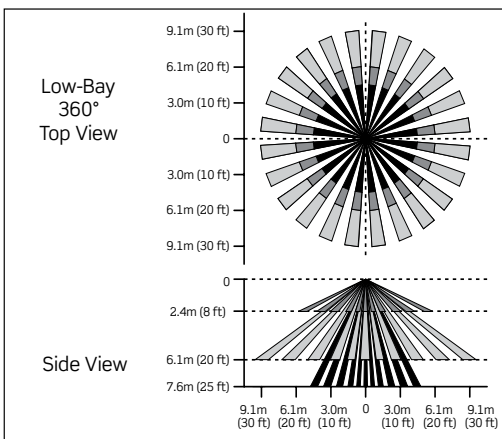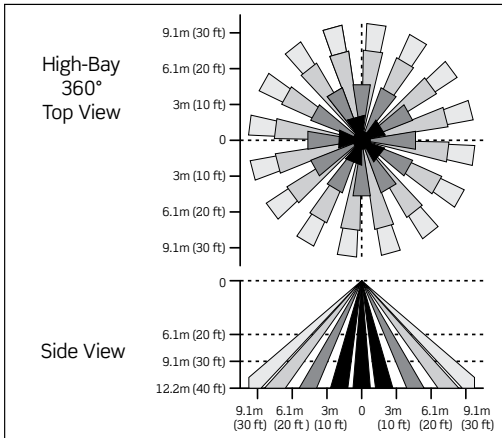**EL40OFS -** Wire-through motion sensor extension

WOCLEV - Fixture Mount PIR Occupancy Sensor

WOCBT - Bluetooth Mesh Wireless Smart Control

Order EL40OFS as a separate line item along with one of the sensors above.

WOCLEV PIR LENSES FIELD OF VIEW

High-Bay 360° Top View — 9.1m (30 ft), 6.1m (20 ft), 3m (10 ft), 0, 3m (10 ft), 6.1m (20 ft), 9.1m (30 ft)

Side View — 0, 6.1m (20 ft), 9.1m (30 ft), 12.2m (40 ft); 9.1m (30 ft), 6.1m (20 ft), 3m (10 ft), 0, 3m (10 ft), 6.1m (20 ft), 9.1m (30 ft)

Low-Bay 360° Top View — 9.1m (30 ft), 6.1m (20 ft), 3.0m (10 ft), 0, 3.0m (10 ft), 6.1m (20 ft), 9.1m (30 ft)

Side View — 0, 2.4m (8 ft), 6.1m (20 ft), 7.6m (25 ft); 9.1m (30 ft), 6.1m (20 ft), 3.0m (10 ft), 0, 3.0m (10 ft), 6.1m (20 ft), 9.1m (30 ft)

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)

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GROUNDED IN ILLUMINATION