

# LED VAPORTIGHT X

THE POWER OF LIGHT  
**ILLUMADYNE**



PROJECT NAME:

CATALOG #:

VOLTAGE:

WATTS:

FIXTURE TYPE:

CONTROLS TYPE:

## HIGHLIGHTS

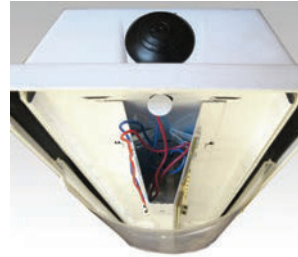
- > 140LPW
- > 80 CRI
- Mid Power LED's Reduce Glare and Improve Visual Comfort
- Available with Standard 0-10VDC dimming
- Integral PIR & Microwave Sensor Available
- Lifetime - L70 > 100,000 HRS
- Limited 7-Year Warranty

## CONSTRUCTION & MATERIALS

- Rigid one piece housing
- Continuous poured gasket for superior performance
- LED Module tray suspends from body with security straps
- Suitable for Damp and Wet Location
- ETL Listed

## LED SYSTEM

- Latest 3030 and 2835 mid-power LED's from Seoul Semiconductor
- Efficiencies up to 200LPW
- LED Boards are optimum in efficiency and thermal management through the use of all Aluminum PCB's
- Combined with the latest high efficiency drivers and our LED Modules
- Over 140 LPW for system efficacy (Including Driver Loss)
- Provides a modular concept for scalability
- Drivers equipped with short circuit and over temp protection
- Built in 6KVA Surge Protection



ORDERING EXAMPLE: XVTX - XX - XXX - (XX) - XXXX - X - [OPTIONS] - XXX

## ORDERING GUIDE

SERIES	POWER LEVEL	VOLTAGE	CONFIGURATION	CCT	DISTRIBUTION
4VTX	BLANK (Normal Efficiency)	UNV (120-277V)	42 (4' x 2 BARS)	4000 4000K	S Spread
8VTX	HE (High Efficiency)		44 (4' x 4 BARS)	5000 5000K	B Broad
Notes: 4' Length 8' Length	Notes:	Notes:	Notes:	Notes:	Notes:

## OPTIONS

**DOBSM** (Dimming Hi/Lo Microwave Sensor)  
**DOBSL** (Low Mount Dimming Hi/Lo PIR Sensor)  
**DOBNLS** (Bluetooth® Network Sensor)  
**BBU** (20w Battery Backup)  
**SP** (20KV Surge Protector)  
**10Y** (10' Y-Toggle Hanger Assembly)  
**120TL** (6' Cordset with 120V Twistlock)  
**277TL** (6' Cordset with 277V Twistlock)  
**10MC** (10' Metal Armored Cable)  
**CC** (Conformal Coated Board)

Notes:

## LENSING

**DLP** (Diffuse Lens Polycarbonate)  
**DLA** (Diffuse Lens Acrylic)  
**CLP** (Clear Lens Polycarbonate)  
**CLA** (Clear Lens Acrylic)

Notes:



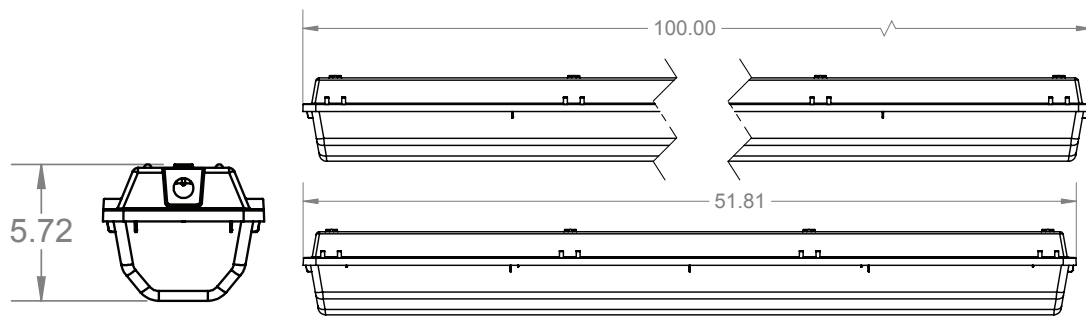
## SPECIFICATIONS

FIXTURE	# BARS	SYSTEM WATTS	DELIVERED LUMENS	EFFICACY LUMENS/W	CRI	CCT (°Kelvin)
2VTX UNV 22 30W	2	30 W	4,500	150	>80	4,000-5,000
4VTX UNV 42 40W	2	42 W	6,000	140	>80	4,000-5,000
4VTX UNV 42 50W	2	50 W	7,100	142	>80	4,000-5,000
4VTX UNV 42 60W	2	60 W	8,400	140	>80	4,000-5,000
8VTX UNV 44 90W	4	90 W	13,000	145	>80	4,000-5,000

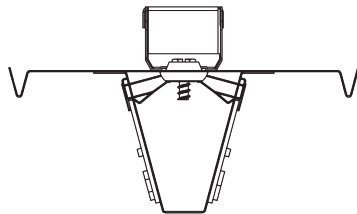
SYSTEM WATTS @ 120 VAC

Delivered Lumens Based on 5000K CCT

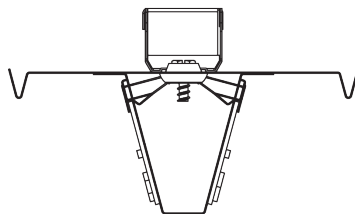
## FIXTURE DETAILS



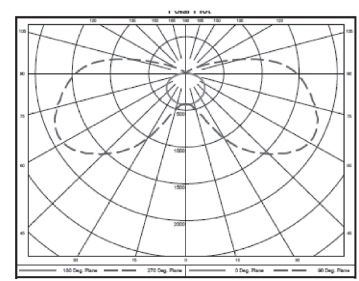
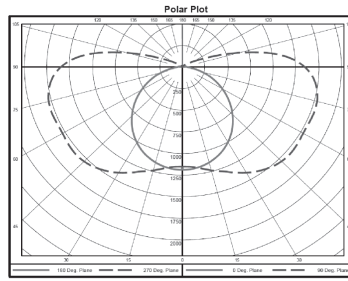
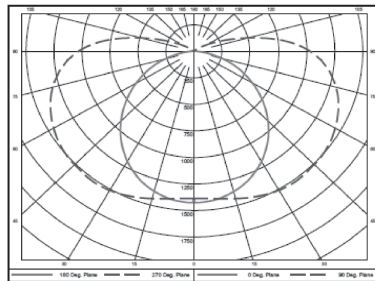
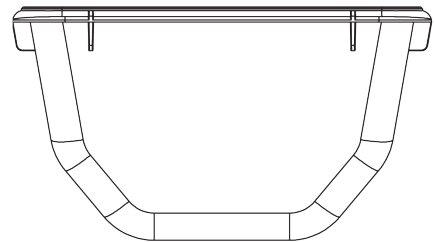
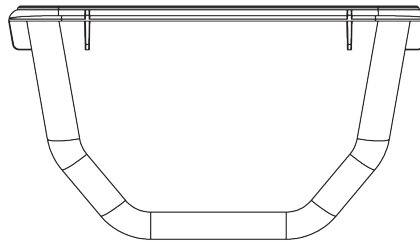
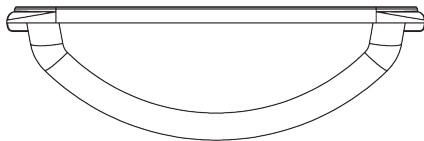
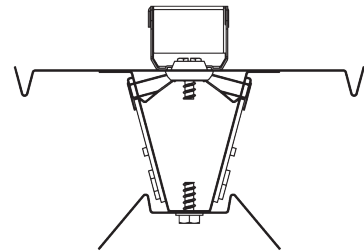
**CIRA**  
with no reflector



**LIRA**  
with no reflector



**LIRA**  
with reflector



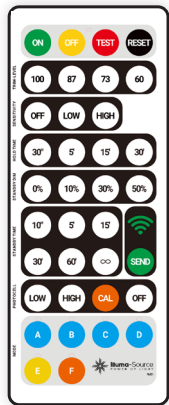
# LED VAPORTIGHT X



IP65

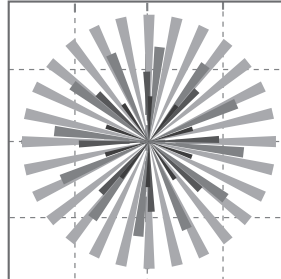


## INTEGRATED LOW VOLTAGE PHOTO/BI-LEVEL PIR MOTION SENSOR-IFS05

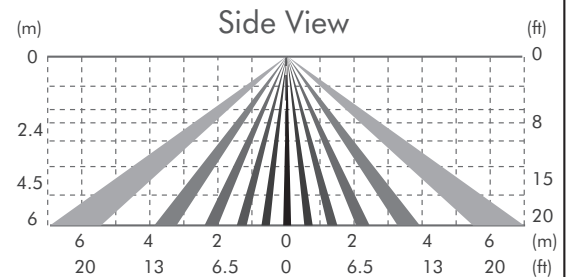


### LENS IFSL1 2X Standard

Top View



Mounting Height	m (ft)	2.4 (8)	3.0 (10)	4.5 (15)	6.0 (20)
Max. Coverage Diameter	m (ft)	4.8 (16)	6.0 (20)	9.0 (30)	12.0 (40)



#### L - LOW MOUNT 360° LENS

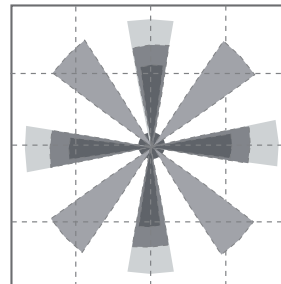
- Recommended for motion detection from mounting heights between 8 ft and 20 ft.
- Initial detection of motion along sensor axes at distances of 2x the mounting height up to 20 ft.
- Initial detection will occur more rapidly when moving across sensor's field of view than moving directly at sensor.

#### HIGH MOUNT 360° LENS

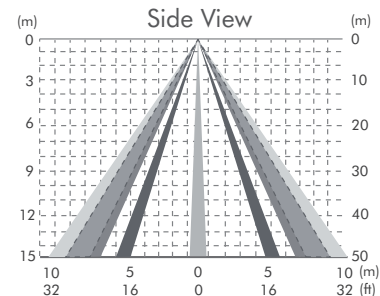
- Optimized full coverage pattern for 10 – 50 ft.
- Reliable detection of large motion up to 50 ft. mounting height.

### LENS IFSL2 1X High Bay

Top View



Mounting Height	m (ft)	9.0 (30)	11.0 (36)	13.0 (43)	15.0 (49)
Max. Coverage Diameter	m (ft)	9.0 (30)	11.0 (36)	13.0 (43)	15.0 (49)



## BLUETOOTH® WIRELESS NETWORK SENSOR

### BLUETOOTH® MESH COMMERCIAL GRADE LIGHTING CONTROL SYSTEMS

Illuma-Source offers a complete stand-alone wireless system to control luminaires in a wide variety of applications. The system devices include a luminaire mounted controller and sensor with Bluetooth® technology. This technology provides wireless communication with occupancy/daylight harvesting control, all in one device.

Each Bluetooth® enabled device is a wireless node capable of sending, receiving, and sharing control commands through a wireless mesh network. Expandability is easy with each device passing information to the next to enlarge the reach and control throughout the network.

### Bluetooth Wireless Mesh Network

