

LED VAPORTIGHT

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: VT - XX - XXX - (XX) - XXXX - [OPTIONS] - XXX

ORDERING GUIDE

SERIES	POWER LEVEL	VOLTAGE	CONFIGURATION	CCT
2VT	BLANK (Normal Efficiency)	UNV (120-277V)	22 (2' x 2 BARS)	3500 3500K
4VT	HE (High Efficiency)		42 (4' x 2 BARS)	4000 4000K
8VT			44 (4' x 4 BARS)	5000 5000K
Notes: 2' Length 4' Length 8' Length	Notes:	Notes:	Notes:	Notes:

OPTIONS	LENSING
DOBS (Dimming Hi/Lo PIR Sensor)	DLP (Diffuse Lens Polycarbonate)
DOBSL (Low Mount Dimming Hi/Lo PIR Sensor)	DLA (Diffuse Lens Acrylic)
DOBNLS (Bluetooth® Network Sensor)	CLP (Clear Lens Polycarbonate)
BBU (20w Battery Backup)	CLA (Clear Lens Acrylic)
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)	
SSL (Stainless Steel Latches)	
Notes:	Notes:



SPECIFICATIONS

FIXTURE	# BARS	SYSTEM WATTS	DELIVERED LUMENS	EFFICACY LUMENS/W	CRI	CCT (°Kelvin)
2VT UNV 22	2	30 W	4,500	150	>80	4,000-5,000
4VT HE UNV 42	2	45 W	6,500	144	>80	4,000-5,000
4VT UNV 42	2	56 W	8,000	142	>80	4,000-5,000
8VT HE UNV 44	4	86 W	12,000	139	>80	4,000-5,000
8VT UNV 44	4	95W	13,000	136	>80	4,000-5,000

SYSTEM WATTS @ 120 VAC
Delivered Lumens Based on 5000K CCT



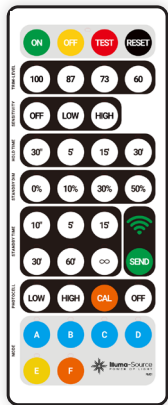
LED VAPORTIGHT



IP65

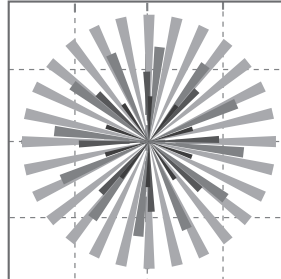


INTEGRATED LOW VOLTAGE PHOTO/BI-LEVEL PIR MOTION SENSOR-IFS05

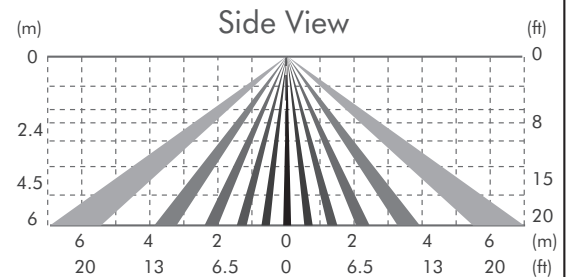


LENS IFSL1 2X Standard

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

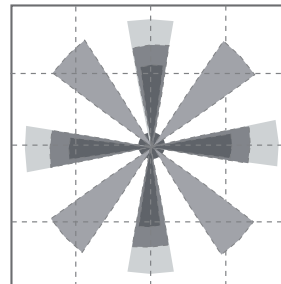
- Recommended for motion detection from mounting heights between 8 ft and 20 ft.
- Initial detection of motion along sensor axes at distances of 2x the mounting height up to 20 ft.
- Initial detection will occur more rapidly when moving across sensor's field of view than moving directly at sensor.

HIGH MOUNT 360° LENS

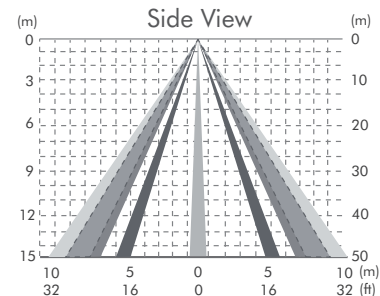
- Optimized full coverage pattern for 10 – 50 ft.
- Reliable detection of large motion up to 50 ft. mounting height.

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

