LED PREMIUM WRAP

THE POWER OF LIGHT
ILLUMADYNE

PROJECT NAME:	
CATALOG #:	
VOLTAGE:	WATTS:
FIXTURE TYPE:	CONTROLS TYPE:

DLC LISTED *7 YEAR WARRANTY* *DIMMABLE LED* *BAA COMPLIANT LIGHTING PRODUCTS*

HIGHLIGHTS

- \> 130LPW
- \> 80 CRI
- Mid Power LED's Reduce Glare and Improve Visual Comfort
- Continuous Dimming Driver with Standard 0-10VDC Control Signal
- Integral PIR & Microwave Sensor Available
- Lifetime - Designed to last up to 100,000 HRS
- Limited 7-Year Warranty

CONSTRUCTION & MATERIALS

- Screw Fastners, All Aluminum Construction
- Low-profile, lightweight design provides ease of installation
- Surface Mount or Aircraft Cable Hanger Assembly
- Suitable for Damp Location
- ETL Listed

LED SYSTEM

- Latest 3030 and 2835 mid-power LED's from Samsung
- Efficiencies up to 200 LPW
- Linear LED Boards for the optimum in efficiency and thermal management through using all Aluminum PCB's.
- Combined with the latest high efficiency drivers and our LED Modules.
- Able to achieve over 140 LPW for system efficacy (Including Driver Loss).
- Modular concept for scalability.
- All drivers are equipped with short circuit and over temp protection.
- Built in 6KVA Surge Protection

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

ORDERING GUIDE

SERIES	POWER LEVEL	VOLTAGE	CONFIGURATION	WATTS	CCT
2WR 4WR	**BLANK** (Normal Efficiency)	**UNV** (120-277V)	**22** (2' x 2 BARS) **42** (4' x 2 BARS)	**25W** (25 Watt) **35W** (35 Watt) **58W** (58 Watt)	**3500** 3500K **4000** 4000K **5000** 5000K
Notes:	Notes:	Notes:	Notes:	Notes:	Notes:

OPTIONS	LENSING
DOBSL (Low Mount Dimming Hi/Lo PIR Sensor) **DOBNLS** (Bluetooth® Network Sensor) **BBU** (20w Battery Backup)	**DL** (Diffuse Lens)
Notes:	Notes:

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LED PREMIUM WRAP

SPECIFICATIONS

FIXTURE	# BARS	SYSTEM WATTS	DELIVERED LUMENS	EFFICACY LUMENS/W	CRI	CCT (°Kelvin)
2WR UNV 22 25W	2	25 W	4,050	130	>80	3,500-5,000
4WR UNV 42 35W	2	35 W	4,300	135	>80	3,500-5,000

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

PHOTOMETRY

2WR-UNV-22-25W-3500K Report #: CRT2011050908-002B | Total Luminaire Output: 3958.5 lumens; 31.3 Watts | Efficacy: 126.3 lm/W | 82 CRI; 3500K CCT
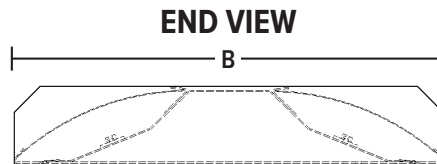

Polar Candela
- Max Cd: 135° H
- 0° H
- 90° H

VERTICAL ANGLE	HORIZONTAL ANGLE		
	0°	45°	90°
0	1175	1175	1175
10	1160	1156	1151
20	1097	1097	1097
30	991	996	1007
40	856	868	892
50	694	720	765
60	516	566	627
70	326	411	488
80	141	270	356
90	0	157	242
100	0	84	156
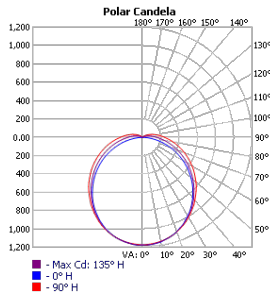
CANDLEPOWER DISTRIBUTION

ZONE	LUMENS	LUMINAIRE
0-30	914.7	23.1%
0-40	1,501.7	37.9%
0-60	2,697.8	68.2%
60-90	1,046.1	26.4%
70-100	681.3	17.2%
90-120	205.2	5.2%
0-90	3,743.9	94.6%
90-180	214.6	5.4%
0-180	3,958.5	100.0%

LUMEN SUMMARY

Isoilluminance

20 fc / 1 fc / 10 fc / 0.5 fc / 5 fc / 0.1 fc / 50% Max Cd
Distance in units of mount height (20ft)   --- Max Cd
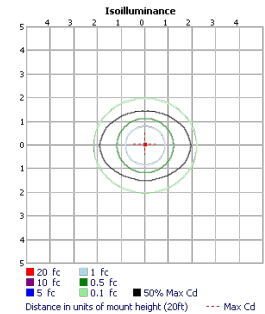
FIXTURE DETAILS

FIXTURE	2WR	4WR
A	24"	48"
B	9.25"	15.25"
C	2.125"	2.125"
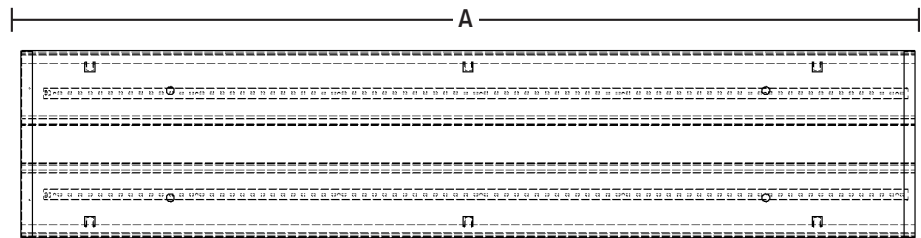
END VIEW

B

C

TOP VIEW

A

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ETL LISTED • IP65 • 5 YEAR WARRANTY
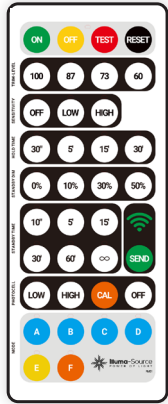
LENS IFSL1 2X Standard

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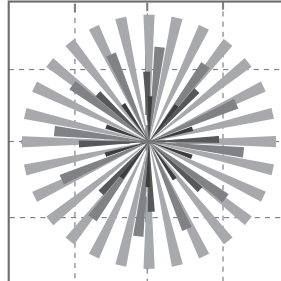
| Mounting Height	m (ft)	2.4 (8)	3.0 (10)	4.5 (15)	6.0 (20)
Max. Coverage Diameter	m (ft)	4.8 (16)	6.0 (20)	9.0 (30)	12.0 (40)

Side View
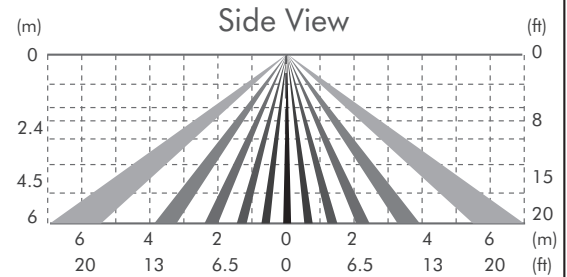
L - LOW MOUNT 360° LENS

- 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.
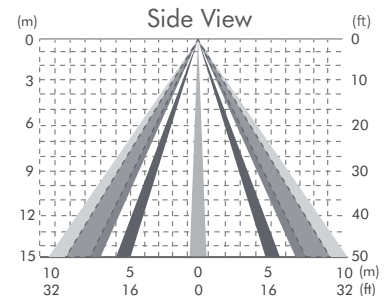
HIGH MOUNT 360° LENS

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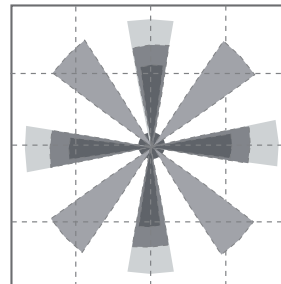
Mounting Height	m (ft)	9.0 (30)	11.0 (36)	13.0 (43)	15.0 (49)
Max. Coverage Diameter	m (ft)	9.0 (30)	11.0 (36)	13.0 (43)	15.0 (49)

Side View

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

Occupancy/Daylight Sensor

Controller

Fixture

Control&Commissioning App

Wall Switch