



EVEREST 2.0

LINEAR HIGH BAY

PRODUCT
OVERVIEW



SCAN OR
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FEATURES

- Compact, lightweight fixture with rugged steel construction and toolless access into the driver channel
- High efficiencies (up to 167 LPW) that translate into a low life cycle cost
- Offers lumen selectable outputs up to 60,000 to accommodate various ceiling heights, fixture spacings, and application requirements
- Designed for ambient temperature settings from -40°F up to 122°F with 6kV ANSI Surge Protection
- Efficient 1-for-1 replacement of linear fluorescent & HID fixtures that is configurable to current site requirements offering 12 different lumen and size configurations
- Patent Pending Field installable/swappable precision designed wide and narrow distributions
- Plug N Play Sensor Ready Luminaire with 12V Auxiliary DIM to Off Drivers

DIGITAL NAVIGATION

Explore the spec sheet through the links below

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[CONTROLS](#)

[QUICK SHIP](#)
[LINE DRAWINGS](#)

[LED SYSTEMS TABLE](#)
[PHOTOMETRIC DATA](#)



SUITABLE APPLICATIONS

- Warehouse
- Distribution Centers
- Gymnasiums
- Manufacturing Plants

CERTIFICATIONS



synapse



SPECIFICATIONS

CONSTRUCTION

The Everest 2.0 series Highbay features a slim profile rugged steel housing for maximum flexing prevention. The EVT is available in 18", 2', or 3' lengths for a fully scalable solution. IP5X Rated lens apertures add additional dust prevention. Thumbs screws and a hinged driver door provide toolless access for ease of maintenance and installation. Power access plate mounted on back of center driver channel for easy access to wiring. Standard finish is glossy white.

ELECTRICAL

Non Isolated high-performance drivers features over-voltage, under-voltage, short circuit and over temperature protection. L70 >100,000 hrs. in accordance with IESNA TM-21-19 projected values at 25°C Ambient temperature. Power Factor > 0.90, THD<20%, may vary with options. Standard 120-277 Vac 50/60Hz or 277-480 Vac 0-10V dim to off drivers when utilizing a sensor, dimming to 10% from slide dimmers. Input power stays constant over life. 6kV/3kA Standard surge protection per ANSI C82.77-5-2015 with additional 10kV and 20kV options available. FCC CFR Title 47 Part 15, Class B rated drivers. Lumen Selectability & CCT Selectability (CCTS SKUs) allow for ease of adjustment with integral switches in the toolless driver compartment. Selectable fixtures ship at the highest lumen output. Optional emergency battery backups, inverters, generator transfer device and dimming transfer relays available to meet critical life safety lighting requirements. Emergency Options provides 90 minutes of constant power to the LED system, ensuring code compliance. All EM options are CEC Title 20 Compliant.

INSTALLATION

Options include suspension chain, aircraft cables, hook, single pendant, surface mount utilizing appropriate mounting accessory. V-Hooks provided standard.

OPTICS

Patent pending field swappable lenses standard. Lens options include impact resistant frosted acrylic lens (FRL), clear polycarbonate lens (PCL), and diffuse narrow distribution optic/lens (DND). Clear polycarbonate lens (PCL) is recommended for protection in high impact environments. Narrow distribution is not available in conjunction with other lens options. 80 CRI Standard. Available in dedicated 4000K or 5000K CCT options or CCT Selectable (CCTS). CCTS Selectable models EVT1-12L/18L/24L (3500K, 4000K, 5000K) & EVT2-24L/30L/36L (4000K & 5000K). Standard CCT selection is 5000K. CCTS is not available with DND Narrow Lenses.

THERMAL

The Everest 2.0 Series features an array of High-efficacy LED's mounted on a metal core circuit board. The LED boards are mounted directly to the steel housing to provide excellent thermal performance extending the life of electronic components. Operating Ambient Temperature: -40°C to +50°C (-40°F to 122°F) to maintain ambient rating, installation height cannot be lower than 12'. Reduced fixture maximum ambient on emergency battery backups/inverters and surface mount, consult factory.

CONTROLS

Standalone Controls:

Everest 2.0 Series is sensor ready with 12V Auxiliary Driver Power standard. Optional PIR & Microwave sensors available installed in housing hinged door. Sensors provide optional on/off control, High end/low end trim, continuous dimming, daylight harvesting, bi-level dimming, and remote control allows for on-site modifications depending on the model chosen. See control page for detailed information.

Wireless Control Systems:

The Everest 2.0 Series is wireless mesh controls ready with Easy Sense, Lutron Athena, and Synapse wireless control platforms. Inquire with factory for more information or for additional controls options, including customer supplied items. See control page for detailed information.

CERTIFICATIONS

ETL Listed for damp locations to UL 1598 and UL 8750 standards. IP5X Rated Lens Aperture. Tested in accordance with IESNA LM-79 and LM-80 standards. Title 24 Compliant; see local ordinance for qualification information. IK04 rated FRL & DND Lenses. IK10 rated with polycarbonate lenses (PCL) per IEC 66262 mechanical impact code. DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

WARRANTY

5 Year Warranty Standard; 10 Year Warranty Optional ([Terms and Conditions apply](#)).



PART #

Example: EVT1-12L/18L/24L-U-40-FRL-EM25-SP1-2ED10/LW-10YR

SERIES	LUMENS	DRIVER	CCT	LENS/DISTRIBUTION	EMERGENCY
EVT1	12L/18L/24L - Lumen Selectable 12L 12,000 lm 18L 18,000 lm 24L 24,000 lm	U 120-277V HV ¹⁰ 277-480V	40 4000K 50 5000K CCTS ¹ Selectable CCT 3500K/4000K/5000K or 4000K/5000K - See footnote 1 for details	FRL Frosted Acrylic Wide Distribution PCL Clear Polycarbonate Wide Distribution DND ² Diffuse Narrow Distribution	BLANK None EM35 ^{3,14,15} 35W CEC Title 20 Compliant Inverter EM25 ^{3,12,14,15} 25W CEC Title 20 Compliant Self Diagnostic Inverter EM18 ^{3,14,15} 18W CEC Title 20 Compliant Self Diagnostic Battery Backup EM14 ^{3,14,15} 14W CEC Title 20 Compliant Self Diagnostic Battery Backup EM10 ^{3,14,15} 10W CEC Title 20 Compliant Self Diagnostic Battery Backup GTD ^{3,15} Generator Transfer Device DTS ³ Dimming Transfer Switch
EVT2	24L/30L/36L - Lumen Selectable ¹³ 24L 24,000 lm 30L 30,000 lm 36L ¹³ 36,000 lm				
EVT3	36L/42L/48L - Lumen Selectable ¹³ 36L ¹³ 36,000 lm 42L ¹³ 42,000 lm 48L ¹³ 48,000 lm 50L/56L/60L - Lumen Selectable 50L 50,000 lm 56L 56,000 lm 60L 60,000 lm				

CONTROLS OPTIONS			
BASIC		ADVANCED	
BLANK	3.5MM Sensor Ready, see accessories for Plug N Play Sensor	BLANK	None
FSP311/Lx ⁴	Legrand FSP-311; Lx = Mounting Height, - L3 = 20'MH - L7 = 40'MH	ESMC/HB ⁴	EasySense High Bay Sensor
		SYN ⁵	Synapse Control System DIM10-087-06-IP w/ Dim to Off
		SYNS ⁵	Synapse Control System DIM10-087-06-IP w/ Dim to Off
		AWN ⁶	Driver & w/ Sensor; 40' Mounting Height
		CS/xxxx ⁷	Lutron Athena Option - Dim to Off Consult Factory Customer Supplied Controls

PROTECTION	
BLANK	6kV Standard 120-277V Surge Protection
SP1	10kV 120-277V Surge Protector
SP2	20kV 120-277V Surge Protector
SP1HV	10kV 277-480V Surge Protector
SP2HV	20kV 277-480V Surge Protector

WIRING	
BLANK	None
Cx/3W	3-wire cord standard fixtures (xFT = Length; x=6,10,15,20)
Cx/4W	4-wire cord for EM fixtures (xFT = Length; x=6,10,15,20)
Cx/5W	5-wire cord for non EM fixtures with external dim control (xFT = Length; x=6,10,15,20)
Cx/6W	6-wire cord for EM fixtures with external dim control (xFT = Length; x=6,10,15,20)
Cx/3W/L715P	3-wire cord standard fixtures with L715P Plug (xFT = Length; x=6,10,15,20)
QDx/3W ¹⁰	3-wire Quick Connect for non EM fixtures (xFT = Length; x=6,10,15,20)
RRLA ⁸	RELOC Ready Luminaire - Hot conductor wired to position #1 (phase A); Non-dimming
RRLB ⁸	RELOC Ready Luminaire - Hot conductor wired to position #2 (phase B); Non-dimming
RRLAE ^{8,9}	RELOC Ready Luminaire - Hot conductor wired to position #1 (phase A), hot conductor #2 wired to position #2 (phase B); Non-dimming
2EA10/LW ⁵	ATKORE ACS FLEX3+ 10' Fixture Drop - 277/480V - 3-Wire Phase A #16AWG for use on 20A Branch Circuits
2EB10/LW ⁵	ATKORE ACS FLEX3+ 10' Fixture Drop - 277/480V - 4-Wire Phase A #16AWG for use on 20A Branch Circuits
2ED10/LW ⁵	ATKORE ACS FLEX3+ 10' Fixture Drop - 277/480V - 3-Wire Phase B #16AWG for use on 20A Branch Circuits

WARRANTY	
BLANK	5 Year
10YR ⁷	10 Year

CONTINUE TO NEXT PAGE



SHIP WITH ACCESSORIES	
BLANK	None
+NURO6-WHT-V1 ⁴	NUROAir Plug n Play Bluetooth Groupable Sensor
NURO-SW-3B-BT-BLE-WP-V1	NUROAir Bluetooth 3-Key Wireless Battery Powered Wall Switch
NURO-SW-5B-BT-BLE-WP-V1	NUROAir Bluetooth 5-Key Wireless Battery Powered Wall Switch
NURO-SW-7B-AC-BLE-WP-V1	NUROAir Bluetooth 7-Key Line Voltage (AC 120-277V) Powered Wall Switch
AC5Y	Adjustable 5' Y-Toggle aircraft cable set
AC10Y	Adjustable 10' Y-Toggle aircraft cable set
+EVT-G2-SMB-KIT ^{10,14}	EVT 2.0 Surface Mounting Bracket Kit
+EVT-G2-CPMB/HK-KIT ¹⁰	EVT 2.0 Center Point Mounting Bracket Kit with Cast Iron Hook
+EVT-G2-CPMB/HUB34-KIT ¹⁰	EVT 2.0 Center Point Mounting Bracket Kit with 3/4" Conduit Hub
+UHBMS	User Selectable Universal Microwave High Bay Sensor for 3.5mm Jack
+UHBS-3.5MM-KIT	User Selectable Universal PIR High Bay Sensor for 3.5mm Jack
+UHBS-RC	Universal High Bay PIR Sensor Remote Control
+UHBS-ON/OFF-3.5MM	On/Off Universal PIR High Bay Sensor for 3.5mm Jack
ESMC/WWS/DR	EasySense Dual Rocker Wireless Wall Switch
+EVT1-G2-WC-KIT	EVT 1' Wire Cage Kit
+EVT2-G2-WC-KIT	EVT 2' Wire Cage Kit
+EVT3-G2-WC-KIT	EVT 3' Wire Cage Kit



QUICK SHIP ITEMS

PRODUCT	DESCRIPTION	DLC LISTING
EVT1-12L/18L/24L-U-50-FRL	EVT2.0, 12,000/18,000/24,000 Lumen Select, Frosted Lens, 5000K	Premium
EVT2-24L/30L/36L-U-50-FRL	EVT2.0, 24,000/30,000/36,000 Lumen Select, Frosted Lens, 5000K	Premium
EVT3-36L/42L/48L-U-50-FRL	EVT2.0, 36,000/42,000/48,000 Lumen Select, Frosted Lens, 5000K	Premium
EVT3-50L/56L/60L-U-50-FRL	EVT2.0, 50,000/56,000/60,000Lumen Select, Frosted Lens, 5000K	Premium
EVT1-12L/18L/24L-U-40-FRL	EVT2.0, 12,000/18,000/24,000 Lumen Select, Frosted Lens, 4000K	Premium
EVT2-24L/30L/36L-U-40-FRL	EVT2.0, 24,000/30,000/36,000 Lumen Select, Frosted Lens, 4000K	Premium
EVT3-36L/42L/48L-U-40-FRL	EVT2.0, 36,000/42,000/48,000 Lumen Select, Frosted Lens, 4000K	Premium
EVT3-40L/56L/60L-U-40-FRL	EVT2.0, 50,000/56,000/60,000Lumen Select, Frosted Lens, 4000K	Premium
EVT1-12L/18L/24L-U-CCTS-FRL	EVT2.0, 12,000/18,000/24,000 Lumen Select, Frosted Lens, 35K, 40K, 50K Selectable	Premium
EVT2-24L/30L/36L-U-CCTS-FRL	EVT2.0, 24,000/30,000/36,000 Lumen Select, Frosted Lens, 40K & 50K Selectable	Premium

QUICK SHIP ACCESSORIES	
BLANK	None
AC5Y	Adjustable 5' Y-Toggle aircraft cable set
AC10Y	Adjustable 10' Y-Toggle aircraft cable set
+EVT-G2-SMB-KIT ^{10,14}	EVT 2.0 Surface Mounting Bracket Kit
+EVT-G2-CPMB/HK-KIT ¹⁰	EVT 2.0 Center Point Mounting Bracket Kit with Cast Iron Hook
+EVT-G2-CPMB/HUB34-KIT ¹⁰	EVT 2.0 Center Point Mounting Bracket Kit with 3/4" Conduit Hub
+UHBS-3.5MM-KIT	Universal High Bay Sensor for 3.5mm Jack
+UHBS-RC	Universal High Bay Sensor Remote Control
+UHBMS	User Selectable Universal Microwave High Bay Sensor for 3.5mm Jack
ESMC/WWS/DR	EasySense Dual Rocker Wireless Wall Switch
+EVT1-G2-WC-KIT	EVT 1' Wire Cage Kit
+EVT2-G2-WC-KIT	EVT 2' Wire Cage Kit
+EVT3-G2-WC-KIT	EVT 3' Wire Cage Kit
	+EVT1-G2-DND-KIT ² EVT 1' Diffuse Narrow Distribution Kit
	+EVT2-G2-DND-KIT ² EVT 2' Diffuse Narrow Distribution Kit
	+EVT3-G2-DND-KIT ² EVT 3' Diffuse Narrow Distribution Kit
	+EVT1-G2-PCL-KIT ¹¹ EVT 1' Polycarbonate Clear Lens Kit
	+EVT2-G2-PCL-KIT ¹¹ EVT 2' Polycarbonate Clear Lens Kit
	+EVT3-G2-PCL-KIT ¹¹ EVT 3' Polycarbonate Clear Lens Kit

FOOTNOTES

¹ Only Available in EVT1 (3500K, 4000K, 5000K) & EVT2 (4000K & 5000K)

² Not Available with CCTS Option, Dedicated 4000K or 5000K CCT Only

³ Mounted Externally to Luminaire; Cannot be used with HV Drivers or CPMB & SMB Accessories;

⁴ Requires bluetooth enabled device for programming (provided by others)

⁵ Requires Site Layout, consult factory

⁶ Controller only, not available with sensor

⁷ Consult Factory for more details

⁸ Consult Factory quote for RELOC OCU, OCS, OD System Drops; System Drops Sold & Shipped Separately; Retrofit applications only

⁹ Disconnect the TSPL before unplugging the RRL so it does not go into discharge mode. Requires fixture to have battery option.

¹⁰ Not Available with Emergency Options

¹¹ Not Available with Diffuse Narrow Distribution Option (DND)

¹² Not available with EVT2-24L/30L/36L, EVT2-36L, EVT3-36L/42L/48L, EVT3-36L, EVT3-42L & EVT3-48L

¹³ Not available with EM25

¹⁴ Reduces max ambient; consult factory for more details

¹⁵ Operation down to 32F



EVEREST2.0

LINEAR HIGH BAY

POWER & CCT SELECTABLE

SYSTEMS INFO ^{1,2}	LENS	3500K CCT		4000K CCT		5000K CCT		Watts ²
		Lumens	LPW	Lumens	LPW	Lumens	LPW	
EVT1-12L/18L/24L-U-CCTS	FRL	13749/18582/23284	162/155/150	13881/19078/24000	164/160/158	13773/19248/24726	162/161/160	85/120/155
	PCL	14280/19320/24180	168/161/156	14535/19920/25420	171/166/164	14280/20040/25730	168/167/166	
EVT1-12L-U-CCTS	FRL	13749	162	13881	164	13773	162	85
	PCL	14280	168	14535	171	14280	168	
EVT1-18L-U-CCTS	FRL	18582	155	19078	160	19248	161	120
	PCL	19320	161	19920	166	20040	167	
EVT1-24L-U-CCTS	FRL	23284	150	24000	158	24726	160	155
	PCL	24180	156	25420	164	25730	166	
EVT2-24L/30L/36L-U-CCTS	FRL	N/A	N/A	24058/30477/36008	163/156/151	24722/30945/37090	165/156/155	150/200/240
	PCL	N/A	N/A	25500/32400/37680	170/162/157	25800/32400/38640	172/162/161	
EVT2-24L-U-CCTS	FRL	N/A	N/A	24058	163	24722	165	150
	PCL	N/A	N/A	25500	170	25800	172	
EVT2-30L-U-CCTS	FRL	N/A	N/A	30477	156	30945	156	200
	PCL	N/A	N/A	32400	162	32400	162	
EVT2-36L-U-CCTS	FRL	N/A	N/A	36008	151	37090	155	240
	PCL	N/A	N/A	37680	157	38640	161	

POWER SELECTABLE

SYSTEMS INFO ^{1,2}	LENS	4000K CCT		5000K CCT		Watts ²
		Lumens	LPW	Lumens	LPW	
EVT1-12L/18L/24L-U-XX	FRL	13981/18992/24107	165/158/156	13934/18929/24720	164/160/160	85/120/155
	PCL	14586/19718/25147	172/164/162	14498/19968/25792	171/166/166	
	DND	14088/19096/24084	166/159/156	14153/19077/24780	167/161/160	
EVT1-12L-U-XX	FRL	13981	165	13934	164	85
	PCL	14586	172	14498	171	
	DND	14088	166	14153	167	
EVT1-18L-U-XX	FRL	18992	158	18929	160	120
	PCL	19718	164	19968	166	
	DND	19096	159	19077	161	
EVT1-24L-U-XX	FRL	24107	156	24720	160	155
	PCL	25147	162	25792	166	
	DND	24084	156	24780	160	
EVT2-24L/30L/36L-U-XX	FRL	24626/31600/37023	163/158/154	24721/30907/37082	164/156/155	155/200/240
	PCL	26276/32864/38438	170/164/160	26437/32448/38688	171/162/161	
	DND	24729/31751/36778	164/159/154	25268/31335/37689	168/158/157	
EVT2-24L-U-XX	FRL	24626	163	24721	164	155
	PCL	26276	170	26437	171	
	DND	24729	164	25268	168	
EVT2-30L-U-XX	FRL	31600	158	30907	156	200
	PCL	32864	164	32448	162	
	DND	31751	159	31335	158	
EVT2-36L-U-XX	FRL	37023	154	37082	155	240
	PCL	38438	160	38688	161	
	DND	36778	154	37689	157	
EVT3-36L/42L/48L-U-XX	FRL	37159/42389/48112	156/152/151	37293/43479/49488	156/156/156	240/280/320
	PCL	38938/44262/50253	162/158/157	38938/45427/51917	162/162/162	
	DND	37926/43269/48183	159/155/152	37426/43527/49563	157/157/156	
EVT3-36L-U-XX	FRL	37159	156	37293	156	240
	PCL	38938	162	38938	162	
	DND	37926	159	37426	157	
EVT3-42L-U-XX	FRL	42389	152	43479	156	280
	PCL	44262	158	45427	162	
	DND	43269	155	43527	157	
EVT3-48L-U-XX	FRL	48112	151	49488	156	320
	PCL	50253	157	51917	162	
	DND	48183	152	49563	156	
EVT3-50L/56L/60L-U-XX	FRL	49877/55741/58426	156/155/154	50622/57189/60237	160/159/159	320/360/380
	PCL	51917/58032/60861	162/161/160	53248/59530/62837	166/165/165	
	DND	50540/55934/58438	159/156/154	50989/57419/60531	160/160/159	
EVT3-50L-U-XX	FRL	49877	156	50622	160	320
	PCL	51917	162	53248	166	
	DND	50540	159	50989	160	
EVT3-56L-U-XX	FRL	55741	155	57189	159	360
	PCL	58032	161	59530	165	
	DND	55934	156	57419	160	
EVT3-60L-U-XX	FRL	58426	154	60237	159	380
	PCL	60861	160	62837	165	
	DND	58438	154	60531	159	

¹LED Chips are frequently updated therefore values are nominal

²Electrical data at 25°C (77°F) 277V. Actual wattage may differ by +/-10%.



EVEREST2.0

LINEAR HIGH BAY

CONTROLS OPTIONS

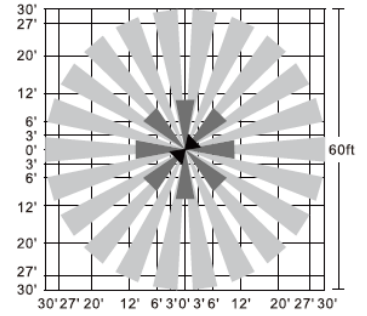
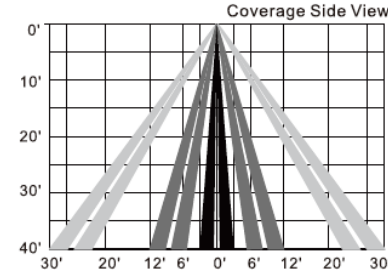
BASIC

+UHBS-3.5MM-KIT & +UHBMS - Universal High Bay Sensor for 3.5mm Jack

Plug n play Universal Highbay Sensor provides multi-level control based on motion and/or daylight contribution. Remote control allows for modifications of Detection zone, Time settings, Sensitivity, Daylight, and Dimming levels.



UHBS



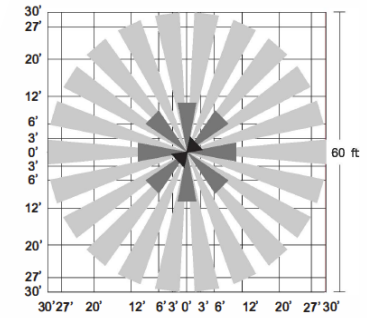
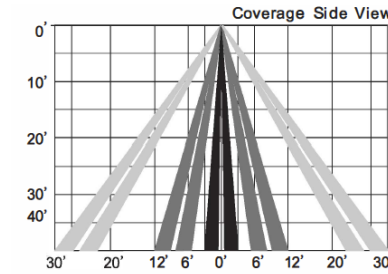
+UHBS-RC - Universal High Bay Sensor Remote Control



Sensor	Mounting Height	Ambient Temp Range
UHBMS	40'	-40°C to +50°C (-40°F to 122°F)
UHBS	40'	-20°C to +50°C (-4°F to 122°F)

Warm up time is 40 seconds. After the sensor connects input power first time, the light will keep on 40 seconds, then go to dimming to work normally. Factory Default Setting: 100% sensitivity, Hold on time: 5 minutes, Daylight sensor is , Dimming level: 30%, Dimming time: 60 minutes.

UHBMS



Factory Default Setting: 100% sensitivity. Hold on time: 5min, Daylight sensor is ON, Dimming level: 30% Dimming time: 60 minutes.

Legrand FSP311

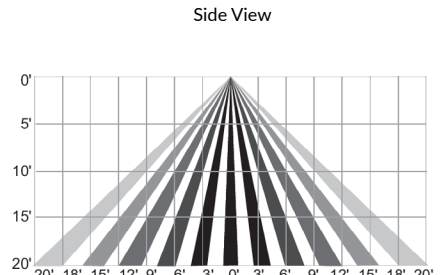
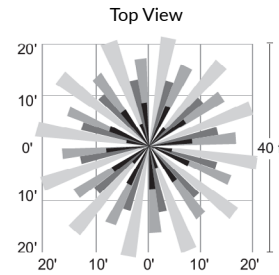
FSP-311 offers fully adjustable high and low dimmed light levels with optional photocell. Hold off setpoint with automatic calibration option. Adjustable time delay and cut off delay. Sensor adjustable programming via iOS® or Android® 'Sensor Configuration' App. Sensor mounted on center driver channel.

Factory Defaults

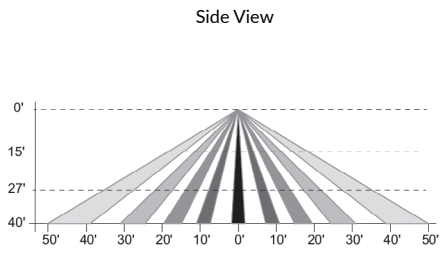
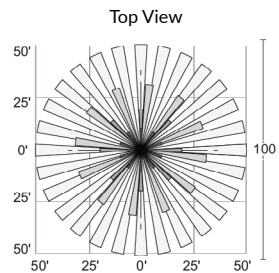
- High Mode.....10 V
- Low Mode1 V
- Time Delay..... 5 min
- Cut Off.....1 hr
- SensitivityHigh
- Hold Off Disabled
- Ramp Up..... Disabled
- Fade Down..... Disabled
- Photocell Setpoint for On/Off..... Disabled
- Continuous Dimming..... Disabled



FSP311/L3



FSP311/L7





EVEREST2.0 LINEAR HIGH BAY

CONTROLS OPTIONS

ADVANCED

NUROAir by ILLUMUS

NURO6-WHT-V1

NUROAir Plug n Play Bluetooth Sensor is the optimal groupable controls lighting solution. With main features such as Plug and Play, PIR Motion Sensing, Occupancy/Vacancy and Daylight Harvesting (WHT) - this flexibility makes the NUROAir Plug n Play Sensor ideal for tailoring lighting to specific space needs, optimizing both ambiance and efficiency. The NUROAir App, available for download on iOS and Google Play Store, offers a user-friendly interface for automatic or manual customization of your space. Through the app, users can configure sensor settings such as the Light Output, CCT, Hold Time, Standby Time/Level, High/Low End Trim, Background Light Level, Set Schedules, and Control Lighting Groups or Zones, all from a mobile or tablet device. Manual control is also available with a range of compatible wireless & wired wall switch options.



Click Here or Scan Code
to Learn More About

NUROAir Bluetooth Controls

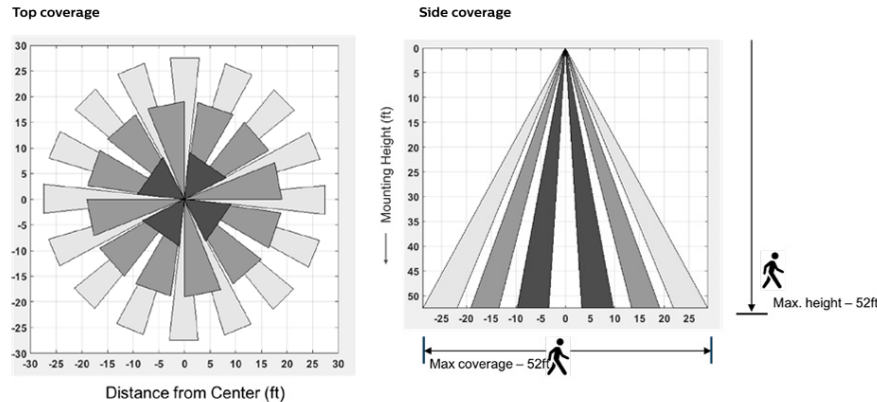
Philips ESMC/HB

EasySense sensor combines occupancy sensing, daylight harvesting and institutional tuning in one compact solution. This is an ideal control for any high bay application. Each device allows you to turn on/off occupancy and/or daylight harvesting functions as well as set the full light output, background light level, occupancy prolong time, occupancy grace fading time & occupancy time out/hold time. Easily Controlled via Mobile Phone with Philips MasterConnect Bluetooth App. (Sold separately). Sensor mounted off end cap of fixture.



Occupancy Sensing

Based on 52ft mounting height



Default Factory Settings

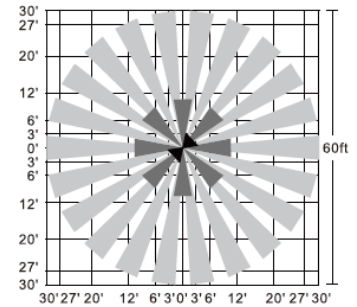
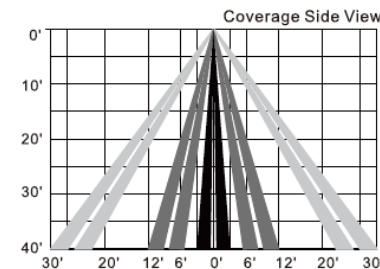
Occupancy based control	Enabled
Daylight based control	Enabled
Occupancy Mode	Auto-on/off
Group/Zone Occupancy Sharing	Enabled
Zone Occupancy Sharing	Disabled
Group/Zone Lighting Behavior	Background level
Field Task Tuning	100%
Eco-On Level	100%
Background Light Level	20%
Hold Time	10 minutes
Prolong Time	10 minutes
Grace Fading	10 seconds
Fade to Switch-On	1 second (fixed value)
Fade to Switch-Off	1 second (fixed value)

Synapse (SYN or SYNS)

Utilizing a robust 2.4 GHz Self-Healing Mesh Network, Synapse provides flexibility and scalability making it a perfect solution for both new construction and retrofit projects. The easy-to-use web application is accessible on any device with an internet connection and allows for complete customization of the system and its features. Integral radio (SYN) with optional Wattstopper sensor (SYNS). Sensor provided with 40' mounting lens. Sensor mounted on hinged driver cover. Requires gateway and remote commissioning. Consult factory for more details.



Sensor Coverage



Lutron AWRN

Athena wireless node is a radio frequency (RF) device that enables simple, digital control of individual light fixtures in an Athena control system. Enables individual wireless control of each fixture in an Athena control system. Accommodates zone and control changes without rewiring. All drivers on the link are controlled as a single zone. Provided with factory installed components only. Lutron Athena system provided by others.





ADDITIONAL OPTION INFORMATION



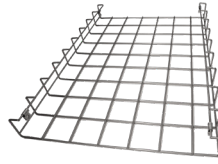
Cx/yW

Cords - (x = 6, 10, 15, 20 (ft))
(y = conductors; 3, 4, 5, 6)
Plug options available



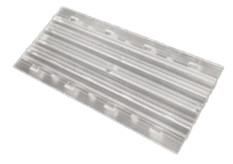
QDx/yW

Quick Disconnect - (x = 6, 10, 15, 20 (ft))
(y = conductors; 3, 4, 5, 6)



+EVT1-G2-WC-KIT
+EVT2-G2-WC-KIT
+EVT3-G2-WC-KIT

Wire Cage Kit



+EVT1-G2-DND-KIT
+EVT2-G2-DND-KIT
+EVT3-G2-DND-KIT

Diffuse Narrow Distribution Kit



+EVT-G2-CPMB/HUB34-KIT

Conduit Hub 3/4"
for Pendant Mounting



+EVT-G2-CPMB/HK-KIT

Cast Iron Hook for Single
Point Mounting



ACxY

(x= 5 or 10) Includes 2 adjustable
cable hangers. Consult factory for
alternates.

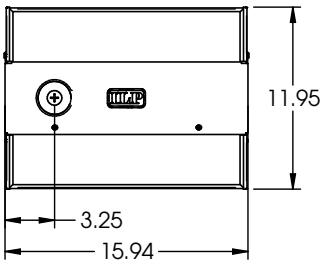
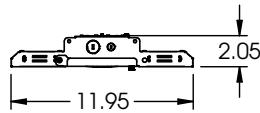
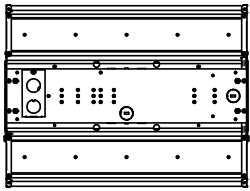


+EVT-G2-SMB-KIT

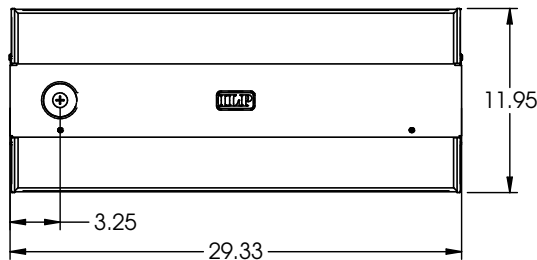
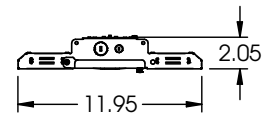
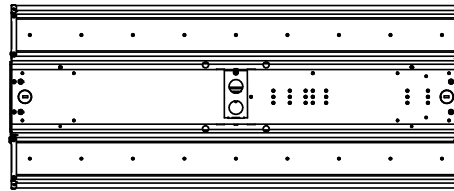
Surface Mount Bracket Kit provides
a 2" space above the fixture

LINE DRAWINGS

EVT 1FT Linear High Bay



EVT 2FT Linear High Bay



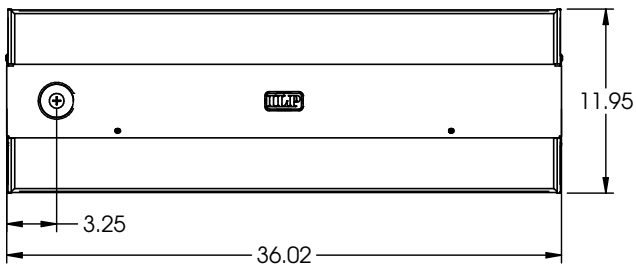
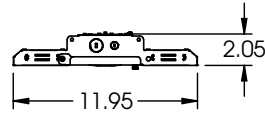
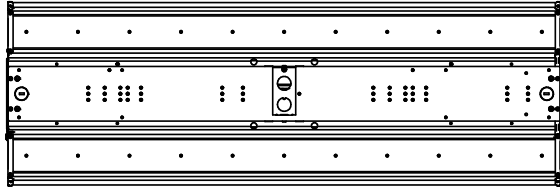


EVEREST 2.0

LINEAR HIGH BAY

LINE DRAWINGS

EVT 3FT Linear High Bay

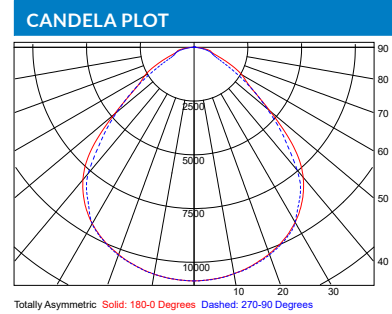




PHOTOMETRIC DATA

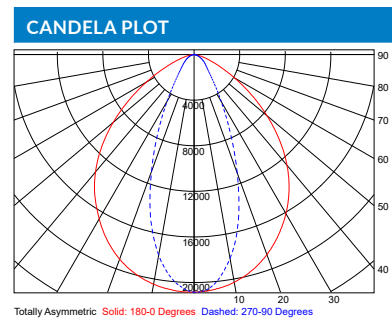
LUMINAIRE DATA	
Part Number	EVT1-24L-U-50-FRL
Description	1ft Everest 2.0 High-Bay Fixture, 24000lm, 5000K, Frosted Acrylic Lens
Fixture Lumens (lm)	24,719 lm
Wattage (W)	154.9 W
Efficacy (lm/W)	160 lm/W
Mounting	Suspended
Spacing Criteria	0° = 1.28, 90° = 1.28

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	14025	57%
0° - 60°	21881	89%
0° - 90°	24672	99%
90° - 180°	48	1%
0° - 180°	24719	100%



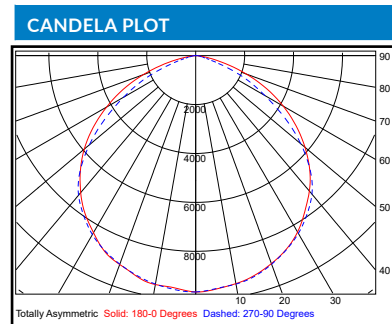
LUMINAIRE DATA	
Part Number	EVT1-24L-U-50-DND
Description	1ft Everest 2.0 High-Bay Fixture, 24000lm, 5000K, Diffuse Narrow Distribution
Fixture Lumens (lm)	24,780 lm
Wattage (W)	155.0 W
Efficacy (lm/W)	160.0 lm/W
Mounting	Suspended
Spacing Criteria	0° = 1.16, 90° = 0.68

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	17025	69%
0° - 60°	22862	92%
0° - 90°	24754	99%
90° - 180°	26	1%
0° - 180°	24780	100%



LUMINAIRE DATA	
Part Number	EVT1-24L-U-50-PCL
Description	1ft Everest 2.0 High-Bay Fixture, 24000lm, 5000K, Clear Polycarbonate Lens
Fixture Lumens (lm)	25792
Wattage (W)	155.0
Efficacy (lm/W)	166.0
Mounting	Suspended
Spacing Criteria	0° = 1.28, 90° = 1.30

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	12528	49%
0° - 60°	22011	85%
0° - 90°	25790	100%
90° - 180°	0	0%
0° - 180°	25792	100%



LUMINAIRE DATA	
Part Number	EVT1-24L-U-CCTS-FRL
Description	1ft Everest 2.0 High-Bay Fixture, 24000lm, CCT Selectable, Frosted Acrylic Lens
Fixture Lumens (lm)	24,726 lm
Wattage (W)	154.8 W
Efficacy (lm/W)	160.0 lm/W
Mounting	Suspended
Spacing Criteria	0° = 1.30, 90° = 1.28

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	14070	57%
0° - 60°	21871	89%
0° - 90°	24677	99%
90° - 180°	49	1%
0° - 180°	24726	100%

