

## EDGE EX3I

3" Suspended Indirect Linear

### Key Features

- 6063-T6 Extruded aluminum housing
- Room side maintenance for LED system
- 5-year limited warranty covers LED, driver and fixture
- ETL listed conforming to UL 1598 in US and CSA 250 in Canada
- Approved for dry/damp location unless otherwise noted
- Run lengths Available to an 1/8"
- Product transparency with third-party verified Living Building Challenge (LBC) Declared



QUICKSHIP

Declare.



Example Part #: EX3I-N-HE-830HO-26'-AC48G1-U-FSD-1-0-W

**EX3I** - **N** -  -  -  -  -  -  -  -  -  -  -

DIRECT SHIELDING    INDIRECT SHIELDING    SOURCE    LENGTH    MOUNTING    VOLTAGE    DRIVER    CIRCUITING    BATTERY & EMERGENCY    FINISH    FIXTURE OPTIONS

N	— —	— — — —	— — — —
DIRECT SHIELDING	INDIRECT SHIELDING	SOURCE QS <sup>1,2</sup>	LENGTH <sup>3</sup>
<b>N</b> - None Shielding pg. 2	<b>HE</b> - High Efficiency QS <b>BW</b> - Batwing QS <b>WHE</b> - Asymmetric QS <b>HEA</b> - Ascent <b>MOD</b> - Mod options available Shielding pg. 2	<b>27</b> - 2700K <b>30</b> - 3000K <b>35</b> - 3500K <b>40</b> - 4000K <b>TW</b> - 2CH Tunable White (2700-6500K, 90CRI) <b>CL</b> - Custom Lumens <b>CW</b> - Custom Watts <b>MOD</b> - Mod options available Lumen Output pg. 2-3	<b>—</b> - Individual Fixture QS <b>—</b> - Continuous Row QS <b>MOD</b> - Mod options available Length pg. 3

— — — —	—	— — — —	—
MOUNTING <sup>4</sup>	VOLTAGE <sup>5</sup>	DRIVER	CIRCUITING <sup>6</sup>
<b>AC</b> - <b>G</b> - AC to Grid QS <b>AC</b> - <b>JB</b> - AC to J Box QS <b>AC</b> - <b>ST</b> - AC to Structure QS <b>AC5</b> - <b>G</b> - 5" Non-Power Canopy <b>AC5</b> - <b>JB</b> - 5" Non-Power Canopy <b>SQ</b> - <b>G</b> - 5" Square Canopy <b>SQ</b> - <b>JB</b> - 5" Square Canopy <b>WA</b> - Wall Mount QS <b>MOD</b> - Mod options available Mounting pg. 4	<b>U</b> - Universal (120 thru 277V) QS <b>1</b> - 120V QS <b>2</b> - 277V QS <b>3</b> - 347V Voltage pg. 4	<b>FSD</b> - Factory Select Driver (1%, 0-10v) QS <b>PL2</b> - Advance Xitanium (1%, 0-10v) <b>OL2</b> - eldoLED Optotronic (1%, 0-10v) <b>OL4</b> - eldoLED Optotronic 347V (1%, 0-10v) <b>EE1</b> - eldoLED ECODrive (1%, 0-10v) <b>ES1</b> - eldoLED SOLOdrive (0.1%, 0-10v) <b>LH1</b> - Lutron Hi-lume (1%, EcoSystem) <b>PR1</b> - Advance Xitanium SR <b>MOD</b> - Mod options available Driver pg. 5	<b>1</b> - Single Circuit QS <b>M</b> - Multi Circuit <b>E</b> - Emergency (entire fixture) QS <b>N</b> - Night Light (entire fixture) QS Circuiting pg. 5

— — — —	— —	— — — —	— — — —
BATTERY & EMERGENCY <sup>7</sup>	FINISH	Fixture Options <sup>8,9</sup>	CONTROLS <sup>10</sup>
<b>0</b> - None QS <b>FSB</b> - Factory Select Battery QS <b>FSG</b> - Factory Select ALCR <b>GI</b> - Iota ETS DR <b>GB</b> - Bodine GTD <b>ILL</b> - Iota 10W Integral <b>PLL</b> - Bodine 10W Integral Battery and Emergency pg. 6-6	<b>W</b> - White QS <b>S</b> - Metallic Silver QS <b>BL</b> - Textured Black QS <b>BR</b> - Bronze <b>GR</b> - Graphite <b>CC</b> - Custom Color Finish pg. 6	<b>QS</b> - Quick Ship QS <b>DSP</b> - Customer Supplied Battery/Driver/Sensor <b>BA</b> - Buy America(n) Act and/or Build America Buy America Compliant <b>MOD</b> - Mod options available Fixture Options pg. 6	<b>DLMFS</b> - Wattstopper LLLC <b>EASYS</b> - Philips EasySense <b>SNSLM</b> - Wattstopper PLUS SensiLUM <b>WVLX</b> - Eaton WaveLinx <b>VDO</b> - Lutron Vive Sensor <b>VRF</b> - Lutron Vive Connected <b>MOD</b> - Mod options available Controls pg. 7

<sup>1</sup>When specifying SOURCE the first \_ is for specifying either **8** - 80CRI, **9** - 90CRI. The ending \_ are for specifying output, example 835HO - 80CRI, 3500K High Output. See output charts for more information. <sup>2</sup>When specifying Tunable White, use **TW** and then specify output, example **TWHO** - Tunable White 90CRI, High Output 2700-6500K. See output charts for more information. Tunable White option requires driver option **FSD** which provides separate 10/0 control leads for Intensity and CCT. <sup>3</sup>Individual fixtures come in **2'**, **3'**, **4'**, **5'**, **6'**, **7'** & **8'** lengths. Continuous row come in 1/8" increments. For Patterns specify pattern shape and overall dimensions. Example: L6x4' L pattern that is 6'x4'. <sup>4</sup>Specify AC Cable: Standard single AC = **AC** or Movable AC = **MAC**; Specify AC length standard AC is 48"; Specify grid: **G1**=15/16", **G9**=9/16", **GS**=Screw Slot. Example: AC48G1 Tunable White (**TW**) option only available with Universal (**U**), 120V (**1**) or 277V (**2**) options. <sup>5</sup>Consult factory for Emergency (**E**) or Night Light (**N**) options with Tunable White (**TW**) option. <sup>6</sup>Enter quantity for Battery and Emergency, Example 2PLL. <sup>7</sup>When ordering QuickShip, **QS** must be used in fixture options section of part number to qualify. 1/8" increments not available for QS. <sup>8</sup>Compliance is configuration dependent; consult factory for confirmation. <sup>9</sup>Controls can only be used with Single Circuit (**1**) or Emergency Circuit (**E**). See Controls chart on page 5 for driver options and more information.

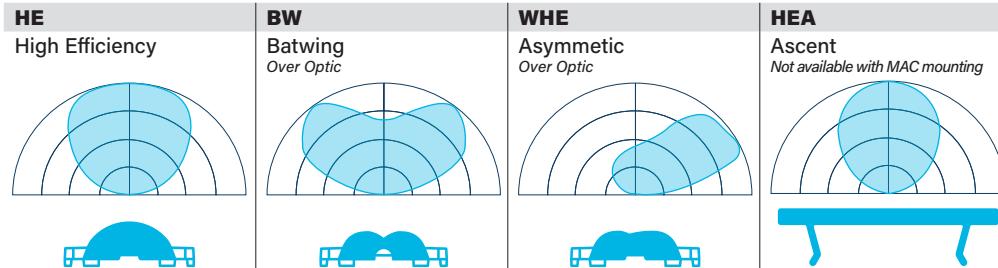
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## Direct Shielding

<b>N</b>	None
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## Indirect Shielding



## Shielding MOD Options

- Specify **MOD** in the part number for any of the below options
- MOD specifications are subject to longer lead-times. Consult factory for more information

<b>MOD</b>	Clear lens overlay
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## Indirect Source

- Specify either 80 or 90 CRI for White light LED
- Longer lead-time may apply for 90 CRI or Tunable White option. Consult factory
- Tunable White option requires driver option FSD which provides separate 0-10v control leads for Intensity and CCT.
- Tunable White lumen packages shown at 4000K CCT setpoint
- 90 CRI = R9≥50

## Custom Output - Lumens OR Wattage

<b>CL</b> _____	Specify CRI, CCT and desired lumens (i.e. CL835500)	Specify lumens between standard offering listed below. Lumens are specified per color temp
<b>CW</b> _____	Specify CRI, CCT and desired wattage (i.e. CW9407)	Specify watts between standard offering listed below
<b>CLTW</b> _____	Specify desired lumens for Tunable White (i.e. CLTW3200)	Specify lumens between Tunable White offering listed below. Lumens are specified at 4000K CCT setpoint.

## 80 CRI

	Color	Lumens per foot	Shielding <sup>1</sup>		<b>BW</b> Batwing LPW	<b>WHE</b> Asymmetric LPW	<b>HEA</b> Ascent LPW	
			<b>HE</b> High Efficiency LPW	<b>Watts/ft</b>				
<b>830</b>	3000K	500	140	3.6	131	3.8	119	4.2
<b>830HO</b>		750	146	5.1	135	5.5	119	6.3
<b>830VHO</b>		1000	147	6.8	137	7.3	122	8.2
<b>835</b>	3500K	500	145	3.4	135	3.7	123	4.1
<b>835HO</b>		750	151	5.0	141	5.3	122	6.1
<b>835VHO</b>		1000	148	6.8	141	7.1	126	8.0
<b>840</b>	4000K	500	145	3.4	135	3.7	123	4.1
<b>840HO</b>		750	151	5.0	141	5.3	122	6.1
<b>840VHO</b>		1000	148	6.8	141	7.1	126	8.0

## 90 CRI

<b>927</b>	2700K	500	118	4.2	110	4.5	99	5.1	102	4.9
<b>927HO</b>		750	118	6.4	110	6.8	98	7.6	104	7.2
<b>927VHO</b>		1000	121	8.3	113	8.9	100	10.0	105	9.5
<b>930</b>	3000K	500	124	4.0	120	4.2	105	4.7	111	4.5
<b>930HO</b>		750	129	5.8	120	6.3	107	7.0	111	6.8
<b>930VHO</b>		1000	132	7.6	123	8.2	108	9.3	114	8.8
<b>935</b>	3500K	500	124	4.0	120	4.2	105	4.8	111	4.5
<b>935HO</b>		750	128	5.8	119	6.3	107	7.0	110	6.8
<b>935VHO</b>		1000	132	7.6	122	8.2	107	9.3	113	8.8
<b>940</b>	4000K	500	124	4.0	120	4.2	105	4.8	111	4.5
<b>940HO</b>		750	128	5.8	119	6.3	107	7.0	110	6.8
<b>940VHO</b>		1000	132	7.6	122	8.2	107	9.3	113	8.8

## 2 CH Tunable White (2700-6500K, 90CRI)

<b>TW</b>	2700 - 6500K	500	118.4	4.2	109.6	4.6	95.1	5.3	104.1	4.8
<b>TWHO</b>		750	114.3	6.6	105.4	7.1	92.2	8.1	101.0	7.4
<b>TVWHO</b>		1000	110.3	9.1	101.3	9.9	87.0	11.5	95.8	10.4

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## Indirect Source: MOD Options

- Specify **MOD** in the part number for any of the below options
- All RGB\_Source Options will require specific driver and control
- Consult factory for **MOD** specification details, pricing, and lead-time information

MOD	Color Changing RGB LED	Required Driver	Required Control
		EC1	DMX
	Color Changing RGB-W LED	EC1	DMX

## Length

- Individual units cannot be joined, end plates are factory installed and cannot be removed
- For Continuous Runs, add 3/16" (4.7mm) for each end plate or 3/8" (9.5mm) to the overall length of the row
- For patterns, refer to Pattern section on next page

2	3	4	5	6	7	8	-
Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Cont. Run <i>Specify nominal overall row length to the 1/8". Longer lead-time may apply for lengths to the 1/8". Consult factory.</i>
24-3/8" (619.1mm)							
36-3/8" (934.8mm)							
48-3/8" (1228.7mm)							
60-3/8" (1533.5mm)							
72-3/8" (1838.3mm)							
84-3/8" (2143.1mm)							
96-3/8" (2447.9mm)							
							Specify to the 1/8" >>>

## Length or Pattern: MOD Options

- Specify **MOD** in the part number for any of the below options
- Consult factory for **MOD** specification details, pricing, and lead-time information

MOD	Specify MOD for patterns, lengths or angles not shown above
	45- 180 degree angles
	Single-piece welded housings up to 4' x 4'

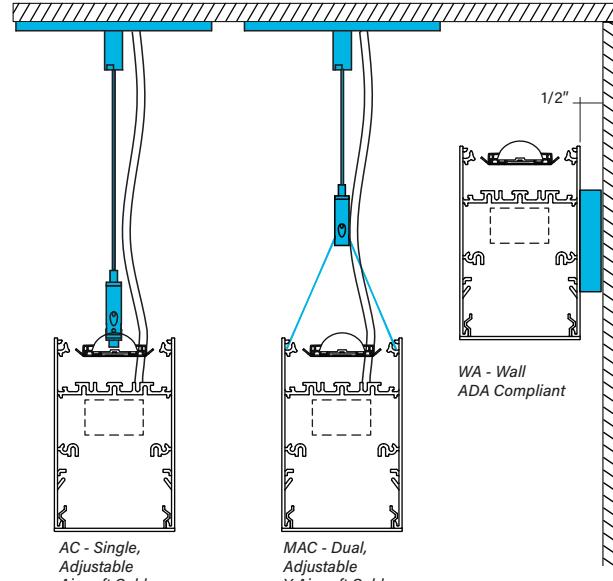


## Mounting

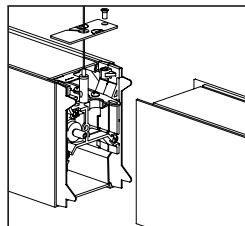
- Specify cable length in ordering code (AC48G1)
- Standard adjustable cable, specify 48", 120", 240", or 350"
- End plates and standard white power cord attached at factory
- Aircraft cable (AC) mounts on 4' (1219.2mm) and 8' (2438.4mm) centers
- Maximum recommended movable mounting locations are 12" from end of 4' fixture and 18" from end of 8' fixture
- Aircraft Cable supplied with 5" (127mm) power and 2" (50.8mm) non-power canopies

- Canopies and pendants match fixture finish, power cords are white or black depending on fixture finish. See Finish section for additional details.
- Approved for dry/damp location unless otherwise noted
- Refer to installation instructions during installation at the job site
- Maximum fixture weight is 20 lbs for a standard 4' fixture
- MAC options not available with HEA lens option
- For a wall mounted fixture with an indirect asymmetric lens, light will be directed away from the wall as a standard

<b>AC_G1</b>	Aircraft Cable 1" (15/16") T-Bar
<b>AC_G9</b>	Aircraft Cable 9/16" T-Bar
<b>AC_GS</b>	Aircraft Cable Screw Slot T-Bar
<b>AC_JB</b>	Aircraft Cable Junction Box
<b>AC_ST</b>	Aircraft Cable Structure
<b>AC5_G</b>	Aircraft Cable 5" (127mm) Non-Power Canopy
<b>AC5_JB</b>	Aircraft Cable 5" (127mm) Non-Power Canopy
<b>SQ_G</b>	Aircraft Cable 5" (127mm) Square Canopy
<b>SQ_JB</b>	Aircraft Cable 5" (127mm) Square Canopy
<b>MAC_G1</b>	Movable AC 1" (15/16") T-Bar
<b>MAC_G9</b>	Movable AC 9/16" T-Bar
<b>MAC_GS</b>	Movable AC Screw Slot T-Bar
<b>MAC_JB</b>	Movable AC Junction Box
<b>MAC_ST</b>	Movable AC Structure
<b>MAC5_G</b>	Movable AC 5" (127mm) Non-Power Canopy
<b>MAC5_JB</b>	Movable AC 5" (127mm) Non-Power Canopy
<b>MSQ_G</b>	Movable AC 5" (127mm) Square Canopy
<b>MSQ_JB</b>	Movable AC 5" (127mm) Square Canopy
<b>WA</b>	Wall Mount



## Straight EDGE Joint System



- The Straight EDGE Joint comes standard for all runs.
- Two connection points – one to cinch fixtures together, the other to perfectly align all fixtures in a run.
- Factory-installed light shields on both sides of the fixture ensure no light leaks.
- Patented.

## Mounting: MOD Options

- Specify **MOD** in the part number for any of the below options
- Consult factory for **MOD** specification details, pricing, and lead-time information

<b>MOD</b>	Recessed to Suspended
	Pendant Pipe

## Voltage

- Some EX3I configurations will not accommodate all voltage options; consult with factory
- 347 volt not available with Tunable White (TW) option

<b>U</b>	Universal
<b>1</b>	120 volt
<b>2</b>	277 volt
<b>3</b>	347 volt



## Driver

- Standard Driver Option = FSD
- Driver Lifetime: 50,000 hours at 25°C ambient operating conditions
- For more driver options, see Pinnacle Resource Guide
- Some EX3I configurations will not accommodate all driver options; consult with factory

### 0-10V Drivers

<b>FSD</b>	Factory Select Driver 1%, 0-10v
<b>PL2</b>	Signify Advance Xitanium 1%, 0-10v
<b>PL4</b>	Advance Xitanium 347v 1%, 0-10v, requires 347v
<b>OL2</b>	eldoLED Optotronic, 1%, 0-10v
<b>OL4</b>	eldoLED Optotronic 347v, 1% 0-10v, requires 347v option
<b>EE1</b>	eldoLED ECODrive 1%, 0-10v Logarithmic
<b>EE2</b>	eldoLED ECODrive 1%, 0-10v Linear
<b>ES1</b>	eldoLED SOLOdrive 0-10v, 0.1% Logarithmic
<b>ES2</b>	eldoLED SOLOdrive 0-10v, 0% Linear
<b>OL5</b>	Advance Xitanium 1%, 0-10v, AUX, Dim to Off
<b>PL5</b>	eldoLED Optotronic 1%, 0-10v, AUX , Dim to Off

### DALI Drivers

<b>EE3</b>	eldoLED ECODrive 1%, DALI 2, Logarithmic, DT6
<b>ES3</b>	eldoLED SOLOdrive 0.1%, DALI 2, Logarithmic, DT6
<b>OD1</b>	eldoLED Optotronic 1%, DEXAL
<b>EE4</b>	eldoLED ECODrive 1%, DALI 2, Linear, DT6
<b>ES4</b>	eldoLED SOLOdrive 0.1%, DALI 2, Linear, DT6
<b>PR1</b>	Advance Xitanium SR, DALI 2, Self powered link

### Lutron Drivers

<b>LH1</b>	Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1
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### Alternate Drivers

<b>PS1</b>	Advance Xitanium Step Dimming 50%/100%
<b>EH1</b>	ERP 1%, Line Voltage and ELV, requires 120v

## Driver: MOD Options

- Specify **MOD** in the part number for any of the below options
- Consult factory for **MOD** specification details, pricing, and lead-time information

**MOD** Power Over Ethernet

## How to specify Circuiting, Battery and Emergency

**1**

- Select fixture circuiting from options below
- Some EX3I configurations will not accommodate all circuiting options, consult with factory
- Consult factory for Emergency (E) or Night Light (N) circuit with Tunable White (TW)

## Circuiting

<b>1</b>	Single Circuit
<b>M</b>	Multi Circuit
<b>E</b>	Emergency Circuit only
<b>N</b>	Night Light Circuit only

**2**

**+**

**3**

- Battery and emergency section options are available in addition to fixture circuit
- Select battery and emergency section options below; factory shop drawing required
- Some EX3I configurations will not accommodate all circuiting options, consult with factory

## Battery and/or Emergency If Required

**0** No battery or specific emergency section required



## Battery

- Select battery section type if required, indicate total QTY. Example 2PLL
- 90 minute battery runtime; test button is remote to fixture and requires an additional drop
- No battery option available for 2' lengths
- Entire direct fixture housing is on battery for lengths up to 5'

- Half of direct fixture is on battery for 6' or 8' housing lengths
- For more battery options available, see Pinnacle Resource Guide
- For Tunable White (TW) option, battery will illuminate 6500K LED unless otherwise specified

<b>0</b>	No Battery
<b>_FSB</b>	Factory Select Battery (10w option)
<b>_FSBST</b>	Factory Select Battery (10w, Self Testing)
<b>_PLL</b>	Bodine 10w Integral Lithium, Self Testing
<b>_ILL</b>	Iota 10w Integral Lithium, Self Testing

## Emergency

- Select emergency section type if required, indicate total QTY. Example 1E
- Combine battery and emergency section ordering codes if both options are selected
- Consult factory for Emergency Control Devices with Tunable White (TW) option

<b>_FSG</b>	Factory Select ALCR Emergency Control Device, UNV
<b>_GI</b>	Iota ETS-DR, Emergency Control Device, UNV
<b>_GB</b>	Bodine GTD, Emergency Control Device, 120v or 277v
<b>_E</b>	Emergency circuit section
<b>_N</b>	Night Light circuit section
<b>_L</b>	Life Safety circuit section NO THROUGH WIRE

## Finish

- Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish; consult factory for chip of standard paint finishes
- Selecting a fixture finish other than white may impact lumen output; consult factory for more information

<b>W</b>	White (white cord/white canopy)
<b>S</b>	Metallic Silver (white cord/silver canopy)
<b>BL</b>	Textured Black (black cord/black canopy)
<b>BR</b>	Bronze (white cord/bronze canopy)
<b>GR</b>	Graphite (white cord/graphite canopy)
<b>CC</b>	Custom Color (white cord/color match canopy)

## Fixture Options

- Additional options to enhance the fixture and finish of the product

<b>QS</b>	10 day Quick Ship
<b>DSP</b>	Customer Supplied Battery/Driver/Sensor

- Domestic content option - compliance is configuration dependent; consult factory for conformation

<b>BA</b>	Buy America(n) Act and/or Build America Buy America Compliant
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## Fixture Options: MOD Options

- Specify **MOD** in the part number for any of the below options
- Consult factory for **MOD** specification details, pricing, and lead-time information

<b>MOD</b>	Remote Driver
	End Power Feed

## Quick Ship

Shielding	CRI, CCT & Output	Mounting	Voltage	Driver	Circuiting	Battery	Finish
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## 10-Day

<b>HE</b>	80 CRI, all color temperatures, all lumen packages See pg 2	<b>(M)AC48G</b>	(M)AC to Grid	<b>U</b>	Universal (120-277)	<b>FSD</b>	Factory Select Driver (1%, 0-10v)	<b>1</b>	Single Circuit	<b>0</b>	None	<b>W</b>	White
<b>BW</b>		<b>(M)AC48JB</b>	(M)AC to J-BOX	<b>1</b>	120V			<b>E</b>	Emergency	<b>FSB</b>	Factory Select Battery	<b>S</b>	Silver
<b>WHE</b>		<b>(M)AC48ST</b>	(M)AC to Structure	<b>2</b>	277V			<b>N</b>	Night Light			<b>BL</b>	Black
		<b>W</b>	Wall Mount										

All lengths and continuous rows up to 1,000 ft OR 150 individual fixtures. Consult factory for larger projects.

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## Controls

- Pinnacle Lighting offers easy to specify network control solutions that connect to an intelligent centralized system to maximize lighting energy efficiencies or integral sensors for individual fixture control
- Pinnacle Lighting fixtures ship technology ready; commissioning by others
- Controls can only be used with Single Circuit (1) or Emergency Circuit (E)
- Contact factory for any non-standard configurations for layout, placement, or EM options
- One drop per sensor typical, consult factory for more information
- Must specify required driver in Driver section
- Consult factory for available Controls with Tunable White (TW) option

	Solution	Components	Network/Sensor	Connection	Required Drivers	Limitation
<b>DLMFS</b>	Legrand Wattstopper LLLC	LMFS-601-W / LMFI-111	Wireless DLM Fixture Sensor	Wireless	OD1, PR1 or 0-10V	0-10v requires interface
<b>EASYS</b>	Philips EasySense	SNS-210	Daylight/PIR Occupancy	Wireless to switches	PR1	Not available with 347 volt
<b>SNSLM</b>	Wattstopper PLUS SensiLUM	EN-CLM-PIR-DD-ZB	Encelium, Daylight/PIR Occupancy	Wireless	OD1, OL5	Not available with 347 volt
<b>WLX</b>	Eaton Wavelinx	SWPD1, NSP3IVMVDC1	WaveLinx WCL, Daylight	Wireless	Any 0-10v	Not available with 347 volt
<b>VDO</b>	Lutron Vive Sensor	DFCSJ-OEM-OCC	Vive, Daylight/PIR Occupancy	Wireless	OD1, PR1	Not available with 347 volt
<b>VRF</b>	Lutron Vive Connected	DFCSJ-OEM-RF	Vive	Wireless	OD1, PR1	Not available with 347 volt

## Controls: MOD Options

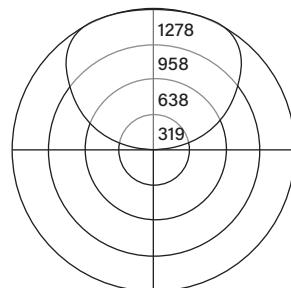
- Specify **MOD** in the part number for any of the below options
- Control** Options may require specific driver. Refer to the chart below
- Consult factory for **MOD** specification details, pricing, and lead-time information

MOD	Lutron Athena Sensor	Ordering Code	Required Driver
	Lutron Athena Connected	AWNR	OD1, PR1, OL5, PL5
	Acuity nLight Air Wireless Connected	CM	OL5, EE4, ES4, EE2, ES2

## Photometrics

### Open

Test # Scaled from ITL94462  
 Catalog # EX3I-HE-840VHO-4  
 Lumens 4000 lm  
 Watts 27 w  
 Efficacy 148 LPW



### Candela Distribution

Vert Angle	Horizontal Angle				
	0	23	45.0	68	90
90	4	57	61	44	39
95	47	121	153	120	105
100	106	184	245	213	194
105	175	252	341	338	324
110	254	335	428	458	460
115	352	428	522	561	575
120	458	533	620	663	675
125	579	642	727	763	778
130	695	757	835	869	880
135	807	861	946	976	986
140	904	955	1048	1084	1093
145	996	1029	1124	1171	1187
150	1072	1095	1171	1220	1236
155	1138	1149	1207	1243	1257
160	1189	1194	1234	1258	1266
165	1229	1230	1254	1268	1272
170	1255	1257	1267	1275	1276
175	1270	1271	1273	1275	1277
180	1275	1275	1275	1275	1275

For all available IES files, please visit our website at [pinnacle-ltg.com](http://pinnacle-ltg.com). Photometry testing in accordance to IESNA-LM-79-08 at an NVLAP or IAS accredited testing laboratory. Testing conducted at 25°C ambient conditions.

Specifications and dimensions subject to change without notice. Specification sheets that appear on [pinnacle-ltg.com](http://pinnacle-ltg.com) are the most recent version and supersede all other previously printed or electronic versions.

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EX3I\_LED\_SPEC\_JANUARY2026



## Applications & Certificates

**Construction:** 6063-T6 Extruded aluminum housing. Highly reflective die-formed white painted reflector.

**Shielding:** Diffuse snap in lens or over optic. High Efficiency (HE) & Ascent (HEA) are snap in options. Batwing (BW) & Asymmetric (WHE) are over optics.

**Mounting:** Aircraft cable and wall mount available. The aircraft cable mounts on 4'-0" (1219.2mm) and 8'-0" (2438.4mm) centers. Aircraft Cable supplied with 5" (127mm) power and 2" (50.8mm) non-power canopies. Refer to installation instructions for appropriate ceiling detail. Canopies are painted white unless otherwise specified.

**White LED:** 25°C test environment. Lumen output/wattage has a margin of +/- 5%; 2' or 3' lengths may have a greater wattage deviation. Luminaires configurations tested in accordance with IES LM-79. Diodes tested in accordance with IES LM-80. Lifetime calculated using IES TM-21. Minimum lifetime greater than 60,000 hours. TM-21-21 Lifetime Rating L<sub>70</sub> = >72,000 hours, L<sub>90</sub> = 69,700 hours. MacAdam 3-Step Ellipses. For all available IES files, please visit our website at [pinnacle-ltg.com](http://pinnacle-ltg.com).

**Tunable White LED:** 2 channel solution with 2700K and 6500K LED, 90CRI only, R9 >50. Lumen packages available shown at 4000K CCT setpoint, lumen output varies based on CCT. Use multipliers for other CCT; 2700K = .91 3000K = .93 3500K = .97 4000K = 1.00 5000K = 1.044 6500K = 1.078.

**CRI, CCT & Lumen Output:** Not all lumen packages available. Three lumen packages available. Standard, High (HO) and Very High (VHO). Custom outputs are available. Specify custom lumens or watts between standard offering listed on CRI, CCT & Output page. 80 CRI is available for 3000K, 3500K, and 4000K. 90 CRI is available for 2700K, 3000K, 3500K and 4000K. 90 CRI = R9 ≥ 50.

**Voltage:** Universal (U), 120 volt (1), 277 volt (2) and 347 volt (3) options available. Must specify PL4 or OL4 in Driver section when 347 volt (3) is selected. Some EDGE configurations will not accommodate all voltage options; consult with factory.

**Driver:** Standard Driver Option is Factory Select Driver 0-10V, 1% = FSD. Electronic driver, Power factor is >0.9 with a THD <20%. Driver Lifetime: 50,000 hours at 25°C ambient operating conditions. Ambient operating range: -20°F/-30°C to 122°F/50°C. For more driver options, see Pinnacle Resource Guide. Some EDGE configurations will not accommodate all driver options.

**Circuiting:** Select from single circuit (1), Multi circuit - For multiple circuiting and zone control, requires factory shop drawing (M), Emergency circuit (E) or Night Light circuit (N). Some EX configurations will not accommodate all circuiting options; consult with factory.

**Battery & Emergency:** Select battery or emergency options if required. If battery or emergency option is not required, enter 0. Battery duration is 90 minutes as standard. Test button is remote to fixture. For more Battery options, see Pinnacle Resource Guide.

**Finish:** Standard powder-coat textured white, metallic silver, graphite, textured black or bronze painted finish; consult factory for chip of standard paint finishes. Canopies painted white unless specified differently in the options section of the part number. Contact factory for additional custom color and finish options.

**Controls:** Standard options available, refer to Controls section table for available options, component part number(s), connection type, required driver and limitations. Mod options available, consult with factory.

**Buy America Act (BAA) and Build America, Buy America Act (BABA) Compliance:** BAA and/or BABA compliance options are available to support federally funded projects requiring domestic content. Availability depends on configuration; Compliance is configuration-dependent; consult factory for confirmation.

**Labels:** ETL listed conforming to UL 1598 in US and CSA 250 in Canada. Standard and HO lumen packages are approved for dry/damp location unless otherwise noted.

**Sustainability:** All models are Living Building Challenge (LBC) Declared with third-party verification. The Declare Label from ILFI provides transparent insights into materials, sourcing, and environmental impact, promoting informed, sustainable choices that benefit both people and the planet. View the label [here](#).

**Fixture Weight:** Maximum fixture weight is 20 lbs for a standard 4' fixture.

**Warranty:** EX LED offered with a 5-year limited warranty. Covers LED, driver and fixture.