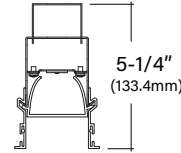


# EDGE EV2D

## 2" Recessed Linear



See Mounting Section

### Key Features

- Extruded aluminum trim with formed cold rolled 18 gauge steel back box housing
- Highly reflective white painted steel reflector
- 5-year limited warranty covers LED, driver and fixture
- ETL Listed conforming to UL1598 in US and CSA 250 in Canada
- Approved for dry/damp location unless otherwise noted
- Maximum fixture weight is 15lbs per 4ft fixture
- Room-Side Maintenance for LED system
- Buy American Act compliant
- Indigo-Clean available, see Indigo-Clean specification sheets for details



QUICKSHIP



LED



Example Part #: EV2D-HE-830HO-26'-G1-U-OL1-0-W

**EV2D** - **SHIELDING** - **SOURCE** - **LENGTH OR PATTERN** - **MOUNTING** - **VOLTAGE** - **DRIVER** - **CIRCUITING** - **BATTERY & EMERGENCY** - **FINISH** - **FIXTURE OPTIONS** - **CONTROLS**

SHIELDING	SOURCE <sup>1</sup>	LENGTH OR PATTERN <sup>2</sup>	MOUNTING <sup>3</sup>
<b>A</b> - Satine Lens <a href="#">QS</a> <b>AL</b> - Drop Lens <b>HE</b> - High Efficiency Lens <a href="#">QS</a> <b>HED</b> - Descent Lens <b>BW</b> - Batwing <a href="#">QS</a> <b>WHE</b> - Asymmetric <a href="#">QS</a> <b>H</b> - Arched Regress Lens <b>R</b> - Regress Lens <i>Shielding pg. 2</i>	<b>27</b> - 2700K <b>30</b> - 3000K <b>35</b> - 3500K ( <i>available as BIOS</i> ) <b>40</b> - 4000K ( <i>available as BIOS</i> ) <b>TW3</b> - Tunable White ( <i>Blanco 3</i> ) <b>CL</b> - Custom Lumens <b>CW</b> - Custom Watts <b>MOD</b> - Mod options available <i>Lumen Output pg. 2-3</i>	<b>---</b> Individual Fixture <a href="#">QS</a> <b>---</b> Continuous Row <a href="#">QS</a> <b>L</b> - L Shape <a href="#">QS</a> <b>R</b> - Rectangle <a href="#">QS</a> <b>S</b> - Square <a href="#">QS</a> <b>U</b> - U Shape <a href="#">QS</a> <b>T</b> - T Shape <b>X</b> - X Shape <b>WC</b> - Wall to Ceiling <a href="#">QS</a> <b>MOD</b> - Mod options available <i>Length and Pattern pg. 3-4</i>	<b>G1(G)</b> - 1" (15/16") T Bar <a href="#">QS</a> <b>G9(G)</b> - 9/16" T Bar <a href="#">QS</a> <b>GB(G)</b> - 9/16" Bevel T Bar <b>GS(G)</b> - Screw Slot T Bar <a href="#">QS</a> <b>FL(F)</b> - 1/2" Flange <a href="#">QS</a> <b>NF(N)</b> - Non Flange <a href="#">QS</a> <b>SF(S)</b> - Spackle Flange <a href="#">QS</a> <b>MOD</b> - Mod options available <i>Mounting pg. 5</i>

VOLTAGE	DRIVER	CIRCUITING	BATTERY & EMERGENCY <sup>4</sup>
<b>U</b> - Universal <a href="#">QS</a> <i>(120 thru 277V)</i> <b>1</b> - 120V <a href="#">QS</a> <b>2</b> - 277V <a href="#">QS</a> <b>3</b> - 347V <i>Voltage pg. 5</i>	<b>FSD</b> - Factory Select Driver (1%, 0-10v) <a href="#">QS</a> <b>PL2</b> - Advance Xitanium (1%, 0-10v) <a href="#">QS</a> <b>OL4</b> - Osram 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>OL2</b> - Osram (1%, 0-10v) <a href="#">QS</a> <b>MOD</b> - Mod options available <i>Driver pg. 6</i>	<b>1</b> - Single Circuit <a href="#">QS</a> <b>M</b> - Multi Circuit <b>E</b> - Emergency <a href="#">QS</a> <i>(entire fixture)</i> <b>N</b> - Night Light <a href="#">QS</a> <i>(entire fixture)</i> <i>Circuiting pg. 6</i>	<b>0</b> - None <a href="#">QS</a> <b>FSG</b> - Factory Select ALCR <b>GI</b> - Iota ETS DR <b>GB</b> - Bodine GTD <b>P</b> - Bodine 10W <b>IC</b> - Iota 10W <a href="#">QS</a> <b>E</b> - Emergency Circuit Section <b>N</b> - Night Light Circuit Section <b>L</b> - Life Safety Circuit Section <i>Battery and Emergency pg. 7</i>

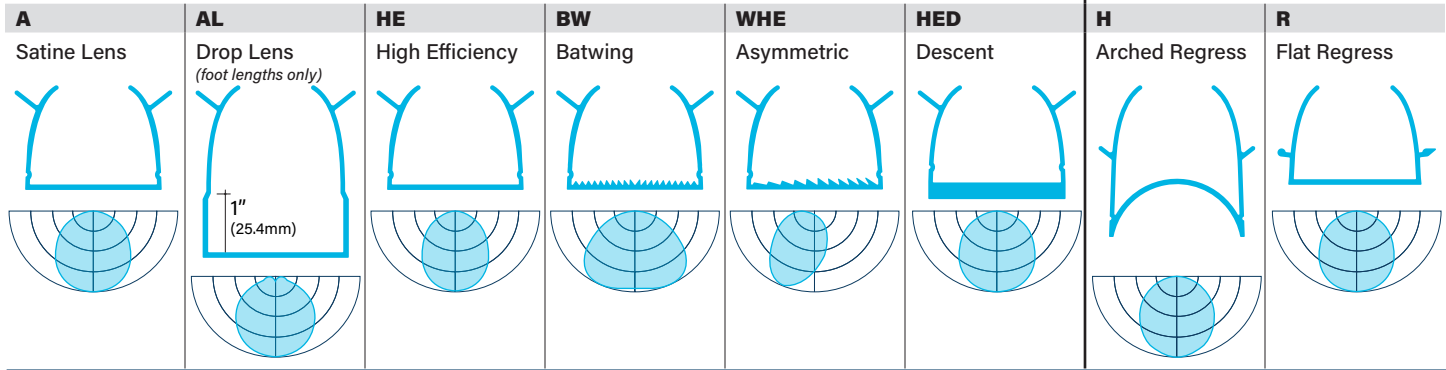
FINISH	FIXTURE OPTIONS <sup>5</sup>	CONTROLS <sup>6</sup>
<b>W</b> - White <a href="#">QS</a> <b>S</b> - Metallic Silver <b>BL</b> - Textured Black <b>BR</b> - Bronze <b>GR</b> - Graphite <b>CC</b> - Custom Color <i>Finish pg. 7</i>	<b>QS</b> - Quick Ship <a href="#">QS</a> <b>CP</b> - Chicago Plenum <a href="#">QS</a> <b>FIL</b> - Field Cut Illuminated Extension <b>RC</b> - Rotating Crossbar <b>GLR</b> - Internal Fast Blow Fuse <a href="#">QS</a> <b>MOD</b> - Mod options available <b>DSP</b> - Customer Supplied Battery/Driver/Sensor <b>FW6</b> - 6' Flex Whip <i>Fixture Options pg. 7</i>	<b>DLMFC</b> - Wattstopper DLM ( <i>wired</i> ) <b>DLMFS</b> - Wattstopper LLC ( <i>wireless</i> ) <b>EASYS</b> - Philips EasySense ( <i>wireless</i> ) <b>SNSLM</b> - Encelium Sensillum ( <i>wireless</i> ) <b>WVLX</b> - Eaton Wavelinx ( <i>wireless</i> ) <b>VDO</b> - Lutron Vive Sensor ( <i>wireless</i> ) <b>VRF</b> - Lutron Vive Connected ( <i>wireless</i> ) <b>ENL</b> - Enlighted ( <i>wireless</i> ) <b>MOD</b> - Mod options available <i>Controls pg. 8</i>

1. When specifying SOURCE the first \_ is for specifying either 8 - 80CRI or 9 - 90CRI. The ending \_ are for specifying output, example HO - High Output. If specifying QS output is 80 CRI, all color temperatures, all lumen packages. Does not include Tunable White. See output charts for more information. 2. 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'. 3. Specify mounting for individual or continuous length: G1, G9, GS, FL, NF & SF for continuous rows, G1G, G9G, GSG, FLF, NFN & SFS for individual lengths. 4. Enter quantity for Battery and Emergency, Example 2P. 5. QS must be used in fixture options section of part number to qualify. LMRA option only available with 120v 6Controls can only be used with Single Circuit (1) or Emergency Circuit (E). See Controls chart on page 5 for driver options and more information.

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



## Shielding



### Source: White LED<sup>1</sup>

- Specify either 80 or 90 CRI
- Longer lead-time may apply for 90 CRI. Consult factory

- 80 CRI = R9≥19 and 90 CRI = R9≥61

## Custom Output - Lumens OR Wattage

**CL** \_\_\_\_\_ Specify CRI, CCT and desired lumens (i.e. CL835500)

Specify lumens between standard offering listed below. Lumens are specified per color temp

**CW** \_\_\_\_\_ Specify CRI, CCT and desired wattage (i.e. CW9407)

Specify watts between standard offering listed below

### 80 CRI

	Color	Lumens per foot	Shielding <sup>1</sup>		AL Drop LPW	Watts/ft	HE High Efficiency LPW		BW Batwing LPW	Watts/ft	WHE Asymmetric LPW		HED Descent LPW	Watts/ft	H Arched Regress LPW		R Regress LPW	Watts/ft
			A Satine LPW	Watts/ft														
<b>830</b>	3000K	500	103	4.9	105	4.8	123	4.1	120	4.2	120	4.2	101	4.9	105	4.8	98	5.1
<b>830HO</b>	3000K	750	105	7.2	107	7.0	123	6.1	120	6.2	120	6.3	103	7.3	107	7.0	99	7.6
<b>830VHO</b>	3000K	1000	106	9.4	107	9.3	126	8.0	123	8.1	123	8.2	105	9.5	107	9.3	99	MAX
<b>835</b>	3500K	500	106	4.7	108	4.6	122	4.1	124	4.0	124	4.0	105	4.8	108	4.6	101	5.0
<b>835HO</b>	3500K	750	108	6.9	110	6.8	127	5.9	124	6.1	123	6.1	107	7.0	110	6.8	101	7.5
<b>835VHO</b>	3500K	1000	108	9.2	111	9.0	130	7.7	127	7.9	127	7.9	107	9.3	111	9.0	102	9.8
<b>840</b>	4000K	500	106	4.7	108	4.6	122	4.1	124	4.0	124	4.0	105	4.8	108	4.6	101	5.0
<b>840HO</b>	4000K	750	108	6.9	110	6.8	127	5.9	124	6.1	123	6.1	107	7.0	110	6.8	101	7.5
<b>840VHO</b>	4000K	1000	108	9.2	111	9.0	130	7.7	127	7.9	127	7.9	107	9.3	111	9.0	102	9.8

### 90 CRI

<b>927</b>	2700K	500	84	5.9	86	5.8	102	4.9	100	5.0	99	5.0	84	6.0	86	5.8	79	6.4
<b>927HO</b>	2700K	750	86	8.7	88	8.5	102	7.4	99	7.5	99	7.6	85	8.8	88	8.5	80	9.3
<b>927VHO</b>	2700K	1000	N/A		N/A		103	9.7	N/A		N/A		N/A		N/A		N/A	
<b>930</b>	3000K	500	93	5.4	95	5.3	109	4.6	107	4.7	106	4.7	91	5.5	95	5.3	86	5.8
<b>930HO</b>	3000K	750	94	8.0	96	7.8	111	6.8	109	6.9	108	6.9	93	8.1	96	7.8	88	8.5
<b>930VHO</b>	3000K	1000	N/A		N/A		112	9.0	109	9.2	109	9.2	N/A		N/A		N/A	
<b>935</b>	3500K	500	92	5.4	94	5.3	108	4.6	106	4.7	106	4.7	91	5.5	94	5.3	86	5.8
<b>935HO</b>	3500K	750	94	8.0	96	7.8	111	6.8	108	6.9	108	7.0	92	8.1	96	7.8	88	8.6
<b>935VHO</b>	3500K	1000	N/A		N/A		111	9.0	109	9.2	108	9.2	N/A		N/A		N/A	
<b>940</b>	4000K	500	92	5.4	94	5.3	108	4.6	106	4.7	106	4.7	91	5.5	94	5.3	86	5.8
<b>940HO</b>	4000K	750	94	8.0	96	7.8	111	6.8	108	6.9	108	7.0	92	8.1	96	7.8	88	8.6
<b>940VHO</b>	4000K	1000	N/A		N/A		111	9.0	109	9.2	108	9.2	N/A		N/A		N/A	

### Source: BIOS<sup>1</sup>

- CRI >84, R9 >90
- Spectrum focused lighting for circadian stimulus
- High EML or M/P ratio: .8 for 3500K, .9 for 4000K
- COI: ≤3.3
- Available for use with most Driver or Control options

## Custom Output - Lumens OR Wattage

**CLB** \_\_\_\_\_ Specify CRI, CCT and desired lumens (i.e. CL835500)

Specify lumens between standard offering listed below. Lumens are specified per color temp

**CWB** \_\_\_\_\_ Specify CRI, CCT and desired wattage (i.e. CW9407)

Specify watts between standard offering listed below

### BIOS

	Color	Lumens per foot	Shielding <sup>1</sup>		HE High Efficiency LPW	Watts/ft	BW Batwing LPW	Watts/ft
			A Satine LPW	Watts/ft				
<b>B35</b>	3500K	500	63.4	7.9	77	6.5	75	6.7
<b>B35HO</b>	3500K	750	62.0	12.1	77	9.7	75	10.0
<b>B40</b>	4000K	500	63.4	7.9	77	6.5	75	6.7
<b>B40HO</b>	4000K	750	62.0	12.1	77	9.7	75	10.0

<sup>1</sup>LPW and watts/ft based off 47" fixture size.

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

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EV2D\_LED\_SPEC\_OCT2022



## Source: Blanco3<sup>1</sup>

- CRI >90, R9 >92
- 3 Channel tunable white for precise black body curve CCT
- Allows for high color consistency between fixtures
- Self-commissioning with Wattstopper DLM integrated controls
- Requires Control Ordering Code **B3LM** (pg. 6)
- Requires Drive Ordering Code **EC2** (pg. 4)

## Blanco 3 Tunable White (TW3)

TW3	Range	Shielding <sup>1</sup>			HE			BW		
		A			High Efficiency			Batwing		
		Satine								
	2700-6500K	Lumens/ft	LPW	Watts/ft	Lumens/ft	LPW	Watts/ft	Lumens/ft	LPW	Watts/ft
		647	77	8.5	769	91	8.5	676	80	8.5

<sup>1</sup>LPW and watts/ft based off 47" fixture size.

## Direct 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			Required Driver	Required Control
	Color Changing RGB LED		EC1/EC4	DMX
	Color Changing RGB-W LED		EC1/EC4	DMX
	2 Channel Tunable White			

## Length

- All individual units cannot be joined, end trims are factory installed and cannot be removed
- Refer to Pattern section for specification and ordering options
- Continuous Rows are made up of even and odd length fixtures; designed to fall on-grid
- BIOS and Blanco3 are only available in foot lengths

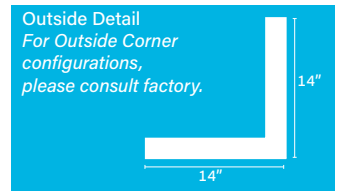
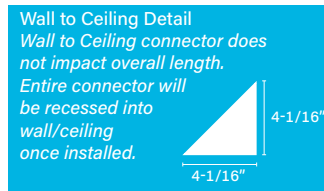
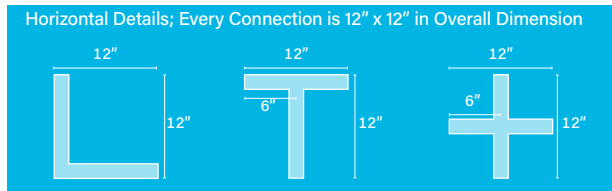
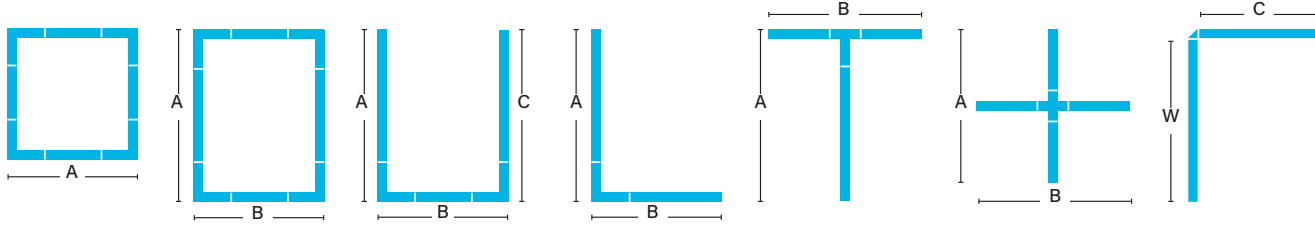
2	3	4	5	6	7	8	
Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Cont. Run
23" (584.2mm)							Specify nominal overall row length to the 1/8" not available with H or R shielding options.
	35" (889mm)						
		47" (1193.8mm)					
			59" (1498.6mm)				
				71" (1803.4mm)			
					83" (2108.2mm)		
						95" (2413mm)	
Specify to the 1/8" >>>>							



## Pattern

- Specify pattern shape and overall dimensions (includes corner dimensions)
- 90 degree horizontal corners are 12"x12" (overall, outside dimension)
- Angles and shapes not shown require Mod Pattern; consult factory
- Only available with A or HE Lenses
- Not all drivers available with all patterns; consult factory

S_	R x_	U x x_	L x_	T x_	X x_	WC x_
Square Provide A dimension	Rectangle Provide Ax B dimensions	U-Shape Provide Ax BxC dimensions	L-Shape Provide Ax B dimensions	T-Shape Provide Ax B dimensions	X-Shape Provide Ax B dimensions	Wall to Ceiling Provide WxC dimensions
Example: <b>S4'</b>	Example: <b>R4'x4'</b>	Example: <b>U3'x4'x3'</b>	Example: <b>L3'x3'</b>	Example: <b>T3'x5'</b>	Example: <b>X5'x5'</b>	Example: <b>WC2'x2'</b>
Nominal Length-4'x4'	Nominal Length-4'x4'	Nominal Length-3'x4'x3'	Nominal Length-3'x3'	Nominal Length-3'x5'	Nominal Length-5'x5'	Nominal Length-2'x2'
Minimum Length-3'11"x3'11"	Minimum Length-3'11"x3'11"	Minimum Length-2'11"x3'11"x2'11"	Minimum Length-2'11"x2'11"	Minimum Length-2'11"x4'10"	Minimum Length-4'10"x4'10"	Minimum Length-1'11"x1'11"



## 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

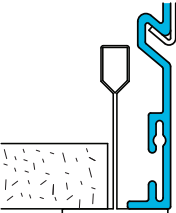
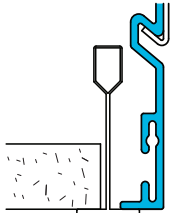
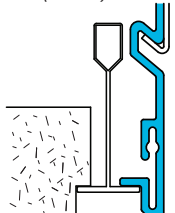
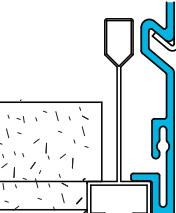
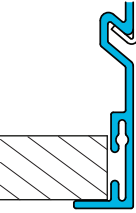
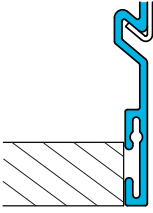
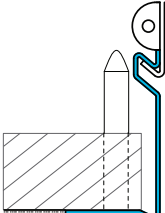
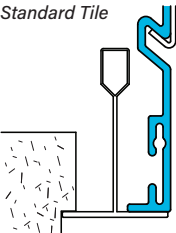
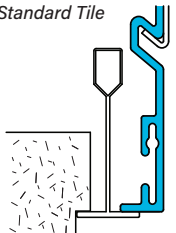
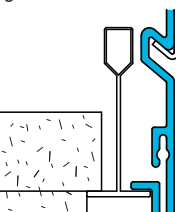
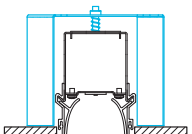
MOD	Specify MOD for patterns, lengths or angles not shown above
	45- 180 degree angles
	Single-piece welded housings up to 4' x 4



## Mounting

- Individual Units, specify G\_G, FLF, SFS, NFN
- Continuous Units, specify G\_, FL, SF, NF
- Individual units cannot be joined, end trims are factory installed and cannot be removed
- Designed to install into acoustical grid and inaccessible ceilings

- Grid retention brackets integral to housing and require mechanical attachment
- Each housing contains 4 grid retention brackets
- Tie off fixture to structure with retention wires
- Approved for dry/damp location unless otherwise noted

G1G Individual Unit	G9G	GBG	GSG	FLF	NFN	SFS
G1 Continuous Run or Pattern	G9	GB	GS	FL	NF	SF
1" (15/16") T-Bar Flange to Flange: 3-1/16" (77.8mm)	9/16" T-Bar For tegular tile installations, fixture position will not be flush to the bottom of the tile Flange to Flange: 3-1/16" (77.8mm)	9/16" T-Bar Rail has bevel edge details. For tegular tile installations, fixture position will be flush to the bottom of the tile Flange to Flange: 3-1/16" (77.8mm)	Screw Slot & 9/16" T-Bar For 9/16" installations with tegular tile, fixture position will be flush to the bottom of the tile Flange to Flange: 3-1/16" (77.8mm)	Exposed Standard 1/2" Flange Detail Flange to Flange: 3-3/8" (85.7mm)	Metal Pan or Millwork Flange to Flange: 2-11/16" (68.2mm)	Drywall, Flangeless Detail Flange to Flange: 4-1/4" (108mm)
 Standard Tile	 Standard Tile	 Tegular Tile	 Tegular Tile			
 Tegular Tile	 Tegular Tile		 Tegular Tile			<b>RC</b> Optional Rotating Crossbar 

## 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
	Alternative Ceiling Solutions
	Combination Rails

## Voltage

- Some EV2D configurations will not accommodate all voltage options; consult with factory

<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 EV2D 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>	Osram Optotronic, 1%, 0-10v
<b>OL4</b>	Osram 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>	Osram Optotronic 1%, 0-10v, AUX
<b>PL5</b>	Advance Xitanium 1%, 0-10v, AUX

### DALI Drivers

<b>EE3</b>	eldoLED ECOdrive .1%, DALI (logarithmic)
<b>ES3</b>	eldoLED SOLOdrive .1%, DALI (logarithmic)
<b>OD1</b>	Osram Optotronic 1%, DEXAL
<b>OD2</b>	Osram Optotronic 1%, DALI 2 Channel

### Lutron Drivers

<b>LH1</b>	Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1
<b>LH4</b>	Lutron Hi-Lume 1%, 2-wire, Lutron-LTEA2W, 120v only

### Alternate Drivers

<b>PS1</b>	Signify Advance Xitanium Step Dimming 50%/100%
<b>PR1</b>	Philips Advance Xitanium SR, requires EASYS, VDO or VRF
<b>OD1</b>	Osram Optotronic 1%, DEXAL
<b>EH1</b>	ELV 120v only, 0-10v universal
<b>EC2</b>	Constant Voltage LED driver, 120v or 277v required

## 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

<b>MOD</b>	Power Over Ethernet
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## How to Specify Circuiting, Battery and Emergency

- Select fixture circuiting from options below
  - Some EV2D configurations will not accommodate all circuiting options, consult with factory

### Circuiting

<b>1</b>	Single Circuit
<b>M</b>	Multi Circuit <i>(Not available with controls)</i>
<b>E</b>	Emergency Circuit only <i>(uses nIO EZ PH ER with NLIGHT)</i>
<b>N</b>	Night Light Circuit only

- Battery and emergency section options are available in addition to fixture circuit
  - Select battery and emergency section options below; factory shop drawing required
  - Some EV2D configurations will not accommodate all circuiting options, consult with factory

## Battery and/or Emergency If Required

<b>0</b>	No battery or specific emergency section required
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## Battery

- Select battery section type if required, indicate total QTY. *Example 2P*
- 90 minute battery runtime; test button location dependant on configuration, consult factory
- No battery option available for 2' & 3' lengths
- Entire fixture is on battery for lengths up to 5'
- Half of fixture is on battery for 6' or 8' housing lengths
- For more battery options available, see Pinnacle Resource Guide

<b>0</b>	No Battery
<b>_ILL</b>	Iota 10w Integral Lithium, Self Testing
<b>_IRH</b>	Iota 20w Remote
<b>_PLL</b>	Bodine 10w Integral Lithium, Self Testing
<b>_PRH</b>	Bodine 20w Remote

### For Approximate Battery Lumen Output

- Multiply battery wattage X fixture LPW shown on Lumen Table
- 92.3 (LPW) x 10 (watts) = 923 battery lumen output

## Emergency

- Select emergency section type if required, indicate total QTY. *Example 1E*
- Combine battery and emergency section ordering codes if both options are selected

<b>_FSG</b>	Factory Select ALCR, Automatic Load Control Relay
<b>_GI</b>	Iota ETS DR, Emergency Lighting Control Device
<b>_GB</b>	Bodine GTD, Emergency Lighting Control Device
<b>_E</b>	Emergency circuit section <i>(NLIGHT ONLY full housing not sections)</i>
<b>_N</b>	Night Light circuit section
<b>_L</b>	Life Safety circuit section NO THROUGH WIRE

### Battery OR Emergency Ordering Examples

- Single circuit, 10w Integral Battery Ordering Code: 1-1P
- Emergency only, 10w Integral Battery Ordering Code: E-1P
- Single circuit, GTD required Ordering Code: 1-1G

### Combination Section Ordering Examples

- Single circuit, (1) 10w battery, (1) emergency section Ordering Code: 1-1P1E
- Multi circuit, (2) 10w battery, (2) emergency sections Ordering Code: M-2P2E
- Single circuit, (1) night light section Ordering Code: 1-1N

## 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
<b>S</b>	Metallic Silver
<b>BL</b>	Textured Black
<b>GR</b>	Graphite
<b>BR</b>	Bronze
<b>CC</b>	Custom Color

## Fixture Options

- FIL has 2" min - 12" max length
- FIL Option angle range is 40° to 90°
- FIL Option is not IC rated

<b>QS</b>	Quick Ship
<b>CP</b>	Chicago Plenum
<b>FIL</b>	Field Cut Illuminated Extension
<b>RC</b>	Rotating Crossbar
<b>DSP</b>	Customer Supplied Battery/Driver/Sensor
<b>GLR</b>	Internal Fast Blow Fuse
<b>FW6</b>	6' Flex Whip

## Quick Ship

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

<b>A</b>	80 CRI, all color temperatures, all lumen packages	<b>G1(G)</b>	1" T-Bar	<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>HE</b>		<b>G9(G)</b>	9/16" T-Bar	<b>1</b>	120V	<b>PL2</b>	Advance Xitanium 1%, 0-10v	<b>E</b>	Emergency	<b>_IC</b>	Iota 10w Integral		
<b>BW</b>	See pg 2	<b>GS(G)</b>	Screw Slot	<b>2</b>	277V	<b>OL2</b>	Osram 0-10v, 1%	<b>N</b>	Night Light				
<b>WHE</b>		<b>FL(F)</b>	1/2" Flange										
		<b>NF(N)</b>	Flangeless										
		<b>SF(S)</b>	Spackle Flange										

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

## 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
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Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.

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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

	Solution	Components	Network/Sensor	Connection	Required Drivers	Limitation
<b>DLMFC</b>	Legrand Wattstopper DLM	LMFC-011	Digital Lighting Management (DLM)	Wired, two RJ45 ports	OL2, OL4	None
<b>DLMFS</b>	Legrand Wattstopper LLLC	LMFS-601-W / LMFI-111	Wireless DLM Fixture Sensor	Wireless	OD1, PR1, 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>SNLSM</b>	Encelium Sensilum	EN-CLM-PIR-DD-ZB	Encelium, Daylight/PIR Occupancy	Wireless	OD1, OL5	Not available with 347 volt
<b>WLVX</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
<b>ENLI</b>	Enlighted	SU-5E-IOT, CU-4E	Enlighted, Daylight/PIR Occupancy	Wireless	Any 0-10v	Not available with 347 volt
<b>ENLC</b>	Enlighted	SU-5E-CL, CU-4E	Enlighted, Daylight/PIR Occupancy	Wireless	Any 0-10v	Not available with 347 volt

## Controls: Tunable White

- Pinnacle Lighting offers easy to specify tunable white solutions for integrated building control or standalone controls
- 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 or placement

	Solution	Components	Network/Sensor	Connection	Required Drivers	Required LED	Required Controls	Limitations
<b>B3LM</b>	Legrand Wattstopper Blanco 3	BLM3-DLM	Digital Lighting Management (DLM)	Wired, two RJ45 ports	EC2	TW3	B3LM	Not available with 347 volt

## Controls: MOD Options

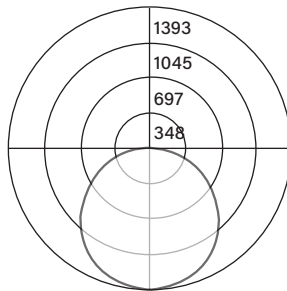
- Specify **MOD** in the part number for any of the below options
- Control** Options may require specific driver. Refer to the chart below
- Consult factory for **MOD** specification details, pricing, and lead-time information

<b>MOD</b>	Acuity nLight Air Wireless Connected	Required Driver
		EE6, ES6

## Photometrics

### Satine Lens

Test # ITL91423  
Catalog # EV2D-A-840VHO-4  
Lumens 3984 lm  
Watts 36.2 w  
Efficacy 110 LPW



### Candela Distribution

Vert Angle	Horizontal Angle				
	0	22.5	45	67.5	90
0	1393	1393	1393	1393	1393
5	1388	1387	1388	1390	1390
10	1372	1370	1375	1375	1373
15	1343	1339	1347	1345	1343
20	1302	1295	1302	1301	1298
25	1250	1241	1250	1247	1243
30	1187	1178	1186	1183	1178
35	1114	1105	1112	1105	1102
40	1032	1024	1028	1021	1018
45	942	935	937	930	927
50	846	838	838	832	828
55	739	730	731	723	722
60	627	621	618	612	610
65	508	505	499	494	491
70	387	383	377	375	374
75	264	263	258	255	256
80	148	146	146	145	144
85	52	53	54	55	54
90	0	0	0	0	0

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	19508	19404	19197
55	18867	18663	18433
65	17602	17290	17013
75	14937	14597	14484
85	8737	9073	9073

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 accredited testing laboratory. Testing conducted at 25°C ambient conditions.

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## Applications & Certificates

**Construction:** Formed cold-rolled 18 gauge steel housing. Highly reflective die-formed white painted steel reflector.

**Shielding:** Diffuse snap-in acrylic lens, removable for maintenance.

**Mounting:** EDGE is designed to install into acoustical grid and inaccessible ceilings. Specify GXG, FLF, SFS, NFN for individual, unjoinable units (individual units will fall on-grid). Specify GX, FL, SF, NF for continuous runs (runs designed to fall on-grid). Consult factory for detailed installation instructions. Maximum fixture weight is 15lbs per 4' fixture.

**White LED:** 25°C test environment. Lumen output/wattage has a margin of +/- 5%; 2' or 3' lengths may have a greater wattage deviation. All luminaire 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. Lifetime Projection L70 = 146,500 hours and L90 = 45,000 hours. MacAdam 3-Step Ellipses. Not all products are Lighting Facts listed. For all available IES files, please visit our website at [pinnacle-ltg.com](http://pinnacle-ltg.com). 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. 80 CRI = R9≥19 and 90 CRI = R9≥61.

**BIOS LED:** Spectrum focused lighting for circadian stimulus. EML or M/P ratio: .8 for 3500K, .9 for 4000K. COI >3.0. Not all lumen packages available. Two lumen packages available. Standard, and High (HO). Custom outputs are available. Specify custom lumens or watts between standard offering listed on CRI, CCT & Output page.

**Tunable White LED:** Blanco 3; 3 Channel tunable white for precise black body curve CCT. Self-commissioning with Wattstopper DLM integrated controls. Custom lumen output and color temperature configurations require use of controls.

**Voltage:** Universal (U), 120 volt (1), 277 volt (2) and 347 volt (3) options available. Must specify 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 Advance Xitanium 0-10V, 1% = PL2. 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 77.4°F/25.2°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), Life Safety (L) or Night Light circuit (N). For emergency circuiting situations that require no through wire or circuit separation, Life Safety Circuit should be selected. This will provide a separate power feed and only the Life Safety Circuit in that section. Some EDGE 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 location dependant on configuration, consult factory. For more Battery options, see Pinnacle Resource Guide.

**Finish:** Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish; consult factory for chip of standard paint finishes or for additional custom color and finish options.

**Controls:** DLM utilizes wired network connections for digital control through switching and dimming. nLight Air rES7 sensor provides wireless control, daylight harvesting and occupancy detection with PIR using eldoLED LED drivers. nLight Air rES7 sensor provides wireless control, daylight harvesting and occupancy detection with PDT using eldoLED LED drivers. nLight Air rIO module provides wireless control using eldoLED LED drivers. EasySense sensor provides daylight harvesting and PIR occupancy detection using the SR LED driver; the Philips app provides advanced configurations. ENCELIUM SensiLUM sensor provides wireless control, daylight harvesting and PIR occupancy; driver data is available when using the DEXAL driver. ENCELIUM SensiLUM sensor provides wireless control, daylight harvesting and PIR occupancy; driver data is available when using the DEXAL driver. Wavelinx Connected Lighting sensor provides wireless control and daylight harvesting using 0-10V LED drivers. Lutron Vive sensor provides wireless control, daylight harvesting and PIR occupancy detection using DEXAL or SR LED drivers. Lutron Vive module provides wireless control using DEXAL or SR LED drivers. Enlighted Smart Sensor provides multi-functionality including daylight harvesting and PIR occupancy; for IOT platform using 0-10v LED drivers. Enlighted Smart Sensor provides multi-functionality including daylight harvesting and PIR occupancy; for Connected platform using 0-10v LED drivers.

**Labels:** ETL listed conforming to UL1598 abd CSA 250. Standard, HO and VHO lumen packages are IC Rated, approved for dry/damp location unless otherwise noted.

**Fixture Weight:** Maximum fixture weight is 15lbs per 4' fixture.

**Buy American Act Compliant**

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