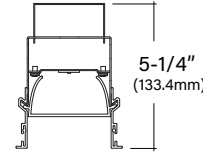


# EDGE EV3D

## 3" Recessed Linear



### Key Features

- Extruded aluminum trim with formed cold rolled 20 gauge steel back box housing
- 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
- Maximum fixture weight is 15lbs per 4ft fixture
- Room-Side Maintenance for LED system
- Buy American Act compliant
- Product transparency with third-party verified Living Building Challenge (LBC) Declared



QUICKSHIP

Declare.



Example Part #: EV3D-HE-830HO-26'-G1-U-FSD-1-0-W

EV3D -        -        -        -        -        -        -        -        -        -        -       

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

| ---   | ---  | ---  | ---   |
|---|--|--|---|
| SHIELDING   | SOURCE <i>QS</i> <sup>1</sup>  | LENGTH OR PATTERN <sup>2</sup>   | MOUNTING <sup>4</sup>   |
| <b>A</b> - Satine Lens <i>QS</i><br><b>HE</b> - High Efficiency Lens <i>QS</i><br><b>BW</b> - Batwing <i>QS</i><br><b>WHE</b> - Asymmetric <i>QS</i><br><b>AL</b> - Drop Lens<br><b>HED</b> - Descent Lens<br><b>H</b> - Arched Regress Lens<br><b>R</b> - Regress Lens<br><i>Shielding pg. 2</i> | <b>_27_</b> - 2700K<br><b>_30_</b> - 3000K<br><b>_35_</b> - 3500K<br><b>_40_</b> - 4000K<br><b>CL</b> - Custom Lumens<br><b>CW</b> - Custom Watts<br><b>MOD</b> - Mod options available<br><i>Lumen Output pg. 2</i> | <b>_</b> - Individual Fixture <i>QS</i><br><b>_</b> - Continuous Row <i>QS</i><br><b>L_x_</b> - L Shape <i>QS</i><br><b>R_x_</b> - Rectangle <i>QS</i><br><b>S_</b> - Square <i>QS</i><br><b>U_x_</b> - U Shape <i>QS</i><br><b>T_x_</b> - T Shape<br><b>X_x_x_</b> - X Shape<br><b>WC_x_</b> - Wall to Ceiling <i>QS</i><br><b>MOD</b> - Mod options available<br><i>Length and Pattern pg. 3-4</i> | <b>G1</b> - 1" (15/16") T Bar <i>QS</i><br><b>G9</b> - 9/16" T Bar <i>QS</i><br><b>GB</b> - 9/16" Bevel T Bar<br><b>GS</b> - Screw Slot T Bar <i>QS</i><br><b>FL</b> - 1/2" Flange <i>QS</i><br><b>NF</b> - Non Flange <i>QS</i><br><b>SF</b> - Spackle Flange <i>QS</i><br><b>MOD</b> - Mod options available<br><i>Mounting pg. 4</i> |

| ---  | ---   | -  | ---   |
|--|---|--|---|
| VOLTAGE  | DRIVER  | CIRCUITING   | BATTERY & EMERGENCY <sup>3</sup>  |
| <b>U</b> - Universal <i>QS</i><br>(120 thru 277V)<br><b>1</b> - 120V <i>QS</i><br><b>2</b> - 277V <i>QS</i><br><b>3</b> - 347V<br><i>Voltage pg. 4</i> | <b>FSD</b> - Factory Select Driver (1%, 0-10v) <i>QS</i><br><b>PL2</b> - Advance Xitanium (1%, 0-10v)<br><b>OL2</b> - eldoLED Optotronic (1%, 0-10v)<br><b>OL4</b> - eldoLED Optotronic 347v (1%, 0-10v)<br><b>EE1</b> - eldoLED ECOdrive (1%, 0-10v)<br><b>ES1</b> - eldoLED SOLOdrive (0.1%, 0-10v)<br><b>LH1</b> - Lutron Hi-Lume (1%, EcoSystem)<br><b>PR1</b> - Advance Xitanium SR<br><b>MOD</b> - Mod options available<br><i>Driver pg. 5</i> | <b>1</b> - Single Circuit <i>QS</i><br><b>M</b> - Multi Circuit<br><b>E</b> - Emergency <i>QS</i><br>(entire fixture)<br><b>N</b> - Night Light <i>QS</i><br>(entire fixture)<br><i>Circuiting pg. 5</i> | <b>0</b> - None <i>QS</i><br><b>_FSB</b> - Factory Select Battery <i>QS</i><br><b>_FSG</b> - Factory Select ALCR<br><b>_G1</b> - Iota ETS DR<br><b>_GB</b> - Bodine GTD<br><b>_ILL</b> - Iota 10W<br><b>_PLL</b> - Bodine 10W<br><b>_E</b> - Emergency Circuit Section<br><b>_N</b> - Night Light Circuit Section<br><i>Battery and Emergency pg. 6</i> |

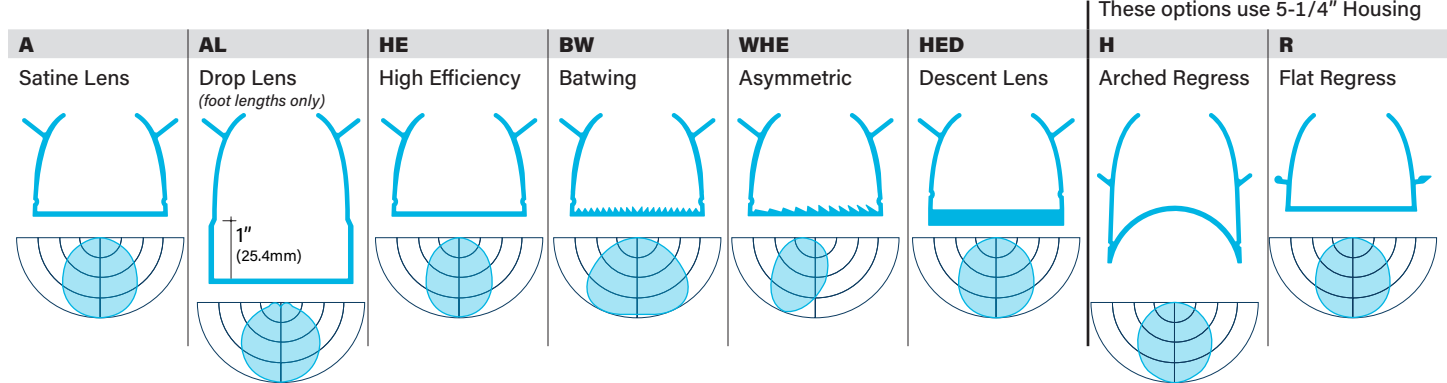
| ---   | ---   | ---   |
|---|---|---|
| FINISH  | FIXTURE OPTIONS <sup>5</sup>  | CONTROLS <sup>5</sup>   |
| <b>W</b> - White <i>QS</i><br><b>S</b> - Metallic Silver<br><b>BL</b> - Textured Black<br><b>BR</b> - Bronze<br><b>GR</b> - Graphite<br><b>CC</b> - Custom Color<br><i>Finish pg. 6</i> | <b>QS</b> - Quick Ship <i>QS</i><br><b>CP</b> - Chicago Plenum <i>QS</i><br><b>FIL</b> - Field Cut Illuminated Extension <i>QS</i><br><b>LMRA</b> - Adjustable MR16 (LED)<br><b>XLED</b> - Fixed Xicato LED<br><b>RC</b> - Rotating Crossbar<br><b>GLR</b> - Internal Fast Blow Fuse <i>QS</i><br><b>DSP</b> - Customer Supplied Battery/Driver/Sensor<br><b>MOD</b> - Mod options available<br><b>FW6</b> - 6' Flex Whip<br><i>Fixture Options pg. 6</i> | <b>DLMFS</b> - Wattstopper LLLC (wireless)<br><b>EASYS</b> - Philips EasySense (wireless)<br><b>SNSLM</b> - Encelium Sensilum (wireless)<br><b>WVLX</b> - Eaton WaveLinX (wireless)<br><b>VDO</b> - Lutron Vive Sensor (wireless)<br><b>VRF</b> - Lutron Vive Connected (wireless)<br><b>MOD</b> - Mod options available<br><i>Controls pg. 7</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.Enter quantity for Battery and Emergency, Example 2P. 4.QS must be used in fixture options section of part number to qualify. LMRA option only available with 120v. Rotating Crossbar (RC) option only available with FL and NF mounting. 5.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.

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
- 90 CRI = R9≥50
- QuickShip available for: "A" lens, 80 CRI, all color temperature, and all lumen packages

## 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                                       |

| 80 CRI        |       |                    |                           |      |                          |     |                                     |     |                             |     |                                 |     |                                   |      |                                   |      |                            |      |
|---------------|-------|--------------------|---------------------------|------|--------------------------|-----|-------------------------------------|-----|-----------------------------|-----|---------------------------------|-----|-----------------------------------|------|-----------------------------------|------|----------------------------|------|
|               | Color | Lumens<br>per foot | Shielding <sup>1</sup>    |      |                          |     |                                     |     |                             |     |                                 |     |                                   |      |                                   |      |                            |      |
|               |       |                    | <b>A</b><br>Satine<br>LPW |      | <b>AL</b><br>Drop<br>LPW |     | <b>HE</b><br>High Efficiency<br>LPW |     | <b>BW</b><br>Batwing<br>LPW |     | <b>WHE</b><br>Asymmetric<br>LPW |     | <b>HED</b><br>Descent Lens<br>LPW |      | <b>H</b><br>Arched Regress<br>LPW |      | <b>R</b><br>Regress<br>LPW |      |
|               |       |                    | Watts/ft                  |      | Watts/ft                 |     | Watts/ft                            |     | Watts/ft                    |     | Watts/ft                        |     | Watts/ft                          |      | Watts/ft                          |      | Watts/ft                   |      |
| <b>830</b>    | 3000K | 500                | 119                       | 4.2  | 123                      | 4.1 | 134                                 | 3.7 | 126                         | 4.0 | 131                             | 3.8 | 116                               | 4.3  | 100                               | 5.0  | 117                        | 4.3  |
| <b>830HO</b>  | 3000K | 750                | 119                       | 6.3  | 127                      | 5.9 | 139                                 | 5.4 | 131                         | 5.7 | 135                             | 5.5 | 115                               | 6.5  | 100                               | 7.5  | 117                        | 6.4  |
| <b>830VHO</b> | 3000K | 1000               | 122                       | 8.2  | 131                      | 7.7 | 140                                 | 7.1 | 132                         | 7.6 | 136                             | 7.3 | 118                               | 8.5  | 101                               | 9.9  | 119                        | 8.4  |
| <b>835</b>    | 3500K | 500                | 123                       | 4.1  | 127                      | 3.9 | 138                                 | 3.6 | 130                         | 3.8 | 135                             | 3.7 | 120                               | 4.2  | 103                               | 4.8  | 121                        | 4.1  |
| <b>835HO</b>  | 3500K | 750                | 123                       | 6.1  | 131                      | 5.7 | 144                                 | 5.2 | 135                         | 5.6 | 140                             | 5.3 | 119                               | 6.3  | 103                               | 7.3  | 120                        | 6.2  |
| <b>835VHO</b> | 3500K | 1000               | 126                       | 7.9  | 133                      | 7.5 | 144                                 | 6.9 | 136                         | 7.4 | 141                             | 7.1 | 122                               | 8.2  | 104                               | 9.6  | 123                        | 8.1  |
| <b>840</b>    | 4000K | 500                | 123                       | 4.1  | 127                      | 3.9 | 138                                 | 3.6 | 130                         | 3.8 | 135                             | 3.7 | 120                               | 4.2  | 103                               | 4.8  | 121                        | 4.1  |
| <b>840HO</b>  | 4000K | 750                | 123                       | 6.1  | 131                      | 5.7 | 144                                 | 5.2 | 135                         | 5.6 | 140                             | 5.3 | 119                               | 6.3  | 103                               | 7.3  | 120                        | 6.2  |
| <b>840VHO</b> | 4000K | 1000               | 126                       | 7.9  | 133                      | 7.5 | 144                                 | 6.9 | 136                         | 7.4 | 141                             | 7.1 | 122                               | 8.2  | 104                               | 9.6  | 123                        | 8.1  |
| 90 CRI        |       |                    |                           |      |                          |     |                                     |     |                             |     |                                 |     |                                   |      |                                   |      |                            |      |
| <b>927</b>    | 2700K | 500                | 99                        | 5.1  | 104                      | 4.8 | 113                                 | 4.4 | 106                         | 4.7 | 110                             | 4.5 | 96                                | 5.2  | 81                                | 6.2  | 97                         | 5.2  |
| <b>927HO</b>  | 2700K | 750                | 99                        | 7.6  | 106                      | 7.1 | 112                                 | 6.7 | 108                         | 6.9 | 109                             | 6.9 | 97                                | 7.7  | 82                                | 9.1  | 98                         | 7.6  |
| <b>927VHO</b> | 2700K | 1000               | 100                       | 10.0 | 107                      | 9.3 | 116                                 | 8.6 | 109                         | 9.2 | 113                             | 8.9 | 97                                | 10.3 | N/A                               |      | 98                         | 10.2 |
| <b>930</b>    | 3000K | 500                | 106                       | 4.7  | 113                      | 4.4 | 123                                 | 4.1 | 116                         | 4.3 | 120                             | 4.2 | 103                               | 4.9  | 88                                | 5.7  | 103                        | 4.8  |
| <b>930HO</b>  | 3000K | 750                | 108                       | 7.0  | 113                      | 6.7 | 123                                 | 6.1 | 115                         | 6.5 | 120                             | 6.3 | 105                               | 7.2  | 89                                | 8.4  | 106                        | 7.1  |
| <b>930VHO</b> | 3000K | 1000               | 108                       | 9.2  | 116                      | 8.6 | 126                                 | 8.0 | 118                         | 8.5 | 123                             | 8.2 | 106                               | 9.4  | 89                                | 11.2 | 107                        | 9.3  |
| <b>935</b>    | 3500K | 500                | 105                       | 4.7  | 113                      | 4.4 | 122                                 | 4.1 | 115                         | 4.3 | 119                             | 4.2 | 102                               | 4.9  | 88                                | 5.7  | 103                        | 4.9  |
| <b>935HO</b>  | 3500K | 750                | 107                       | 7.0  | 112                      | 6.7 | 122                                 | 6.1 | 115                         | 6.5 | 119                             | 6.3 | 104                               | 7.2  | 89                                | 8.4  | 105                        | 7.1  |
| <b>935VHO</b> | 3500K | 1000               | 108                       | 9.3  | 116                      | 8.7 | 125                                 | 8.0 | 118                         | 8.5 | 122                             | 8.2 | 106                               | 9.5  | 88                                | 11.4 | 107                        | 9.4  |
| <b>940</b>    | 4000K | 500                | 105                       | 4.7  | 113                      | 4.4 | 122                                 | 4.1 | 115                         | 4.3 | 119                             | 4.2 | 102                               | 4.9  | 88                                | 5.7  | 103                        | 4.9  |
| <b>940HO</b>  | 4000K | 750                | 107                       | 7.0  | 112                      | 6.7 | 122                                 | 6.1 | 115                         | 6.5 | 119                             | 6.3 | 104                               | 7.2  | 89                                | 8.4  | 105                        | 7.1  |
| <b>940VHO</b> | 4000K | 1000               | 108                       | 9.3  | 116                      | 8.7 | 125                                 | 8.0 | 118                         | 8.5 | 122                             | 8.2 | 106                               | 9.5  | 88                                | 11.4 | 107                        | 9.4  |

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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EV3D\_LED\_SPEC\_MARCH2025



## 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

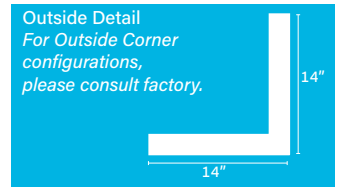
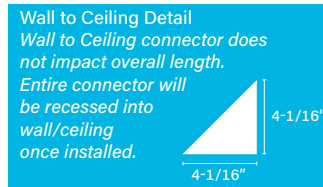
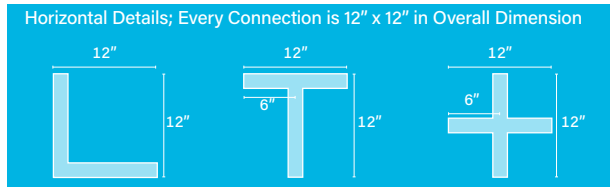
- All individual units cannot be joined, end trims are factory installed and cannot be removed
- Refer to Pattern section for specification and ordering options
- Continuous Rows are made up of even and odd length fixtures; designed to fall on-grid

| 2                        | 3              | 4              | 5              | 6              | 7              | 8              | —   |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|---|
| Indiv. Fixture           | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Cont. Run<br>Specify nominal overall row length to the 1/8" |
| 23" (584.2mm)            |                |                |                |                |                |                |   |
|                          | 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<br>Provide A dimension<br>Example: <b>S4'</b><br>Nominal Length-4'x4'<br>Minimum Length-3'11"x3'11" | Rectangle<br>Provide Ax B dimensions<br>Example: <b>R4'x4'</b><br>Nominal Length-4'x4'<br>Minimum Length-3'11"x3'11" | U-Shape<br>Provide Ax BxC dimensions<br>Example: <b>U3'x4'x3'</b><br>Nominal Length-3'x4'x3'<br>Minimum Length-2'11"x3'11"x2'11" | L-Shape<br>Provide Ax B dimensions<br>Example: <b>L3'x3'</b><br>Nominal Length-3'x3'<br>Minimum Length-2'11"x2'11" | T-Shape<br>Provide Ax B dimensions<br>Example: <b>T3'x5'</b><br>Nominal Length-3'x5'<br>Minimum Length-2'11"x4'10" | X-Shape<br>Provide Ax B dimensions<br>Example: <b>X5'x5'</b><br>Nominal Length-5'x5'<br>Minimum Length-4'10"x4'10" | Wall to Ceiling<br>Provide WxC dimensions<br>Example: <b>WC2'x2'</b><br>Nominal Length-2'x2'<br>Minimum Length-1'11"x1'11" |
|  |  |  |  |  |  |  |





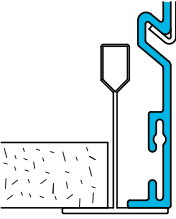
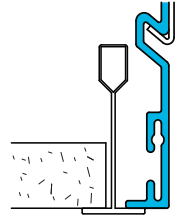
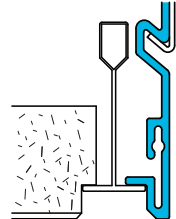
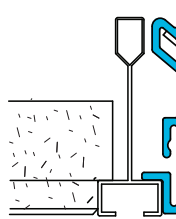
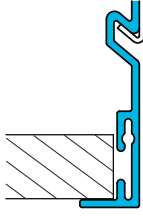
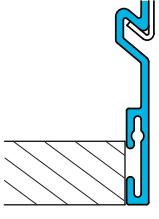
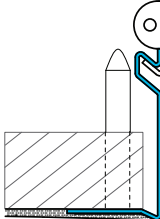
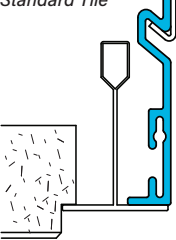
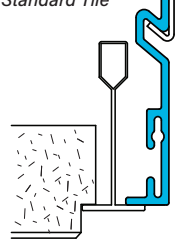
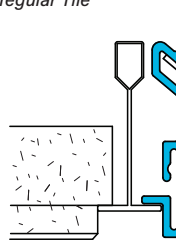
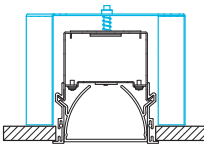
## Length or Pattern: MOD Options

- 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 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

| G1   | G9  | GB   | GS  | FL  | NF   | SF   |
|--|---|--|---|---|--|--|
| 1" (15/16") T-Bar<br>Flange to Flange:<br>3-13/16" (96.8mm)  | 9/16" T-Bar<br>For tegular tile installations, fixture position will not be flush to the bottom of the tile<br>Flange to Flange:<br>3-13/16" (96.8mm) | 9/16" T-Bar<br>Rail has bevel edge details. For tegular tile installations, fixture position will be flush to the bottom of the tile<br>Flange to Flange:<br>3-13/16" (96.8mm) | Screw Slot & 9/16" T-Bar<br>For 9/16" installations with tegular tile, fixture position will be flush to the bottom of the tile<br>Flange to Flange:<br>3-13/16" (96.8mm) | Exposed Standard 1/2" Flange Detail<br>Flange to Flange:<br>4-1/8" (104.7mm)        | Metal Pan or Millwork<br>Flange to Flange:<br>3-7/16" (87.3mm)                       | Drywall, Flangeless Detail<br>Flange to Flange:<br>5" (127mm)  |
| <br>Standard Tile | <br>Standard Tile   | <br>Tegular Tile   | <br>Tegular Tile  |  |  |    |
| <br>Tegular Tile | <br>Tegular Tile   |  | <br>Tegular Tile   |   |  | <b>RC</b><br>Optional Rotating Crossbar<br> |

## 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

| MOD | Recessed to Suspended         |
|-----|-------------------------------|
|     | Alternative Ceiling Solutions |
|     | Combination Rails             |

## Voltage

- Some EV3D configurations will not accommodate all voltage options; consult with factory

| U | Universal |
|---|-----------|
| 1 | 120 volt  |
| 2 | 277 volt  |
| 3 | 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 EV3D 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> | 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 0.1%, 0-10v, Logarithmic              |
| <b>ES2</b> | eldoLED SOLOdrive 0.1%, 0-10v, Linear                   |
| <b>PL5</b> | Advance Xitanium 1%, 0-10v, AUX, Dim to Off             |
| <b>OL5</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, DALI 2, DT6, Self powered link |
| <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 |
|------------|---|

### 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

|            |                     |
|------------|---------------------|
| <b>MOD</b> | Power Over Ethernet |
|------------|---------------------|

## How to specify Circuiting, Battery and Emergency

- Select fixture circuiting from options below
  - Some EV3D 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                             |
| <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 EV3D 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 |
|----------|---|



## Battery

- Select battery section type if required, indicate total QTY. *Example 2P*
- 90 minute battery runtime; test button is remote
- 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>_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    |

### 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, Emergency Control Device, UNV  |
| <b>_GI</b>  | Iota ETS-DR, Emergency Transfer Switch, UNV         |
| <b>_GB</b>  | Bodine GTD, Generator Transfer 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         |

### Battery OR Emergency Ordering Examples

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

## 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

- Consult factory for MR16 configurations
- FIL has 2" min - 12" max length
- FIL Option angle range is 40° to 90°
- FIL Option is not IC rated
- Rotating Crossbar (RC) option only available with FL and NF mounting.

|             |   |
|-------------|---|
| <b>QS</b>   | Quick Ship  |
| <b>CP</b>   | Chicago Plenum  |
| <b>FIL</b>  | Field Cut Illuminated Extension                         |
| <b>LMRA</b> | Adjustable MR16 LED ( <i>only available with 120v</i> ) |
| <b>XLED</b> | Fixed Xicato LED  |
| <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  |

## 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 |
|------------|---------------|



## Quick Ship

Shielding | Source | Mounting | Voltage | Driver | Circuiting | Battery | Finish | Options

## 10-Day

|            |   |           |                |          |                     |            |                                   |          |                                      |            |                        |          |       |            |                      |
|------------|---|-----------|----------------|----------|---------------------|------------|-----------------------------------|----------|--------------------------------------|------------|------------------------|----------|-------|------------|----------------------|
| <b>A</b>   | 80 CRI, all color temperatures, all lumen packages See pg 2 | <b>G1</b> | 1" T-Bar       | <b>U</b> | Universal (120-277) | <b>FSD</b> | Factory Select Driver (1%, 0-10v) | <b>1</b> | Single Circuit Emergency Night Light | <b>0</b>   | None                   | <b>W</b> | White | <b>CP</b>  | Chicago Plenum       |
| <b>HE</b>  |   | <b>G9</b> | 9/16" T-Bar    |          |                     |            |                                   |          |                                      | <b>FSB</b> | Factory Select Battery |          |       | <b>FIL</b> | Field Cut Extensions |
| <b>BW</b>  |   | <b>GS</b> | Screw Slot     | <b>1</b> | 120V                |            |                                   | <b>E</b> |                                      |            |                        |          |       | <b>GLR</b> | Fast Blow Fuse       |
| <b>WHE</b> |   | <b>FL</b> | 1/2" Flange    | <b>2</b> | 277V                |            |                                   | <b>N</b> |                                      |            |                        |          |       |            |                      |
|            |   | <b>NF</b> | Flangeless     |          |                     |            |                                   |          |                                      |            |                        |          |       |            |                      |
|            |   | <b>SF</b> | Spackle Flange |          |                     |            |                                   |          |                                      |            |                        |          |       |            |                      |

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

## 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

|              | Solution                 | Components            | Network/Sensor                    | Connection            | Required Drivers  | Limitations                 |
|--------------|--------------------------|-----------------------|-----------------------------------|-----------------------|-------------------|-----------------------------|
| <b>DLMFC</b> | Legrand Wattstopper DLM  | LMFC-011              | Digital Lighting Management (DLM) | Wired, two RJ45 ports | Any 0-10v         | Not available with Battery  |
| <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> | 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 |

## Controls: MOD Options

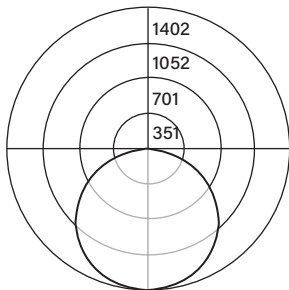
- Specify **MOD** in the part number for any of the below options
- Control** Options may require specific driver. Refer to the chart below
- Consult factory for **MOD** specification details, pricing, and lead-time information

|                                      | Required Driver |
|--------------------------------------|-----------------|
| <b>MOD</b>                           | Any 0-10v       |
| Enlighted (Wireless) - ENLI          | Any 0-10v       |
| Enlighted (Wireless) - ENLC          | Any 0-10v       |
| Acuity nLight Air Wireless Connected | EE6, ES6        |

## Photometrics

## Satine Lens

Test # 91432, 93985<sup>1</sup>  
Catalog # EV3D-A-840VHO-4  
Lumens 4020 lm  
Watts 32.3 w  
Efficacy 124.6 LPW



## Candela Distribution

| Vert Angle | Horizontal Angle |      |      |      |      |
|------------|------------------|------|------|------|------|
|            | 0                | 22.5 | 45   | 67.5 | 90   |
| 0          | 1400             | 1400 | 1400 | 1400 | 1400 |
| 5          | 1393             | 1395 | 1397 | 1398 | 1399 |
| 15         | 1348             | 1344 | 1350 | 1350 | 1348 |
| 25         | 1253             | 1245 | 1253 | 1254 | 1247 |
| 35         | 1112             | 1104 | 1112 | 1108 | 1105 |
| 45         | 940              | 932  | 935  | 932  | 930  |
| 55         | 734              | 730  | 730  | 729  | 727  |
| 65         | 507              | 504  | 503  | 501  | 503  |
| 75         | 269              | 268  | 271  | 273  | 274  |
| 85         | 65               | 66   | 70   | 73   | 73   |
| 90         | 0                | 0    | 0    | 0    | 0    |

## Luminance Data (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45               | 10950         | 10892          | 10833          |
| 55               | 10541         | 10483          | 10440          |
| 65               | 9882          | 9804           | 9804           |
| 75               | 8561          | 8625           | 8720           |
| 85               | 6143          | 6616           | 6899           |

<sup>1</sup>Based on ITL Reports 91432 and 93985.

For all available IES files, please visit our website at 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.

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.





## Applications & Certificates

**Construction:** Formed cold-rolled 20 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.

**LED:** 25°C test environment. Lumen output/wattage has a margin of +/- 5%; 2' or 3' lengths may have a greater wattage deviation. 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. TM-21-21 Lifetime Rating L70 = >72,000 hours, L90 = 67,600 hours. MacAdam 3-Step Ellipses. For all available IES files, please visit our website at [pinnacle-ltg.com](http://pinnacle-ltg.com).

**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 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 98°F/37°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 is remote to fixture. 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.

**MR16:** Ideal for conference rooms, corridors, wall washing, retail spaces and training facilities where accent lighting is required. Fully enclosed compartment eliminates light from entering into our fixture areas. LED lamps are not included. Consult factory for other lamp types. Standard 60 watt max LED electronic transformer (120v), MR16 installed as an independent circuit. MR16 to match fixture voltage. LMRA option not available with 277v. Consult factory for MR16 configurations.

**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.

**Labels:** ETL listed conforming to UL 1598 in US and CSA 250 in Canada. Standard, HO and VHO lumen packages are IC Rated, 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 15lbs per 4' fixture.

**Buy American Act Compliant**

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