

# EDGE MINI

## 1" x 2" Suspended Direct Linear

### Key Features

- Available with integral and remote driver options
- 6063-T5 Extruded aluminum housing
- Highly reflective die-formed white painted reflector
- 5-year limited warranty covers LED, driver and fixture
- UL and cUL listed
- Approved for dry/damp location unless otherwise noted



Example Part #: EX12D-HE-N-830HO-26'-AC48G1-U-FSD-1-0-W

**EX12D** - **DIRECT SHIELDING** - **N** - **INDIRECT SHIELDING** - **CRI, CCT & OUTPUT** - **LENGTH OR PATTERN** - **MOUNTING** - **VOLTAGE** - **DRIVER** - **CIRCUITING** - **BATTERY & EMERGENCY** - **FINISH**

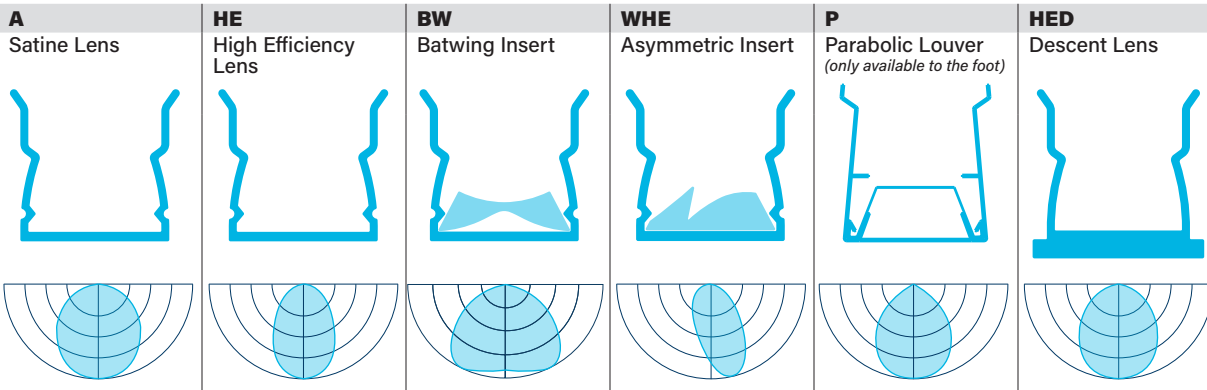
| ---   | N   | ---   | ---  |
|---|---|---|--|
| DIRECT SHIELDING  | INDIRECT SHIELDING  | SOURCE <sup>1</sup>   | LENGTH OR PATTERN <sup>2</sup>   |
| <b>A</b> - Satine Lens<br><b>HE</b> - High Efficiency Lens<br><b>BW</b> - Batwing Insert<br><b>WHE</b> - Asymmetric Insert<br><b>HED</b> - Descent Lens<br><b>P</b> - Parabolic Louver<br><i>Shielding pg. 2</i>  | <b>N</b> - None<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<br><b>---</b> - Continuous Row<br><b>S</b> - Square<br><b>R_x</b> - Rectangle<br><b>L_x</b> - L Shape<br><b>U_x_x</b> - U-Shape<br><b>T_x</b> - T-Shape<br><b>X_x</b> - X-Shape<br><b>MOD</b> - Mod options available<br><i>Length and Pattern pg. 3</i> |
| ---   | ---   | ---   | ---  |
| MOUNTING <sup>3</sup>   | VOLTAGE   | DRIVER  | CIRCUITING   |
| <b>AC_G</b> - AC to Grid<br><b>AC_JB</b> - AC to J Box<br><b>AC_ST</b> - AC to Structure<br><b>WA</b> - Wall Mount<br><b>S</b> - Surface Mount<br><b>AC5_G</b> - 5" Non-Power Canopy<br><b>AC5_JB</b> - 5" Non-Power Canopy<br><b>SQ_G</b> - 5" Square Canopy<br><b>SQ_JB</b> - 5" Square Canopy<br><i>Mounting pg. 4</i> | <b>U</b> - Universal (120 thru 277V)<br><b>1</b> - 120V<br><b>2</b> - 277V<br><b>3</b> - 347V<br><i>Voltage pg. 4</i>   | <b>Integral Driver</b><br><b>EL1</b> - ERP Power (1%, 0-10v, 120v or 277v)<br><b>Remote Drivers</b><br><b>FSD</b> - Factory Select Driver (1%, 0-10v)<br><b>PL2</b> - Advance Xitanium (1%, 0-10v)<br><b>OL2</b> - eldoLED (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><i>Driver pg. 4</i> | <b>1</b> - Single Circuit<br><b>M</b> - Multi Circuit<br><b>E</b> - Emergency ( <i>entire fixture</i> )<br><b>N</b> - Night Light ( <i>entire fixture</i> )<br><i>Circuiting pg. 5</i>   |
| ---   | ---   | ---   | ---  |
| BATTERY & EMERGENCY <sup>4</sup>  | FINISH  | FIXTURE OPTIONS <sup>5</sup>  | CONTROLS   |
| <b>0</b> - None<br><b>FSB</b> - Factory Select Battery<br><b>FSG</b> - Factory Select ALCR<br><b>GI</b> - Iota ETS DR<br><b>GB</b> - Bodine GTD<br><b>ILL</b> - Iota 10w Integral<br><b>PLL</b> - Bodine 10W<br><i>Battery and Emergency pg. 5</i>  | <b>W</b> - White<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. 5</i> | <b>BA</b> - Buy America(n) Act and/or Build America Buy America Compliant<br><i>Fixture Options pg. 6</i>   | <i>Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.</i>   |

<sup>1</sup>When specifying CRI- CCT & OUTPUT the first \_ is for specifying either **8** - 80CRI or **9** - 90CRI. The ending \_ are for specifying output, example **HO** - High Output. See output charts for more information. <sup>2</sup>Individual fixtures come in 2', 3', 4', 5', 6', 7', & 8' lengths. Continuous row come in 1' increments. For Mod layouts Specify pattern shape and overall dimensions. Example: L6x4: L pattern that is 6'x4'. <sup>3</sup>Specify AC length standard AC is 48"; Specify grid: G1=15/16", G9=9/16", GS=Screw Slot; All EX12 fixtures require a remote driver. Distance from Remote Box to Fixture cannot exceed 10ft. Based on the size and application of the remote box, specify RB (Remote Box) or RC (Remote Canopy) at the end of the Mounting portion of the part number. See page 3 for details. <sup>4</sup>Enter quantity for Battery and Emergency, Example 2PLL. <sup>5</sup>Compliance is configuration dependent; consult factory for confirmation.



## Shielding

### DIRECT



### INDIRECT

N  
None

## Output

- Specify either 80 or 90 CRI
- Longer lead-time may apply for 90 CRI. Consult factory.
- 90 CRI = R9≥50

## Custom Output - Lumens OR Wattage

|                 |   |  |
|-----------------|---|--|
| <b>CL</b> _____ | Specify CRI, CCT and desired lumens (i.e. CL835600) | 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 lumens between standard offering listed below. Lumens are specified per color temp |

### Direct 80 CRI

|               | Color | Lumens<br>per foot | Shielding<br><b>A</b> |          | <b>HE</b>              |          | <b>BW</b>      |          | <b>WHE</b>        |          | <b>P</b>      |          | <b>HED</b>     |          |
|---------------|-------|--------------------|-----------------------|----------|------------------------|----------|----------------|----------|-------------------|----------|---------------|----------|----------------|----------|
|               |       |                    | Satine Lens<br>LPW    | Watts/ft | High Efficiency<br>LPW | Watts/ft | Batwing<br>LPW | Watts/ft | Asymmetric<br>LPW | Watts/ft | Louver<br>LPW | Watts/ft | Descent<br>LPW | Watts/ft |
| <b>830</b>    | 3000K | 500                | 92                    | 5.4      | 116                    | 4.3      | 84             | 5.9      | 101               | 4.9      | 73            | 6.9      | 102            | 4.9      |
| <b>830HO</b>  | 3000K | 750                | 94                    | 8.0      | 115                    | 6.5      | 86             | 8.7      | 103               | 7.3      | 73            | 10.3     | 101            | 7.4      |
| <b>830VHO</b> | 3000K | 1000               | 93                    | 10.7     | 118                    | 8.5      | 84             | 11.9     | 105               | 9.5      | 70            | 14.3     | 103            | 9.7      |
| <b>835</b>    | 3500K | 500                | 95                    | 5.2      | 119                    | 4.2      | 87             | 5.8      | 105               | 4.8      | 73            | 6.8      | 103            | 4.9      |
| <b>835HO</b>  | 3500K | 750                | 97                    | 7.7      | 119                    | 6.3      | 88             | 8.5      | 107               | 7.0      | 75            | 10.0     | 105            | 7.2      |
| <b>835VHO</b> | 3500K | 1000               | 97                    | 10.4     | 122                    | 8.2      | 87             | 11.5     | 107               | 9.3      | 73            | 13.8     | 106            | 9.4      |
| <b>840</b>    | 4000K | 500                | 95                    | 5.2      | 119                    | 4.2      | 87             | 5.8      | 105               | 4.8      | 73            | 6.8      | 103            | 4.9      |
| <b>840HO</b>  | 4000K | 750                | 97                    | 7.7      | 119                    | 6.3      | 88             | 8.5      | 107               | 7.0      | 75            | 10.0     | 105            | 7.2      |
| <b>840VHO</b> | 4000K | 1000               | 97                    | 10.4     | 122                    | 8.2      | 87             | 11.5     | 107               | 9.3      | 73            | 13.8     | 106            | 9.4      |

### Direct 90 CRI

|               |       |      |    |      |     |      |     |      |    |      |     |      |    |      |
|---------------|-------|------|----|------|-----|------|-----|------|----|------|-----|------|----|------|
| <b>927</b>    | 2700K | 500  | 74 | 6.7  | 96  | 5.2  | 70  | 7.2  | 84 | 6.0  | 60  | 8.4  | 82 | 6.1  |
| <b>927HO</b>  | 2700K | 750  | 77 | 9.8  | 97  | 7.7  | 70  | 10.7 | 86 | 8.8  | 58  | 12.9 | 84 | 9.0  |
| <b>927VHO</b> | 2700K | 1000 | 74 | 13.5 | 97  | 10.3 | N/A |      | 84 | 12.0 | N/A |      | 82 | 12.2 |
| <b>930</b>    | 3000K | 500  | 81 | 6.1  | 102 | 4.9  | 74  | 6.7  | 91 | 5.5  | 65  | 7.7  | 89 | 5.6  |
| <b>930HO</b>  | 3000K | 750  | 83 | 9.0  | 104 | 7.2  | 77  | 9.8  | 93 | 8.1  | 64  | 11.8 | 91 | 8.2  |
| <b>930VHO</b> | 3000K | 1000 | 81 | 12.3 | 106 | 9.4  | N/A |      | 93 | 10.8 | N/A |      | 91 | 11.0 |
| <b>935</b>    | 3500K | 500  | 81 | 6.2  | 102 | 4.9  | 74  | 6.8  | 91 | 5.5  | 65  | 7.7  | 89 | 5.6  |
| <b>935HO</b>  | 3500K | 750  | 83 | 9.1  | 104 | 7.2  | 76  | 9.8  | 93 | 8.1  | 63  | 11.8 | 91 | 8.3  |
| <b>935VHO</b> | 3500K | 1000 | 81 | 12.4 | 106 | 9.5  | N/A |      | 92 | 10.8 | N/A |      | 90 | 11.1 |
| <b>940</b>    | 4000K | 500  | 81 | 6.2  | 102 | 4.9  | 74  | 6.8  | 91 | 5.5  | 65  | 7.7  | 89 | 5.6  |
| <b>940HO</b>  | 4000K | 750  | 83 | 9.1  | 104 | 7.2  | 76  | 9.8  | 93 | 8.1  | 63  | 11.8 | 91 | 8.3  |
| <b>940VHO</b> | 4000K | 1000 | 81 | 12.4 | 106 | 9.5  | N/A |      | 92 | 10.8 | N/A |      | 90 | 11.1 |

## 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** TIR Optics

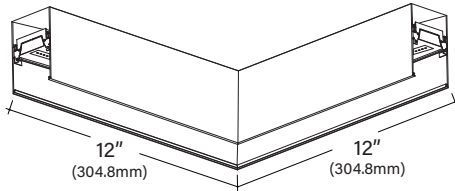


## Length

- All individual units cannot be joined, end plates are factory installed and cannot be removed
- For Continuous Runs, 1/2" (12.7mm) to the overall length of the row to account for end caps
- For patterns, refer to Pattern section on next page
- P Shielding option only available to the foot

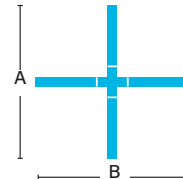
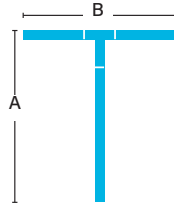
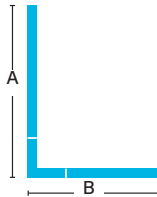
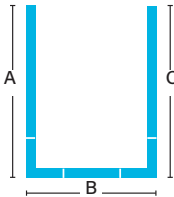
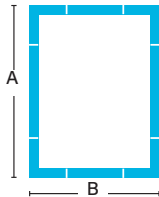
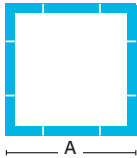
| 2                 | 3              | 4              | 5              | 6              | 7              | 8              | —   |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|---|
| Indiv. Fixture    | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Cont. Run<br>Specify nominal<br>overall row length<br>to the 1' |
| 24" (609.6mm)     |                |                |                |                |                |                |   |
| 36" (914.4mm)     |                |                |                |                |                |                |   |
| 48" (1219.2mm)    |                |                |                |                |                |                |   |
| 60" (1524mm)      |                |                |                |                |                |                |   |
| 72" (1828.8mm)    |                |                |                |                |                |                |   |
| 84" (2133.6mm)    |                |                |                |                |                |                |   |
| 96" (2438.4mm)    |                |                |                |                |                |                |   |
| Specify to the 1' |                |                |                |                |                |                |   |

## Pattern

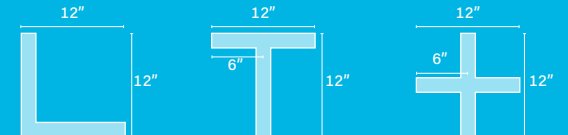


- Specify pattern shape and overall dimensions (includes corner dimensions)
- Refer to dimensions table below for available standard lengths
- All connectors are direct only
- 90 degree horizontal corners are 12"x12" (overall, outside dimension)
- Angles and shapes not shown require Mod Pattern; consult factory
- Only for HE Lens

| S_   | R_x_   | U_x_x_   | L_x_   | T_x_   | X_x_   |
|--|--|--|--|--|--|
| Square<br>Provide A dimension<br>Example: <b>S4'</b><br>Minimum Length-<br>4'x4' | Rectangle<br>Provide Ax B dimensions<br>Example: <b>R4'x4'</b><br>Minimum Length-<br>4'x4' | U-Shape<br>Provide Ax BxC dimensions<br>Example: <b>U3'x4'x3'</b><br>Minimum Length-<br>3'x4'x3' | L-Shape<br>Provide Ax B dimensions<br>Example: <b>L3'x3'</b><br>Minimum Length-<br>3'x3' | T-Shape<br>Provide Ax B dimensions<br>Example: <b>T3'x5'</b><br>Minimum Length-<br>3'x5' | X-Shape<br>Provide Ax B dimensions<br>Example: <b>X5'x5'</b><br>Minimum Length-<br>5'x5' |



Horizontal Details: Every Connection is 12" x 12" in Overall Dimension



## 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  
Hubs Connectors

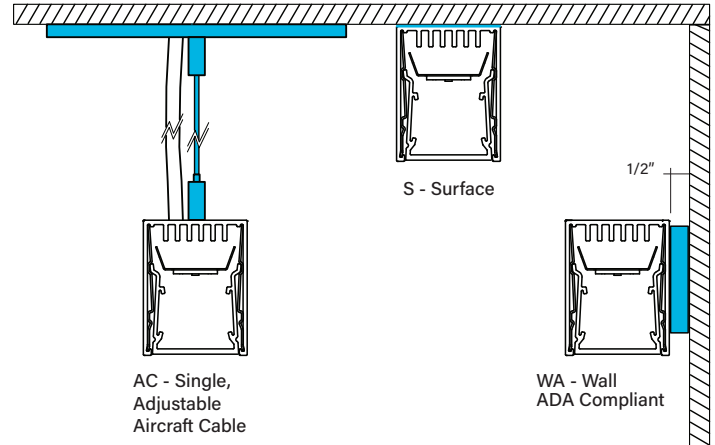


## Mounting

- Specify cable length in ordering code (AC48G1)
- Standard specifiable lengths are 48", 120", 240" and 350"
- End plates and power cord attached at factory
- Aircraft cable (AC) mounts on 4" (1219.2mm) and 8" (2438.4mm) centers
- Aircraft Cable supplied with 5" (127mm) power and 2" (50.8mm) non-power canopies
- Canopies are painted to 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, PAC NOT rated for dry/damp

|               |  |
|---------------|--|
| <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>WA</b>     | Wall Mount                                 |
| <b>S</b>      | Surface Mount                              |

- Refer to installation instructions during installation at the job site
- Maximum fixture weight is 20 lbs for a standard 4' fixture
- Remote box will be included for all specifications that include batteries, GTD, or a driver OTHER THAN the EL1. See Installation Instructions for more specific information about mounting



## Voltage

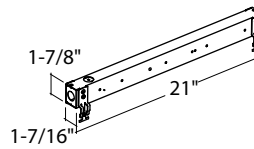
- Some EX12 configurations will not accommodate all voltage options; consult with factory

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

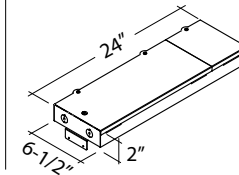
## Driver

- Standard Driver Option = EL1
- Driver Lifetime: 50,000 hours at 25°C ambient operating conditions
- For more driver options, see Pinnacle Resource Guide
- Some EX12D configurations will not accommodate all driver options; consult with factory
- EL1 driver is integral to the fixture housing. Remote box necessary for all drivers OTHER THAN the EL1 OR WITH BATTERY OPTION
- Osram and Lutron Drivers have a remote distance limitation of 10'
- eldoLED and Advance Drivers have an average remote distance limitation of 50'. Consult Factory for specific configurations

Slim Remote Box



Standard Remote Box



## Integral Driver

|            |  |
|------------|--|
| <b>EL1</b> | ERP Power 1%, 0-10v, requires 120 or 277 |
|------------|--|

## Remote Driver

### 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, 0.1% Linear                    |

### DALI Drivers

|            |   |
|------------|---|
| <b>EE3</b> | eldoLED ECOdrive .1%, DALI (logarithmic)  |
| <b>ES3</b> | eldoLED SOLOdrive .1%, DALI (logarithmic) |
| <b>OD1</b> | eldoLED Optotronic 1%, DEXAL              |

### Lutron Drivers

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

### Alternate Drivers

|            |   |
|------------|---|
| <b>PS1</b> | Signify Advance Xitanium Step Dimming 50/100% |
| <b>EH1</b> | ELV 120v only, 0-10v universal                |

## Slim Remote Box

Standard Output (STD),  
High Output (HO)

Standard Output (STD),  
High Output (HO)

All Configurations

All Configurations

## Standard Remote Box

Very High Output (VHO), 90CRI  
Options

Very High Output (VHO), 90CRI  
Options

N/A

N/A

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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EX12D\_LED\_SPEC\_JANUARY2026



## How to specify Circuiting, Battery and Emergency

- 1
  - Select fixture circuiting from options below
  - Some EX12D configurations will not accommodate all circuiting options, consult with factory

### 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 EX12D 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

- Battery will be remote mounted with driver.
- Select battery section type if required, indicate total QTY. *Example 2PL*
- 90 minute battery runtime; test button is remote to fixture and requires an additional drop

- Battery not available for lengths under 4'
- Entire direct fixture housing is on battery for lengths up to 5'
- Half of direct fixture is on battery for 6', 7' 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, remote in box)        |
| <b>_FSBST</b> | Factory Select Battery (10w, Self Testing, remote in box) |
| <b>_PLL</b>   | Bodine 10w Integral (remote in box)                       |
| <b>_ILL</b>   | Iota 10w Integral (Self Testing, remote in box)           |
| <b>_PRH</b>   | Bodine 20w (remote with conduit)                          |
| <b>_IRH</b>   | Iota 20w (remote with conduit)                            |

#### 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: 1-1PL
- 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 (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

- 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 |
|-----------|---|

### Controls

- Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for 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.

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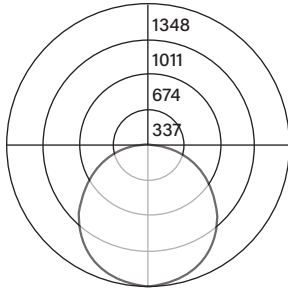
EX12D\_LED\_SPEC\_JANUARY2026



## Photometrics

### High Efficiency Lens

|           |                        |
|-----------|------------------------|
| Test #    | Scaled from KPL2015-57 |
| Catalog # | EX12D-A-840VHO-4       |
| Lumens    | 3819                   |
| Watts     | 39.7                   |
| Efficacy  | 96 LPW                 |



### Candela Distribution

| Vert Angle | Horizontal Angle |      |      |      |      |
|------------|------------------|------|------|------|------|
|            | 0                | 22.5 | 45   | 67.5 | 90   |
| 0          | 1337             | 1337 | 1337 | 1337 | 1337 |
| 5          | 1325             | 1337 | 1328 | 1330 | 1329 |
| 10         | 1308             | 1320 | 1310 | 1312 | 1311 |
| 15         | 1279             | 1290 | 1280 | 1281 | 1280 |
| 20         | 1239             | 1249 | 1240 | 1240 | 1239 |
| 25         | 1189             | 1197 | 1189 | 1186 | 1186 |
| 30         | 1128             | 1136 | 1128 | 1123 | 1122 |
| 35         | 1059             | 1068 | 1057 | 1053 | 1052 |
| 40         | 983              | 986  | 978  | 972  | 970  |
| 45         | 899              | 899  | 892  | 883  | 881  |
| 50         | 806              | 805  | 796  | 789  | 769  |
| 55         | 704              | 705  | 696  | 687  | 685  |
| 60         | 599              | 597  | 590  | 580  | 581  |
| 65         | 491              | 488  | 477  | 470  | 470  |
| 70         | 375              | 373  | 365  | 359  | 357  |
| 75         | 258              | 258  | 250  | 247  | 245  |
| 80         | 153              | 150  | 146  | 143  | 145  |
| 85         | 66               | 64   | 61   | 59   | 58   |
| 90         | 0                | 0    | 0    | 0    | 0    |

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

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45               | 28469         | 28277          | 27921          |
| 55               | 27516         | 27172          | 26738          |
| 65               | 26044         | 25293          | 24939          |
| 75               | 22355         | 21618          | 21227          |
| 85               | 17058         | 15632          | 14873          |

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

## Applications & Certificates

**Construction:** 6063-T5 Extruded aluminum housing. Highly reflective die-formed white painted reflector.

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

**Mounting:** Aircraft cable, wall and surface mount available. The aircraft cable that 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.

**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. Lifetime Projection L70 = 254,800 hours and L90 = 80,200 hours. MacAdam 3-Step Ellipses. For all available IES files, please visit our website at [pinnacle-ltg.com](http://pinnacle-ltg.com).

**CRI, CCT & 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 INTEGRAL Driver Option is EL1. All other driver options will be in remote box. EL1 designed for use with 120v or 277v only. 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 128°F/54°C. When ND is specified, a spec grade driver will be provided. For more driver options, see Pinnacle Resource Guide. Some configurations will not accommodate all driver options.

**Circuiting:** Select from single circuit (1), Multi circuit (M), Emergency circuit (E) 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 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, textured black, graphite 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:** 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:** UL and cUL 1598 listed. Standard and HO lumen packages are approved for dry/damp location unless otherwise noted.

**Fixture Weight:** Maximum fixture weight is 10 lbs for a standard 4' fixture.

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