

# EDGE EX6

6" Suspended Direct Linear

## Key Features

- 6063-T5 Extruded aluminum housing
- Highly reflective die-formed white painted reflector
- Wiring access available through bottom of housing
- 5-year limited warranty covers LED, driver and fixture
- UL and cUL listed
- Approved for dry/damp location unless otherwise noted



Example Part #: EX6-A-N-830HO-26'-AC48G1-U-FSD-1-0-W

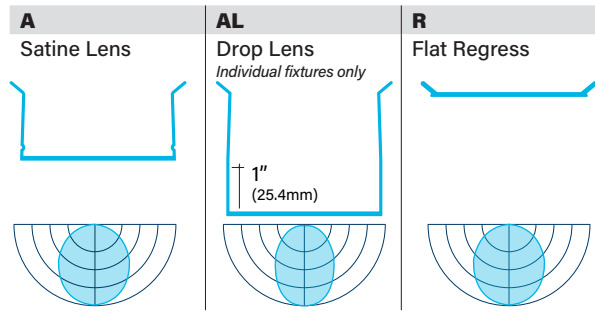
| EX6   | -  | -  | -  | -        | -       | -      | -          | -                   | -      | -               | -        |
|---|--|--|--|----------|---------|--------|------------|---------------------|--------|-----------------|----------|
| DIRECT SHIELDING  | INDIRECT SHIELDING   | CRI, CCT & OUTPUT  | LENGTH OR PATTERN  | MOUNTING | VOLTAGE | DRIVER | CIRCUITING | BATTERY & EMERGENCY | FINISH | FIXTURE OPTIONS | CONTROLS |
| ---   | N  | ---  | ---  | ---      | ---     | ---    | ---        | ---                 | ---    | ---             | ---      |
| DIRECT SHIELDING  | INDIRECT SHIELDING   | CRI, CCT & OUTPUT <sup>1</sup>   | LENGTH OR PATTERN <sup>2</sup>   |          |         |        |            |                     |        |                 |          |
| <b>A</b> - Satine Lens<br><b>AL</b> - Drop Lens<br><b>R</b> - Flat Regress Shielding pg. 2  | <b>N</b> - None<br>Shielding pg. 2   | <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>Lumen Output pg. 2  | <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</b> - U-Shape<br><b>M</b> - Mod Layout<br>Length and Pattern pg. 2-3 |          |         |        |            |                     |        |                 |          |
| MOUNTING <sup>3</sup>   | VOLTAGE  | DRIVER   | CIRCUITING   |          |         |        |            |                     |        |                 |          |
| <b>_AC_G_</b> - (M)AC to Grid<br><b>_AC_JB</b> - (M)AC to J Box<br><b>_AC_ST</b> - (M)AC to Structure<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><b>WA</b> - Wall Mount<br><b>S</b> - Surface Mount<br>Mounting pg. 3 | <b>U</b> - Universal (120 thru 277V)<br><b>1</b> - 120V<br><b>2</b> - 277V<br><b>3</b> - 347V<br>Voltage pg. 4   | <b>FSD</b> - Factory Select Driver (1%, 0-10v)<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>PS1</b> - Advance Xitanium (50%/100%)<br>Driver pg. 4 | <b>1</b> - Single Circuit<br><b>M</b> - Multi Circuit<br><b>E</b> - Emergency (entire fixture)<br><b>N</b> - Night Light (entire fixture)<br>Circuiting pg. 4  |          |         |        |            |                     |        |                 |          |
| BATTERY & EMERGENCY <sup>4</sup>  | FINISH   | FIXTURE OPTIONS <sup>5,6</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>Battery and Emergency pg. 4-5   | <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>Finish pg. 5 | <b>MRF</b> - Fixed MR16 (Halogen)<br><b>LMRF</b> - Fixed MR16 (LED)<br><b>XLED</b> - Fixed Xicato (LED)<br><b>MRA</b> - Adjustable MR16 (Halogen)<br><b>DSP</b> - Customer Supplied Battery/Driver/Sensor<br><b>LMRA</b> - Adjustable MR16 (LED)<br><b>BA</b> - Buy America(n) Act and/or Build America Buy America Compliant<br>Fixture Options pg. 5   | Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.  |          |         |        |            |                     |        |                 |          |

<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' & 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 Cable: Standard single AC = AC or Movable AC = MAC; Specify AC length standard AC is 48"; Specify grid: G1=15/16", G9=9/16", GS=Screw Slot. Example: AC48G1 "Enter quantity for Battery and Emergency, Example 2PLL. <sup>5</sup>MRF, and LMRF options not available with 277v. <sup>6</sup>Compliance is configuration dependent; consult factory for confirmation.

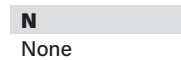
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## Direct Shielding



## Indirect Shielding



## 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 watts between standard offering listed below                                       |

### 80 CRI

|              | Color | Output   | Watts<br>per foot | Shielding<br><b>A</b><br>Satine |      | <b>AL</b><br>Drop |       | <b>R</b><br>Flat Regress |      |
|--------------|-------|----------|-------------------|---------------------------------|------|-------------------|-------|--------------------------|------|
|              |       |          |                   | Lumens/ft                       | LPW  | Lumens/ft         | LPW   | Lumens/ft                | LPW  |
| <b>830</b>   | 3000K | Standard | 4.6               | 421                             | 91.0 | 469               | 101.4 | 421                      | 91.0 |
| <b>830HO</b> | 3000K | High     | 8.5               | 779                             | 91.4 | 866               | 101.5 | 779                      | 91.4 |
| <b>835</b>   | 3500K | Standard | 4.6               | 433                             | 93.6 | 483               | 104.3 | 433                      | 93.6 |
| <b>835HO</b> | 3500K | High     | 8.5               | 801                             | 94.0 | 890               | 104.4 | 801                      | 94.0 |
| <b>840</b>   | 4000K | Standard | 4.6               | 441                             | 95.4 | 492               | 106.3 | 441                      | 95.4 |
| <b>840HO</b> | 4000K | High     | 8.5               | 817                             | 95.8 | 907               | 106.4 | 817                      | 95.8 |

### 90 CRI

|              |       |          |     |     |      |     |      |     |      |
|--------------|-------|----------|-----|-----|------|-----|------|-----|------|
| <b>927</b>   | 2700K | Standard | 4.6 | 332 | 71.8 | 371 | 80.1 | 332 | 71.8 |
| <b>927HO</b> | 2700K | High     | 8.5 | 615 | 72.1 | 684 | 80.2 | 615 | 72.1 |
| <b>930</b>   | 3000K | Standard | 4.6 | 388 | 83.9 | 432 | 93.4 | 388 | 83.9 |
| <b>930HO</b> | 3000K | High     | 8.5 | 718 | 84.2 | 798 | 93.6 | 718 | 84.2 |
| <b>935</b>   | 3500K | Standard | 4.6 | 390 | 84.3 | 434 | 93.8 | 390 | 84.3 |
| <b>935HO</b> | 3500K | High     | 8.5 | 721 | 84.6 | 801 | 94.0 | 721 | 84.6 |
| <b>940</b>   | 4000K | Standard | 4.6 | 394 | 85.2 | 439 | 94.9 | 394 | 85.2 |
| <b>940HO</b> | 4000K | High     | 8.5 | 729 | 85.5 | 810 | 95.0 | 729 | 85.5 |

## Length

- All individual units cannot be joined, end plates are factory installed and cannot be removed
- For continuous runs, add 1/4" (6.4mm) for each end plate or 1/2" (12.7mm) to the overall length of the row
- For patterns, refer to Pattern section on next page

| 2                     | 3              | 4              | 5              | 6              | 8              | —   |
|-----------------------|----------------|----------------|----------------|----------------|----------------|---|
| 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)        |                |                |                |                |                |   |
| 96" (2438.4mm)        |                |                |                |                |                |   |
| Specify to the 1' >>> |                |                |                |                |                |   |

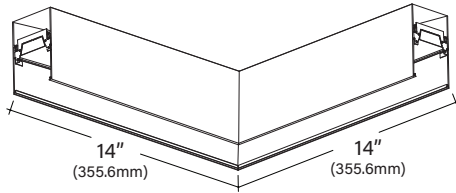
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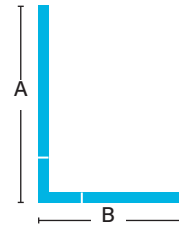
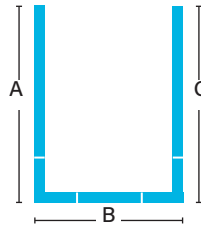
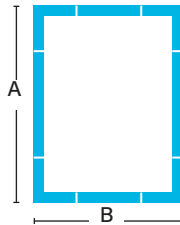
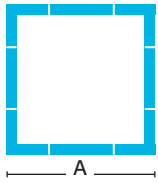


## Pattern



- 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 14"x14" (overall, outside dimension)
- Angles and shapes not shown require Mod Pattern; consult factory
- Only available with "A" lens options
- Not all drivers available with all patterns; consult factory

| S_   | R x   | U x x  | L x   | M  |
|--|---|--|---|--|
| Square<br>Provide A dimension<br>Example: <b>S4'</b><br>Nominal Lengths 4'x4'<br>Minimal Length- 4'4"x4'4" | Rectangle<br>Provide AxB dimensions<br>Example: <b>R4'x4'</b><br>Nominal Lengths 4'x4'<br>Minimal Length- 4'4"x4'4" | U-Shape<br>Provide AxBxC dimensions<br>Example: <b>U3'x4'x2'</b><br>Nominal Lengths 3'x4'x3'<br>Minimal Length- 4'4"x3'2"x3'2" | L-Shape<br>Provide AxB dimensions<br>Example: <b>L3'x3'</b><br>Nominal Lengths 3'x3'<br>Minimal Length- 3'2"x3'2" | Mod Layout<br>For patterns or lengths not shown<br>or standard |

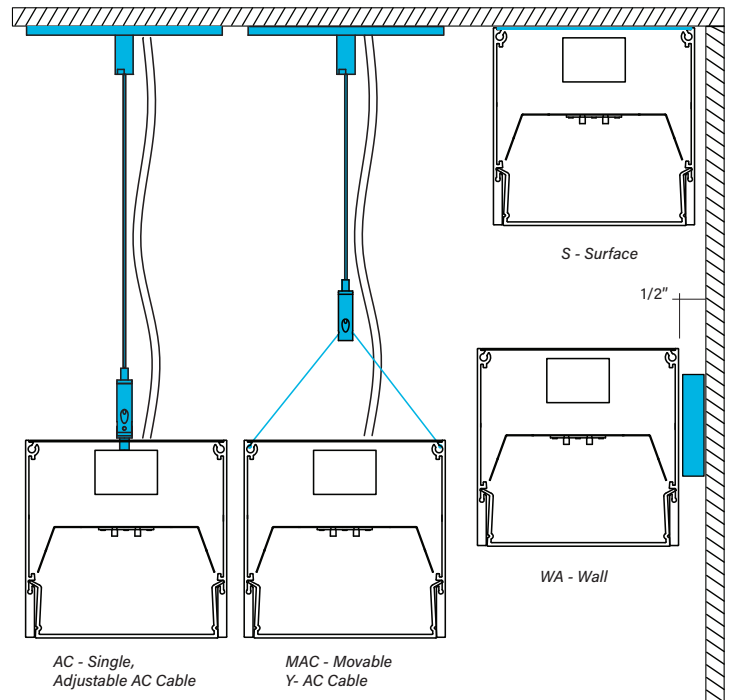


## Mounting

- Specify cable length in ordering code (AC48G1)
- Standard adjustable cable. Specify 48", 120", 240" or 350"
- End trims 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 and pendants match fixture finish, power cords are white or black depending on fixture finish. See Finish section for additional details.
- Approved for dry/damp location unless otherwise noted
- Refer to installation instructions during installation at the job site
- Maximum fixture weight is 25 lbs for a standard 4' fixture

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





## Voltage

- Some EX6 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 EX6 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                   |

### DALI Drivers

|            |  |
|------------|--|
| <b>EE3</b> | eldoLED ECOdrive 1%, DALI 2, Logarithmic, DT6    |
| <b>ES3</b> | eldoLED SOLOdrive 0.1%, DALI 2, Logarithmic, DT6 |

### 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 |

## How to specify Circuiting, Battery and Emergency

1

- Select fixture circuiting from options below
- Some EX6 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 EX6 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 2PLL*
- 90 minute battery runtime; test button is remote to fixture and requires an additional drop
- No battery option available for 2' lengths

- Entire direct fixture housing is on battery for lengths up to 5'
- Half of direct fixture is on battery for 6' or 8' housing lengths
- For more battery options available, see Pinnacle Resource Guide

|               |  |
|---------------|--|
| <b>0</b>      | No Battery                                 |
| <b>_FSB</b>   | Factory Select Battery (10w option)        |
| <b>_FSBST</b> | Factory Select Battery (10w, Self Testing) |
| <b>_ILL</b>   | Iota 10w Integral Lithium, Self Testing    |
| <b>_PLL</b>   | Bodine 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 Control Device, UNV         |
| <b>_GB</b>  | Bodine GTD, Emergency Control Device, 120v or 277v |
| <b>_E</b>   | Emergency circuit section                          |
| <b>_N</b>   | Night Light circuit section                        |
| <b>_L</b>   | Life Safety circuit section NO THROUGH WIRE        |

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

## Fixture Options

- Additional options to enhance the fixture and finish of the product
- Consult factory for MR16 configurations

|             |   |
|-------------|---|
| <b>MRF</b>  | Fixed MR16 Halogen                      |
| <b>LMRF</b> | Fixed MR16 LED                          |
| <b>XLED</b> | Fixed Xicato LED                        |
| <b>MRA</b>  | Adjustable MR16 Halogen                 |
| <b>DSP</b>  | Customer Supplied Battery/Driver/Sensor |
| <b>LMRA</b> | Adjustable MR16 LED                     |

- 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

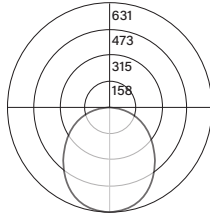
- Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.



## Photometrics

### Satine Lens

Test # ITL86802  
Catalog # EX6A-840-4  
Lumens 1724 lm  
Watts 18.5 W  
Efficacy 93 LPW



### Candela Distribution

| Vert<br>Angle | Horizontal Angle |      |     |      |     |
|---------------|------------------|------|-----|------|-----|
|               | 0                | 22.5 | 45  | 67.5 | 90  |
| 0             | 631              | 631  | 631 | 631  | 631 |
| 5             | 627              | 627  | 627 | 627  | 627 |
| 10            | 619              | 616  | 616 | 616  | 615 |
| 15            | 602              | 598  | 599 | 599  | 596 |
| 20            | 582              | 575  | 578 | 575  | 574 |
| 25            | 553              | 546  | 548 | 545  | 543 |
| 30            | 521              | 514  | 516 | 512  | 508 |
| 35            | 483              | 476  | 477 | 473  | 470 |
| 40            | 442              | 436  | 436 | 432  | 429 |
| 45            | 399              | 393  | 393 | 389  | 386 |
| 50            | 354              | 350  | 348 | 344  | 343 |
| 55            | 308              | 304  | 303 | 300  | 298 |
| 60            | 261              | 257  | 256 | 254  | 253 |
| 65            | 213              | 211  | 209 | 207  | 207 |
| 70            | 167              | 165  | 163 | 162  | 162 |
| 75            | 121              | 119  | 118 | 118  | 118 |
| 80            | 78               | 77   | 76  | 75   | 75  |
| 85            | 38               | 37   | 37  | 36   | 36  |
| 90            | 0                | 0    | 0   | 0    | 0   |

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

| Angle In<br>Degrees | Average<br>0-Deg | Average<br>45-Deg | Average<br>90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45                  | 3722             | 3666              | 3599              |
| 55                  | 3535             | 3477              | 3418              |
| 65                  | 3321             | 3257              | 3225              |
| 75                  | 3087             | 3009              | 3009              |
| 85                  | 2851             | 2774              | 2697              |

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

## Applications & Certificates

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

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

**Mounting:** Aircraft cable and wall mount available. Select from 2 aircraft cable options. Select the straight aircraft cable that mounts on 4'-0" (1219.2mm) and 8'-0" (2438.4mm) centers or the moveable adjustable Y-cable mount. The Y-Cable design allows for adjustable mounting locations. Aircraft Cable supplied with 5" (127mm) power and 2" (50.8mm) non-power canopies. Refer to installation instructions for appropriate ceiling detail.

**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. L70 = 136,200 hours and L90 = 41,100 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).

**CRI, CCT & Output:** 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. 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 OL4 in Driver section when 347 volt (3) is selected. Some EX 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 127°F/53°C. For more driver options, see Pinnacle Resource Guide. Some EX 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.

**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. For LED and Halogen lamps (lamps are not included). Consult factory for other lamp types. Standard 60 watt max LED electronic transformer (120v), 50 watt max halogen lamp electronic transformer (120v), MR16 installed as an independent circuit. MR16 to match fixture voltage. 277v not available. Consult factory for MR16 configurations. Pinnacle's MR16 applications are to be used with Soraa lamps with a maximum of 13 transformers on one circuit.

**Controls:** Consult 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 25 lbs. for a standard 4' fixture.

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