# Key Features

- 6063-T6 Extruded aluminum housing
- Highly reflective die-formed white painted reflector
- Room side maintenance for LED system
- 5-year limited warranty covers LED, driver and fixture
- ETL listed conforming to UL 1598 in US and CSA 250 in Canada
- Approved for dry/damp location unless otherwise noted
- Maximum weight is 20 lbs. for a standard 4’ fixture
- Buy American Act compliant
- Run lengths available to an 1/8”

## 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.

**EX2D - 2” Suspended Direct Linear**

<table>
<thead>
<tr>
<th>DIRECT SHIELDING</th>
<th>INDIRECT SHIELDING</th>
<th>SOURCE</th>
<th>LENGTH OR PATTERN</th>
<th>MOUNTING</th>
<th>VOLTAGE</th>
<th>DRIVER</th>
<th>CIRCUITING</th>
<th>BATTERY &amp; EMERGENCY</th>
<th>FINISH</th>
<th>FIXTURE OPTIONS</th>
<th>CONTROLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>N</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DIRECT SHIELDING**

- A - Satine Lens
- AL - Drop Lens
- HE - High Efficiency
- BW - Batwing
- WHE - Asymmetric
- HED - Descent

**INDIRECT SHIELDING**

- N - None

**SOURCE**

- 27 - 2700K
- 30 - 3000K
- 35 - 3500K (available as BIOS)
- 40 - 4000K (available as BIOS)

**Length and Pattern**

- Individual Fixture
- Square
- Rectangle
- L - U-Shape
- T - X-Shape
- M - Mod Layout

**MOUNTING**

- Universal (120 thru 277V)
- 1 - 120V
- 2 - 277V
- 3 - 347V

**CIRCUITING**

- Single Circuit
- Multi Circuit
- Emergency (entire fixture)

**FINISH**

- White
- Metallic Silver
- Textured Black
- Bronze
- Graphite
- Custom Color

**EXAMPLE PART #:** EX2D-HE-N-830HO-26’-AC48G1-U-OL1-1-0-W

**Example Part #:** EX2D-HE-N-830HO-26’-AC48G1-U-OL1-1-0-W
### Direct Shielding

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>AL</th>
<th>HE</th>
<th>BW</th>
<th>WHE</th>
<th>HED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satine Lens</td>
<td>Drop Lens (foot lengths only)</td>
<td>High Efficiency</td>
<td>Batwing</td>
<td>Asymmetric</td>
<td>Descent</td>
<td></td>
</tr>
</tbody>
</table>

### Indirect Shielding

- **N** None

---

### Custom Output - Lumens OR Wattage

- **CL** Specify CRI, CCT and desired lumens (i.e. CL835500)
- **CW** Specify lumens between standard offering listed below. Lumens are specified per color temp
- **CLB** Specify CRI, CCT and desired wattage (i.e. CW9407)
- **CWB** Specify watts between standard offering listed below

#### 80 CRI

<table>
<thead>
<tr>
<th>Color</th>
<th>Lumens</th>
<th>Shielding&lt;sup&gt;1&lt;/sup&gt;</th>
<th>A Satine LPW</th>
<th>AL Drop LPW</th>
<th>HE High Efficiency LPW</th>
<th>BW Batwing LW</th>
<th>WHE Asymmetric LPW</th>
<th>HED Descent LPW</th>
</tr>
</thead>
<tbody>
<tr>
<td>830K</td>
<td>500</td>
<td>A</td>
<td>98</td>
<td>100</td>
<td>116</td>
<td>113</td>
<td>113</td>
<td>96</td>
</tr>
<tr>
<td>830HO</td>
<td>750</td>
<td>A</td>
<td>99</td>
<td>101</td>
<td>118</td>
<td>115</td>
<td>115</td>
<td>95</td>
</tr>
<tr>
<td>830VHO</td>
<td>1000</td>
<td>A</td>
<td>101</td>
<td>97</td>
<td>111</td>
<td>114</td>
<td>117</td>
<td>98</td>
</tr>
<tr>
<td>835</td>
<td>500</td>
<td>A</td>
<td>101</td>
<td>103</td>
<td>119</td>
<td>117</td>
<td>116</td>
<td>101</td>
</tr>
<tr>
<td>835HO</td>
<td>750</td>
<td>A</td>
<td>102</td>
<td>104</td>
<td>120</td>
<td>118</td>
<td>118</td>
<td>100</td>
</tr>
<tr>
<td>840</td>
<td>500</td>
<td>A</td>
<td>102</td>
<td>104</td>
<td>122</td>
<td>119</td>
<td>119</td>
<td>100</td>
</tr>
<tr>
<td>840HO</td>
<td>1000</td>
<td>A</td>
<td>105</td>
<td>107</td>
<td>118</td>
<td>119</td>
<td>119</td>
<td>100</td>
</tr>
</tbody>
</table>

#### 90 CRI

<table>
<thead>
<tr>
<th>Color</th>
<th>Lumens</th>
<th>Shielding&lt;sup&gt;1&lt;/sup&gt;</th>
<th>A Satine LPW</th>
<th>AL Drop LPW</th>
<th>HE High Efficiency LPW</th>
<th>BW Batwing LW</th>
<th>WHE Asymmetric LPW</th>
<th>HED Descent LPW</th>
</tr>
</thead>
<tbody>
<tr>
<td>927</td>
<td>500</td>
<td>A</td>
<td>82</td>
<td>84</td>
<td>98</td>
<td>97</td>
<td>97</td>
<td>79</td>
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<tr>
<td>927HO</td>
<td>750</td>
<td>A</td>
<td>83</td>
<td>84</td>
<td>99</td>
<td>97</td>
<td>97</td>
<td>82</td>
</tr>
<tr>
<td>930</td>
<td>500</td>
<td>A</td>
<td>84</td>
<td>86</td>
<td>101</td>
<td>99</td>
<td>99</td>
<td>82</td>
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<tr>
<td>930HO</td>
<td>750</td>
<td>A</td>
<td>85</td>
<td>87</td>
<td>102</td>
<td>100</td>
<td>100</td>
<td>82</td>
</tr>
<tr>
<td>935</td>
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<td>86</td>
<td>88</td>
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<td>101</td>
<td>101</td>
<td>84</td>
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<tr>
<td>935HO</td>
<td>750</td>
<td>A</td>
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<td>89</td>
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<td>102</td>
<td>84</td>
</tr>
<tr>
<td>940</td>
<td>500</td>
<td>A</td>
<td>86</td>
<td>87</td>
<td>103</td>
<td>101</td>
<td>100</td>
<td>83</td>
</tr>
<tr>
<td>940HO</td>
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<td>105</td>
<td>107</td>
<td>119</td>
<td>119</td>
<td>119</td>
<td>100</td>
</tr>
</tbody>
</table>

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

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

#### Custom Output - Lumens OR Wattage

- **CLB** Specify lumens between standard offering listed below. Lumens are specified per color temp
- **CWB** Specify watts between standard offering listed below

#### BIOS

<table>
<thead>
<tr>
<th>Color</th>
<th>Lumens per foot</th>
<th>Shielding&lt;sup&gt;1&lt;/sup&gt;</th>
<th>A Satine LPW</th>
<th>AL Drop LPW</th>
<th>HE High Efficiency LPW</th>
<th>BW Batwing LW</th>
<th>WHE Asymmetric LPW</th>
<th>HED Descent LPW</th>
</tr>
</thead>
<tbody>
<tr>
<td>835</td>
<td>500</td>
<td>A</td>
<td>12.4</td>
<td>12.2</td>
<td>12.2</td>
<td>12.2</td>
<td>12.2</td>
<td>12.2</td>
</tr>
<tr>
<td>835HO</td>
<td>750</td>
<td>A</td>
<td>12.4</td>
<td>12.2</td>
<td>12.2</td>
<td>12.2</td>
<td>12.2</td>
<td>12.2</td>
</tr>
<tr>
<td>840</td>
<td>500</td>
<td>A</td>
<td>7.9</td>
<td>7.6</td>
<td>7.6</td>
<td>7.6</td>
<td>7.6</td>
<td>7.6</td>
</tr>
<tr>
<td>840HO</td>
<td>750</td>
<td>A</td>
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<td>7.6</td>
<td>7.6</td>
<td>7.6</td>
<td>7.6</td>
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</tr>
</tbody>
</table>

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<sup>1</sup>L PW and watts/ft based off 48" fixture size.

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EX2D_LED_SPEC_MARCH2020
Source: Blanco ¹

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

### Blanco 3 Tunable White (TW3)

<table>
<thead>
<tr>
<th>Range</th>
<th>Shielding ¹</th>
<th>A</th>
<th>HE</th>
<th>BW</th>
</tr>
</thead>
<tbody>
<tr>
<td>2700-6500K</td>
<td>Satine</td>
<td>627</td>
<td>8.5</td>
<td>747</td>
</tr>
<tr>
<td>24-3/8&quot; (619.1mm)</td>
<td>High Efficiency</td>
<td>74</td>
<td>8.5</td>
<td></td>
</tr>
<tr>
<td>36-3/8&quot; (934.8mm)</td>
<td>Batwing</td>
<td>731</td>
<td>8.5</td>
<td></td>
</tr>
<tr>
<td>48-3/8&quot; (1228.7mm)</td>
<td></td>
<td>731</td>
<td>8.5</td>
<td></td>
</tr>
<tr>
<td>60-3/8&quot; (1533.5mm)</td>
<td></td>
<td>731</td>
<td>8.5</td>
<td></td>
</tr>
<tr>
<td>72-3/8&quot; (1838.3mm)</td>
<td></td>
<td>731</td>
<td>8.5</td>
<td></td>
</tr>
<tr>
<td>84-3/8&quot; (2143.1mm)</td>
<td></td>
<td>731</td>
<td>8.5</td>
<td></td>
</tr>
<tr>
<td>96-3/8&quot; (2447.9mm)</td>
<td></td>
<td>731</td>
<td>8.5</td>
<td></td>
</tr>
</tbody>
</table>

¹LPW and watts/ft based off 48" fixture size.

### Length

- For Continuous Runs, add 3/16" (4.7mm) for each end plate or 3/8" (9.5mm) to the overall length of the row
- BIOS and Blanco3 are only available in foot lengths

<table>
<thead>
<tr>
<th>Indiv. Fixture</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>24-3/8&quot; (619.1mm)</td>
<td>24-3/8&quot; (619.1mm)</td>
<td>24-3/8&quot; (619.1mm)</td>
<td>24-3/8&quot; (619.1mm)</td>
<td>24-3/8&quot; (619.1mm)</td>
<td>24-3/8&quot; (619.1mm)</td>
<td>24-3/8&quot; (619.1mm)</td>
<td></td>
</tr>
<tr>
<td>36-3/8&quot; (934.8mm)</td>
<td>36-3/8&quot; (934.8mm)</td>
<td>36-3/8&quot; (934.8mm)</td>
<td>36-3/8&quot; (934.8mm)</td>
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<td>36-3/8&quot; (934.8mm)</td>
<td>36-3/8&quot; (934.8mm)</td>
<td></td>
</tr>
<tr>
<td>48-3/8&quot; (1228.7mm)</td>
<td>48-3/8&quot; (1228.7mm)</td>
<td>48-3/8&quot; (1228.7mm)</td>
<td>48-3/8&quot; (1228.7mm)</td>
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<td>48-3/8&quot; (1228.7mm)</td>
<td></td>
</tr>
<tr>
<td>60-3/8&quot; (1533.5mm)</td>
<td>60-3/8&quot; (1533.5mm)</td>
<td>60-3/8&quot; (1533.5mm)</td>
<td>60-3/8&quot; (1533.5mm)</td>
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<td>60-3/8&quot; (1533.5mm)</td>
<td>60-3/8&quot; (1533.5mm)</td>
<td></td>
</tr>
<tr>
<td>72-3/8&quot; (1838.3mm)</td>
<td>72-3/8&quot; (1838.3mm)</td>
<td>72-3/8&quot; (1838.3mm)</td>
<td>72-3/8&quot; (1838.3mm)</td>
<td>72-3/8&quot; (1838.3mm)</td>
<td>72-3/8&quot; (1838.3mm)</td>
<td>72-3/8&quot; (1838.3mm)</td>
<td></td>
</tr>
<tr>
<td>84-3/8&quot; (2143.1mm)</td>
<td>84-3/8&quot; (2143.1mm)</td>
<td>84-3/8&quot; (2143.1mm)</td>
<td>84-3/8&quot; (2143.1mm)</td>
<td>84-3/8&quot; (2143.1mm)</td>
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<td>84-3/8&quot; (2143.1mm)</td>
<td></td>
</tr>
<tr>
<td>96-3/8&quot; (2447.9mm)</td>
<td>96-3/8&quot; (2447.9mm)</td>
<td>96-3/8&quot; (2447.9mm)</td>
<td>96-3/8&quot; (2447.9mm)</td>
<td>96-3/8&quot; (2447.9mm)</td>
<td>96-3/8&quot; (2447.9mm)</td>
<td>96-3/8&quot; (2447.9mm)</td>
<td></td>
</tr>
</tbody>
</table>

### 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 available with "A" or "HE" lens options
- Mod Layout
  - For patterns or lengths not shown or standard

### Specifications

- LPW and watts/ft based off 48" fixture size.
- For Continuous Runs, add 3/16" (4.7mm) for each end plate or 3/8" (9.5mm) to the overall length of the row.

#### Horizontal Details

- Every Connection is 12" x 12" in Overall Dimension

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pg. 3
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.

**Mounting**
- Specify cable length in ordering code (AC48G1)
- Standard adjustable cable. Specify 48", 120", 240" or 350"
- End plates and power cord attached at factory
- Aircraft cable (AC) mounts on 4' (1219.2mm) and 8' (2438.4mm) centers
- Maximum recommended movable mounting locations are 12" from end of 4' fixture and 18" from end of 8' fixture

**Voltage**
- Some EX2D configurations will not accommodate all voltage options; consult with factory

<table>
<thead>
<tr>
<th>U</th>
<th>Universal</th>
<th>1</th>
<th>120 volt</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>277 volt</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>347 volt</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Driver**
- Standard Driver Option = OL1
- Driver Lifetime: 50,000 hours at 25°C ambient operating conditions
- For more driver options see Pinnacle Resource Guide
- Some EX2D configurations will not accommodate all driver options; consult with factory

<table>
<thead>
<tr>
<th>OL1</th>
<th>Osram Optotronic 10%, 0-10v</th>
</tr>
</thead>
<tbody>
<tr>
<td>OL2</td>
<td>Osram Optotronic 1%, 0-10v, nominal 1% dimming range</td>
</tr>
<tr>
<td>OL3</td>
<td>Osram Optotronic 347v 10%, 0-10v, requires 347v option</td>
</tr>
<tr>
<td>OL5</td>
<td>Osram Optotronic 1%, 0-10v, AUX</td>
</tr>
<tr>
<td>OD1</td>
<td>Osram Optotronic 1%, DEXAL</td>
</tr>
<tr>
<td>EE1</td>
<td>eldoLED ECOdrive 1%, 0-10v Logarithmic</td>
</tr>
<tr>
<td>EE6</td>
<td>eldoLED ECOdrive 1%, for nLight Air Wireless</td>
</tr>
<tr>
<td>ES1</td>
<td>eldoLED SOLODrive 0%, 0-10v Logarithmic</td>
</tr>
<tr>
<td>ES6</td>
<td>eldoLED SOLODrive 0%, for nLight Air Wireless</td>
</tr>
<tr>
<td>LH1</td>
<td>Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1</td>
</tr>
<tr>
<td>LS1</td>
<td>Lutron 5-Series 5%, EcoSystem, LDE5</td>
</tr>
<tr>
<td>PL2</td>
<td>Philips Advance Xitanium 1%, 0-10v</td>
</tr>
<tr>
<td>PR1</td>
<td>Philips Advance Xitanium 5R, requires EASY, VDO, or VRF</td>
</tr>
<tr>
<td>EC2</td>
<td>Constant Voltage LED driver, 120v or 277v required</td>
</tr>
<tr>
<td>ND</td>
<td>Non-Dimming</td>
</tr>
</tbody>
</table>

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

**AC Cable supplied with 5” (127mm) power and 2” (50.8mm) non-power canopies**
- Canopies and pendants match fixture finish, power cords are white, grey, or black depending on fixture finish. See Finish section for additional details.
- Approved for dry/damp location unless otherwise noted
- Refer to installation instructions during installation at the job site
- Maximum fixture weight is 20 lbs for a standard 4’ fixture
How to Specify Circuiting, Battery and Emergency

1. Select fixture circuiting from options below
   - Some EX2D configurations will not accommodate all circuiting options, consult factory

Circuiting

<table>
<thead>
<tr>
<th>1</th>
<th>Single Circuit</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>Multi Circuit</td>
</tr>
<tr>
<td>E</td>
<td>Emergency Circuit only</td>
</tr>
<tr>
<td>N</td>
<td>Night Light Circuit only</td>
</tr>
</tbody>
</table>

2. Battery and emergency section options are available in addition to fixture circuit
   - Select battery and emergency section options below; factory shop drawing required
   - Some EX2D configurations will not accommodate all circuiting options, consult with factory

Battery and/or Emergency

If Required

| 0 | No battery or specific emergency section required |

Battery

- Select battery section type if required, indicate total QTY. Example 2PL
- 90 minute battery runtime; test button location dependant on configuration, consult factory
- 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

Battery OR Emergency Ordering Examples

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

Combination Section Ordering Examples

- Single circuit, (1) 10w battery, (1) emergency section
  - Ordering Code: 1-1PL1E
- Multi circuit, (2) 10w battery, (2) emergency sections
  - Ordering Code: M-2PL2E
- Single circuit, (1) night light section
  - Ordering Code: 1-1N

For Approximate Battery Lumen Output

- Multiply battery wattage X fixture LPW shown on Lumen Table
- $92.3 \times 10 = 923$ 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

Emergency circuit section

- _E: Emergency
- _N: Night Light
- _L: Life Safety circuit section NO THROUGH WIRE
- _G: Philips Bodine GTD, Generator Transfer Device section

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

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

Fixture Options

- Additional options to enhance the fixture and finish of the product
- Specify CC-C to match housing. If not specified, canopy will be standard matte white

QS | Quick Ship

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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### Fixture Options Continued

#### Quick Ship

<table>
<thead>
<tr>
<th>Shielding</th>
<th>CRI, CCT &amp; Output</th>
<th>Mounting</th>
<th>Voltage</th>
<th>Driver</th>
<th>Circuiting</th>
<th>Battery</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>A HE BW WHE</td>
<td>80 CRI, all color temperatures, all lumen packages See pg 2</td>
<td>(M)AC to Grid (M)AC to J-BOX (M)AC to Structure Wall Mount Surface Mount</td>
<td>Universal (120-277) 120V 277V</td>
<td>OL1 1 OL2 PL2 LH1 ND</td>
<td>Single Circuit Emergency Night Light</td>
<td>None</td>
<td>WEL SBL White Silver Black</td>
</tr>
</tbody>
</table>

All lengths and continuous rows up to 1,000 ft OR 150 individual fixtures. Black QuickShip only available in 4', 6', and 8' individual lengths. 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 fixture 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/sensor per run typical, contact factory for more information**

#### Controls: Tunable White

- **Pinnacle Lighting offers easy to specify tunable white solutions for integrated building control solutions or standalone controls**
- **Pinnacle Lighting fixtures ship technology ready; commissioning by others**
- **Controls can only be used with Single Circuit (1) or Emergency Circuit (E)**
- **Contact factory for any non-standard configurations for layout or placement**

#### Photometrics

**Satine Lens**

<table>
<thead>
<tr>
<th>Test #</th>
<th>Catalog #</th>
<th>Lumens</th>
<th>Watts</th>
<th>Efficacy</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITL91441</td>
<td>EX2D-A-840WHD-4</td>
<td>3986 lm</td>
<td>37.5 W</td>
<td>106 LPW</td>
</tr>
</tbody>
</table>

**Candela Distribution**

<table>
<thead>
<tr>
<th>Vert Angle</th>
<th>0</th>
<th>22.5</th>
<th>45</th>
<th>67.5</th>
<th>90</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horizontal Angle</td>
<td>1415</td>
<td>1415</td>
<td>1415</td>
<td>1415</td>
<td>1415</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Angle In Degrees</th>
<th>Average 0-Deg</th>
<th>Average 45-Deg</th>
<th>Average 90-Deg</th>
</tr>
</thead>
<tbody>
<tr>
<td>45</td>
<td>19610</td>
<td>19241</td>
<td>18913</td>
</tr>
<tr>
<td>55</td>
<td>18997</td>
<td>18416</td>
<td>17986</td>
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<tr>
<td>65</td>
<td>17760</td>
<td>16971</td>
<td>16422</td>
</tr>
<tr>
<td>75</td>
<td>15115</td>
<td>14052</td>
<td>13380</td>
</tr>
<tr>
<td>85</td>
<td>9897</td>
<td>8312</td>
<td>7814</td>
</tr>
</tbody>
</table>

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.

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PG 6
Applications & Certificates


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. Canopies are painted white unless otherwise specified. Maximum fixture weight is 20 lbs. for a standard 4’ fixture.

White LED: 25°C test environment. Lumen output/wattage has a margin of +/- 5%; 2’ or 3’ lengths may have a greater wattage deviation. All luminaire configurations tested in accordance with IES LM-79. Diodes tested in accordance with IES LM-80. Lifetime calculated using IES TM-21. Minimum lifetime greater than 60,000 hours. Lifetime Projection L70 = 146,500 hours and L90 = 45,000 hours. MacAdam 3-Step Ellipses. Not all products are Lighting Facts listed. For all available IES files, please visit our website at pinnacle-ltg.com. Three lumen packages available. Standard, High (HO) and Very High (VHO). Custom outputs are available. Specify custom lumens or watts between standard offering listed on CRI, CCT & Output page. 80 CRI is available for 3000K, 3500K, and 4000K. 90 CRI is available for 2700K, 3000K, 3500K, and 4000K. 80 CRI = R9 ≥ 19 and 90 CRI = R9 ≥ 61.

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

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

Voltage: Universal (U), 120 volt (1), 277 volt (2) and 347 volt (3) options available. Must specify OL3 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 Osram 0-10V, 10% = OL1. Electronic driver, Power factor is >0.9 with a THD <20%. Driver Lifetime: 50,000 hours at 25°C ambient operating conditions. Ambient operating range: -20°F/-30°C to 122°F/50°C. For more driver options, see Pinnacle Resource Guide. Some EDGE configurations will not accommodate all driver options.

Circuiting: Select from single circuit (1), Multi circuit - For multiple circuiting and zone control, requires factory shop drawing (M), Emergency circuit (E), Life Safety (L) or Night Light circuit (N). For emergency circuiting situations that require no through wire or circuit separation, Life Safety Circuit should be selected. This will provide a separate power feed and only the Life Safety Circuit in that section. Some EDGE configurations will not accommodate all circuiting options; consult with factory.

Battery & Emergency: Select battery or emergency options if required. If battery or emergency option is not required, enter 0. Battery duration is 90 minutes as standard. Test button location dependant on configuration, consult factory. For more Battery options, see Pinnacle Resource Guide.

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

Controls: DLM utilizes wired network connections for digital control through switching and dimming. nLight Air reS7 sensor provides wireless control, daylight harvesting and occupancy detection with PIR using eldoLED LED drivers. nLight Air reS7 sensor provides wireless control, daylight harvesting and occupancy detection with PDT using eldoLED LED drivers. nLight Air rIO module provides wireless control using eldoLED LED drivers. EasySense sensor provides daylight harvesting and PIR occupancy detection using the SR LED driver; the Philips app provides advanced configurations. ENCELIUM SensiLUM sensor provides wireless control, daylight harvesting and PIR occupancy; driver data is available when using the DEXAL driver. ENCELIUM SensiLUM sensor provides wireless control, daylight harvesting and PIR occupancy; driver data is available when using the DEXAL driver. Wavelinx Connected Lighting sensor provides wireless control and daylight harvesting using 0-10V LED drivers. Lutron Vive sensor provides wireless control, daylight harvesting and PIR occupancy detection using DEXAL or SR LED drivers. Lutron Vive module provides wireless control using DEXAL or SR LED drivers. Enlighted Smart Sensor provides multi-functionality including daylight harvesting and PIR occupancy; for IOT platform using 0-10V LED drivers. Enlighted Smart Sensor provides multi-functionality including daylight harvesting and PIR occupancy; for Connected platform using 0-10v LED drivers. Lutron Vive module provides wireless control using DEXAL or SR LED drivers. Lutron Vive module provides wireless control using DEXAL or SR LED drivers. Lutron Vive module provides wireless control using DEXAL or SR LED drivers.

Labels: ETL listed conforming to UL 1598 and CSA 250. Standard, HO and VHO lumen packages are IC Rated, approved for dry/damp location unless otherwise noted.

Fixture Weight: Maximum fixture weight is 20 lbs per 4’ fixture.

Buy American Act Compliant

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