**Key Features**

- Boards and driver are specifically for Indigo Clean®
- Indigo Clean® emits 405nm light which targets bacteria & produces intra-cellular Reactive Oxygen Species (ROS)
- Standard, white luminaire that provides on-demand disinfection when light is on
- Laboratory-tested disinfection
- Unlike UV disinfection, light is safe for occupants
- Proven effectiveness per independent lab test results
- Provides a cleaner, safer environment, even in areas normal cleaning doesn’t reach

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### EV3D - EDGE

**3” Recessed Linear**

<table>
<thead>
<tr>
<th>SHIELDING</th>
<th>SOURCE</th>
<th>LENGTH1</th>
<th>MOUNTING2</th>
</tr>
</thead>
<tbody>
<tr>
<td>HE - High Efficiency Lens</td>
<td>IC37 - Indigo Clean LED, 3700K&lt;br&gt;IC43 - Indigo Clean LED, 4300K</td>
<td>Individual Fixture&lt;br&gt;Continuous Row</td>
<td>G1(G) - 1” (15/16”) T Bar&lt;br&gt;G9(G) - 9/16” T Bar&lt;br&gt;GB(G) - 9/16” Bevel T Bar&lt;br&gt;GS(G) - Screw Slot T Bar&lt;br&gt;FL(F) - 1/2” Flange&lt;br&gt;NF(N) - Non Flange&lt;br&gt;SF(S) - Spackle Flange</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VOLTAGE</th>
<th>DRIVER3</th>
<th>CIRCUITING</th>
<th>BATTERY &amp; EMERGENCY4</th>
</tr>
</thead>
<tbody>
<tr>
<td>U - Universal&lt;br&gt;(120 thru 277V) 1 - 120V 2 - 277V Voltage pg. 3</td>
<td>OL1 - Osram (10%, 0-10v)&lt;br&gt;ND - Non-Dimming Driver pg. 3</td>
<td>1 - Single Circuit&lt;br&gt;M - Multi Circuit&lt;br&gt;E - Emergency (entire fixture)&lt;br&gt;N - Night Light (entire fixture) Circuiting pg. 3</td>
<td>0 - None&lt;br&gt;_P - Bodine 10W&lt;br&gt;_L - Iota 10W&lt;br&gt;_IC - Iota 10W (CEC Listed)&lt;br&gt;_E - Emergency Circuit Section&lt;br&gt;_N - Night Light Circuit Section&lt;br&gt;_L - Life Safety Circuit Section&lt;br&gt;_G - Bodine GTD Battery and Emergency pg. 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FINISH</th>
<th>FIXTURE OPTIONS</th>
<th>CONTROLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>W - White&lt;br&gt;S - Metallic Silver&lt;br&gt;BL - Textured Black&lt;br&gt;BR - Bronze&lt;br&gt;GR - Graphite&lt;br&gt;CC - Custom Color</td>
<td>CP - Chicago Plenum&lt;br&gt;PM - Perimeter Mount&lt;br&gt;RC - Rotating Crossbar&lt;br&gt;GLR - Internal Fast Blow Fuse&lt;br&gt;AM - Antimicrobial Paint</td>
<td>Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.</td>
</tr>
</tbody>
</table>

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1. Individual fixtures come in 2’, 4’, 6’ & 8’ lengths. Continuous row come in 2’ increments. Specify mounting for individual or continuous length: G1, G9, GS, FL, NF & SF for continuous rows, G1G, G9G, GSG, FLF, NFN & SFS for individual lengths. While we do offer dimmable driver options, please note that dimming is not recommended with Indigo-Clean fixtures as it can reduce the efficiency of disinfection. Enter quantity for Battery and Emergency. Example 2P.

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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**Edge EV3D Recessed Linear**

**Indigo Clean LED**

<table>
<thead>
<tr>
<th>Color</th>
<th>Watt per foot</th>
<th>Shielding</th>
<th>Lumens/ft</th>
<th>LPW</th>
</tr>
</thead>
<tbody>
<tr>
<td>IC37</td>
<td>3700K</td>
<td>High Efficiency (HE)</td>
<td>767</td>
<td>97.1</td>
</tr>
<tr>
<td>IC43</td>
<td>4300K</td>
<td>HE</td>
<td>785</td>
<td>99.4</td>
</tr>
</tbody>
</table>

**Length**
- All individual units cannot be joined, end trims are factory installed and cannot be removed.
- Continuous Rows are made up of even and odd length fixtures; designed to fall on-grid.
- Individual fixtures come in 2', 4', 6' & 8' lengths. Continuous rows come in 2' increments.

<table>
<thead>
<tr>
<th>Number of Fixtures</th>
<th>Top Length</th>
<th>Bottom Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>23&quot; (584.2mm)</td>
<td>47&quot; (1193.8mm)</td>
</tr>
<tr>
<td>4</td>
<td>47&quot; (1193.8mm)</td>
<td>71&quot; (1803.4mm)</td>
</tr>
<tr>
<td>6</td>
<td>71&quot; (1803.4mm)</td>
<td>95&quot; (2413mm)</td>
</tr>
</tbody>
</table>

**Mounting**
- Individual Units, specify G_G, FLF, SFS, NFN.
- Continuous Units, specify G_, FL, SF, NF.
- Individual units cannot be joined, end trims are factory installed and cannot be removed.
- Designed to install into acoustical grid and inaccessible ceilings.
- Grid retention brackets integral to housing and require mechanical attachment.
- Each housing contains 4 grid retention brackets.
- Tie off fixture to structure with retention wires.
- Approved for dry/damp location unless otherwise noted.

**G1G** Individual Unit
- 1" (15/16") T-Bar
- Flange to Flange: 3-13/16" (96.8mm)

**G9G** Continuous Run or Pattern
- 9/16" T-Bar
- Flange to Flange: 3-13/16" (96.8mm)

**GBG** Individual Unit
- 9/16" T-Bar
- Rail has bevel edge details. For regular tile installations, fixture position will be flush to the bottom of the tile Flange to Flange: 3-13/16" (96.8mm)

**GSG** Individual Unit
- Screw Slot & 9/16" T-Bar
- Flange to Flange: 4-1/8" (104.7mm)

**FLF** Exposed Standard
- Metal Pan or Millwork Flange to Flange: 3-7/16" (87.3mm)

**NFN** Drywall, Flangeless Detail
- Flange to Flange: 5" (127mm)

**SFS** Optional Perimeter Mounting
- Includes bracket and wall rail
Voltage
- Some EV3D configurations will not accommodate all voltage options; consult with factory

<table>
<thead>
<tr>
<th>U</th>
<th>Universal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>120 volt</td>
</tr>
<tr>
<td>2</td>
<td>277 volt</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 EV3D 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>ND</td>
<td>Non-Dimming</td>
</tr>
</tbody>
</table>

How to specify Circuiting, Battery and Emergency

1. Select fixture circuiting from options below
   - Some EV3D configurations will not accommodate all circuiting options, consult with factory

Circuiting
- Single Circuit
- Multi Circuit (Not available with controls)
- Emergency Circuit only (uses nIO EZ PH ER with NLIGHT)
- Night Light Circuit only

Battery and/or Emergency

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 EV3D configurations will not accommodate all circuiting options, consult with factory

3. Battery and emergency section options are available in addition to fixture circuit

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

<table>
<thead>
<tr>
<th>0</th>
<th>No battery</th>
</tr>
</thead>
<tbody>
<tr>
<td>_P</td>
<td>Philips Bodine 10w Integral</td>
</tr>
<tr>
<td>_I</td>
<td>Iota 10w Integral</td>
</tr>
<tr>
<td>_JC</td>
<td>Iota 10w Integral CEC Listed</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>_E</th>
<th>Emergency circuit section (NLIGHT ONLY full housing no sections)</th>
</tr>
</thead>
<tbody>
<tr>
<td>_N</td>
<td>Night Light circuit section</td>
</tr>
<tr>
<td>_L</td>
<td>Life Safety circuit section NO THROUGH WIRE</td>
</tr>
<tr>
<td>_G</td>
<td>Philips Bodine GTD, Generator Transfer Device section</td>
</tr>
</tbody>
</table>

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

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

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

<table>
<thead>
<tr>
<th>W</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>Metallic Silver</td>
</tr>
<tr>
<td>BL</td>
<td>Textured Black</td>
</tr>
<tr>
<td>GR</td>
<td>Graphite</td>
</tr>
<tr>
<td>BR</td>
<td>Bronze</td>
</tr>
<tr>
<td>CC</td>
<td>Custom Color</td>
</tr>
</tbody>
</table>
Fixture Options
- Additional options to enhance the fixture and finish of the product

| CP | Chicago Plenum |
| PM | Perimeter Mount (not available in 2' or 3') |
| RC | Rotating Crossbar |
| GLR | Internal Fast Blow Fuse |
| AM | Antimicrobial Paint |

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

Photometrics

**Satin Lens**

<table>
<thead>
<tr>
<th>Test #</th>
<th>ITL93385</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalog #</td>
<td>EV3D-HE-IC43-4</td>
</tr>
<tr>
<td>Lumens</td>
<td>3141 lm</td>
</tr>
<tr>
<td>Watts</td>
<td>31.6 W</td>
</tr>
<tr>
<td>Efficacy</td>
<td>99.4 LPW</td>
</tr>
</tbody>
</table>

**Candela Distribution**

<table>
<thead>
<tr>
<th>Candela Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertical Angle</td>
</tr>
<tr>
<td>Degrees</td>
</tr>
<tr>
<td>0</td>
</tr>
<tr>
<td>10</td>
</tr>
<tr>
<td>20</td>
</tr>
<tr>
<td>30</td>
</tr>
<tr>
<td>40</td>
</tr>
<tr>
<td>50</td>
</tr>
<tr>
<td>60</td>
</tr>
<tr>
<td>70</td>
</tr>
<tr>
<td>80</td>
</tr>
<tr>
<td>90</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>1022</td>
<td>1074</td>
<td>1011</td>
</tr>
<tr>
<td>55</td>
<td>1093</td>
<td>786</td>
<td>879</td>
</tr>
<tr>
<td>65</td>
<td>958</td>
<td>842</td>
<td>758</td>
</tr>
<tr>
<td>75</td>
<td>782</td>
<td>917</td>
<td>622</td>
</tr>
<tr>
<td>85</td>
<td>546</td>
<td>846</td>
<td>462</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.

Applications & Certificates

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

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

**Mounting:** EDGE is designed to install into acoustical grid and inaccessible ceilings. Specify GXG, FL, SF, NF 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.

**Indigo Clean LED:** Spectrum focused lighting for continuous environmental disinfection. 25°C test environment. Lumen output/wattage has a margin of +/- 5%. All luminaire configurations tested in accordance with IES LM-79. Diodes tested in accordance with IES LM-80. Lifetime calculation using IES TM-21. Minimum lifetime greater than 60,000 hours. L70 = 80,000 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.

**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.

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

**Labels:** UL and cUL Listed. Approved for dry/damp location unless otherwise noted.

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

**Buy American Act Compliant**

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

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