

EDGE EV1

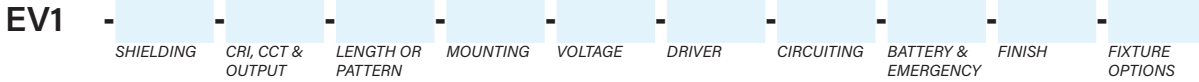
1" Recessed Linear

Key Features

- Extruded aluminum trim with formed cold rolled 18 gauge steel back box housing
- Highly reflective die-formed white painted steel reflector
- 5-year limited warranty covers LED, driver and fixture
- UL and cUL listed. IC rated
- Approved for dry/damp location unless otherwise noted
- Room-Side Maintenance for LED system
- Buy American Act compliant



Example Part #: EV1-HE-830HO-26'-G1-U-OL2-1-0-W



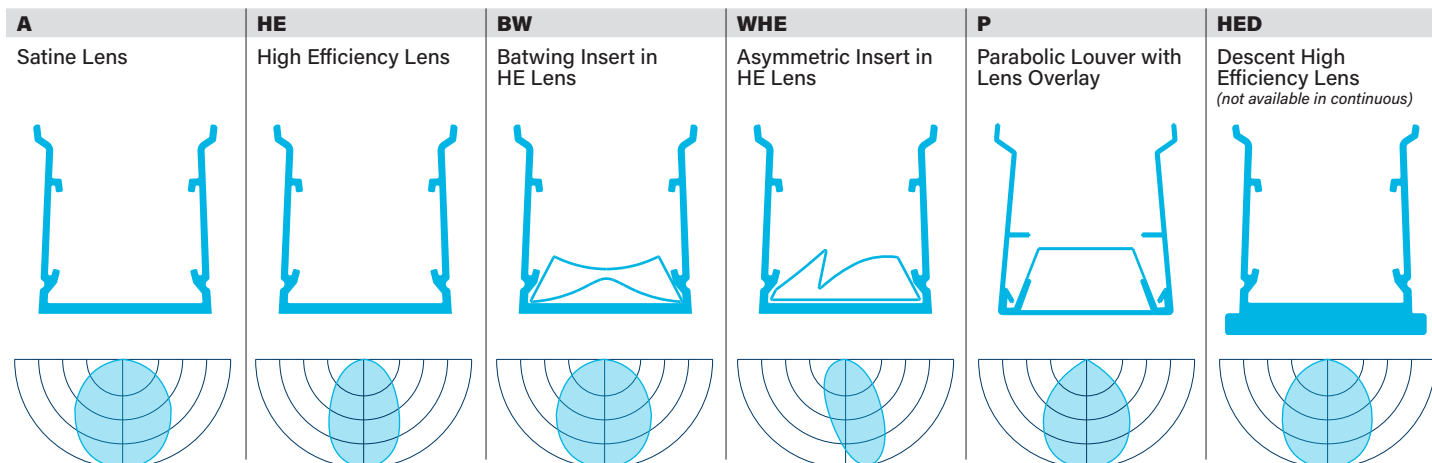
| SHIELDING | SOURCE ¹ | LENGTH OR PATTERN ² | MOUNTING ³ |
|--|---|---|--|
| A - Satine Lens HE - High Efficiency Lens BW - Batwing Insert in HE Lens WHE - Asymmetric Insert in HE Lens HED - Descent High Efficiency Lens P - Parabolic Louver with Lens Overlay <i>Shielding pg. 2</i> | _27_ - 2700K _30_ - 3000K _35_ - 3500K _40_ - 4000K CL - Custom Lumens CW - Custom Watts MOD - Mod options available <i>Lumen Output pg. 2</i> | _ - Individual Fixture _ - Continuous Row L_x - L Shape R_x - Rectangle T_x - T-Shape S - Square U_x - U-Shape X_x_x - X-Shape WC_x - Wall to Ceiling MOD - Mod options available <i>Length and Pattern pg. 3</i> | G1(G) - 1" (15/16") T Bar G9(G) - 9/16" T Bar GB(G) - 9/16" Bevel T Bar GS(G) - Screw Slot T Bar FL(F) - 1/2" Flange NF(N) - Non Flange SF(S) - Spackle Flange MOD - Mod options available <i>Mounting pg. 4</i> |
| VOLTAGE | DRIVER | CIRCUITING | BATTERY & EMERGENCY ⁴ |
| U - Universal (120 thru 277V) 1 - 120V 2 - 277V 3 - 347V <i>Voltage pg. 4</i> | FSD - Factory Select Driver (1%, 0-10v) PL2 - Advance Xitanium (1%, 0-10v) OL4 - Osram 347v (1%, 0-10v) EE1 - eldoLED ECOdrive (1%, 0-10v) ES1 - eldoLED SOLOdrive (0%, 0-10v) LH1 - Lutron Hi-lume (1%, EcoSystem) PS1 - Advance Xitanium (50%/100%) OL2 - Osram (1%, 0-10v) MOD - Mod options available <i>Driver pg. 5</i> | 1 - Single Circuit M - Multi Circuit E - Emergency (<i>entire fixture</i>) N - Night Light (<i>entire fixture</i>) <i>Circuiting pg. 5</i> | 0 - None _FSG - Factory Select ALCR _GI - Iota ETS DR _GB - Bodine GTD _PL - Bodine 10W (<i>low profile</i>) _E - Emergency Circuit Section _N - Night Light Circuit Section _L - Life Safety Circuit Section <i>Battery and Emergency pg. 6</i> |
| FINISH | FIXTURE OPTIONS | CONTROLS | |
| W - White S - Metallic Silver BL - Textured Black BR - Bronze GR - Graphite CC - Custom Color <i>Finish pg. 6</i> | FIL - Field Cut Illuminated Extension CP - Chicago Plenum PM - Perimeter Mount RC - Rotating Crossbar GLR - Internal Fast Blow Fuse DSP - Customer Supplied Battery/Driver/Sensor FW6 - 6' Flex Whip <i>Fixture Options pg. 6</i> | <i>Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.</i> | |

¹When 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. ²Individual fixtures come in 2', 3', 4', 5', 6', 7', & 8' lengths. Continuous row come in 1/8" increments. For Patterns specify pattern shape and overall dimensions. Example: L6x4: L pattern that is 6'x4'. ³Specify grid for individual or continuous length: G1, G9 & GS for continuous rows, G1G, G9G & GSG for individual lengths. *Enter quantity for Battery and Emergency, Example 2BS.

Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.



Shielding



CRI, CCT & Output

- Specify either 80 or 90 CRI
- Longer lead-time may apply for 90 CRI. Consult factory
- 80 CRI = R9≥19 and 90 CRI = R9≥61

Custom Output - Lumens OR Wattage

CL_____ Specify CRI, CCT and desired lumens (i.e. CL835500)

Specify lumens between standard offering listed below. Lumens are specified per color temp

CW_____ Specify CRI, CCT and desired wattage (i.e. CW9407)

Specify watts between standard offering listed below

80 CRI

| | Color | Output | Watts per foot | Shielding | | | | | | | | | | | |
|--------------|-------|----------|-------------------|------------------|------|-----------------------|------|---------------|------|-------------------|------|-------------|------|----------------|------|
| | | | | A Satine Lens | | HE High Efficiency | | BW Batwing | | WHE Asymmetric | | P Louver | | HED Descent | |
| | | | | Lumens/ft | LPW | Lumens/ft | LPW | Lumens/ft | LPW | Lumens/ft | LPW | Lumens/ft | LPW | Lumens/ft | LPW |
| 830 | 3000K | Standard | 4.5 | 347 | 77.1 | 412 | 91.6 | 327 | 72.7 | 365 | 81.1 | 273 | 60.7 | 377 | 83.8 |
| 830HO | 3000K | High | 8.6 | 641 | 74.5 | 761 | 88.5 | 604 | 70.2 | 676 | 78.6 | 504 | 58.6 | 698 | 81.2 |
| 835 | 3500K | Standard | 4.5 | 357 | 79.3 | 424 | 94.2 | 336 | 74.7 | 376 | 83.6 | 281 | 62.4 | 388 | 86.2 |
| 835HO | 3500K | High | 8.6 | 658 | 76.6 | 782 | 90.9 | 621 | 72.2 | 695 | 80.8 | 519 | 60.3 | 717 | 83.4 |
| 840 | 4000K | Standard | 4.5 | 365 | 81.0 | 432 | 96.0 | 343 | 76.2 | 383 | 85.1 | 286 | 63.6 | 396 | 88.0 |
| 840HO | 4000K | High | 8.6 | 670 | 77.8 | 797 | 92.7 | 633 | 73.6 | 708 | 82.3 | 529 | 61.5 | 731 | 85.0 |

90 CRI

| | | | | | | | | | | | | | | | |
|--------------|-------|----------|-----|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|
| 927 | 2700K | Standard | 4.5 | 274 | 60.8 | 325 | 72.2 | 259 | 57.6 | 289 | 64.2 | 216 | 48.0 | 298 | 66.2 |
| 927HO | 2700K | High | 8.6 | 506 | 58.8 | 601 | 69.9 | 478 | 55.6 | 534 | 62.1 | 399 | 46.4 | 551 | 64.1 |
| 930 | 3000K | Standard | 4.5 | 320 | 71.1 | 380 | 84.4 | 302 | 67.1 | 337 | 74.9 | 252 | 56.0 | 348 | 77.3 |
| 930HO | 3000K | High | 8.6 | 591 | 68.7 | 701 | 81.5 | 557 | 64.8 | 623 | 72.4 | 465 | 54.1 | 643 | 74.8 |
| 935 | 3500K | Standard | 4.5 | 321 | 71.3 | 382 | 84.9 | 303 | 67.3 | 339 | 75.3 | 253 | 56.2 | 349 | 77.6 |
| 935HO | 3500K | High | 8.6 | 592 | 68.8 | 704 | 81.9 | 559 | 65.0 | 625 | 72.7 | 467 | 54.3 | 645 | 75.0 |
| 940 | 4000K | Standard | 4.5 | 326 | 72.4 | 386 | 85.8 | 306 | 68.0 | 342 | 76.0 | 256 | 56.9 | 354 | 78.7 |
| 940HO | 4000K | High | 8.6 | 598 | 69.5 | 711 | 82.7 | 565 | 65.7 | 632 | 73.5 | 472 | 54.9 | 653 | 75.9 |

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

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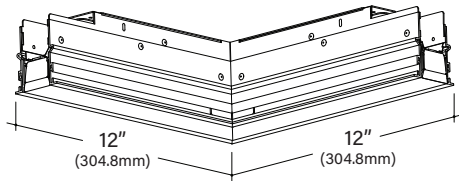
Length

- 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
- Choose fixture length for Individual or Continuous Row length; for patterns refer to Pattern section on page 6

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | Cont. Run |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|
| Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Specify nominal overall row length to the 1/8" |
| 23" (584.2mm) | 35" (889mm) | 47" (1193.8mm) | 59" (1498.6mm) | 71" (1803.4mm) | 83" (2108.2mm) | 95" (2413mm) | |

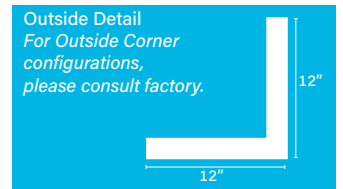
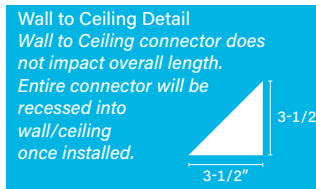
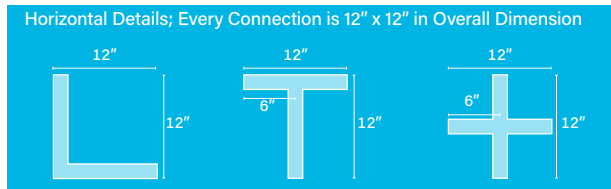
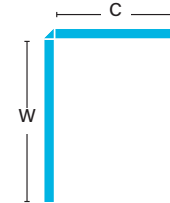
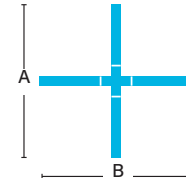
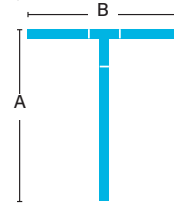
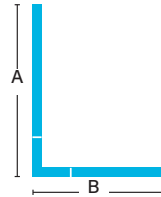
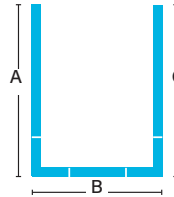
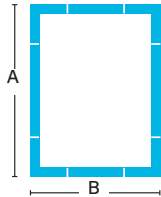
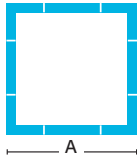
Specify to the 1/8"

Pattern



- Specify pattern shape and overall dimensions (includes corner dimensions)
- 90 degree corners are 12"x12" (overall, outside dimension)
- Angles and shapes not shown require Mod Pattern; consult factory
- Only available with HE lens option

| S | R x | U x x | L x | T x | X x | WC x |
|-----------------------------|-----------------------------|-----------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Square | Rectangle | U-Shape | L-Shape | T-Shape | X-Shape | Wall to Ceiling |
| Provide A dimension | Provide Ax B dimensions | Provide Ax BxC dimensions | Provide Ax B dimensions | Provide Ax B dimensions | Provide Ax B dimensions | Provide WxC dimensions |
| Example: S4' | Example: R4'x4' | Example: U3'x4'x3' | Example: L3'x3' | Example: T3'x5' | Example: X5'x5' | Example: WC2'x2' |
| Nominal Length- 4'x4' | Nominal Length- 4'x4' | Nominal Length- 3'x4'x3' | Nominal Length- 3'x3' | Nominal Length- 3'x5' | Nominal Length- 5'x5' | Nominal Length- 2'x2' |
| Minimum Length- 3'11"x3'11" | Minimum Length- 3'11"x3'11" | Minimum Length- 2'11"x3'11"x2'11" | Minimum Length- 2'11"x2'11" | Minimum Length- 2'11"x4'10" | Minimum Length- 4'10"x4'10" | Minimum Length- 1'11"x1'11" |



Length or Pattern: MOD Options

- Specify **MOD** in the part number for any of the below options
- Consult factory for **MOD** specification details, pricing, and lead-time information
- Perimeter mount mod will be mounted on wall surface with room side of fixture being taller than wall side

| | |
|------------|---|
| MOD | Specify MOD for patterns, lengths or angles not shown above |
| | 45- 180 degree angles |
| | Single-piece welded housings up to 4' x 4' |



Mounting

- Individual Units Specify G_G, FLF, SFS, NFN
- Continuous runs 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 to grid
- 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 | G9G | GBG | GSG | FLF | NFN | SFS |
|--|--|---|--|--|---|--|
| G1 Continuous Run or Pattern | G9 | GB | GS | FL | NF | SF |
| 1" (15/16") T-Bar Flange to Flange: 2-5/16" (58.7mm) | 9/16" T-Bar For tegular tile installations, fixture position will not be flush to the bottom of the tile Flange to Flange: 2-5/16" (58.7mm) | 9/16" T-Bar Rail has bevel edge details. For tegular tile installations, fixture position will be flush to the bottom of the tile Flange to Flange: 2-5/16" (58.7mm) | Screw Slot & 9/16" T-Bar For 9/16" installations with tegular tile, fixture position will be flush to the bottom of the tile Flange to Flange: 2-5/16" (58.7mm) | Exposed Standard 1/2" Flange Detail Flange to Flange: 2-5/8" (66.7mm) | Metal Pan or Millwork Flange to Flange: 2" (50.1mm) | Drywall, Flangeless Detail Flange to Flange: 3-1/2" (88.9mm) |
| | | | | | | |
| Standard Tile | Standard Tile | Tegular Tile | Tegular Tile | | | |
| | | | | | | |
| Tegular Tile | Tegular Tile | | Tegular Tile | | | |
| | | | | | | PM Optional Perimeter Mounting Includes bracket and wall rail |
| | | | | | | |

Mounting: MOD Options

- Specify **MOD** in the part number for any of the below options
- Consult factory for **MOD** specification details, pricing, and lead-time information

| | |
|------------|-------------------------------|
| MOD | Recessed to Suspended |
| | Alternative Ceiling Solutions |
| | Combination Rails |
| | Perimeter mount with 2" Drop |
| | Perimeter mount with 3" Drop |
| | Perimeter mount with 4" Drop |

Voltage

- Some EV1 configurations will not accommodate all voltage options; consult with factory

| | |
|----------|-----------|
| U | Universal |
| 1 | 120 volt |
| 2 | 277 volt |
| 3 | 347 volt |



Driver

- Standard Driver Option = FSD
- Driver Lifetime: 50,000 hours at 25°C ambient operating conditions
- For more driver options see Pinnacle Resource Guide
- Some EV1 configurations will not accommodate all driver options; consult with factory

0-10V Drivers

| | |
|------------|---|
| FSD | Factory Select Driver 1%, 0-10v |
| PL2 | Signify Advance Xitanium 1%, 0-10v |
| PL4 | Advance Xitanium 347v 1%, 0-10v, requires 347v |
| OL2 | Osram Optotronic, 1%, 0-10v |
| OL4 | Osram Optotronic 347v, 1% 0-10v, requires 347v option |
| EE1 | eldoLED ECOdrive 1%, 0-10v Logarithmic |
| EE2 | eldoLED ECOdrive 1%, 0-10v Linear |
| ES1 | eldoLED SOLOdrive 0-10v, 0% Logarithmic |
| ES2 | eldoLED SOLOdrive 0-10v, 0% Linear |

DALI Drivers

| | |
|------------|---|
| EE3 | eldoLED SOLOdrive .1%, DALI (logarithmic) |
| EE4 | eldoLED SOLOdrive .1%, DALI (linear) |
| OD1 | Osram Optotronic 1%, DEXAL |
| OD2 | Osram Optotronic 1%, DALI 2 Channel |

Lutron Drivers

| | |
|------------|---|
| LH1 | Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1 |
| LH4 | Lutron Hi-Lume 1%, 2-wire, Lutron-LTEA2W, 120v only |

Alternate Drivers

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

Driver: MOD Options

- Specify **MOD** in the part number for any of the below options
- Consult factory for **MOD** specification details, pricing, and lead-time information

MOD Power Over Ethernet

How to specify Circuiting, Battery and Emergency

- Select fixture circuiting from options below
 - Some EV1 configurations will not accommodate all circuiting options, consult with factory

Circuiting

| | |
|----------|--------------------------|
| 1 | Single Circuit |
| M | Multi Circuit |
| E | Emergency Circuit only |
| N | Night Light Circuit only |

- Battery and emergency section options are available in addition to fixture circuit
 - Select battery and emergency section options below; factory shop drawing required
 - Some EV1 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 is remote to fixture
- Battery not available for lengths under 4'
- Entire fixture is on battery for lengths up to 5'
- Half of fixture is on battery for 6', 7' or 8' housing lengths
- For more battery options available, see Pinnacle Resource Guide

| | |
|-------------|---|
| 0 | No Battery |
| _ILL | Iota 10w Integral Lithium, Self Testing |
| _IRH | Iota 20w Remote |
| _PLL | Bodine 10w Integral Lithium, Self Testing |
| _PRH | Bodine 20w Remote |

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

| | |
|-------------|---|
| _FSG | Factory Select ALCR, Automatic Load Control Relay |
| _GI | Iota ETS DR, Emergency Lighting Control Device |
| _GB | Bodine GTD, Emergency Lighting Control Device |
| _E | Emergency circuit section |
| _N | Night Light circuit section |
| _L | 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-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

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 |
| S | Metallic Silver |
| BL | Textured Black |
| GR | Graphite |
| BR | Bronze |
| CC | Custom Color |

Fixture Options

- Additional options to enhance the fixture and finish of the product

| | |
|------------|---|
| FIL | Field Cut Illuminated Extension |
| CP | Chicago Plenum |
| PM | Perimeter Mount |
| RC | Rotating Crossbar |
| DSP | Customer Supplied Battery/Driver/Sensor |
| GLR | Internal Fast Blow Fuse |
| FW6 | 6' Flex Whip |

Controls

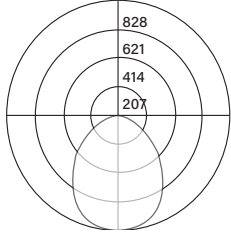
- Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information



Photometrics

High Efficiency Lens

| | |
|-----------|-------------|
| Test # | ITL86985 |
| Catalog # | EV1HE-840-4 |
| Lumens | 1726 Lm |
| Watts | 19.9 W |
| Efficacy | 87 LPW |



Candela Distribution

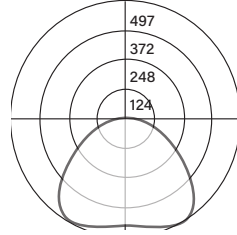
| Vert Angle | Horizontal Angle | | | | |
|------------|------------------|------|-----|------|-----|
| | 0 | 22.5 | 45 | 67.5 | 90 |
| 0 | 828 | 828 | 828 | 828 | 828 |
| 5 | 823 | 824 | 823 | 822 | 821 |
| 10 | 810 | 808 | 804 | 799 | 796 |
| 15 | 787 | 779 | 769 | 757 | 751 |
| 20 | 753 | 739 | 722 | 699 | 690 |
| 25 | 710 | 689 | 662 | 629 | 614 |
| 30 | 657 | 632 | 595 | 554 | 537 |
| 35 | 596 | 569 | 524 | 477 | 459 |
| 40 | 528 | 499 | 449 | 404 | 387 |
| 45 | 457 | 429 | 379 | 336 | 323 |
| 50 | 385 | 361 | 315 | 277 | 266 |
| 55 | 317 | 296 | 256 | 225 | 216 |
| 60 | 253 | 234 | 203 | 179 | 172 |
| 65 | 194 | 180 | 156 | 140 | 135 |
| 70 | 142 | 132 | 116 | 103 | 100 |
| 75 | 97 | 90 | 79 | 72 | 70 |
| 80 | 58 | 54 | 48 | 44 | 44 |
| 85 | 26 | 24 | 21 | 20 | 20 |
| 90 | 0 | 0 | 0 | 0 | 0 |

Luminance Data (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45 | 14181 | 11775 | 10034 |
| 55 | 12136 | 9795 | 8273 |
| 65 | 10063 | 8103 | 6991 |
| 75 | 8216 | 6745 | 5967 |
| 85 | 6677 | 5393 | 5136 |

Batwing Lens

| | |
|-----------|-------------|
| Test # | ITL86987 |
| Catalog # | EV1BW-840-4 |
| Lumens | 1371 Lm |
| Watts | 19.9 W |
| Efficacy | 69 LPW |



Candela Distribution

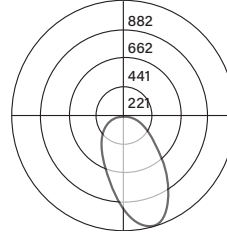
| Vert Angle | Horizontal Angle | | | | |
|------------|------------------|------|-----|------|-----|
| | 0 | 22.5 | 45 | 67.5 | 90 |
| 0 | 445 | 445 | 445 | 445 | 445 |
| 5 | 443 | 447 | 451 | 452 | 453 |
| 10 | 436 | 443 | 450 | 456 | 459 |
| 15 | 424 | 432 | 447 | 463 | 470 |
| 20 | 408 | 417 | 443 | 471 | 483 |
| 25 | 387 | 397 | 436 | 477 | 494 |
| 30 | 362 | 374 | 422 | 474 | 497 |
| 35 | 334 | 348 | 400 | 459 | 484 |
| 40 | 303 | 317 | 371 | 431 | 454 |
| 45 | 270 | 284 | 335 | 388 | 409 |
| 50 | 236 | 248 | 293 | 337 | 352 |
| 55 | 202 | 210 | 248 | 282 | 293 |
| 60 | 168 | 174 | 203 | 228 | 236 |
| 65 | 135 | 138 | 159 | 176 | 182 |
| 70 | 103 | 104 | 118 | 129 | 133 |
| 75 | 73 | 73 | 81 | 87 | 89 |
| 80 | 46 | 45 | 49 | 51 | 52 |
| 85 | 22 | 20 | 21 | 21 | 21 |
| 90 | 0 | 0 | 0 | 0 | 0 |

Luminance Data (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45 | 8386 | 10419 | 12705 |
| 55 | 7728 | 9489 | 11229 |
| 65 | 7030 | 8267 | 9448 |
| 75 | 6198 | 6887 | 7576 |
| 85 | 5454 | 5317 | 5317 |

Asymmetric Lens

| | |
|-----------|--------------|
| Test # | ITL86988 |
| Catalog # | EV1WHE-840-4 |
| Lumens | 1532 Lm |
| Watts | 19.9 W |
| Efficacy | 77 LPW |



Candela Distribution

| Vert Angle | Horizontal Angle | | | | |
|------------|------------------|------|-----|------|-----|
| Angle | 0 | 22.5 | 45 | 67.5 | 90 |
| 0 | 715 | 715 | 715 | 715 | 715 |
| 5 | 803 | 777 | 711 | 651 | 626 |
| 10 | 862 | 819 | 696 | 580 | 538 |
| 15 | 879 | 839 | 672 | 513 | 463 |
| 20 | 848 | 830 | 637 | 451 | 402 |
| 25 | 769 | 790 | 593 | 398 | 353 |
| 30 | 664 | 724 | 543 | 351 | 314 |
| 35 | 554 | 641 | 487 | 309 | 283 |
| 40 | 450 | 548 | 428 | 271 | 254 |
| 45 | 361 | 457 | 367 | 236 | 229 |
| 50 | 289 | 373 | 310 | 203 | 201 |
| 55 | 230 | 297 | 255 | 172 | 174 |
| 60 | 181 | 231 | 204 | 142 | 145 |
| 65 | 140 | 175 | 158 | 113 | 116 |
| 70 | 103 | 126 | 117 | 85 | 88 |
| 75 | 71 | 85 | 81 | 60 | 62 |
| 80 | 44 | 51 | 49 | 37 | 38 |
| 85 | 20 | 23 | 23 | 17 | 16 |
| 90 | 0 | 0 | 0 | 0 | 0 |

Luminance Data (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45 | 11226 | 14201 | 11411 |
| 55 | 8805 | 11374 | 9779 |
| 65 | 7254 | 9110 | 8210 |
| 75 | 6061 | 7208 | 6841 |
| 85 | 5045 | 5726 | 5726 |

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 20 gauge steel housing. Highly reflective die-formed white painted aluminum reflector.

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

Mounting: EDGE is designed to install into acoustical grid and inaccessible ceilings. Specify GXG, FLF, SFS, NFN for individual, unjoinable units (individual units will fall on-grid). Specify GX, FL, SF, NF for continuous runs (runs designed to fall on-grid). Consult factory for detailed installation instructions. Maximum fixture weight is 15lbs per 4' fixture.

LED: 25°C test environment. Lumen output/wattage has a margin of +/- 5%; 2' or 3' lengths may have a greater wattage deviation. 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 = 117,400 hours and L90 = 35,000 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.

CRI, CCT & Lumen 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. 80 CRI = R9≥19 and 90 CRI = R9≥61.

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 EDGE configurations will not accommodate all voltage options; consult with factory.

Driver: Standard Driver Option is Advance Xitanium 0-10V, 1% = PL2. Electronic driver, Power factor is >0.9 with a THD <20%. Driver Lifetime: 50,000 hours at 25°C ambient operating conditions. Ambient operating range: -20°F/-30°C to 92°F/33°C. For more driver

options, see Pinnacle Resource Guide. Some EDGE configurations will not accommodate all driver options.

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

Battery & Emergency: Select battery or emergency options if required. If battery or emergency option is not required, enter 0. Battery duration is 90 minutes as standard. Test button is remote to fixture. For more Battery options, see Pinnacle Resource Guide.

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

Controls: Specify PD for daylight sensor, requires 0-10v driver. Some EDGE configurations will not accommodate all control options; consult with factory.

Labels: UL and cUL Listed. Standard and HO lumen packages are IC Rated, 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.