

EDGE EX1B

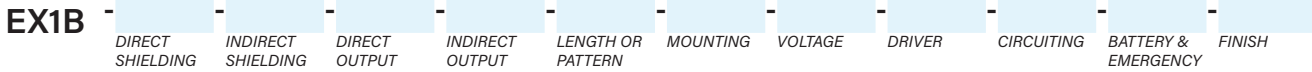
1" Suspended Bidirectional Linear

Key Features

- 6063-T5 Extruded aluminum housing
- Highly reflective die-formed white painted reflector
- 5-year limited warranty covers LED, driver and fixture
- UL and cUL listed
- Approved for dry/damp location unless otherwise noted
- Maximum fixture weight is 12 lbs for a standard 4' fixture
- Room-Side Maintenance for LED system
- Buy American Act compliant



Example Part #: EX1B-HE-HE-830HO-830-26'-AC48G1-U-OL1-0-0-W



| DIRECT SHIELDING | INDIRECT SHIELDING | DIRECT CRI, CCT & OUTPUT ¹ | INDIRECT CRI, CCT & OUTPUT ¹ |
|--|---|--|--|
| A - Satine Lens HE - High Efficiency Lens BW - Batwing Insert WHE - Asymmetric Insert HED - Descent Lens P - Parabolic Louver <i>Shielding pg. 2</i> | HE - High Efficiency BW - Batwing Lens WHE - Asymmetric Lens HEA - Ascent Lens <i>Shielding pg. 2</i> | _27_ - 2700K _30_ - 3000K _35_ - 3500K _40_ - 4000K CL - Custom Lumens CW - Custom Watts <i>Lumen Output pg. 2</i> | _27_ - 2700K _30_ - 3000K _35_ - 3500K _40_ - 4000K CL - Custom Lumens CW - Custom Watts <i>Lumen Output pg. 2</i> |

| LENGTH OR PATTERN ² | MOUNTING ³ | VOLTAGE | DRIVER |
|---|---|---|---|
| _ - Individual Fixture _ - Continuous Row L_x_ - L Shape R_x_ - Rectangle S_ - Square U_x_x_ - U-Shape T_x_ - T-Shape X_x_ - X-Shape M - Mod Layout <i>Length and Pattern pg. 2-3</i> | AC_G - AC to Grid AC_JB - AC to J Box AC_ST - AC to Structure WA - Wall Mount AC5_G - 5" Non-Power Canopy AC5_JB - 5" Non-Power Canopy SQ_G - 5" Square Canopy SQ_JB - 5" Square Canopy <i>Mounting pg. 3</i> | U - Universal (120 thru 277V) 1 - 120V 2 - 277V 3 - 347V <i>Voltage pg. 4</i> | OL2 - Osram (1%, 0-10v, standard) OL3 - Osram 347v (10%, 0-10v) EE1 - eldoLED ECOdrive (1%, 0-10v) ES1 - eldoLED SOLOdrive (0%, 0-10v) LH1 - Lutron Hi-lume (1%, EcoSystem) L51 - Lutron 5-Series (5%, EcoSystem) PL2 - Advance Xitanium (1%, 0-10v) PS1 - Advance Xitanium (50%/100%) ND - Non-Dimming <i>Driver pg. 4</i> |

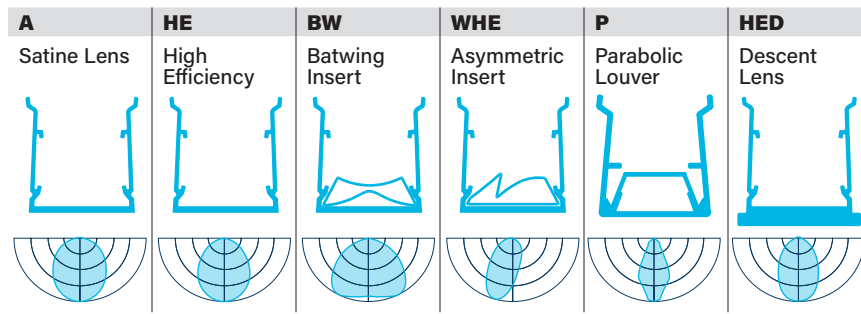
| CIRCUITING | BATTERY & EMERGENCY ⁴ | FINISH | CONTROLS |
|---|---|---|--|
| 1 - Single Circuit 2 - Dual Circuit (direct/indirect) M - Multi Circuit E - Emergency (entire fixture) N - Night Light (entire fixture) <i>Circuiting pg. 4</i> | 0 - None _PL - Bodine 10W (low profile) _E - Emergency Section _N - Night Light Section _L - Life Safety Section _G - Bodine GTD <i>Battery and Emergency pg. 4</i> | W - White S - Metallic Silver BL - Textured Black BR - Bronze GR - Graphite CC - Custom Color <i>Finish pg. 5</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' increments. For Mod layouts Specify pattern shape and overall dimensions. Example: L6x4: L pattern that is 6'x4'. ³Specify 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 2PL.

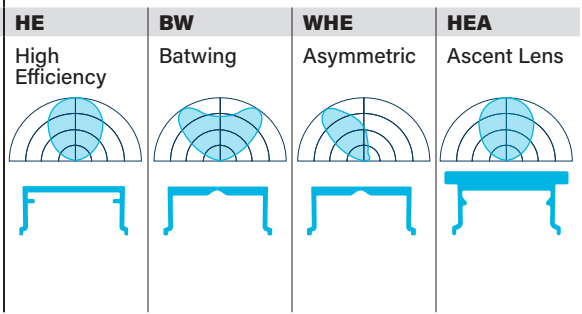
Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.



Direct Shielding



Indirect 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. CL835600) *Specify lumens between standard offering listed below. Lumens are specified per color temp*
CW _____ Specify CRI, CCT and desired wattage (i.e. CW9407) *Specify lumens between standard offering listed below. Lumens are specified per color temp*

Direct 80 CRI

| | Color | 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 |

Direct 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 |

Indirect 80 CRI

| | Color | Output | Watts per foot | Shielding | | | | | | | |
|--------------|-------|----------|-------------------|-----------------------|-------|---------------|-------|-------------------|------|---------------|-------|
| | | | | HE High Efficiency | | BW Batwing | | WHE Asymmetric | | HEA Ascent | |
| | | | | Lumens/ft | LPW | Lumens/ft | LPW | Lumens/ft | LPW | Lumens/ft | LPW |
| 830 | 3000K | Standard | 4.5 | 456 | 101.3 | 449 | 99.8 | 268 | 59.6 | 447 | 99.3 |
| 830HO | 3000K | High | 8.6 | 834 | 97.0 | 831 | 96.6 | 495 | 57.6 | 826 | 96.0 |
| 835 | 3500K | Standard | 4.5 | 469 | 104.2 | 462 | 102.7 | 276 | 61.3 | 460 | 102.2 |
| 835HO | 3500K | High | 8.6 | 858 | 99.8 | 854 | 99.3 | 509 | 59.2 | 850 | 98.8 |
| 840 | 4000K | Standard | 4.5 | 478 | 106.2 | 471 | 104.7 | 281 | 62.4 | 467 | 103.8 |
| 840HO | 4000K | High | 8.6 | 875 | 101.7 | 871 | 101.3 | 519 | 60.3 | 866 | 100.7 |

Indirect 90 CRI

| | | | | | | | | | | | |
|--------------|-------|----------|-----|-----|------|-----|------|-----|------|-----|------|
| 927 | 2700K | Standard | 4.5 | 360 | 80.0 | 355 | 78.9 | 212 | 47.1 | 354 | 78.7 |
| 927HO | 2700K | High | 8.6 | 659 | 76.6 | 657 | 76.4 | 391 | 45.5 | 653 | 75.9 |
| 930 | 3000K | Standard | 4.5 | 420 | 93.3 | 414 | 92.0 | 247 | 54.9 | 412 | 91.6 |
| 930HO | 3000K | High | 8.6 | 769 | 89.4 | 766 | 89.1 | 456 | 53.0 | 761 | 88.5 |
| 935 | 3500K | Standard | 4.5 | 422 | 93.8 | 416 | 92.4 | 249 | 55.3 | 414 | 92.0 |
| 935HO | 3500K | High | 8.6 | 772 | 89.8 | 768 | 89.3 | 458 | 53.3 | 765 | 89.0 |
| 940 | 4000K | Standard | 4.5 | 427 | 94.9 | 421 | 93.6 | 251 | 55.8 | 417 | 92.7 |
| 940HO | 4000K | High | 8.6 | 781 | 90.8 | 777 | 90.3 | 463 | 53.8 | 773 | 89.9 |

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.



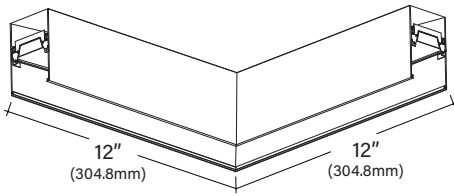
Length

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

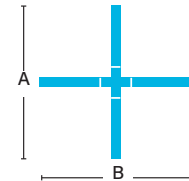
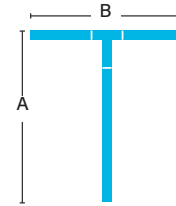
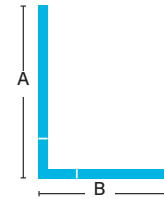
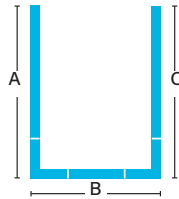
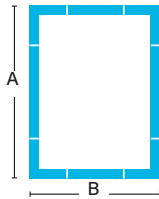
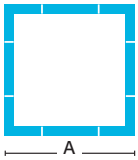
Specify to the 1' >>>

Pattern

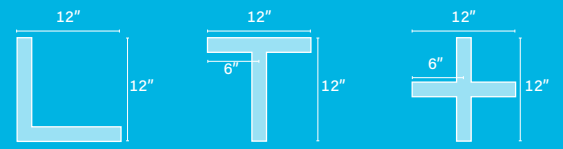


- Specify pattern shape and overall dimensions (includes corner dimensions)
- Refer to dimensions table below for available standard lengths
- All connectors are direct only
- 90 degree horizontal corners are 12"x12" (overall, outside dimension)
- Angles and shapes not shown require Mod Pattern; consult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

| S | R_x | U_x_x | L_x | T_x | X_x | M |
|--|---|---|---|---|---|---|
| Square Provide A dimension Example: S4' Minimum Length-4'x4' | Rectangle Provide AxB dimensions Example: R4'x4' Minimum Length-4'x4' | U-Shape Provide AxBxC dimensions Example: U3'x4'x3' Minimum Length-3'x4'x3' | L-Shape Provide AxB dimensions Example: L3'x3' Minimum Length-3'x3' | T-Shape Provide AxB dimensions Example: T3'x5' Minimum Length-3'x5' | X-Shape Provide AxB dimensions Example: X5'x5' Minimum Length-5'x5' | Mod Layout For patterns or lengths not shown or standard |



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

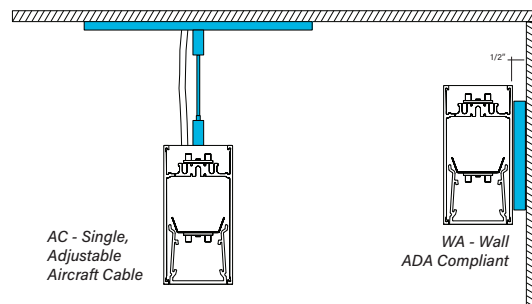


Mounting

- 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
- Aircraft 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 12 lbs for a standard 4' fixture
- For a wall mounted fixture with an indirect asymmetric lens, light will be directed away from the wall as a standard

| | |
|---------------|---|
| AC_G1 | Aircraft Cable to 1" (15/16") T-Bar |
| AC_G9 | Aircraft Cable to 9/16" T-Bar |
| AC_GS | Aircraft Cable to Screw Slot T-Bar |
| AC_JB | Aircraft Cable to Junction Box |
| AC_ST | Aircraft Cable to Structure |
| AC5_G | 5" (127mm) Non-Power Canopy |
| AC5_JB | 5" (127mm) Non-Power Canopy |
| SQ_G | 5" (127mm) Square Canopy |
| SQ_JB | 5" (127mm) Square Canopy |
| WA | Wall Mount (ADA Compliant, 1/2" off the wall) |



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.

Designed in Denver, CO • USA | pinnacle-ltg.com | O: 303-322-5570 F: 303-322-5568

EX1B_LED_SPEC_NOV2020



Voltage

- Some EX1B 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 = OL2
- Driver Lifetime: 50,000 hours at 25°C ambient operating conditions
- For more driver options, see Pinnacle Resource Guide
- Some EX1B configurations will not accommodate all driver options; consult with factory

| | |
|------------|---|
| OL2 | Osram Optotronic 1%, 0-10v, nominal 1% dimming range |
| OL3 | Osram Optotronic 347v 10%, 0-10v, requires 347v option |
| EE1 | eldoLED ECOdrive 1%, 0-10v Logarithmic |
| EE2 | eldoLED ECOdrive 1%, 0-10v Linear |
| ES1 | eldoLED SOLOdrive 0%, 0-10v Logarithmic |
| ES2 | eldoLED SOLOdrive 0%, 0-10v Linear |
| LH1 | Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1 |
| L51 | Lutron 5-Series 5%, EcoSystem, LDE5 |
| PL2 | Advance Xitanium 1%, 0-10v |
| PS1 | Advance Xitanium Step Dimming 50%/100% |
| ND | Non-Dimming |

How to specify Circuiting, Battery and Emergency

- Select fixture circuiting from options below
 - Some EX1B configurations will not accommodate all circuiting options, consult with factory

Circuiting

| | |
|----------|---|
| 1 | Single Circuit |
| 2 | Dual Circuit (<i>direct/indirect</i>) |
| 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 EX1B 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 and requires an additional drop
- Battery not available for lengths under 4'
- Entire direct fixture housing is on battery for lengths up to 5'
- Half of direct fixture is on battery for 6', 7' or 8' housing lengths
- For more battery options available, see Pinnacle Resource Guide

| | |
|------------|-----------------------------------|
| 0 | No battery |
| _PL | Bodine 10w Integral (low profile) |

Emergency

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

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

For Approximate Battery Lumen Output

- Multiply battery wattage X fixture LPW shown on Lumen Table
- $92.3 \text{ (LPW)} \times 10 \text{ (watts)} = 923 \text{ battery lumen output}$

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

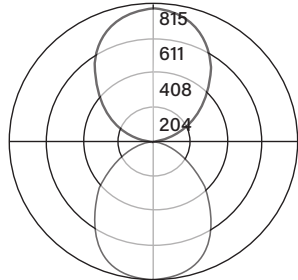
Controls

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

Photometrics

High Efficiency - High Efficiency

| | |
|-----------|----------------------|
| Test # | ITL86990 |
| Catalog # | EX1B-HE-HE-840-840-4 |
| Lumens | 3474 Lm |
| Watts | 35.6 W |
| Efficacy | 98 LPW |



Candela Distribution

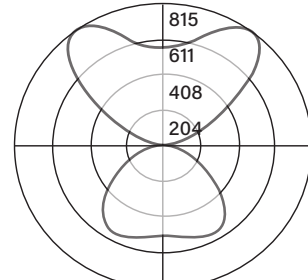
| Vert Angle | Horizontal Angle | | | | |
|------------|------------------|------|-----|------|-----|
| | 0 | 22.5 | 45 | 67.5 | 90 |
| 0 | 815 | 815 | 815 | 815 | 815 |
| 5 | 811 | 810 | 809 | 807 | 807 |
| 15 | 774 | 763 | 752 | 737 | 730 |
| 25 | 697 | 673 | 637 | 598 | 584 |
| 35 | 581 | 548 | 492 | 439 | 419 |
| 45 | 442 | 408 | 348 | 301 | 284 |
| 55 | 302 | 275 | 230 | 197 | 185 |
| 65 | 181 | 165 | 139 | 119 | 114 |
| 75 | 88 | 81 | 68 | 61 | 59 |
| 85 | 20 | 19 | 17 | 17 | 18 |
| 95 | 22 | 23 | 25 | 28 | 28 |
| 105 | 96 | 97 | 96 | 95 | 94 |
| 115 | 195 | 193 | 191 | 186 | 183 |
| 125 | 314 | 310 | 306 | 298 | 296 |
| 135 | 445 | 439 | 433 | 426 | 422 |
| 145 | 573 | 562 | 558 | 550 | 547 |
| 155 | 673 | 664 | 664 | 657 | 653 |
| 165 | 739 | 735 | 737 | 733 | 731 |
| 175 | 770 | 770 | 770 | 770 | 770 |
| 180 | 774 | 774 | 774 | 774 | 774 |

Luminance Data (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45 | 13452 | 10600 | 8647 |
| 55 | 11310 | 8635 | 6954 |
| 65 | 9231 | 7053 | 5808 |
| 75 | 7282 | 5673 | 4911 |
| 85 | 5029 | 4275 | 4526 |

Batwing - Batwing

| | |
|-----------|----------------------|
| Test # | ITL86987/87002 |
| Catalog # | EX1B-BW-BW-840-840-4 |
| Lumens | 3255 Lm |
| Watts | 38.9 W |
| Efficacy | 84 LPW |



Candela Distribution

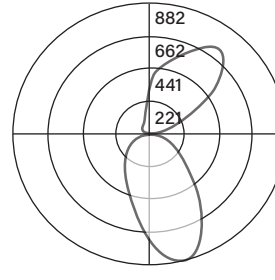
| Vert Angle | Horizontal Angle | | | | |
|------------|------------------|------|-----|------|-----|
| | 0 | 22.5 | 45 | 67.5 | 90 |
| 0 | 445 | 445 | 445 | 445 | 445 |
| 5 | 443 | 447 | 451 | 452 | 453 |
| 15 | 424 | 432 | 447 | 463 | 470 |
| 25 | 387 | 397 | 436 | 477 | 494 |
| 35 | 334 | 348 | 400 | 459 | 484 |
| 45 | 270 | 284 | 335 | 388 | 409 |
| 55 | 202 | 210 | 248 | 282 | 293 |
| 65 | 135 | 138 | 159 | 176 | 182 |
| 75 | 73 | 73 | 81 | 87 | 89 |
| 85 | 22 | 20 | 21 | 21 | 21 |
| 95 | 14 | 20 | 19 | 15 | 13 |
| 105 | 63 | 104 | 119 | 95 | 87 |
| 115 | 131 | 216 | 285 | 244 | 227 |
| 125 | 211 | 313 | 472 | 461 | 441 |
| 135 | 294 | 375 | 575 | 646 | 650 |
| 145 | 369 | 417 | 571 | 683 | 714 |
| 155 | 430 | 448 | 527 | 608 | 639 |
| 165 | 471 | 475 | 499 | 525 | 535 |
| 175 | 491 | 491 | 493 | 495 | 496 |
| 180 | 493 | 493 | 493 | 493 | 493 |

Luminance Data (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45 | 8387 | 10406 | 12705 |
| 55 | 7736 | 9497 | 11221 |
| 65 | 7017 | 8264 | 9459 |
| 75 | 6195 | 6874 | 7553 |
| 85 | 5545 | 5292 | 5292 |

Asymmetric - Asymmetric

| | |
|-----------|------------------------|
| Test # | ITL86988/87003 |
| Catalog # | EX1B-WHE-WHE-840-840-4 |
| Lumens | 2655 lm |
| Watts | 38.9 W |
| Efficacy | 68 LPW |



Candela Distribution

| Vert Angle | Horizontal Angle | | | | |
|------------|------------------|------|-----|------|-----|
| | 0 | 22.5 | 45 | 67.5 | 90 |
| 0 | 715 | 715 | 715 | 715 | 715 |
| 5 | 803 | 777 | 711 | 651 | 626 |
| 15 | 879 | 839 | 672 | 513 | 463 |
| 25 | 769 | 790 | 593 | 398 | 353 |
| 35 | 554 | 641 | 487 | 309 | 283 |
| 45 | 361 | 457 | 367 | 236 | 229 |
| 55 | 230 | 297 | 255 | 172 | 174 |
| 65 | 140 | 175 | 158 | 113 | 116 |
| 75 | 71 | 85 | 81 | 60 | 62 |
| 85 | 20 | 23 | 23 | 17 | 16 |
| 95 | 23 | 28 | 9 | 6 | 6 |
| 105 | 108 | 135 | 43 | 23 | 23 |
| 115 | 262 | 305 | 89 | 41 | 42 |
| 125 | 481 | 484 | 143 | 56 | 56 |
| 135 | 677 | 568 | 201 | 67 | 67 |
| 145 | 714 | 548 | 254 | 76 | 74 |
| 155 | 615 | 497 | 296 | 94 | 81 |
| 165 | 502 | 457 | 325 | 143 | 110 |
| 175 | 419 | 399 | 340 | 267 | 240 |
| 180 | 342 | 342 | 342 | 342 | 342 |

Luminance Data (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45 | 11214 | 14196 | 11400 |
| 55 | 8808 | 11374 | 9765 |
| 65 | 7276 | 9095 | 8212 |
| 75 | 6026 | 7214 | 6874 |
| 85 | 5040 | 5797 | 5797 |

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

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.



Applications & Certificates

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

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

Mounting: Aircraft cable and wall mount available. Straight aircraft cable mounts on 4'-0" (1219.2mm) and 8'-0" (2438.4mm) centers Aircraft Cable supplied with 5" (127mm) power and 2" (50.8mm) non-power canopies. Refer to installation instructions for appropriate ceiling detail. Canopies are painted white unless otherwise specified. Maximum fixture weight is 12 lbs for a standard 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. L70 = 120,200 hours and L90 = 35,900 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 OL3 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 Osram 0-10V, 1% = OL2. 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 103°F/40°C. For more driver options, see

Pinnacle Resource Guide. Some EX configurations will not accommodate all driver options.

Circuiting: Select from single circuit (1), dual circuit (2), 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, graphite, textured black or bronze painted finish; consult factory for chip of standard paint finishes. Canopies painted white unless specified differently in the options section of the part number. Contact factory for additional custom color and finish options.

Controls: Consult factory.

Labels: UL and cUL Listed. Standard and HO lumen packages are approved for dry/damp location unless otherwise noted.

Fixture Weight: Maximum fixture weight is 12 lbs for a standard 4' fixture.

Buy American Act Compliant

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