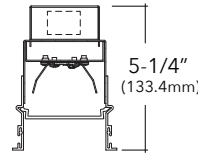


EDGE EV3D

3" Recessed Linear



Key Features

- Extruded aluminum trim with formed cold rolled 18 gauge steel back box housing
- Highly reflective 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
- Maximum fixture weight is 15lbs per 4ft fixture
- Room-Side Maintenance for LED system
- Buy American Act compliant



Example Part #: EV3D-HE-830HO-26'-G1-U-OL2-1-0-W

EV3D - - - - - - - - - - -

SHIELDING SOURCE LENGTH OR PATTERN MOUNTING VOLTAGE DRIVER CIRCUITING BATTERY & EMERGENCY FINISH FIXTURE OPTIONS CONTROLS

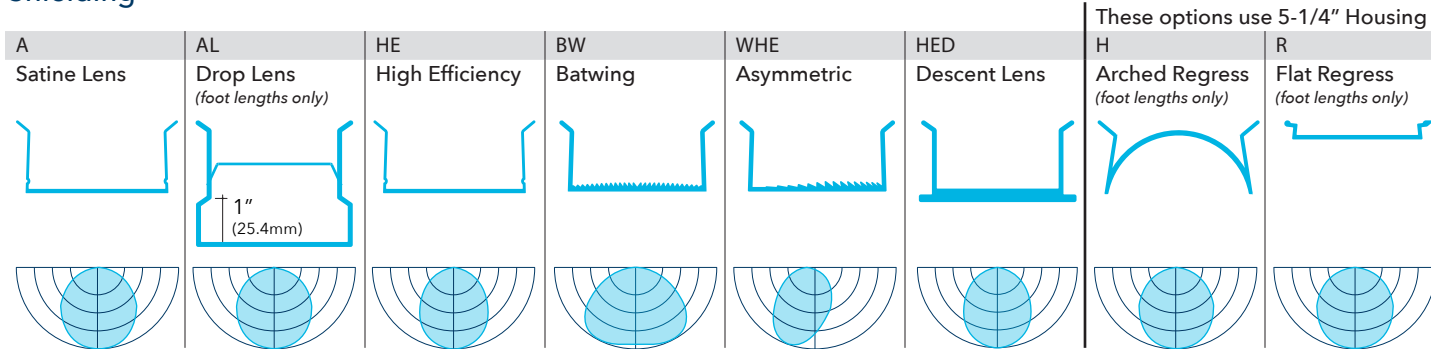
| SHIELDING | SOURCE | LENGTH OR PATTERN ² | MOUNTING ³ |
|---|--|--|---|
| A - Satine Lens QS HE - High Efficiency Lens QS BW - Batwing QS WHE - Asymmetric QS AL - Drop Lens HED - Descent Lens H - Arched Regress Lens R - Regress Lens <i>Shielding pg. 2</i> | _27_ - 2700K _30_ - 3000K _35_ - 3500K (available with BIOS) _40_ - 4000K (available with BIOS) CL_ - Custom Lumens CW_ - Custom Watts <i>Lumen Output pg. 2</i> | _ - Individual Fixture QS _ - Continuous Row QS L_x_ - L Shape QS R_x_ - Rectangle QS S_ - Square QS U_x_ - U Shape QS T_x_ - T Shape X_x_x_ - X Shape WC_x_ - Wall to Ceiling QS M - Mod Layout <i>Length and Pattern pg. 2-3</i> | G1(G) - 1" (15/16") T Bar QS G9(G) - 9/16" T Bar QS GB(G) - 9/16" Bevel T Bar GS(G) - Screw Slot T Bar QS FL(F) - 1/2" Flange QS NF(N) - Non Flange QS SF(S) - Spackle Flange QS <i>Mounting pg. 4</i> |
| VOLTAGE | DRIVER | CIRCUITING | BATTERY & EMERGENCY ⁴ |
| U - Universal QS (120 thru 277V) 1 - 120V QS 2 - 277V QS 3 - 347V <i>Voltage pg. 4</i> | OL2 - Osram (1%, 0-10v, standard) QS OL3 - Osram 347v (10%, 0-10v) EE1 - eldoLED ECOdrive (1%, 0-10v) ES1 - eldoLED SOLOdrive (0%, 0-10v) LH1 - Lutron Hi-lume (1%, EcoSystem) QS L51 - Lutron 5-Series (5%, EcoSystem) PL2 - Advance Xitanium (1%, 0-10v) QS PR1 - Advance Xitanium SR ND - Non-Dimming QS <i>Driver pg. 4</i> | 1 - Single Circuit QS M - Multi Circuit E - Emergency QS (entire fixture) N - Night Light QS (entire fixture) <i>Circuiting pg. 5</i> | 0 - None QS _P - Bodine 10W _I - Iota 10W QS _IC - Iota 10W (CEC Listed) _E - Emergency Circuit Section _N - Night Light Circuit Section _L - Life Safety Circuit Section _G - Bodine GTD _A - Acuity Power Sentry 10W <i>Battery and Emergency pg. 5</i> |
| FINISH | FIXTURE OPTIONS ⁵ | CONTROLS ⁶ | |
| W - White QS S - Metallic Silver BL - Textured Black BR - Bronze GR - Graphite CC - Custom Color <i>Finish pg. 5</i> | QS - Quick Ship QS CP - Chicago Plenum QS LMRA - Adjustable MR16 (LED) XLED - Fixed Xicato LED PM - Perimeter Mount RC - Rotating Crossbar GLR - Internal Fast Blow Fuse QS <i>Fixture Options pg. 5-6</i> | DLMFC - Wattstopper DLM (wired) NLTAIR_ - Acuity nLight AIR (wireless) EASYS - Philips EasySense (wireless) SNSLM - Osram Sensilum (wireless) WVLX - Eaton WaveLinX (wireless) VDO - Lutron Vive Sensor (wireless) VRF - Lutron Vive Connected (wireless) <i>Controls pg. 6</i> | |

¹Not all products qualify for DLC listing. For a complete listing of the EV3D products that qualify for DLC, please go to the DLC website. ²When specifying SOURCE the first _ is for specifying either 8 - 80CRI, 9 - 90CRI or B - BIOS. The ending __ are for specifying output, example HO - High Output. When specifying BIOS use B and then specify color temperature, either 3500K or 4000K, and output, example B35HO - BIOS 3500K High Output. See output charts for more information. BIOS dynamic available, please contact factory for more information. For Quickship CRI, CCT & Output see chart on page 5 ³Individual 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'. ⁴Specify mounting for individual or continuous length: G1, G9, GS, FL, NF & SF for continuous rows, G1G, G9G, GSG, FLF, NFN & SFS for individual lengths. ⁵Enter quantity for Battery and Emergency, Example 2P. ⁶QS must be used in fixture options section of part number to qualify. ⁶Controls can only be used with Single Circuit (1) or Emergency Circuit (E). See Controls chart on page 5 for driver options and more information.

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



Source: White LED¹

- 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
- QuickShip available for: "A" lens, 80 CRI, all color temperature, and all lumen packages
- Not all products qualify for DLC listing. For a complete listing of the EV3D products that qualify for DLC, please go to the DLC website.

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 | Lumens per foot | Shielding ¹ | | | | | | | | | | | | | | | |
|--------|-------|--------------------|------------------------|----------|------------|----------|-----------------------|----------|---------------|----------|-------------------|----------|---------------------|----------|---------------------|----------|--------------|----------|
| | | | A Satine | | AL Drop | | HE High Efficiency | | BW Batwing | | WHE Asymmetric | | HED Descent Lens | | H Arched Regress | | R Regress | |
| | | | LPW | Watts/ft | LPW | Watts/ft | LPW | Watts/ft | LPW | Watts/ft | LPW | Watts/ft | LPW | Watts/ft | LPW | Watts/ft | LPW | Watts/ft |
| 830 | 3000K | 500 | 94.1 | 5.3 | 117 | 4.3 | 108 | 4.6 | 106 | 4.7 | 101 | 4.9 | 104 | 4.8 | 85 | 5.9 | 92 | 5.4 |
| 830HO | 3000K | 750 | 90.2 | 8.3 | 114 | 6.6 | 106 | 7.1 | 104 | 7.2 | 99 | 7.6 | 102 | 7.4 | 82 | 9.1 | 88 | 8.5 |
| 830VHO | 3000K | 1000 | N/A | | 111 | 9.0 | 105 | 9.5 | 103 | 9.7 | 98 | 10.2 | 100 | 10.0 | N/A | | N/A | |
| 835 | 3500K | 500 | 96.6 | 5.2 | 121 | 4.1 | 111 | 4.5 | 109 | 4.6 | 104 | 4.8 | 107 | 4.7 | 85 | 5.9 | 92 | 5.4 |
| 835HO | 3500K | 750 | 93.7 | 8.0 | 118 | 6.3 | 109 | 6.9 | 107 | 7.0 | 102 | 7.4 | 106 | 7.1 | 82 | 9.1 | 88 | 8.5 |
| 835VHO | 3500K | 1000 | N/A | | 115 | 8.7 | 105 | 9.5 | 107 | 9.4 | 100 | 10.0 | 104 | 9.6 | N/A | | N/A | |
| 840 | 4000K | 500 | 98.5 | 5.1 | 121 | 4.1 | 113 | 4.4 | 111 | 4.5 | 107 | 4.7 | 110 | 4.6 | 89 | 5.6 | 96 | 5.2 |
| 840HO | 4000K | 750 | 95.7 | 7.8 | 121 | 6.2 | 111 | 6.7 | 109 | 6.9 | 104 | 7.2 | 107 | 7.0 | 87 | 8.7 | 93 | 8.0 |
| 840VHO | 4000K | 1000 | 94.2 | 10.6 | 117 | 8.5 | 108 | 9.3 | 105 | 9.5 | 103 | 9.7 | 106 | 9.4 | N/A | | N/A | |

90 CRI

| | | | | | | | | | | | | | | | | | | |
|-------|-------|-----|------|-----|-----|-----|----|-----|----|-----|----|-----|----|-----|-----|------|----|------|
| 927 | 2700K | 500 | 76.7 | 6.5 | 96 | 5.2 | 88 | 5.7 | 86 | 5.8 | 83 | 6.0 | 85 | 5.9 | 70 | 7.1 | 75 | 6.7 |
| 927HO | 2700K | 750 | 75.5 | 9.9 | 94 | 8.0 | 86 | 8.7 | 84 | 8.9 | 80 | 9.4 | 83 | 9.0 | N/A | | 74 | 10.2 |
| 930 | 3000K | 500 | 80.2 | 6.2 | 101 | 4.9 | 94 | 5.3 | 92 | 5.4 | 86 | 5.8 | 89 | 5.6 | 74 | 6.8 | 78 | 6.4 |
| 930HO | 3000K | 750 | 79.9 | 9.4 | 100 | 7.5 | 91 | 8.3 | 89 | 8.5 | 84 | 8.9 | 87 | 8.6 | N/A | | 78 | 9.6 |
| 935 | 3500K | 500 | 82.3 | 6.1 | 105 | 4.8 | 97 | 5.2 | 95 | 5.3 | 90 | 5.6 | 94 | 5.3 | 76 | 6.5 | 81 | 6.1 |
| 935HO | 3500K | 750 | 80.4 | 9.3 | 103 | 7.3 | 94 | 7.9 | 92 | 8.1 | 88 | 8.6 | 90 | 8.3 | 75 | 10.0 | 81 | 9.3 |
| 940 | 4000K | 500 | 84.6 | 5.9 | 108 | 4.6 | 99 | 5.0 | 97 | 5.1 | 93 | 5.4 | 95 | 5.2 | 78 | 6.4 | 83 | 6.0 |
| 940HO | 4000K | 750 | 82.6 | 9.1 | 106 | 7.1 | 97 | 7.7 | 95 | 7.9 | 90 | 8.4 | 93 | 8.1 | 77 | 9.7 | 81 | 9.3 |

Source: BIOS¹

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

BIOS

| | Color | Lumens per foot | Shielding ¹ | | | | | |
|-------|-------|--------------------|------------------------|----------|-----------------------|----------|---------------|----------|
| | | | A Satine | | HE High Efficiency | | BW Batwing | |
| | | | LPW | Watts/ft | LPW | Watts/ft | LPW | Watts/ft |
| B35 | 3500K | 500 | 60 | 8.3 | 68 | 7.4 | 63 | 8.0 |
| B35HO | 3500K | 750 | 58 | 13.0 | 66 | 11.4 | 62 | 12.2 |
| B40 | 4000K | 500 | 61 | 8.3 | 68 | 7.3 | 64 | 7.8 |
| B40HO | 4000K | 750 | 59 | 12.6 | 69 | 10.9 | 63 | 12.0 |

¹LPW and watts/ft based off 47" fixture size.

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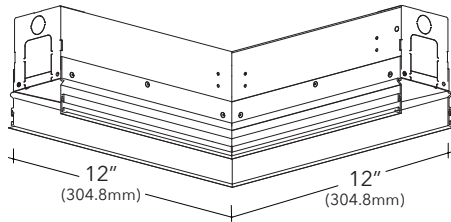


Length

- All individual units cannot be joined, end trims are factory installed and cannot be removed
- Refer to Pattern section for specification and ordering options
- Continuous Rows are made up of even and odd length fixtures; designed to fall on-grid

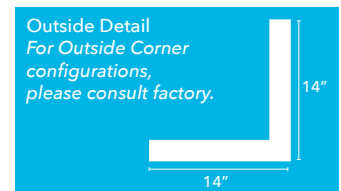
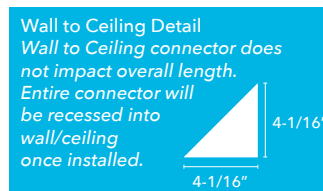
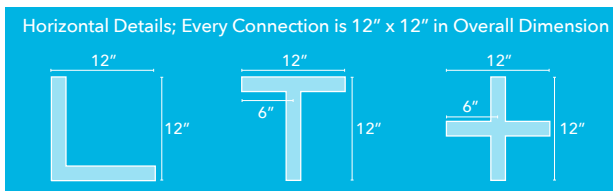
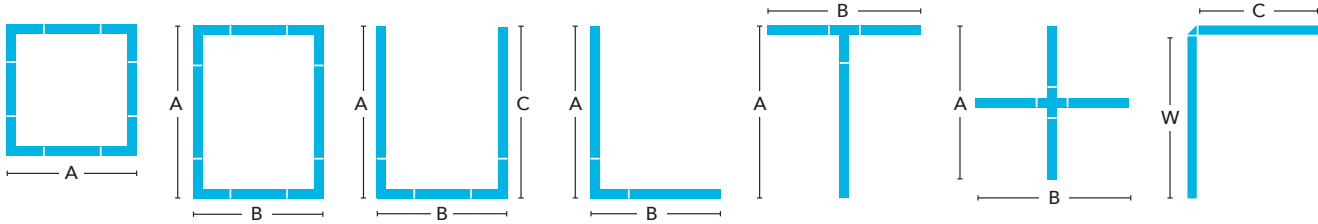
| 2 | 3 | 4 | 5 | 6 | 7 | 8 | - |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|
| Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Cont. Run <i>Specify nominal overall row length to the 1/8" not available with H or R shielding options</i> |
| 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 horizontal corners are 12"x12" (overall, outside dimension)
- Angles and shapes not shown require Mod Pattern; consult factory
- Only available with A or HE Lenses
- Not all drivers available with all patterns; consult factory

| S_ | R_x_ | U_x_x_ | L_x_ | T_x_ | X_x_ | WC_x_ | M |
|--|---|---|---|---|---|--|---|
| Square <i>Provide A dimension</i> Example: S4' Nominal Length- 4'x4' Minimum Length- 3'11"x3'11" | Rectangle <i>Provide AxB dimensions</i> Example: R4'x4' Nominal Length- 4'x4' Minimum Length- 3'11"x3'11" | U-Shape <i>Provide AxBxC dimensions</i> Example: U3'x4'x3' Nominal Length- 3'x4'x3' Minimum Length- 2'11"x3'11"x2'11" | L-Shape <i>Provide AxB dimensions</i> Example: L3'x3' Nominal Length- 3'x3' Minimum Length- 2'11"x2'11" | T-Shape <i>Provide AxB dimensions</i> Example: T3'x5' Nominal Length- 3'x5' Minimum Length- 2'11"x4'10" | X-Shape <i>Provide AxB dimensions</i> Example: X5'x5' Nominal Length- 5'x5' Minimum Length- 4'10"x4'10" | Wall to Ceiling <i>Provide WxC dimensions</i> Example: WC2'x2' Nominal Length- 2'x2' Minimum Length- 1'11"x1'11" | ModLayout <i>For patterns or lengths not shown or standard</i> |

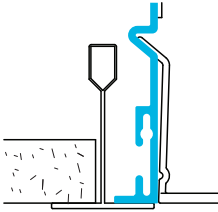
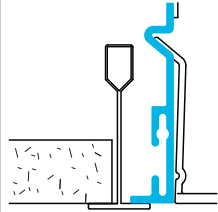
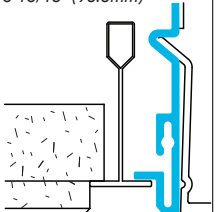
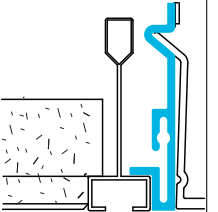
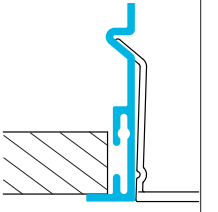
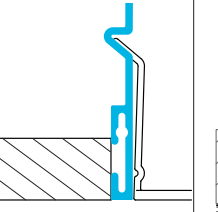
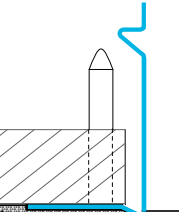
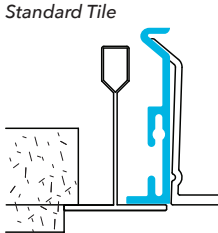
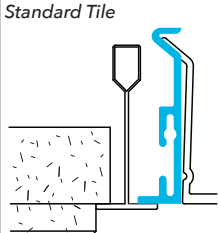
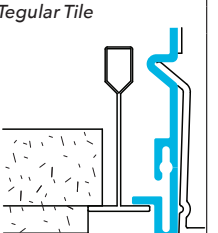
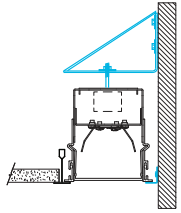




Mounting

- Individual Units, specify G₋G, FL₋F, 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 | 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: 3-13/16" (96.8mm) | 9/16" T-Bar For tegular tile installations, fixture position will not be flush to the bottom of the tile Flange to Flange: 3-13/16" (96.8mm) | 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: 3-13/16" (96.8mm) | 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: 3-13/16" (96.8mm) | Exposed Standard 1/2" Flange Detail Flange to Flange: 4-1/8" (104.7mm) | Metal Pan or Millwork Flange to Flange: 3-7/16" (87.3mm) | Drywall, Flangeless Detail Flange to Flange: 5" (127mm) |
|  |  |  |  |  |  |  |
| Standard Tile | Standard Tile | Tegular Tile | Tegular Tile | | | |
|  |  | |  | | | |
| Tegular Tile | Tegular Tile | | Tegular Tile | | | |
| | | | | | PM Optional Perimeter Mounting Includes bracket and wall rail |  |

Voltage

- Some EV3D 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 EV3D 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 |
| OL5 | Osram Optotronic 1%, 0-10v, AUX |
| OD1 | Osram Optotronic 1%, DEXAL |
| EE1 | eldoLED ECOdrive 1%, 0-10v Logarithmic |
| EE6 | eldoLED ECOdrive 1%, for nLight Air Wireless |
| ES1 | eldoLED SOLOdrive 0%, 0-10v Logarithmic |
| ES6 | eldoLED SOLOdrive 0%, for nLight Air Wireless |
| 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 |
| PR1 | Advance Xitanium SR, requires EASY, VDO, or VRF |
| ND | Non-Dimming |



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

| | |
|---|---|
| 1 | Single Circuit |
| M | Multi Circuit <i>(Not available with controls)</i> |
| E | Emergency Circuit only <i>(uses nIO EZ PH ER with NLIGHT)</i> |
| N | Night Light Circuit only |

- 2** + **3**
- Battery and emergency section options are available in addition to fixture circuit
 - Select battery and emergency section options below; factory shop drawing required
 - Some EV3D 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 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

| | |
|-----|---|
| 0 | No battery |
| _P | Bodine 10w Integral |
| _I | Iota 10w Integral |
| _IC | Iota 10w Integral <i>CEC Listed</i> |
| _A | Acuity Power Sentry 10W Integral <i>(Requires eldoLED DRIVER)</i> |

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

| | |
|----|--|
| _E | Emergency circuit section <i>(NLIGHT ONLY full housing not sections)</i> |
| _N | Night Light circuit section |
| _L | Life Safety circuit section NO THROUGH WIRE |
| _G | Bodine GTD, Generator Transfer Device section |

Battery OR Emergency Ordering Examples

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

Combination Section Ordering Examples

- Single circuit, (1) 10w battery, (1) emergency section Ordering Code: 1-1P1E
- Multi circuit, (2) 10w battery, (2) emergency sections Ordering Code: M-2P2E
- 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
- Consult factory for MR16 configurations

| | |
|------|---|
| QS | Quick Ship |
| CP | Chicago Plenum |
| LMRA | Adjustable MR16 LED <i>(not available with U voltage)</i> |
| XLED | Fixed Xicato LED |
| PM | Perimeter Mount <i>(not available in 2' or 3')</i> |
| RC | Rotating Crossbar |
| GLR | Internal Fast Blow Fuse |



Quick Ship

| Shielding | CRI, CCT & Output | Mounting | Voltage | Driver | Circuiting | Battery | Finish | | | | | | |
|----------------------|---|--|--|-------------|-------------------------------------|-------------------------|--|-------------|--|--------|------------------------------|--------|-----------------|
| 10-Day | | | | | | | | | | | | | |
| A HE BW WHE | 80 CRI, all color temperatures, all lumen packages <i>See pg 2</i> | G1(G) G9(G) G5(G) FL(F) NF(N) SF(S) | 1" T-Bar 9/16" T-Bar Screw Slot 1/2" Flange Flangeless Spackle Flange | U 1 2 | Universal (120-277) 120V 277V | OL2 PL2 LH1 ND | Osram 0-10v, 1% Advance Xitanium 1%, 1-10v Lutron LDE1 Non- Dimming | 1 E N | Single Circuit Emergency Night Light | 0 J | None Iota 10w Integral | W S | White Silver |

All lengths and continuous rows up to 1,000 ft OR 150 individual fixtures. Consult factory for larger projects.

Controls

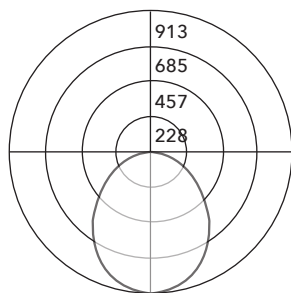
- Pinnacle Lighting offers easy to specify network control solutions that connect to an intelligent centralized system to maximize lighting energy efficiencies or integral sensors for individual fixture control
- Pinnacle Lighting fixtures ship technology ready; commissioning by others
- Controls can only be used with Single Circuit (1) or Emergency Circuit (E)
- Contact factory for any non-standard configurations for layout, placement, or EM options
- One drop/sensor per run typical, contact factory for more information
- Must specify required driver in Driver Section

| | Solution | Components | Network/Sensor | Connection | Required Drivers | Limitations |
|---------|--------------------------------------|--------------------|---------------------------------------|-----------------------|------------------|-----------------------------|
| DLMFC | Legrand Wattstopper DLM | LMFC-011 | Digital Lighting Management (DLM) | Wired, two RJ45 ports | Any 0-10v | Not available with Battery |
| NLTAIRS | Acuity nLight AIR Wireless | RES7 G2 | nLight, Daylight/PIR Occupancy Sensor | Wireless | EE6, ES6 | Not available with 347 volt |
| NLTAIRM | Acuity nLight AIR Wireless | RES7 PDT G2 | nLight, Daylight/PIR Occupancy Sensor | Wireless | EE6, ES6 | Not available with 347 volt |
| NLTAIR | Acuity nLight AIR Wireless Connected | RIO EZDL G2 | nLight | Wireless | EE6, ES6 | Not available with 347 volt |
| EASYS | Philips EasySense | SNS-200 | Daylight/PIR Occupancy | Wireless to switches | PR1 | Not available with 347 volt |
| SNSLM | Osram Sensilum | EN-CLM-PIR-DD-ZB | Encelium, Daylight/PIR Occupancy | Wireless | OD1, OL1, OL2 | Not available with 347 volt |
| WLX | Eaton WaveLinx | SWPD1, MSP3IVMVDC1 | WaveLinx WCL, Daylight | Wireless | Any 0-10v | Not available with 347 volt |
| VDO | Lutron Vive Sensor | DFCSJ-OEM-OCC | Vive, Daylight/PIR Occupancy | Wireless | OD1, PR1 | Not available with 347 volt |
| VRF | Lutron Vive Connected | DFCSJ-OEM-RF | Vive | Wireless | OD1, PR1 | Not available with 347 volt |

Photometrics

Satine Lens

Test # ITL89785
 Catalog # EV3D-HE-840-4
 Lumens 2074 lm
 Watts 19.4 w
 Efficacy 106.9 LPW



Candela Distribution

| Vert Angle | Horizontal Angle | | | | |
|------------|------------------|------|-----|------|-----|
| | 0 | 22.5 | 45 | 67.5 | 90 |
| 0 | 913 | 913 | 913 | 913 | 913 |
| 5 | 905 | 907 | 906 | 906 | 906 |
| 15 | 862 | 857 | 853 | 842 | 837 |
| 25 | 777 | 762 | 747 | 726 | 714 |
| 35 | 657 | 638 | 612 | 581 | 567 |
| 45 | 520 | 501 | 470 | 439 | 428 |
| 55 | 378 | 363 | 335 | 309 | 300 |
| 65 | 244 | 234 | 213 | 196 | 191 |
| 75 | 122 | 118 | 107 | 99 | 97 |
| 85 | 29 | 28 | 26 | 24 | 24 |
| 90 | 0 | 0 | 0 | 0 | 0 |

Luminance Data (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45 | 8077 | 7300 | 6648 |
| 55 | 7238 | 6414 | 5744 |
| 65 | 6341 | 5535 | 4964 |
| 75 | 5177 | 4540 | 4116 |
| 85 | 3654 | 3276 | 3024 |

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, 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 = 121,600 hours and L90 = 36,200 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.

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.

CRI, CCT & Lumen Output: 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.

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, 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 98°F/37°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.

MR16: Ideal for conference rooms, corridors, wall washing, retail spaces and training facilities where accent lighting is required. Fully enclosed compartment eliminates light from entering into our fixture areas. LED lamps are not included. Consult factory for other lamp types. Standard 60 watt max LED electronic transformer (120v or 277v), MR16 installed as an independent circuit. MR16 to match fixture voltage. 277v dimmer must be sourced. Consult factory for MR16 configurations.

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 or 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.

Labels: UL and cUL Listed. Standard, HO and VHO 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.