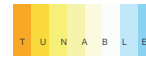


EDGE EX2DI

2" Suspended Direct/Indirect Linear

Key Features

- 6063-T6 Extruded aluminum housing
- Room-Side Maintenance for LED system
- 5-year limited warranty covers LED, driver and fixture
- ETL Listed conforming to UL1598 in US and CSA 250 in Canada
- Approved for dry/damp location unless otherwise noted
- Maximum weight is 25 lbs. for a standard 4' fixture
- Buy American Act compliant
- Indigo-Clean available, see Indigo-Clean specification sheets for details
- Product transparency with third-party verified Living Building Challenge (LBC) Declared



QUICKSHIP

Declare.



Example Part #: EX2DI-BW-HE-830HO-830-26'-AC48G1-U-FSD-1-0-W

| EX2DI | DIRECT SHIELDING | INDIRECT SHIELDING | DIRECT SOURCE | INDIRECT SOURCE | LENGTH OR PATTERN | MOUNTING | VOLTAGE | DRIVER | CIRCUITING | BATTERY & EMERGENCY | FINISH | FIXTURE OPTIONS | CONTROLS |
|-------|------------------|--------------------|---------------|-----------------|-------------------|----------|---------|--------|------------|---------------------|--------|-----------------|----------|
|-------|------------------|--------------------|---------------|-----------------|-------------------|----------|---------|--------|------------|---------------------|--------|-----------------|----------|

| DIRECT SHIELDING | INDIRECT SHIELDING | DIRECT SOURCE <i>QS</i> ^{1,2} | INDIRECT SOURCE <i>QS</i> ^{1,2} |
|--|--|---|---|
| A - Satine Lens <i>QS</i> AL - Drop Lens HE - High Efficiency <i>QS</i> BW - Batwing <i>QS</i> WHE - Asymmetric <i>QS</i> HED - Descent MOD - Mod options available <i>Shielding pg. 2</i> | HE - High Efficiency <i>QS</i> BW - Batwing <i>QS</i> WHE - Asymmetric <i>QS</i> HEA - Ascent MOD - Mod options available <i>Shielding pg. 2</i> | 27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K TW - 2CH Tunable White (2700-6500K, 90CRI) CL - Custom Lumens CW - Custom Watts MOD - Mod options available <i>Lumen Output pg. 2</i> | 27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K TW - 2CH Tunable White (2700-6500K, 90CRI) CL - Custom Lumens CW - Custom Watts MOD - Mod options available <i>Lumen Output pg. 3</i> |

| LENGTH OR PATTERN ³ | MOUNTING ⁴ | VOLTAGE ⁵ | DRIVER | CIRCUITING ⁶ |
|--|---|--|---|---|
| --- Individual Fixture <i>QS</i> --- Continuous Row <i>QS</i> L_x_ - L Shape <i>QS</i> R_x_ - Rectangle <i>QS</i> S_ - Square <i>QS</i> U_x_x_ - U-Shape <i>QS</i> T_x_ - T Shape X_x_x_ - X Shape MOD - Mod options available <i>Length and Pattern pg. 3-4</i> | AC_G_ - (M)AC to Grid <i>QS</i> AC_JB_ - (M)AC to J Box <i>QS</i> AC_ST_ - (M)AC to Structure <i>QS</i> AC5_G_ - 5" Non-Power Canopy AC5_JB_ - 5" Non-Power Canopy SQ_G_ - 5" Square Canopy SQ_JB_ - 5" Square Canopy WA - Wall Mount <i>QS</i> MOD - Mod options available <i>Mounting pg. 4-5</i> | U - Universal <i>QS</i> (120 thru 277V) 1 - 120V <i>QS</i> 2 - 277V <i>QS</i> 3 - 347V <i>Voltage pg. 5</i> | FSD - Factory Select Driver (1%, 0-10v) <i>QS</i> PL2 - Advance Xitanium (1%, 0-10v) OL2 - eldoLED Optotronic (1%, 0-10v) OL4 - eldoLED Optotronic 347v (1%, 0-10v) EE1 - eldoLED ECODrive (1%, 0-10v) ES1 - eldoLED SOLOdrive (0.1%, 0-10v) LH1 - Lutron Hi-lume (1%, EcoSystem) PR1 - Advance Xitanium SR MOD - Mod options available <i>Driver pg. 5</i> | 1 - Single Circuit <i>QS</i> 2 - Dual Circuit M - Multi Circuit E - Emergency <i>QS</i> (entire fixture) N - Night Light <i>QS</i> (entire fixture) <i>Circuiting pg. 6</i> |

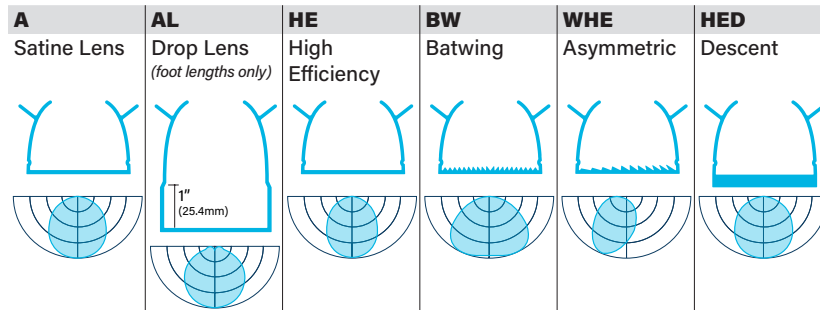
| BATTERY & EMERGENCY ⁷ | FINISH | FIXTURE OPTIONS ⁸ | CONTROLS ⁹ |
|---|---|---|---|
| 0 - None <i>QS</i> FSB - Factory Select Battery <i>QS</i> FSG - Factory Select ALCR GI - Iota ETS DR GB - Bodine GTD ILL - Iota 10W PLL - Bodine 10W MOD - Mod options available <i>Battery and Emergency pg. 6</i> | W - White <i>QS</i> S - Metallic Silver <i>QS</i> BL - Textured Black <i>QS</i> BR - Bronze GR - Graphite CC - Custom Color <i>Finish pg. 6</i> | QS - QuickShip <i>QS</i> DSP - Customer Supplied Battery/Driver/ Sensor MOD - Mod options available <i>Fixture Options pg. 7</i> | DLMFC - Wattstopper DLM (wired) DLMFS - Wattstopper LLC (wireless) EASYS - Philips EasySense (wireless) SNSLM - Encelium Sensilum (wireless) WVLX - Eaton Wavelinx (wireless) VDO - Lutron Vive Sensor (wireless) VRF - Lutron Vive Connected (wireless) ENL - Enlighted (wireless) MOD - Mod options available <i>Controls pg. 7</i> |

¹When specifying SOURCE the first _ is for specifying either **8** - 80CRI, **9** - 90CRI. The ending _ are for specifying output, example 835HO - 80CRI, 3500K High Output. See output charts for more information. ²When specifying Tunable White, use **TW** and then specify output, example TWHO - Tunable White 90CRI, High Output 2700-6500K. See output charts for more information. Tunable White option requires driver option **FSD** which provides separate 0-10v control leads for Intensity and CCT. 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 AC Cable: Standard single AC = **AC** or Movable AC = **MAC**; Specify AC length standard AC is 48"; Specify grid: **G1**=15/16", **G9**=9/16", **GS**=Screw Slot. Example: AC48G1 ⁵Tunable White (**TW**) option only available with Universal (**U**), 120V (**1**) or 277V (**2**) options. ⁶Consult factory for Emergency (**E**) or Night Light (**N**) options with Tunable White (**TW**) option. ⁷Enter quantity for Battery and Emergency, Example 2P. ⁸When ordering QuickShip, **QS** must be used in fixture options section of part number to qualify. 1/8" increments not available for QS. ⁹Controls can only be used with Single Circuit (**1**) or Emergency Circuit (**E**). See Controls chart on page 5 for driver options and more information.

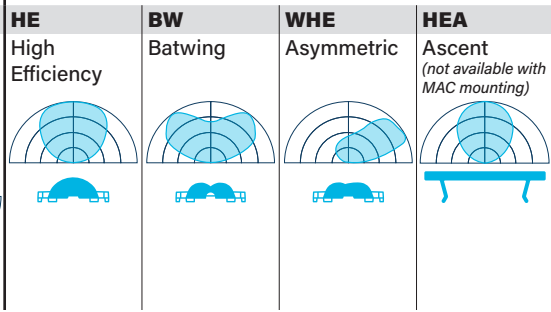
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Direct Shielding



Indirect Shielding



Shielding: MOD Options

- Specify **MOD** in the part number for any of the below options
- MOD specifications are subject to longer lead-times. Consult factory for more information

MOD Clear lens overlay

Direct Source

- Specify either 80 or 90 CRI for White light LED
- Longer lead-time may apply for 90 CRI or Tunable White option. Consult factory
- Tunable White option requires driver option FSD which provides separate 0-10v control leads for Intensity and CCT.
- Tunable White lumen packages shown at 4000K CCT setpoint
- 90 CRI = R9≥50

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 |
| CLTW _____ | Specify desired lumens for Tunable White (i.e. CLTW3200) | Specify lumens between Tunable White offering listed below. Lumens are specified at 4000K CCT setpoint. |

80 CRI

| | Color | Lumens per foot | Shielding ¹ | | | | | | | | | | | |
|---------------|-------|--------------------|------------------------|----------|-------------|----------|------------------------|----------|----------------|----------|-------------------|----------|----------------|----------|
| | | | A | | AL | | HE | | BW | | WHE | | HED | |
| | | | Satine LPW | Watts/ft | Drop LPW | Watts/ft | High Efficiency LPW | Watts/ft | Batwing LPW | Watts/ft | Asymmetric LPW | Watts/ft | Descent LPW | Watts/ft |
| 830 | 3000K | 500 | 101 | 4.9 | 101 | 4.9 | 119 | 4.2 | 119 | 4.2 | 116 | 4.3 | 98 | 5.1 |
| 830HO | | 750 | 101 | 7.4 | 103 | 7.3 | 119 | 6.3 | 119 | 6.3 | 116 | 6.5 | 99 | 7.6 |
| 830VHO | | 1000 | 103 | 9.8 | 105 | 9.5 | 122 | 8.2 | 122 | 8.2 | 119 | 8.4 | 99 | 10.1 |
| 835 | 3500K | 500 | 102 | 4.9 | 105 | 4.8 | 123 | 4.1 | 123 | 4.1 | 120 | 4.2 | 101 | 5.0 |
| 835HO | | 750 | 104 | 7.2 | 107 | 7.0 | 123 | 6.1 | 123 | 6.1 | 120 | 6.3 | 101 | 7.5 |
| 835VHO | | 1000 | 106 | 9.4 | 107 | 9.3 | 126 | 8.0 | 126 | 7.9 | 123 | 8.2 | 102 | 9.8 |
| 840 | 4000K | 500 | 102 | 4.9 | 105 | 4.8 | 123 | 4.1 | 123 | 4.1 | 120 | 4.2 | 101 | 5.0 |
| 840HO | | 750 | 104 | 7.2 | 107 | 7.0 | 123 | 6.1 | 123 | 6.1 | 120 | 6.3 | 101 | 7.5 |
| 840VHO | | 1000 | 106 | 9.4 | 107 | 9.3 | 126 | 8.0 | 126 | 7.9 | 123 | 8.2 | 102 | 9.8 |

90 CRI

| | | | | | | | | | | | | | | |
|---------------|-------|------|----|------|----|------|-----|------|-----|------|-----|------|----|------|
| 927 | 2700K | 500 | 82 | 6.1 | 83 | 6.0 | 99 | 5.1 | 99 | 5.1 | 96 | 5.2 | 79 | 6.4 |
| 927HO | | 750 | 84 | 9.0 | 85 | 8.8 | 98 | 7.6 | 99 | 7.6 | 98 | 7.7 | 80 | 9.3 |
| 927VHO | | 1000 | 82 | 12.2 | 83 | 12.0 | 100 | 10.0 | 100 | 10.0 | 97 | 10.3 | 79 | 12.7 |
| 930 | 3000K | 500 | 89 | 5.6 | 91 | 5.5 | 105 | 4.7 | 106 | 4.7 | 103 | 4.9 | 86 | 5.8 |
| 930HO | | 750 | 91 | 8.3 | 93 | 8.1 | 108 | 7.0 | 108 | 7.0 | 105 | 7.1 | 88 | 8.5 |
| 930VHO | | 1000 | 90 | 11.1 | 92 | 10.8 | 108 | 9.3 | 108 | 9.2 | 107 | 9.4 | 86 | 11.6 |
| 935 | 3500K | 500 | 89 | 5.6 | 91 | 5.5 | 105 | 4.8 | 105 | 4.8 | 103 | 4.9 | 86 | 5.8 |
| 935HO | | 750 | 90 | 8.3 | 92 | 8.1 | 107 | 7.0 | 107 | 7.0 | 105 | 7.2 | 88 | 8.6 |
| 935VHO | | 1000 | 90 | 11.1 | 92 | 10.9 | 108 | 9.3 | 108 | 9.3 | 106 | 9.4 | 86 | 11.7 |
| 940 | 4000K | 500 | 89 | 5.6 | 91 | 5.5 | 105 | 4.8 | 105 | 4.8 | 103 | 4.9 | 86 | 5.8 |
| 940HO | | 750 | 90 | 8.3 | 92 | 8.1 | 107 | 7.0 | 107 | 7.0 | 105 | 7.2 | 88 | 8.6 |
| 940VHO | | 1000 | 90 | 11.1 | 92 | 10.9 | 108 | 9.3 | 108 | 9.3 | 106 | 9.4 | 86 | 11.7 |

2 CH Tunable White (2700-6500K, 90CRI)

| | | | | | | | | | | | | |
|-------|--------------|------|------|------|-----|------|-----|------|-----|------|-----|-----|
| TW | 2700 - 6500K | 500 | 79.0 | 6.3 | N/A | 95.8 | 5.2 | 93.9 | 5.4 | 93.3 | 5.4 | N/A |
| TWHO | | 750 | 74.9 | 10.0 | | 92.9 | 8.1 | 89.9 | 8.3 | 89.9 | 8.3 | |
| TWVHO | | 1000 | N/A | | | N/A | | N/A | | N/A | | |



Indirect Source

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 |
| CLTW _____ | Specify desired lumens for Tunable White (i.e. CLTW3200) | Specify lumens between Tunable White offering listed below. Lumens are specified at 4000K CCT setpoint |

80 CRI

| | Color | Lumens per foot | Shielding¹ | | BW | | WHE | | HEA | |
|---------------|-------|--------------------|------------|----------|---------|----------|------------|----------|--------|----------|
| | | | HE | | Batwing | | Asymmetric | | Ascent | |
| | | | LPW | Watts/ft | LPW | Watts/ft | LPW | Watts/ft | LPW | Watts/ft |
| 830 | 3000K | 500 | 140 | 3.6 | 131 | 3.8 | 119 | 4.2 | 125 | 4.0 |
| 830HO | | 750 | 146 | 5.1 | 135 | 5.5 | 119 | 6.3 | 125 | 6.0 |
| 830VHO | | 1000 | 147 | 6.8 | 137 | 7.3 | 122 | 8.2 | 128 | 7.8 |
| 835 | 3500K | 500 | 145 | 3.4 | 135 | 3.7 | 123 | 4.1 | 125 | 4.0 |
| 835HO | | 750 | 151 | 5.0 | 141 | 5.3 | 122 | 6.1 | 129 | 5.8 |
| 835VHO | | 1000 | 148 | 6.8 | 141 | 7.1 | 126 | 8.0 | 133 | 7.5 |
| 840 | 4000K | 500 | 145 | 3.4 | 135 | 3.7 | 123 | 4.1 | 125 | 4.0 |
| 840HO | | 750 | 151 | 5.0 | 141 | 5.3 | 122 | 6.1 | 129 | 5.8 |
| 840VHO | | 1000 | 148 | 6.8 | 141 | 7.1 | 126 | 8.0 | 133 | 7.5 |

90 CRI

| | | | | | | | | | | |
|---------------|-------|------|-----|-----|-----|-----|-----|------|-----|-----|
| 927 | 2700K | 500 | 118 | 4.2 | 110 | 4.5 | 99 | 5.1 | 102 | 4.9 |
| 927HO | | 750 | 118 | 6.4 | 110 | 6.8 | 98 | 7.6 | 104 | 7.2 |
| 927VHO | | 1000 | 121 | 8.3 | 113 | 8.9 | 100 | 10.0 | 105 | 9.5 |
| 930 | 3000K | 500 | 124 | 4.0 | 120 | 4.2 | 105 | 4.7 | 111 | 4.5 |
| 930HO | | 750 | 129 | 5.8 | 120 | 6.3 | 107 | 7.0 | 111 | 6.8 |
| 930VHO | | 1000 | 132 | 7.6 | 123 | 8.2 | 108 | 9.3 | 114 | 8.8 |
| 935 | 3500K | 500 | 124 | 4.0 | 120 | 4.2 | 105 | 4.8 | 111 | 4.5 |
| 935HO | | 750 | 128 | 5.8 | 119 | 6.3 | 107 | 7.0 | 110 | 6.8 |
| 935VHO | | 1000 | 132 | 7.6 | 122 | 8.2 | 107 | 9.3 | 113 | 8.8 |
| 940 | 4000K | 500 | 124 | 4.0 | 120 | 4.2 | 105 | 4.8 | 111 | 4.5 |
| 940HO | | 750 | 128 | 5.8 | 119 | 6.3 | 107 | 7.0 | 110 | 6.8 |
| 940VHO | | 1000 | 132 | 7.6 | 122 | 8.2 | 107 | 9.3 | 113 | 8.8 |

2 CH Tunable White (2700-6500K, 90CRI)

| | | | | | | | | |
|--------------|------------|------|-------|-----|-------|-----|-----|-----|
| TW | 2700-6500K | 500 | 118.4 | 4.2 | 109.6 | 4.6 | N/A | N/A |
| TWHO | | 750 | 114.3 | 6.6 | 105.4 | 7.1 | | |
| TWVHO | | 1000 | 110.3 | 9.1 | 101.3 | 9.9 | | |

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 | | Required Driver | Required Control |
|------------|--------------------------|-----------------|------------------|
| | | EC1/EC4 | DMX |
| | Color Changing RGB LED | | |
| | Color Changing RGB-W LED | EC1/EC4 | DMX |

Length

- For Continuous Runs, add 3/16" (4.7mm) for each end plate or 3/8" (9.5mm) to the overall length of the row

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | — |
|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|--|
| Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Cont. Run |
| 24-3/8" (619.1mm) | | | | | | | Specify nominal overall row length to the 1/8" Longer lead-time may apply for lengths to the 1/8" Consult factory. |
| 36-3/8" (934.8mm) | | | | | | | |
| 48-3/8" (1228.7mm) | | | | | | | |
| 60-3/8" (1533.5mm) | | | | | | | |
| 72-3/8" (1838.3mm) | | | | | | | |
| 84-3/8" (2143.1mm) | | | | | | | |
| 96-3/8" (2447.9mm) | | | | | | | |

Specify to the 1/8" >>>>

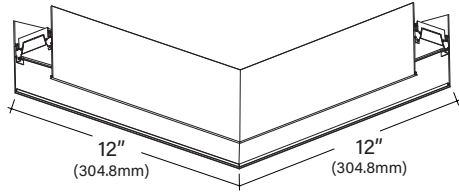
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Pattern



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

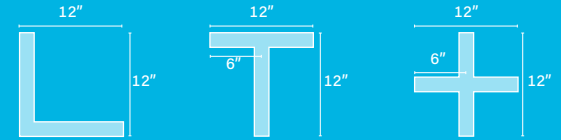
| S_ | R x_ | U x x_ | L x_ | T x_ | X x_ |
|--|--|--|--|--|--|
| Square Provide A Example: S4' Minimum Length- 4'x4' | Rectangle Provide AxB Example: R4'x4' Minimum Length- 4'x4' | U-Shape Provide AxBxC Example: U3'x4'x3' Minimum Length- 3'x4'x3' | L-Shape Provide AxB Example: L3'x3' Minimum Length- 3'x3' | T-Shape Provide AxB Example: T3'x5' Minimum Length- 3'x5' | X-Shape Provide AxB Example: X5'x5' Minimum Length- 5'x5' |
| | | | | | |

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

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

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

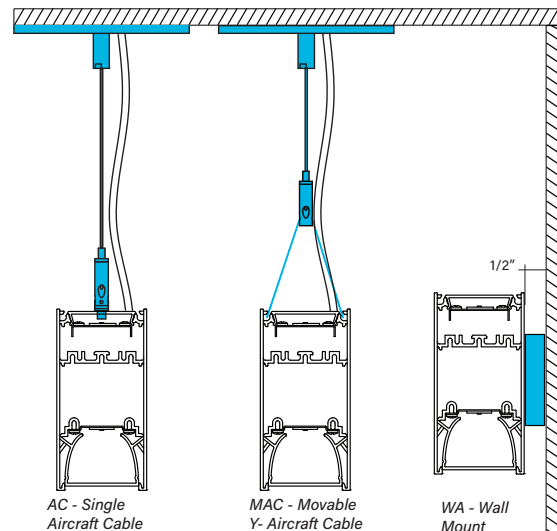


Mounting

- Specify cable length in ordering code (AC48G1)
- Standard specifiable lengths are 48", 120", 240" and 350"
- End plates and power cord attached at factory
- Aircraft cable (AC) mounts on 4' (1219.2mm) and 8' (2438.4mm) centers
- Maximum recommended movable mounting locations are 12" from end of 4' fixture and 18" from end of 8' fixture
- Aircraft Cable supplied with 5" (127mm) power and 2" (50.8mm) non-power canopies
- Canopies and pendants match fixture finish, power cords are white or black depending on fixture finish. See Finish section for additional details.

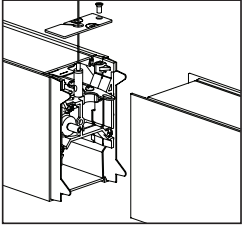
- Approved for dry/damp location unless otherwise noted
- Refer to installation instructions during installation at the job site
- Maximum fixture weight is 25 lbs for a standard 4' fixture
- AC_GS and MAC_GS - works with screw slot and bolt slot grid ceiling types
- Wall Mount - ADA Compliant, bracket is 1/2" off wall
- MAC options not available with HEA lens option
- 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 1" (15/16") T-Bar |
| AC_G9 | Aircraft Cable 9/16" T-Bar |
| AC_GS | Aircraft Cable Screw Slot T-Bar |
| AC_JB | Aircraft Cable Junction Box |
| AC_ST | Aircraft Cable Structure |
| AC5_G | Aircraft Cable 5" (127mm) Non-Power Canopy |
| AC5_JB | Aircraft Cable 5" (127mm) Non-Power Canopy |
| SQ_G | Aircraft Cable 5" (127mm) Square Canopy |
| SQ_JB | Aircraft Cable 5" (127mm) Square Canopy |
| MAC_G1 | Movable AC 1" (15/16") T-Bar |
| MAC_G9 | Movable AC 9/16" T-Bar |
| MAC_GS | Movable AC Screw Slot T-Bar |
| MAC_JB | Movable AC Junction Box |
| MAC_ST | Movable AC Structure |
| MAC5_G | Movable AC 5" (127mm) Non-Power Canopy |
| MAC5_JB | Movable AC 5" (127mm) Non-Power Canopy |
| MSQ_G | Movable AC 5" (127mm) Square Canopy |
| MSQ_JB | Movable AC 5" (127mm) Square Canopy |
| WA | Wall Mount |





Straight EDGE Joint System



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

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 Pendant Pipe

Voltage

- Some EX2DI configurations will not accommodate all voltage options; consult with factory
- 347 volt not available with Tunable White (TW) option

| | |
|----------|-----------|
| 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 EX2DI 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 | eldoLED Optotronic 1%, 0-10v |
| OL4 | eldoLED 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, 0.1% Logarithmic |
| ES2 | eldoLED SOLOdrive 0-10v, 0% Linear |
| OL5 | Advance Xitanium 1%, 0-10v, AUX, Dim to Off |
| PL5 | eldoLED Optotronic 1%, 0-10v, AUX, Dim to Off |
| DALI Drivers | |
| EE3 | eldoLED ECOdrive 1%, DALI 2, Logarithmic, DT6 |
| ES3 | eldoLED SOLOdrive 0.1%, DALI 2, Logarithmic, DT6 |
| OD1 | eldoLED Optotronic 1%, DEXAL |
| EE4 | eldoLED ECOdrive 1%, DALI 2, Linear, DT6 |
| ES4 | eldoLED SOLOdrive 0.1%, DALI 2, Linear, DT6 |
| PR1 | Advance Xitanium SR, DALI 2, Self powered link |
| Lutron Drivers | |
| LH1 | Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1 |
| Alternate Drivers | |
| PS1 | Signify Advance Xitanium Step Dimming 50%/100% |
| EH1 | ELV 120v only, 0-10v universal |

Drivers: 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

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EX2DI_LED_SPEC_JUNE2025



How to Specify Circuiting, Battery and Emergency

- 1
 - Select fixture circuiting from options below
 - Some EX2DI configurations will not accommodate all circuiting options, consult with factory
 - Consult factory for Emergency (E) or Night Light (N) circuit with Tunable White (TW) option

Circuiting

| | |
|----------|--------------------------|
| 1 | Single Circuit |
| 2 | Dual Circuit |
| M | Multi Circuit |
| E | Emergency Circuit only |
| 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 EX2DI configurations will not accommodate all circuiting options, consult with factory

Battery and/or Emergency If Required

| | |
|----------|---|
| 0 | No battery or specific emergency section required |
|----------|---|

Battery

- Select battery section type if required, indicate total QTY. *Example 2PL*
- 90 minute battery runtime; test button location dependent on configuration, consult factory
- No battery option available for 2' or 3' lengths
- Entire direct fixture housing is on battery for lengths up to 5'

| | |
|---------------|--|
| 0 | No Battery |
| _FSB | Factory Select Battery (10w option) |
| _FSBST | Factory Select Battery (10w, Self Testing) |
| _PLL | Bodine 10w Integral Lithium, Self Testing |
| _ILL | Iota 10w Integral Lithium, Self Testing |

- Half of direct fixture is on battery for 6' or 8' housing lengths
- For more battery options available, see Pinnacle Resource Guide
- For Tunable White (TW) option, battery will illuminate 6500K LED unless otherwise specified

For Approximate Battery Lumen Output

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

Emergency

- Select emergency section type if required, indicate total QTY. *Example 1E*
- Combine battery and emergency section ordering codes if both options are selected
- Consult factory for Emergency Control Devices with Tunable White (TW) option

| | |
|-------------|--|
| _FSG | Factory Select ALCR Emergency Control Device, UNV |
| _GI | Iota ETS-DR, Emergency Control Device, UNV |
| _GB | Bodine GTD, Emergency Control Device, 120v or 277v |
| _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: 1-1PLL
- Emergency only, 10w Integral Battery Ordering Code: E-1PLL
- Single circuit, GTD required Ordering Code: 1-1GB

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>(white 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> |



Fixture Options

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

| | |
|------------|---|
| QS | Quick Ship |
| DSP | Customer Supplied Battery/Driver/Sensor |

Quick Ship

| Shielding | CRI, CCT & Output | Mounting | Voltage | Driver | Circuiting | Battery | Finish | |
|---|---|---|--|----------------------------------|-------------------------------------|--|--|--|
| 10-Day | | | | | | | | |
| A - Direct HE - Direct BW - Direct WHE - Direct HE - Indirect BW - Indirect WHE - Indirect | 80 CRI, all color temperatures, all lumen packages <i>See pg 2</i> | (M)AC48G (M)AC48JB (M)AC48ST W | (M)AC to Grid (M)AC to J-BOX (M)AC to Structure Wall Mount | U 1 2 | Universal (120-277) 120V 277V | FSD Factory Select Driver (1%, 0-10v) | 1 Single Circuit E Emergency N Night Light 0 _FSB None Factory Select Battery | W White S Silver BL Black |

All lengths and continuous rows up to 1,000 ft OR 150 individual fixtures. Black QuickShip only available in 4', 6', and 8' individual lengths. Consult factory for larger projects.

Fixture Options: 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 | Remote Driver |
| | End Power Feed |

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 per sensor typical, consult factory for more information
- Consult factory for available Controls with Tunable White (TW) option

| | Solution | Components | Network/Sensor | Connection | Required Drivers | Limitation |
|--------------|--------------------------|-----------------------|-----------------------------------|-----------------------|------------------|-----------------------------|
| DLMFC | Legrand Wattstopper DLM | LMFC-011 | Digital Lighting Management (DLM) | Wired, one RJ45 ports | OL2, OL4 | Not available with Battery |
| DLMFS | Legrand Wattstopper LLLC | LMFS-601-W / LMFI-111 | Wireless DLM Fixture Sensor | Wireless | OD1, PR1, 0-10v | 0-10v requires interface |
| EASYS | Philips EasySense | SNS-210 | Daylight/PIR Occupancy | Wireless to switches | PR1 | Not available with 347 volt |
| SNSLM | Encelium Sensilum | EN-CLM-PIR-DD-ZB | Encelium, Daylight/PIR Occupancy | Wireless | OD1, OL5 | Not available with 347 volt |
| WLVX | Eaton Wavelinx | SWPD1, NSP3IVMVDC1 | 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 |
| ENLI | Enlighted | SU-5E-IOT, CU-4E | Enlighted, Daylight/PIR Occupancy | Wireless | Any 0-10v | Not available with 347 volt |
| ENLC | Enlighted | SU-5E-CL, CU-4E | Enlighted, Daylight/PIR Occupancy | Wireless | Any 0-10v | Not available with 347 volt |

Controls: MOD Options

- Specify **MOD** in the part number for any of the below options
- Control** Options may require specific driver. Refer to the chart below
- Consult factory for **MOD** specification details, pricing, and lead-time information

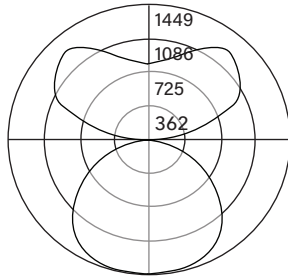
| MOD | | Required Driver |
|------------|--------------------------------------|-----------------|
| | Encelium Sensilum | OD1, OL5 |
| | Enlighted (Wireless) - ENLI | Any 0-10v |
| | Enlighted (Wireless) - ENLC | Any 0-10v |
| | Acuity nLight Air Wireless Connected | EE6, ES6 |



Photometrics

Satine Lens - Open

Test # Scaled from ITL93235 & ITL94661
Catalog # EX2DI-BW-BW-840HO-840VHO-4
Lumens 8000 lm
Watts 60.1 W
Efficacy 133 LPW



Candela Distribution

| Vert Angle | Horizontal Angle | | | | |
|---------------|------------------|------|------|------|------|
| | 0 | 22.5 | 45 | 67.5 | 90 |
| 0 | 1448 | 1448 | 1448 | 1448 | 1448 |
| 5 | 1441 | 1442 | 1445 | 1448 | 1449 |
| 10 | 1420 | 1422 | 1434 | 1444 | 1446 |
| 15 | 1385 | 1386 | 1413 | 1433 | 1437 |
| 25 | 1268 | 1274 | 1326 | 1360 | 1370 |
| 35 | 1100 | 1111 | 1172 | 1205 | 1211 |
| 45 | 890 | 905 | 958 | 982 | 987 |
| 55 | 663 | 678 | 717 | 732 | 728 |
| 65 | 435 | 445 | 471 | 470 | 466 |
| 75 | 219 | 225 | 237 | 228 | 224 |
| 85 | 47 | 53 | 55 | 49 | 46 |
| 90 | 7 | 52 | 92 | 86 | 93 |
| 95 | 73 | 144 | 225 | 208 | 195 |
| 105 | 221 | 300 | 495 | 562 | 539 |
| 115 | 369 | 438 | 649 | 873 | 925 |
| 125 | 486 | 570 | 785 | 1011 | 1089 |
| 135 | 572 | 666 | 906 | 1111 | 1185 |
| 145 | 655 | 725 | 934 | 1131 | 1207 |
| 155 | 729 | 768 | 892 | 1005 | 1052 |
| 165 | 784 | 799 | 848 | 892 | 909 |
| 175 | 811 | 814 | 819 | 823 | 826 |
| 180 | 814 | 814 | 814 | 814 | 814 |

Luminance Data (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 22880 | 22482 | 22417 |
| 55 | 20964 | 19957 | 19378 |
| 65 | 18597 | 16732 | 15551 |
| 75 | 15161 | 12143 | 10442 |
| 85 | 9288 | 5344 | 3744 |

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: 6063-T6 Extruded aluminum housing. Highly reflective steel white painted reflector.

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

Mounting: Aircraft cable and wall mount available. Select from 2 aircraft cable options. Select the straight aircraft cable that mounts on 4'-0" (1219.2mm) and 8'-0" (2438.4mm) centers or the movable adjustable Y-cable mount. The Y-Cable design allows for adjustable mounting locations. Aircraft Cable supplied with 5" (127mm) power and 2" (50.8mm) non-power canopies. Refer to installation instructions for appropriate ceiling detail. Canopies are painted white unless otherwise specified. Maximum fixture weight is 20 lbs. for a standard 4' fixture.

White LED: 25°C test environment. Lumen output/wattage has a margin of +/- 5%; 2' or 3' lengths may have a greater wattage deviation. 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. TM-21-21 Lifetime Rating L70 = >72,000 hours, L90 = 69,700 hours. MacAdam 3-Step Ellipses. For all available IES files, please visit our website at pinnacle-ltg.com.

Tunable White LED: 2 channel solution with 2700K and 6500K LED, 90CRI only, R9 >50. Lumen packages available shown at 4000K CCT setpoint, lumen output varies based on CCT. Use multipliers for other CCT; 2700K = .91 3000K=.93 3500K=.97 4000K=1.0 5000K=1.044 6500K=1.078.

CRI, CCT & Output: Not all lumen packages available. 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. 90 CRI = R9≥50.

Voltage: Universal (U), 120 volt (1), 277 volt (2) and 347 volt (3) options available. Must specify PL4 or 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 Factory Select Driver 0-10V, 1% = FSD. Electronic driver, Power factor is >0.9 with a THD <20%. Driver Lifetime: 50,000 hours at 25°C ambient operating conditions. Ambient operating range: -20°F/-30°C to 122°F/50°C. For more driver options, see Pinnacle Resource Guide. Some EDGE configurations will not accommodate all driver options.

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

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

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

Controls: Standard options available, refer to Controls section table for available options, component part number(s), connection type, required driver and limitations. Mod options available, consult with factory.

Labels: UL and cUL 2108 or 1598 listed depending on product configuration. Standard, HO and VHO lumen packages are IC Rated, approved for dry/damp location unless otherwise noted.

Sustainability: All EDGE models are Living Building Challenge (LBC) Declared with third-party verification. The Declare Label from ILFI provides transparent insights into materials, sourcing, and environmental impact, promoting informed, sustainable choices that benefit both people and the planet. View the label here.

Fixture Weight: Maximum fixture weight is 25lbs per 4' fixture.

Buy American Act Compliant

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