

EDGE EX6BWET

6" Suspended Bidirectional Linear WET

Key Features

- Approved for wet location unless otherwise noted. IP65 and IK10 rated
- 6063-T5 Extruded aluminum housing
- Highly reflective die-formed white painted reflector
- All-inclusive module houses all LED system components in one compact unit
- Unit easily releases from the housing for room-side maintenance
- Wiring access available through bottom of housing
- 5-year limited warranty covers LED, driver and fixture
- ETL listed conforming to UL 1598 in US and CSA 250 in Canada



Example Part #: EX6B-WET-O-830HO-830-8'-IND-PP18JB-U-OL2-1-0-W

EX6B - WET - O

DIRECT SHIELDING INDIRECT SHIELDING DIRECT OUTPUT INDIRECT OUTPUT LENGTH POSITION MOUNTING VOLTAGE DRIVER CIRCUITING BATTERY & EMERGENCY FINISH FIXTURE OPTIONS CONTROLS

| WET | O | ----- | ----- | |
|--|---|---|--|---|
| DIRECT SHIELDING | INDIRECT SHIELDING | DIRECT CRI, CCT & OUTPUT ¹ | INDIRECT CRI, CCT & OUTPUT ¹ | |
| WET - Satine Wet Lens <i>Shielding pg. 2</i> | O - Open <i>Shielding pg. 2</i> | _27_ - 2700K _30_ - 3000K _35_ - 3500K _40_ - 4000K _50_ - 5000K CL - - - - - Custom Lumens CW - - - - - Custom Watts <i>Lumen Output pg. 2</i> | _27_ - 2700K _30_ - 3000K _35_ - 3500K _40_ - 4000K _50_ - 5000K CL - - - - - Custom Lumens CW - - - - - Custom Watts <i>Lumen Output pg. 2</i> | |
| ---- | --- | ----- | - | --- |
| LENGTH ² | POSITION ³ | MOUNTING ⁴ | VOLTAGE | DRIVER |
| _ _ - Individual Fixture <i>Length pg. 2</i> | IND - Individual Fixture BOR - Beginning of Row MOR - Middle of Row EOR - End of Row <i>Position pg. 3</i> | PP_ _JB - Pendant to J Box PP_ _ST - Pendant to Structure WA - Wall Mount <i>Mounting pg. 3</i> | U - Universal (<i>120 thru 277V</i>) 1 - 120V 2 - 277V 3 - 347V <i>Voltage pg. 3</i> | FSD - Factory Select Driver (<i>1%, 0-10v</i>) PL2 - Advance Xitanium (<i>1%, 0-10v</i>) OL2 - eldoLED Optotronic (<i>1%, 0-10v</i>) OL4 - eldoLED Optotronic 347v (<i>1%, 0-10v</i>) EE1 - eldoLED ECOdrive (<i>1%, 0-10v</i>) ES1 - eldoLED SOLOdrive (<i>0.1%, 0-10v</i>) LH1 - Lutron Hi-lume (<i>1%, EcoSystem</i>) PS1 - Advance Xitanium (<i>50%/100%</i>) <i>Driver pg. 3</i> |
| - | --- | -- | ---- | |
| CIRCUITING | BATTERY & EMERGENCY ⁵ | FINISH | FIXTURE OPTIONS ⁶ | CONTROLS |
| 1 - Single Circuit M - Multi Circuit E - Emergency (<i>entire fixture</i>) N - Night Light (<i>entire fixture</i>) <i>Circuiting pg. 4</i> | 0 - None _FSG - Factory Select ALCR _GI - Iota ETS DR _GB - Bodine GTD _ILL - Iota 10W Integral _E - Emergency Section _N - Night Light Section _L - Life Safety Section <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. 4</i> | GLR - Internal Fast Blow Fuse EPF - End Power Feed DSP - Customer Supplied Battery/ Driver/Sensor BA - Buy America(n) Act and/or Build America Buy America Compliant <i>Fixture Options pg. 4</i> | <i>Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.</i> |

¹When specifying 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 nominal 2', 3', 4', 5', 6', 7', & 8' lengths, see pg. 2 for actual lengths. ³Specify position of fixture. Use IND for an individual fixture, use BOR, MOR, or EOR for building connected rows. ⁴Specify pendant length of either 12", 18" or 24". ⁵Enter quantity for Battery and Emergency, Example 2ILL. ⁶Compliance is configuration dependent; consult factory for confirmation.

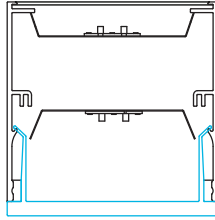
Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.



Direct Shielding

WET

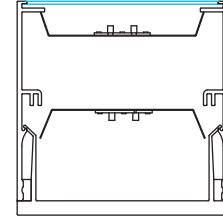
Satine Wet Lens



Indirect Shielding

O

Open, clear lens



Output

- Specify either 80 or 90 CRI
- Longer lead-time may apply for 90 CRI. Consult factory
- 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 |

| 80 CRI | | | | Direct | | Indirect | |
|--------------|-------|----------|-------|--|-------|-------------------------------|-------|
| | Color | Output | Watts | Shielding WET Satine Wet Lumens/ft | LPW | O Open Lumens/ft | LPW |
| 830 | 3000K | Standard | 4.3 | 433 | 100.4 | 686 | 159.1 |
| 830HO | 3000K | High | 8.7 | 783 | 90.5 | 1239 | 143.2 |
| 835 | 3500K | Standard | 4.3 | 442 | 102.5 | 699 | 162.1 |
| 835HO | 3500K | High | 8.7 | 798 | 92.3 | 1264 | 146.1 |
| 840 | 4000K | Standard | 4.3 | 455 | 105.5 | 720 | 167.0 |
| 840HO | 4000K | High | 8.7 | 821 | 94.9 | 1300 | 150.3 |
| 850 | 5000K | Standard | 4.3 | 453 | 105.0 | 718 | 166.5 |
| 850HO | 5000K | High | 8.7 | 819 | 94.7 | 1297 | 149.9 |
| 90 CRI | | | | Direct | | Indirect | |
| 927 | 2700K | Standard | 4.3 | 342 | 79.3 | 542 | 125.7 |
| 927HO | 2700K | High | 8.7 | 619 | 71.6 | 979 | 113.2 |
| 930 | 3000K | Standard | 4.3 | 367 | 85.1 | 582 | 135.0 |
| 930HO | 3000K | High | 8.7 | 664 | 76.8 | 1051 | 121.5 |
| 935 | 3500K | Standard | 4.3 | 388 | 90.0 | 614 | 142.4 |
| 935HO | 3500K | High | 8.7 | 701 | 81.0 | 1110 | 128.3 |
| 940 | 4000K | Standard | 4.3 | 388 | 90.0 | 615 | 142.6 |
| 940HO | 4000K | High | 8.7 | 702 | 81.2 | 1111 | 128.4 |

Length

| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Individual Fixture | Individual Fixture | Individual Fixture | Individual Fixture | Individual Fixture | Individual Fixture | Individual Fixture |
| 27-1/8" (689mm) | | | | | | |
| | 39" (991mm) | | | | | |
| | | 50-3/4" (1289mm) | | | | |
| | | | 62-5/8" (1591mm) | | | |
| | | | | 74-5/8" (1895mm) | | |
| | | | | | 86-1/2" (2197mm) | |
| | | | | | | 98-3/8" (2499mm) |

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

EX6B_WET_LED_SPEC_SEPT2025



Position

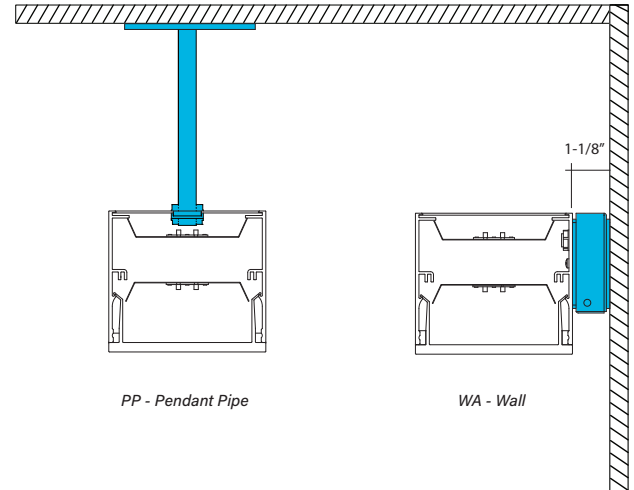
- When making rows with EDGE Wet, the rows must be ordered as individual units with a position specified
- Positions can either be "BOR" - Beginning of Row, "MOR" - Middle of Row, or "EOR" - End of Row
- The connection between fixtures is less than 1/8"
- For single, non-connected units, specify as "IND" for individual

| IND | BOR | MOR | EOR |
|--------------------|------------------|---------------|------------|
| Individual Fixture | Beginning of Row | Middle of Row | End of Row |

Mounting

- 1/2" diameter rigid stem pendant and wall mount available
- Specify overall pendant length of 12", 18" or 24"
- Specify pendant length in ordering code (PP12JB)
- Utilize Surface Mount for in-wall application. Building surface waterproofing by others
- End trims and power cord attached at factory
- Canopies and pendants match fixture finish, see Finish section for additional details
- Approved for wet location unless otherwise noted
- Refer to installation instructions during installation
- Fixtures may only be installed with the direct lens facing down. For an in-wall application with the lens facing outward, please see the EDGE Wet Recessed Spec Sheet.

| | |
|-------|---------------------------|
| PP_JB | Pendant Pipe to J-Box |
| PP_ST | Pendant Pipe to Structure |
| WA | Wall Mount |



PP - Pendant Pipe

WA - Wall

Voltage

- Some EDGE Wet 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 EDGE Wet 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 |
| DALI Drivers | |
| EE3 | eldoLED ECOdrive 1%, DALI 2, Logarithmic, DT6 |
| ES3 | eldoLED SOLOdrive 0.1%, DALI 2, Logarithmic, DT6 |
| Lutron Drivers | |
| LH1 | Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1 |
| Alternate Drivers | |
| PS1 | Advance Xitanium Step Dimming 50%/100% |
| EH1 | ERP 1%, Line Voltage and ELV, requires 120v |



How to specify Circuiting, Battery and Emergency

- 1**
- Select fixture circuiting from options below
 - Some EDGE Wet configurations will not accommodate all circuiting options, consult with factory

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 EDGE Wet 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 2ILL*
- 90 minute battery runtime; test button is integral to the fixture
- No integral battery option available for 2' and 3' lengths

| | |
|-------------|------------------------------------|
| 0 | No Battery |
| _ILL | 10w Integral Lithium, Self Testing |
| _IRC | 10w, Remote, Dual conduit flex |

- 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

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 Emergency Control Device, UNV |
| _GI | 10w 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: 1-1ILL |
| • Emergency only, 10w Integral Battery | Ordering Code: E-1ILL |
| • 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 pendant & canopy</i>) |
| S | Metallic Silver (<i>silver pendant & canopy</i>) |
| BL | Textured Black (<i>black pendant & canopy</i>) |
| BR | Bronze (<i>bronze pendant & canopy</i>) |
| GR | Graphite (<i>graphite pendant & canopy</i>) |
| CC | Custom Color (<i>color match pendant & canopy</i>) |

Fixture Options

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

| | |
|------------|---|
| GLR | Internal Fast Blow Fuse |
| DSP | Customer Supplied Battery/Driver/Sensor |
| EPF | End Power Feed |

- Domestic content option - compliance is configuration dependent; consult factory for conformation

| | |
|-----------|---|
| BA | Buy America(n) Act and/or Build America Buy America Compliant |
|-----------|---|



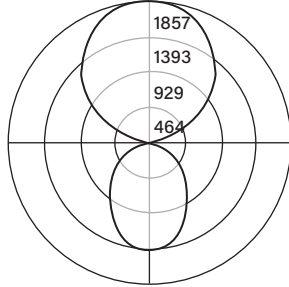
Controls

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

Photometrics

Satine Wet - Open

| | |
|-----------|----------------------|
| Test # | Scaled from ITL86512 |
| Catalog # | EX6-WET-O-840-840-4 |
| Lumens | 8483 lm |
| Watts | 69.2 W |
| Efficacy | 123 LPW |



Candela Distribution

| Vert Angle | Horizontal Angle | | | | |
|---------------|------------------|------|------|------|------|
| | 0 | 22.5 | 45 | 67.5 | 90 |
| 0 | 1399 | 1399 | 1399 | 1399 | 1399 |
| 5 | 1390 | 1390 | 1390 | 1388 | 1387 |
| 15 | 1321 | 1309 | 1310 | 1304 | 1296 |
| 25 | 1180 | 1162 | 1157 | 1143 | 1132 |
| 35 | 987 | 971 | 958 | 935 | 923 |
| 45 | 773 | 759 | 742 | 717 | 705 |
| 55 | 555 | 547 | 532 | 513 | 501 |
| 65 | 356 | 354 | 345 | 333 | 325 |
| 75 | 182 | 185 | 185 | 183 | 179 |
| 85 | 50 | 58 | 66 | 70 | 72 |
| 90 | 2 | 12 | 23 | 31 | 33 |
| 95 | 25 | 33 | 38 | 43 | 45 |
| 105 | 253 | 259 | 218 | 191 | 182 |
| 115 | 619 | 631 | 627 | 634 | 618 |
| 125 | 973 | 977 | 986 | 1017 | 997 |
| 135 | 1272 | 1273 | 1305 | 1294 | 1297 |
| 145 | 1526 | 1518 | 1519 | 1530 | 1527 |
| 155 | 1691 | 1674 | 1696 | 1684 | 1683 |
| 165 | 1797 | 1790 | 1798 | 1801 | 1803 |
| 175 | 1848 | 1850 | 1847 | 1850 | 1851 |
| 180 | 1856 | 1856 | 1856 | 1856 | 1856 |

Luminance Data (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 5883 | 5445 | 5117 |
| 55 | 5200 | 4727 | 4383 |
| 65 | 4505 | 4048 | 3725 |
| 75 | 3715 | 3333 | 3107 |
| 85 | 2895 | 2756 | 2752 |

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 or IAS accredited testing laboratory. Testing conducted at 25°C ambient conditions

Applications & Certificates

Construction 6063-T5 extruded aluminum housing with welded ends. Internal lens gaskets seal housing to prevent moisture and debris from entering the fixture. Pressure equalizing vent allows fixture to “breathe” preventing condensation.

Shielding Solid acrylic diffuse snap-in lens with matte finish with an EPDM gasketed for complete wet seal

Mounting Fixtures can be installed individually or connected for a continuous run appearance. IND fixtures are individual fixtures and have no joining holes. IND fixtures cannot be joined. BOR fixtures are used for beginning of row and have joining holes on non-power end of fixture. MOR fixtures are used for middle of row and have joining holes on both ends of fixture. EOR fixtures are used for the end of a row and have no joining holes on power end of fixture. Consult factory for detailed installation instructions.

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. Lifetime Projection L70 = 136,200 hours and L90 = 41,100 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. 90 CRI = R9≥50.

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 Wet 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/34°C. For more driver options, see Pinnacle Resource Guide. Some EDGE Wet configurations will not accommodate all driver options.

Circuiting Select from single circuit (1), dual circuit (2), Multi circuit - For multiple circuiting and zone control, requires factory shop drawing (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 integral 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 Consult Factory

Buy America Act (BAA) and Build America, Buy America Act (BABA) Compliance: BAA and/or BABA compliance options are available to support federally funded projects requiring domestic content. Availability depends on configuration; Compliance is configuration-dependent; consult factory for confirmation.

Labels UL and cUL 1598 listed. IP65 and IK10 rated.

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