

# EDGE EX6BWET

6" Suspended Bidirectional Linear WET

## Key Features

- Approved for wet location unless otherwise noted. IP65 and IK10 rated
- Fixture is built using corrosion resistant materials
- 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
- UL and cUL listed
- Buy American Act compliant



Example Part #: EX6B-WET-O-830HO-830-8'-IND-PP18JB-U-OL1-1-0-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	INDIRECT CRI, CCT & OUTPUT
<b>WET</b> - Satine Wet Lens Shielding pg. 2	<b>O</b> - Open Shielding pg. 2	<b>27</b> _ - 2700K <b>30</b> _ - 3000K <b>35</b> _ - 3500K <b>40</b> _ - 4000K <b>CL</b> _ _ _ - Custom Lumens <b>CW</b> _ _ _ - Custom Watts Lumen Output pg. 2	<b>27</b> _ - 2700K <b>30</b> _ - 3000K <b>35</b> _ - 3500K <b>40</b> _ - 4000K <b>CL</b> _ _ _ - Custom Lumens <b>CW</b> _ _ _ - Custom Watts Lumen Output pg. 2

Example: 830HO is 8 = 80 CRI; 30 = 3000K; HO = High Output; Blank = Standard Output

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LENGTH <sup>1</sup>	POSITION <sup>2</sup>	MOUNTING <sup>3</sup>	VOLTAGE	DRIVER
_ _ - Individual Fixture Length pg. 2	<b>IND</b> - Individual Fixture <b>BOR</b> - Beginning of Row <b>MOR</b> - Middle of Row <b>EOR</b> - End of Row Position pg. 3	<b>PP</b> _ _ <b>JB</b> - Pendant to J Box <b>PP</b> _ _ <b>ST</b> - Pendant to Structure <b>WA</b> - Wall Mount Mounting pg. 3	<b>U</b> - Universal (120 thru 277V) <b>1</b> - 120V <b>2</b> - 277V <b>3</b> - 347V Voltage pg. 3	<b>OL1</b> - Osram (10%, 0-10v, standard) <b>OL2</b> - Osram (1%, 0-10v) <b>OL3</b> - Osram 347v (10%, 0-10v) <b>EE1</b> - eldoLED ECOdrive (1%, 0-10v) <b>ES1</b> - eldoLED SOLOdrive (0%, 0-10v) <b>LH1</b> - Lutron Hi-lume (1%, EcoSystem) <b>L51</b> - Lutron 5-Series (5%, EcoSystem) <b>PL2</b> - Philips Xitanium (1%, 0-10v) <b>PS1</b> - Philips Xitanium (50%/100%) <b>ND</b> - Non-Dimming Driver pg. 3

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CIRCUITING	BATTERY & EMERGENCY <sup>4</sup>	FINISH	FIXTURE OPTIONS	CONTROLS
<b>1</b> - Single Circuit <b>M</b> - Multi Circuit <b>E</b> - Emergency (entire fixture) <b>N</b> - Night Light (entire fixture) Circuiting pg. 4	<b>0</b> - None <b>P</b> - Philips Bodine 10W <b>I</b> - Iota 10W Integral <b>IC</b> - Iota 10W Integral (CEC Listed) <b>E</b> - Emergency Section <b>N</b> - Night Light Section <b>L</b> - Life Safety Section <b>G</b> - Philips Bodine GTD Battery and Emergency pg. 4	<b>W</b> - White <b>S</b> - Metallic Silver <b>BL</b> - Textured Black <b>BR</b> - Bronze <b>GR</b> - Graphite <b>CC</b> - Custom Color Finish pg. 4	<b>GLR</b> - Internal Fast Blow Fuse <b>EPF</b> - End Power Feed <b>CC-C</b> - Custom Color Canopy <b>CC-P</b> - Custom Color Pendant Fixture Options pg. 5	Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.

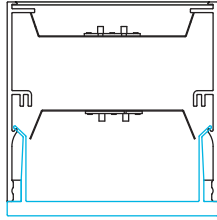
<sup>1</sup> Individual fixtures come in nominal 2', 3', 4', 5', 6', 7', & 8' lengths, see pg. 2 for actual lengths. <sup>2</sup> Specify position of fixture. Use IND for an individual fixture, use BOR, MOR, or EOR for building connected rows. <sup>3</sup> Specify pendant length of either 12", 18" or 24". <sup>4</sup> Enter quantity for Battery and Emergency, Example 2P.

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.



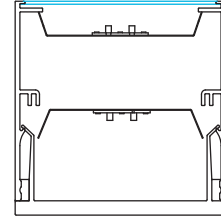
**Direct Shielding**

**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
- 80 CRI = R9≥19 and 90 CRI = R9≥61

**Custom Output- Lumens OR Wattage**

**CL** \_\_\_\_\_ Specify CRI, CCT and desired lumens (i.e. CL835500) *Specify lumens between standard offering listed below. Lumens are specified per color temp*  
**CW** \_\_\_\_\_ Specify CRI, CCT and desired wattage (i.e. CW9407) *Specify watts between standard offering listed below*

80 CRI				Direct		Indirect	
	Color	Output	Watts	Shielding WET Satine Wet		O Open	
				Lumens/ft	LPW	Lumens/ft	LPW
<b>830</b>	3000K	Standard	4.3	361	83.7	570	132.2
<b>830HO</b>	3000K	High	8.7	672	77.7	1065	123.1
<b>835</b>	3500K	Standard	4.3	371	86.0	586	135.9
<b>835HO</b>	3500K	High	8.7	691	79.9	1096	126.7
<b>840</b>	4000K	Standard	4.3	378	87.7	597	138.4
<b>840HO</b>	4000K	High	8.7	705	81.5	1117	129.1
90 CRI				Direct		Indirect	
<b>927</b>	2700K	Standard	4.3	285	66.1	450	104.3
<b>927HO</b>	2700K	High	8.7	531	61.4	842	97.3
<b>930</b>	3000K	Standard	4.3	333	77.2	525	121.7
<b>930HO</b>	3000K	High	8.7	619	71.6	981	113.4
<b>935</b>	3500K	Standard	4.3	334	77.4	527	122.2
<b>935HO</b>	3500K	High	8.7	622	71.9	986	114.0
<b>940</b>	4000K	Standard	4.3	338	78.4	533	123.6
<b>940HO</b>	4000K	High	8.7	629	72.7	997	115.3

**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)

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## Position

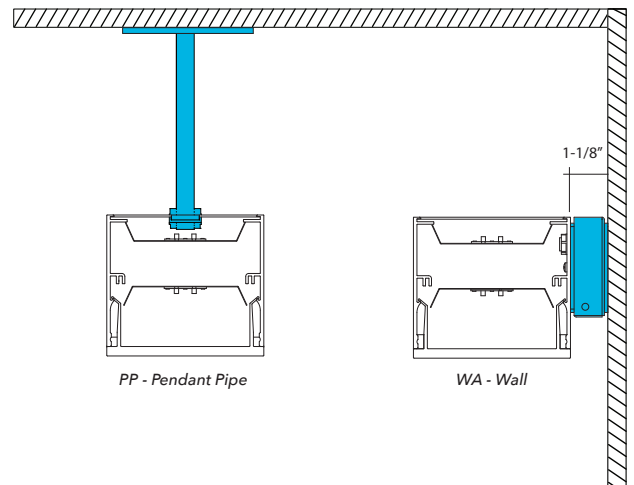
- When making rows with EDGE Wet, the rows must be ordered as individual units with a position specified
- Positions can either be "BOR" - Beginning of Row, "MOR" - Middle of Row, or "EOR" - End of Row
- The connection between fixtures is less than 1/8"
- For single, non-connected units, specify as "IND" 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 are painted white unless otherwise specified
- Canopy and pendant color specified on Fixture Options page
- Approved for wet location unless otherwise noted
- Refer to installation instructions during installation at the jobsite
- 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



## 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 = OL1
- 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

OL1	Osram Optotronic 10%, 0-10v
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	Philips Advance Xitanium 1%, 0-10v
PS1	Philips Advance Xitanium Step Dimming 50%/100%
ND	Non-Dimming



## 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

<b>1</b>	Single Circuit
<b>2</b>	Dual Circuit
<b>M</b>	Multi Circuit
<b>E</b>	Emergency Circuit only
<b>N</b>	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*

<b>0</b>	No battery or specific emergency section required
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### Battery

- Select battery section type if required, indicate total QTY. *Example 2P*
- 90 minute battery runtime; test button is integral to the fixture
- No battery option available for 2' lengths
- 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

<b>0</b>	No battery
<b>_P</b>	Philips Bodine 10w Integral
<b>_I</b>	Iota 10w Integral
<b>_IC</b>	Iota 10w Integral <i>CEC Listed</i>

#### 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

### Emergency

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

<b>_E</b>	Emergency circuit section
<b>_N</b>	Night Light circuit section
<b>_L</b>	Life Safety circuit section NO THROUGH WIRE
<b>_G</b>	Philips Bodine GTD, Generator Transfer Device section

#### 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

<b>W</b>	White
<b>S</b>	Metallic Silver
<b>BL</b>	Textured Black
<b>GR</b>	Graphite
<b>BR</b>	Bronze
<b>CC</b>	Custom Color



## Fixture Options

- Specify CC-C or CC-P to match housing. If not specified, canopy will be standard matte white.

GLR	Internal Fast Blow Fuse
EPF	End Power Feed
CC-C	Custom Canopy Color
CC-P	Custom Canopy Pendant

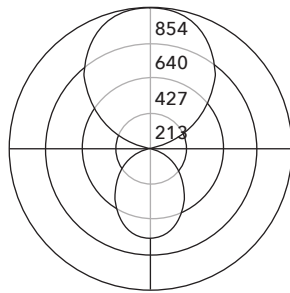
## Controls

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

## Photometrics

### Satine Wet - Open

Test #	ITL86511
Catalog #	EX6-WET-O-840-840-4
Lumens	3901 lm
Watts	34.5 W
Efficacy	113 LPW



### Candela Distribution

Vert Angle	Horizontal Angle				
	0	22.5	45	67.5	90
0	653	653	653	653	653
5	650	650	650	649	649
15	615	611	611	608	605
25	549	541	539	533	528
35	460	451	444	435	429
45	356	350	342	331	325
55	254	251	245	234	230
65	162	161	156	151	148
75	82	84	84	82	81
85	22	25	29	32	32
95	11	15	17	19	20
105	117	120	100	86	82
115	285	289	289	288	277
125	445	450	453	467	457
135	581	587	600	594	595
145	698	697	697	705	699
155	776	772	779	775	772
165	827	823	829	830	825
175	851	852	850	852	850
180	854	854	854	854	854

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2708	2514	2360
55	2376	2175	2015
65	2050	1828	1693
75	1668	1504	1396
85	1302	1183	1201

For all available IES files, please visit our website at [pinnacle-ltg.com](http://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-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. 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 = 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](http://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 EDGE Wet configura-

tions will not accommodate all voltage options; consult with factory.

**Driver** Standard Driver Option is Osram 0-10V, 10% = OL1. 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

**Labels** UL and cUL Listed, approved for wet location unless otherwise noted. IP65 and IK10 rated.

**Buy American Act Compliant**

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

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