

# EDGE EX6WET

## 6" Suspended Direct 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
- Buy American Act compliant



Example Part #: EX6-WET-N-830HO-8'-IND-PP18JB-U-OL2-1-0-W

**EX6** - **WET** - **N** - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

DIRECT SHIELDING    INDIRECT SHIELDING    CRI, CCT & OUTPUT    LENGTH    MOUNTING    VOLTAGE    DRIVER    CIRCUITING    BATTERY & EMERGENCY    FINISH    FIXTURE OPTIONS

WET	N	_____	_____
DIRECT SHIELDING	INDIRECT SHIELDING	CRI, CCT & OUTPUT <sup>1</sup>	LENGTH <sup>2</sup>
<b>WET</b> - Satine Wet Lens Shielding pg. 2	<b>N</b> - None Shielding pg. 2	<b>_27_</b> - 2700K <b>_30_</b> - 3000K <b>_35_</b> - 3500K <b>_40_</b> - 4000K <b>_50_</b> - 5000K <b>CL</b> _____ - Custom Lumens <b>CW</b> _____ - Custom Watts Lumen Output pg. 2	____ - Individual Fixture Length pg. 2
_____	_____	_____	_____
POSITION <sup>3</sup>	MOUNTING <sup>4</sup>	VOLTAGE	DRIVER
<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__JB</b> - Pendant to J Box <b>PP__ST</b> - Pendant to Structure <b>WA</b> - Wall Mount <b>S</b> - Surface 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>FSD</b> - Factory Select Driver (1%, 0-10v) <b>PL2</b> - Advance Xitanium (1%, 0-10v) <b>OL2</b> - Osram (1%, 0-10v) <b>OL4</b> - Osram 347v (1%, 0-10v) <b>EE1</b> - eldoLED ECOdrive (1%, 0-10v) <b>ES1</b> - eldoLED SOLOdrive (0.1%, 0-10v) <b>LH1</b> - Lutron Hi-lume (1%, EcoSystem) <b>PS1</b> - Advance Xitanium (50%/100%) Driver pg. 3

CIRCUITING	BATTERY & EMERGENCY <sup>5</sup>	FINISH	FIXTURE OPTIONS <sup>6</sup>	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>_FSB</b> - Factory Select Battery <b>_FSG</b> - Factory Select ALCR <b>_GI</b> - Iota ETS DR <b>_GB</b> - Bodine GTD <b>_IC</b> - Iota 10W Integral CEC Listed <b>_P</b> - Bodine 10W <b>_E</b> - Emergency Section <b>_N</b> - Night Light Section <b>_L</b> - Life Safety Section 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>DSP</b> - Customer Supplied Battery/Driver/Sensor <b>N</b> - Natatorium (corrosion resistant hardware) Fixture Options pg. 5	Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.

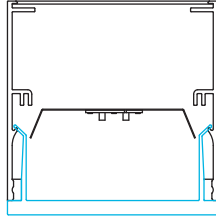
<sup>1</sup>When specifying OUTPUT the first \_\_ is for specifying either 8 - 80CRI or 9 - 90CRI. The ending \_\_\_\_ are for specifying output, example HO - High Output. See output charts for more information. <sup>2</sup>Individual fixtures come in nominal 2', 3', 4', 5', 6', 7', & 8' lengths, see pg. 2 for actual lengths. <sup>3</sup>Specify position of fixture. Use IND for an individual fixture, use BOR, MOR, or EOR for building connected rows. <sup>4</sup>Specify pendant length of either 12", 18" or 24". Pendant options not available with Natatorium. <sup>5</sup>Enter quantity for Battery and Emergency, Example 2P. <sup>6</sup>Natatorium not available with pendant options.

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**

**N**  
None

**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**

<b>CL</b> _____	Specify CRI, CCT and desired lumens (i.e. CL835500)	<i>Specify lumens between standard offering listed below. Lumens are specified per color temp</i>
<b>CW</b> _____	Specify CRI, CCT and desired wattage (i.e. CW9407)	<i>Specify watts between standard offering listed below</i>

**80 CRI**

	Color	Output	Watts <i>per foot</i>	Shielding <b>WET</b> Satine Wet <i>Lumens/ft</i>	<i>LPW</i>
<b>830</b>	3000K	Standard	4.3	433	100.4
<b>830HO</b>	3000K	High	8.7	783	90.5
<b>835</b>	3500K	Standard	4.3	442	102.5
<b>835HO</b>	3500K	High	8.7	798	92.3
<b>840</b>	4000K	Standard	4.3	455	105.5
<b>840HO</b>	4000K	High	8.7	821	94.9
<b>850</b>	5000K	Standard	4.3	453	105.0
<b>850HO</b>	5000K	High	8.7	819	94.7

**90 CRI**

<b>927</b>	2700K	Standard	4.3	342	79.3
<b>927HO</b>	2700K	High	8.7	619	71.6
<b>930</b>	3000K	Standard	4.3	367	85.1
<b>930HO</b>	3000K	High	8.7	664	76.8
<b>935</b>	3500K	Standard	4.3	388	90.0
<b>935HO</b>	3500K	High	8.7	701	81.0
<b>940</b>	4000K	Standard	4.3	388	90.0
<b>940HO</b>	4000K	High	8.7	702	81.2

**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

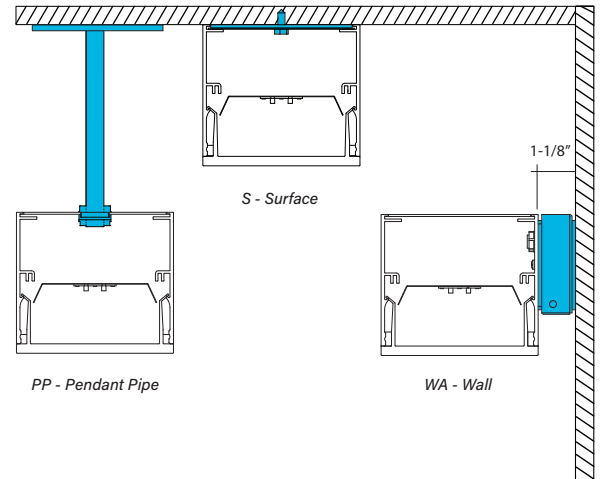
- When making rows with EDGE Wet, the rows must be ordered as individual units with a position specified
- Positions can either be "BOR" - Beginning of Row, "MOR" - Middle of Row, or "EOR" - End of Row
- The connection between fixtures is less than 1/8"
- For single, non-connected units, specify as "IND"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

<b>PP_JB</b>	Pendant Pipe to J-Box
<b>PP_ST</b>	Pendant Pipe to Structure
<b>WA</b>	Wall Mount
<b>S</b>	Surface



## Voltage

- Some EDGE Wet configurations will not accommodate all voltage options; consult with factory

<b>U</b>	Universal
<b>1</b>	120 volt
<b>2</b>	277 volt
<b>3</b>	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

<b>FSD</b>	Factory Select Driver 1%, 0-10v
<b>PL2</b>	Signify Advance Xitanium 1%, 0-10v
<b>PL4</b>	Advance Xitanium 347v 1%, 0-10v, requires 347v
<b>OL2</b>	Osram Optotronic, 1%, 0-10v
<b>OL4</b>	Osram Optotronic 347v, 1% 0-10v, requires 347v option
<b>EE1</b>	eldoLED ECOdrive 1%, 0-10v Logarithmic
<b>EE2</b>	eldoLED ECOdrive 1%, 0-10v Linear
<b>ES1</b>	eldoLED SOLOdrive 0-10v, 0.1% Logarithmic
<b>ES2</b>	eldoLED SOLOdrive 0-10v, 0% Linear

### DALI Drivers

<b>EE3</b>	eldoLED ECOdrive .1%, DALI (logarithmic)
<b>ES3</b>	eldoLED SOLOdrive .1%, DALI (logarithmic)
<b>OD1</b>	Osram Optotronic 1%, DEXAL
<b>OD2</b>	Osram Optotronic 1%, DALI 2 Channel

### Lutron Drivers

<b>LH1</b>	Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1
<b>LH4</b>	Lutron Hi-Lume 1%, 2-wire, Lutron-LTEA2W, 120v only

### Alternate Drivers

<b>PS1</b>	Signify Advance Xitanium Step Dimming 50%/100%
<b>OD1</b>	Osram Optotronic 1%, DEXAL
<b>EH1</b>	ELV 120v only, 0-10v universal



## 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>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

**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 integral to 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

<b>0</b>	No Battery
<b>_FSB</b>	Factory Select Battery (10w option)
<b>_FSBST</b>	Factory Select Battery (10w, Self Testing)
<b>_IC</b>	10w Integral
<b>_ILL</b>	10w Integral Lithium, Self Testing
<b>_IRH</b>	20w Remote
<b>_P</b>	Bodine 10w Integral
<b>_PRH</b>	Bodine 20w Remote
<b>_PLL</b>	Bodine 10w Integral Lithium, Self Testing

#### 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

<b>_FSG</b>	Factory Select Automatic Load Control Relay (ALCR), UNV
<b>_GI</b>	Emergency Transfer Switch (ETS) DR Emergency Control Device, UNV
<b>_GB</b>	Bodine GTD, Generator Transfer Device, 120v or 277v
<b>_E</b>	Emergency circuit section
<b>_N</b>	Night Light circuit section
<b>_L</b>	Life Safety circuit section NO THROUGH WIRE

#### 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

#### 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

### 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 ( <i>white pendant &amp; canopy</i> )
<b>S</b>	Metallic Silver ( <i>silver pendant &amp; canopy</i> )
<b>BL</b>	Textured Black ( <i>black pendant &amp; canopy</i> )
<b>BR</b>	Bronze ( <i>bronze pendant &amp; canopy</i> )
<b>GR</b>	Graphite ( <i>graphite pendant &amp; canopy</i> )
<b>CC</b>	Custom Color ( <i>color match pendant &amp; canopy</i> )

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## Fixture Options

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

<b>GLR</b>	Internal Fast Blow Fuse
<b>DSP</b>	Customer Supplied Battery/Driver/Sensor
<b>EPF</b>	End Power Feed
<b>N</b>	Natorium (corrosion resistant hardware)

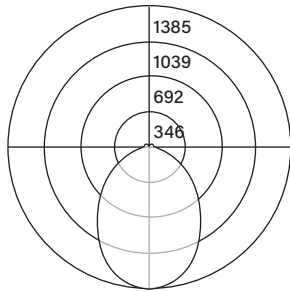
## Controls

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

## Photometrics

### Satine Wet Lens

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
10	1364	1360	1359	1356	1352
15	1321	1309	1310	1304	1296
20	1257	1242	1241	1232	1220
25	1180	1162	1157	1143	1132
30	1088	1070	1061	1042	1030
35	987	971	958	935	923
40	881	866	850	826	814
45	773	759	742	717	705
50	663	651	636	614	600
55	555	547	532	513	501
60	453	447	436	420	411
65	356	354	345	333	325
70	265	266	261	254	248
75	182	185	185	183	179
80	108	116	119	120	120
85	50	58	66	70	72
90	2	12	23	31	33

### 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](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. 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. 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), 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 EDGE Wet 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 1598 listed. IP65 and IK10 rated.

**Buy American Act Compliant**

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