

EDGE EX3BWET

3" 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
- 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 #: EX3B-WET-O-830HO-830-8'-IND-PP18JB-U-OL2-1-0-W

EX3B - WET - O

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

WET	O	-----	
DIRECT SHIELDING	INDIRECT SHIELDING	DIRECT CRI, CCT & OUTPUT ¹	INDIRECT CRI, CCT & OUTPUT ¹
WET - Satine Wet Lens Shielding pg. 2	O - Open Shielding pg. 2	_27_ - 2700K _30_ - 3000K _35_ - 3500K _40_ - 4000K _50_ - 5000K CL ----- - Custom Lumens CW ----- - Custom Watts Lumen Output pg. 2	_27_ - 2700K _30_ - 3000K _35_ - 3500K _40_ - 4000K _50_ - 5000K CL ----- - Custom Lumens CW ----- - Custom Watts Lumen Output pg. 2

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LENGTH ²	POSITION ³	MOUNTING ⁴	VOLTAGE	DRIVER
_ _ _ - Individual Fixture Length pg. 2	IND - Individual Fixture BOR - Beginning of Row MOR - Middle of Row EOR - End of Row Position pg. 3	PP__JB - Pendant to J Box PP__ST - Pendant to Structure WA - Wall Mount Mounting pg. 3	U - Universal (120 thru 277V) 1 - 120V 2 - 277V 3 - 347V Voltage pg. 3	FSD - Factory Select Driver (1%, 0-10v) 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) PS1 - Advance Xitanium (50%/100%) Driver pg. 3

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CIRCUITING	BATTERY & EMERGENCY ⁵	FINISH	FIXTURE OPTIONS ⁶	CONTROLS
1 - Single Circuit 2 - Dual Circuit M - Multi Circuit E - Emergency (entire fixture) N - Night Light (entire fixture) Circuiting pg. 4	O - None _FSB - Factory Select Battery _FSG - Factory Select ALCR _GI - Iota ETS DR _GB - Bodine GTD _IC - Iota 10w Integral (CEC listed) _P - Bodine 10w Integral _E - Emergency Section _N - Night Light Section _L - Life Safety Section Battery and Emergency pg. 4	W - White S - Metallic Silver BL - Textured Black BR - Bronze GR - Graphite CC - Custom Color Finish pg. 4	GLR - Internal Fast Blow Fuse EPF - End Power Feed DSP - Customer Supplied Battery/Driver/Sensor N - Natatorium (corrosion resistant hardware) Fixture Options pg. 5	Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.

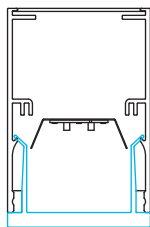
¹When specifying OUTPUT the first _ is for specifying either 8 - 80CRI or 9 -90CRI. The ending _ _ are for specifying output, example HO - High Output. See output charts for more information. ²Individual fixtures come in nominal 2', 3', 4', 5', 6', 7', & 8' lengths, see pg. 2 for actual lengths. ³Specify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

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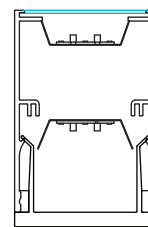
Direct Shielding

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. CL835400)	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	Output	Watts	Direct		Indirect	
				Shielding		O	
				WET Satine Wet Lumens/ft	LPW	Open Lumens/ft	LPW
830	3000K	Standard	4.3	426	98.5	669	154.7
830HO	3000K	High	8.7	769	88.1	1208	138.5
835	3500K	Standard	4.3	434	100.3	682	157.7
835HO	3500K	High	8.7	785	90.0	1233	141.3
840	4000K	Standard	4.3	447	103.4	702	162.3
840HO	4000K	High	8.7	807	92.5	1268	145.3
850	5000K	Standard	4.3	446	103.1	700	161.8
850HO	5000K	High	8.7	805	92.3	1265	145.0

90 CRI

	Color	Output	Watts	Direct		Indirect	
				Shielding	LPW	Open	LPW
927	2700K	Standard	4.3	336	77.7	528	122.1
927HO	2700K	High	8.7	608	69.7	955	109.5
930	3000K	Standard	4.3	361	83.5	567	131.1
930HO	3000K	High	8.7	652	74.7	1025	117.5
935	3500K	Standard	4.3	381	88.1	599	138.5
935HO	3500K	High	8.7	689	79.0	1083	124.1
940	4000K	Standard	4.3	382	88.3	600	138.7
940HO	4000K	High	8.7	690	79.1	1084	124.2

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

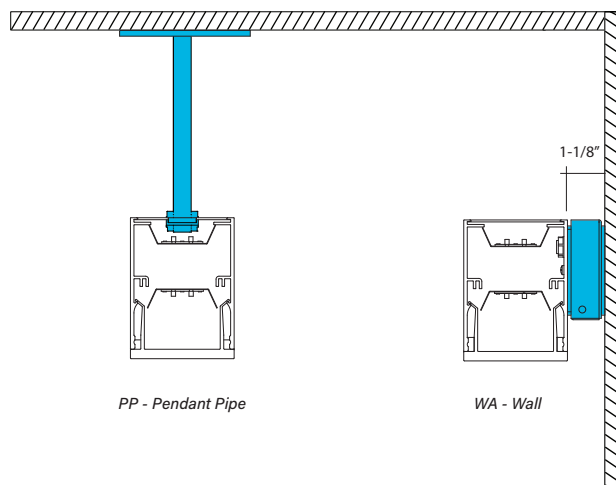
- When making rows with EDGE Wet, the rows must be ordered as individual units with a position specified
- Positions can either be "BOR" - Beginning of Row, "MOR" - Middle of Row, or "EOR" - End of Row
- The connection between fixtures is less than 1/8"
- For single, non-connected units, specify as "IND"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

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 = PL2
- 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 (logarithmic)
ES3	eldoLED SOLOdrive .1%, DALI (logarithmic)
OD1	eldoLED Optotronic 1%, DEXAL
OD2	eldoLED Optotronic 1%, DALI 2 Channel

Lutron Drivers

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

Alternate Drivers

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

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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 2P*
- 90 minute battery runtime; test button is integral
- 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

0	No Battery
_FSB	Factory Select Battery (10w option)
_FSBST	Factory Select Battery (10w, Self Testing)
_ILL	Iota 10w Integral Lithium, Self Testing
_IRH	Iota 20w Remote
_PRH	Bodine 20w Remote
_PLL	Bodine 10w Integral Lithium, Self Testing

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

_FSG	Factory Select Automatic Load Control Relay (ALCR), UNV
_GI	Emergency Transfer Switch (ETS) DR Emergency Control Device, UNV
_GB	Bodine GTD, Generator Transfer Device, 120v or 277v
_E	Emergency circuit section
_N	Night Light circuit section
_L	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

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>)

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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
N	Natorium (corrosion resistant hardware)

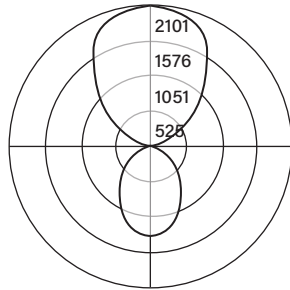
Controls

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

Photometrics

Satine Wet - Open

Test #	Scaled from ITL86508
Catalog #	EX3B-WET-O-840HO-840HO-4
Lumens	8299 lm
Watts	69.8 W
Efficacy	119 LPW



Candela Distribution

Vert Angle	Horizontal Angle				
	0	22.5	45	67.5	90
0	1348	1348	1348	1348	1348
5	1339	1338	1338	1334	1338
15	1268	1254	1250	1240	1229
25	1127	1104	1087	1065	1049
35	932	910	885	851	836
45	719	703	678	646	633
55	511	505	484	459	452
65	324	322	314	302	296
75	160	170	173	172	172
85	41	56	70	79	82
90	3	18	35	47	50
95	35	44	54	62	65
105	255	220	194	186	182
115	648	564	479	430	413
125	1058	1021	848	807	791
135	1417	1410	1278	1153	1128
145	1709	1690	1693	1584	1530
155	1914	1878	1925	1901	1891
165	2034	2015	2020	2020	2028
175	2094	2091	2094	2091	2090
180	2101	2101	2101	2101	2101

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	8358	7446	6818
55	7301	6387	5805
65	6244	5404	4904
75	5009	4466	4175
85	3669	3820	3927

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-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. Published lumen or wattage data based on OL1 configuration.

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 97°F/36°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 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.

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