

## EDGE EX4DI

4" 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
- Product transparency with third-party verified Living Building Challenge (LBC) [Declared](#)



QUICKSHIP

[Declare](#)



Example Part #: EX4DI-BW-HE-830HO-830-26'-AC48G1-U-FSD-1-0-W

EX4DI	DIRECT SHIELDING	INDIRECT SHIELDING	DIRECT SOURCE	INDIRECT SOURCE	LENGTH OR PATTERN	MOUNTING	VOLTAGE	DRIVER	CIRCUITING	BATTERY & EMERGENCY	FINISH	Fixture Options	CONTROLS
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<b>DIRECT SHIELDING</b>	<b>INDIRECT SHIELDING</b>	<b>DIRECT SOURCE QS<sup>1,2</sup></b>	<b>INDIRECT SOURCE QS<sup>1,2</sup></b>
<b>A</b> - Satine Lens QS <sub>3</sub> <b>AL</b> - Drop Lens <b>HE</b> - High Efficiency QS <sub>3</sub> <b>BW</b> - Batwing QS <sub>3</sub> <b>WHE</b> - Asymmetric QS <sub>3</sub> <b>HEA</b> - Ascent <b>MOD</b> - Mod options available <b>HED</b> - Descent <b>MOD</b> - Mod options available <i>Shielding pg. 2</i>	<b>HE</b> - High Efficiency QS <sub>3</sub> <b>BW</b> - Batwing QS <sub>3</sub> <b>WHE</b> - Asymmetric QS <sub>3</sub> <b>HEA</b> - Ascent <b>MOD</b> - Mod options available <i>Shielding pg. 2</i>	<b>27</b> - 2700K <b>30</b> - 3000K <b>35</b> - 3500K <b>40</b> - 4000K <b>TW</b> - 2CH Tunable White (2700-6500K, 90CRI) <b>CL</b> - Custom Lumens <b>CW</b> - Custom Watts <b>MOD</b> - Mod options available <i>Lumen Output pg. 2</i>	<b>27</b> - 2700K <b>30</b> - 3000K <b>35</b> - 3500K <b>40</b> - 4000K <b>TW</b> - 2CH Tunable White (2700-6500K, 90CRI) <b>CL</b> - Custom Lumens <b>CW</b> - Custom Watts <b>MOD</b> - Mod options available <i>Lumen Output pg. 3</i>

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<b>LENGTH OR PATTERN<sup>3</sup></b>	<b>MOUNTING<sup>4</sup></b>	<b>VOLTAGE<sup>5</sup></b>	<b>DRIVER</b>	<b>CIRCUITING<sup>6</sup></b>
<del>Individual Fixture QS<sub>3</sub></del> <del>Continuous Row QS<sub>3</sub></del> <b>L_x</b> - L Shape QS <sub>3</sub> <b>R_x</b> - Rectangle QS <sub>3</sub> <b>S</b> - Square QS <sub>3</sub> <b>U_x_x</b> - U-Shape QS <sub>3</sub> <b>T_x</b> - T Shape <b>X_x_x</b> - X Shape <b>MOD</b> - Mod options available <i>Length and Pattern pg. 3-4</i>	<del>AC_G</del> - (M)AC to Grid QS <sub>3</sub> <del>AC_JB</del> - (M)AC to J Box QS <sub>3</sub> <del>AC_ST</del> - (M)AC to Structure QS <sub>3</sub> <b>AC5_G</b> - 5" Non-Power Canopy <b>AC5_JB</b> - 5" Non-Power Canopy <b>SQ_G</b> - 5" Square Canopy <b>SQ_JB</b> - 5" Square Canopy <b>WA</b> - Wall Mount QS <sub>3</sub> <b>MOD</b> - Mod options available <i>Mounting pg. 4-5</i>	<b>U</b> - Universal QS <sub>3</sub> <i>(120 thru 277V)</i> <b>1</b> - 120V QS <sub>3</sub> <b>2</b> - 277V QS <sub>3</sub> <b>3</b> - 347V <i>Voltage pg. 5</i>	<b>FSD</b> - Factory Select Driver (1%, 0-10v) QS <sub>3</sub> <b>PL2</b> - Advance Xitanium (1%, 0-10v) <b>OL2</b> - eldoLED Optotronic (1%, 0-10v) <b>OL4</b> - eldoLED Optotronic 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>PR1</b> - Advance Xitanium SR <b>MOD</b> - Mod options available <i>Driver pg. 5</i>	<b>1</b> - Single Circuit QS <sub>3</sub> <b>2</b> - Dual Circuit <b>M</b> - Multi Circuit <b>E</b> - Emergency QS <sub>3</sub> (entire fixture) <b>N</b> - Night Light QS <sub>3</sub> (entire fixture) <i>Circuiting pg. 6</i>

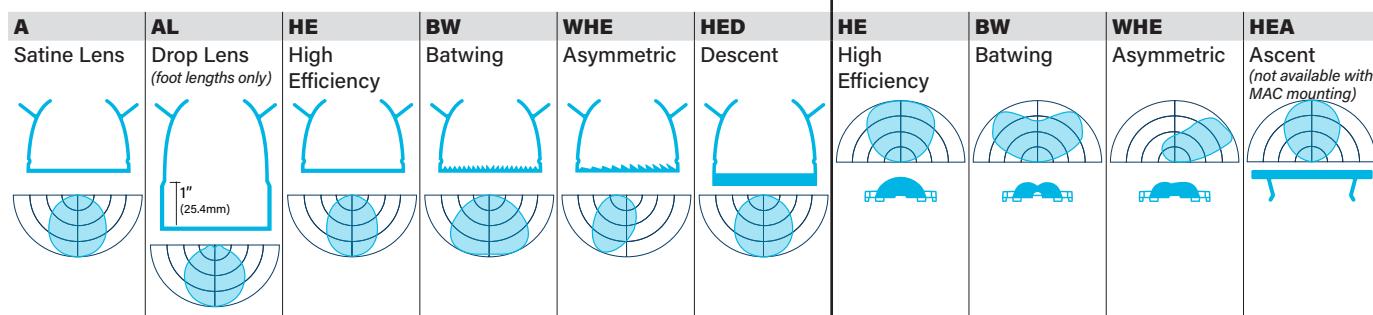
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<b>BATTERY &amp; EMERGENCY<sup>7</sup></b>	<b>FINISH</b>	<b>Fixture Options<sup>8,9</sup></b>	<b>CONTROLS<sup>10</sup></b>
<b>0</b> - None QS <sub>3</sub> <b>FSB</b> - Factory Select Battery QS <sub>3</sub> <b>FSG</b> - Factory Select ALCR <b>GI</b> - Iota ETS DR <b>GB</b> - Bodine GTD <b>ILL</b> - Iota 10W <b>PLL</b> - Bodine 10W <i>Battery and Emergency pg. 6</i>	<b>W</b> - White QS <sub>3</sub> <b>S</b> - Metallic Silver QS <sub>3</sub> <b>BL</b> - Textured Black QS <sub>3</sub> <b>BR</b> - Bronze <b>GR</b> - Graphite <b>CC</b> - Custom Color <i>Finish pg. 6</i>	<b>QS</b> - Quick Ship QS <sub>3</sub> <b>DSP</b> - Customer Supplied Battery/Driver/Sensor <b>BA</b> - Buy America(n) Act and/or Build America Buy America Compliant <b>MOD</b> - Mod options available <i>Fixture Options pg. 7</i>	<b>DLMFC</b> - Wattstopper DLM <b>DLMFS</b> - Wattstopper LLC <b>EASYS</b> - Philips EasySense <b>SNSLM</b> - Wattstopper PLUS SensiLUM <b>WVLX</b> - Eaton Wavelinx <b>VDO</b> - Lutron Vive Sensor <b>VRF</b> - Lutron Vive Connected <b>MOD</b> - Mod options available <i>Controls pg. 7</i>

<sup>1</sup>When 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. <sup>2</sup>When 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. <sup>3</sup>Individual 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'. <sup>4</sup>Specify 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 Tunable White (**TW**) option only available with Universal (**U**), 120V (**1**) or 277V (**2**) options. <sup>5</sup>Consult factory for Emergency (**E**) or Night Light (**N**) options with Tunable White (**TW**) option. <sup>6</sup>Enter quantity for Battery and Emergency, Example 2PLL. <sup>7</sup>When ordering QuickShip, **QS** must be used in fixture options section of part number to qualify. <sup>8</sup>1/8" increments not available for QS. <sup>9</sup>Compliance is configuration dependent; consult factory for confirmation. <sup>10</sup>Controls 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



## Shielding: 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** 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

<b>CL</b> _____	Specify CRI, CCT and desired lumens (i.e. CL835500)	Specify lumens between standard offering listed below. Lumens are specified per color temp
<b>CW</b> _____	Specify CRI, CCT and desired wattage (i.e. CW9407)	Specify watts between standard offering listed below
<b>CLTW</b> _____	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 <sup>1</sup>											
			AL		HE		BW		WHE		HED			
			A	Satine	Drop	High Efficiency	Batwing	Asymmetric	Descent					
<b>830SO</b>	3000K	500	108	4.6	118	4.2	123	4.1	120	4.2	124	4.0	106	4.7
<b>830HO</b>		750	110	6.8	117	6.4	128	5.9	119	6.3	123	6.1	108	6.9
<b>830VHO</b>		1000	110	9.1	120	8.3	131	7.6	122	8.2	126	7.9	109	9.2
<b>835SO</b>	3500K	500	111	4.5	122	4.1	127	3.9	123	4.1	123	4.1	110	4.6
<b>835HO</b>		750	111	6.8	121	6.2	132	5.7	123	6.1	127	5.9	112	6.7
<b>835VHO</b>		1000	114	8.8	124	8.0	133	7.5	126	7.9	131	7.7	113	8.9
<b>840SO</b>	4000K	500	111	4.5	122	4.1	127	3.9	123	4.1	123	4.1	110	4.6
<b>840HO</b>		750	111	6.8	121	6.2	132	5.7	123	6.1	127	5.9	112	6.7
<b>840VHO</b>		1000	114	8.8	124	8.0	133	7.5	126	7.9	131	7.7	113	8.9

## 90 CRI

	Color	Lumens per foot	Shielding <sup>1</sup>											
			AL		HE		BW		WHE		HED			
			A	Satine	Drop	High Efficiency	Batwing	Asymmetric	Descent					
<b>927SO</b>	2700K	500	89	5.6	98	5.1	104	4.8	99	5.0	102	4.9	88	5.7
<b>927HO</b>		750	90	8.3	99	7.6	106	7.1	99	7.6	102	7.3	89	8.4
<b>927VHO</b>		1000	90	11.1	99	10.1	106	9.4	100	10.0	104	9.7	88	11.4
<b>930SO</b>	3000K	500	97	5.1	104	4.8	113	4.4	106	4.7	109	4.6	96	5.2
<b>930HO</b>		750	99	7.6	106	7.0	113	6.6	108	6.9	112	6.7	97	7.7
<b>930VHO</b>		1000	98	10.2	107	9.4	116	8.6	108	9.2	112	8.9	97	10.3
<b>935SO</b>	3500K	500	97	5.2	104	4.8	113	4.4	105	4.7	109	4.6	96	5.2
<b>935HO</b>		750	98	7.6	106	7.1	112	6.7	108	7.0	111	6.7	97	7.7
<b>935VHO</b>		1000	98	10.2	106	9.4	116	8.6	108	9.3	112	9.0	97	10.3
<b>940SO</b>	4000K	500	97	5.2	104	4.8	113	4.4	105	4.7	109	4.6	96	5.2
<b>940HO</b>		750	98	7.6	106	7.1	112	6.7	108	7.0	111	6.7	97	7.7
<b>940VHO</b>		1000	98	10.2	106	9.4	116	8.6	108	9.3	112	9.0	97	10.3

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

	Color	Lumens per foot	Shielding <sup>1</sup>											
			AL		HE		BW		WHE		HED			
			A	Satine	Drop	High Efficiency	Batwing	Asymmetric	Descent					
<b>TW</b>	2700 - 6500K	500	89.3	5.6	80.7	6.2	102.7	4.9	101.8	4.9	101.8	4.9	90.4	5.5
<b>TWHO</b>		750	85.9	8.7	76.8	9.8	99.6	7.5	98.2	7.6	97.8	7.7	87.0	8.6
<b>TWVHO</b>		1000	N/A	N/A	N/A	94.2	10.6	93.0	10.8	93.0	10.8	N/A	N/A	N/A

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## 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

## 80 CRI

830	3000K	Color	Lumens per foot	Shielding <sup>1</sup>		BW		WHE		HEA	
				HE		Batwing		Asymmetric		Ascent	
				LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft
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	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	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	Color	500	118	4.2	110	4.5	99	5.1	102	4.9
			750	118	6.4	110	6.8	98	7.6	104	7.2
			1000	121	8.3	113	8.9	100	10.0	105	9.5
930	3000K	Color	500	124	4.0	120	4.2	105	4.7	111	4.5
			750	129	5.8	120	6.3	107	7.0	111	6.8
			1000	132	7.6	123	8.2	108	9.3	114	8.8
935	3500K	Color	500	124	4.0	120	4.2	105	4.8	111	4.5
			750	128	5.8	119	6.3	107	7.0	110	6.8
			1000	132	7.6	122	8.2	107	9.3	113	8.8
940	4000K	Color	500	124	4.0	120	4.2	105	4.8	111	4.5
			750	128	5.8	119	6.3	107	7.0	110	6.8
			1000	132	7.6	122	8.2	107	9.3	113	8.8

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

TW	500	118.4	4.2	109.6	4.6	95.1	5.3	105.6	4.7
TWHO	750	114.3	6.6	105.4	7.1	92.2	8.1	102.4	7.3
TWVHO	1000	110.3	9.1	101.3	9.9	87.0	11.5	97.4	10.3

## 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	Color Changing RGB LED	Required Driver	Required Control
	Color Changing RGB-W LED	EC1	DMX

## Length

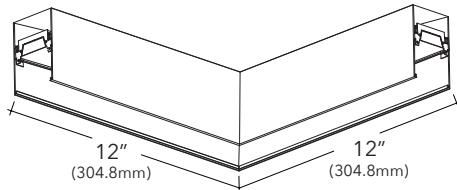
- For Continuous Runs, add 3/16" (4.7mm) for each end plate or 3/8" (9.5mm) to the overall length of the row

2	3	4	5	6	7	8	—
Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Cont. Run Specify nominal overall row length to the 1/8". Longer lead- time may apply for lengths to the 1/8". Consult factory.
24-3/8" (619.1mm)							
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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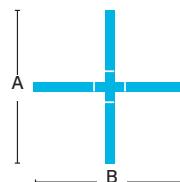
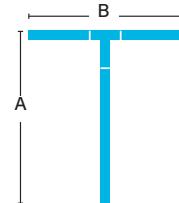
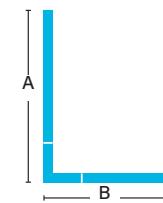
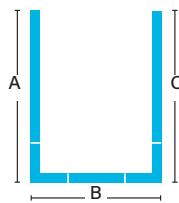
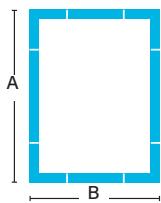
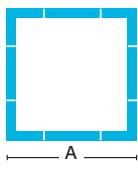
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EX4DI\_LED\_SPEC\_JANUARY2026

**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" x 12" (overall, outside dimension)
- Angles and shapes not shown require Mod Pattern; consult factory
- Only available with "A" or "HE" lens options

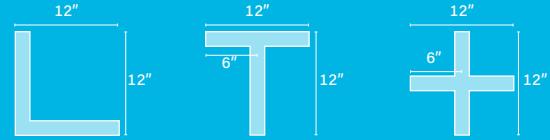
S_	R_x_	U_x_x_	L_x_	T_x_	X_x_
Square Provide A Example: <b>S4'</b> Minimum Length- 4'x4'	Rectangle Provide AxB Example: <b>R4'x4'</b> Minimum Length- 4'x4'	U-Shape Provide AxBxC Example: <b>U3'x4'x3'</b> Minimum Length- 3'x4'x3'	L-Shape Provide AxB Example: <b>L3'x3'</b> Minimum Length- 3'x3'	T-Shape Provide AxB Example: <b>T3'x5'</b> Minimum Length- 3'x5'	X-Shape Provide AxB Example: <b>X5'x5'</b> 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

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

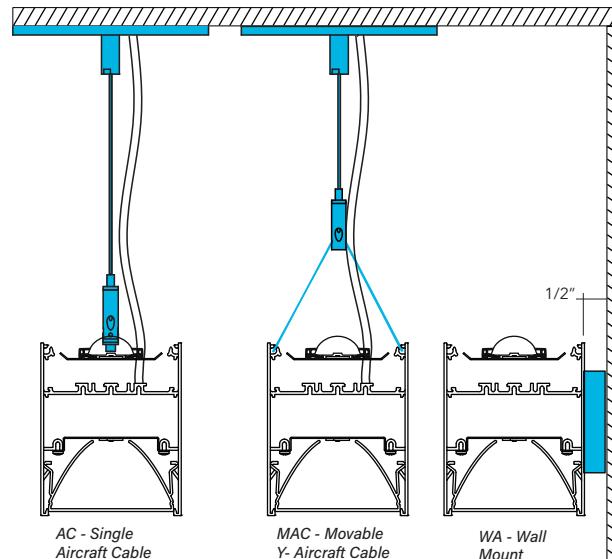
Horizontal Details: Every Connection is 12" x 12" in Overall Dimension

**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
- 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

<b>AC_G1</b>	Aircraft Cable 1" (15/16") T-Bar
<b>AC_G9</b>	Aircraft Cable 9/16" T-Bar
<b>AC_GS</b>	Aircraft Cable Screw Slot T-Bar
<b>AC_JB</b>	Aircraft Cable Junction Box
<b>AC_ST</b>	Aircraft Cable Structure
<b>AC5_G</b>	Aircraft Cable 5" (127mm) Non-Power Canopy
<b>AC5_JB</b>	Aircraft Cable 5" (127mm) Non-Power Canopy
<b>SQ_G</b>	Aircraft Cable 5" (127mm) Square Canopy
<b>SQ_JB</b>	Aircraft Cable 5" (127mm) Square Canopy
<b>MAC_G1</b>	Movable AC 1" (15/16") T-Bar
<b>MAC_G9</b>	Movable AC 9/16" T-Bar
<b>MAC_GS</b>	Movable AC Screw Slot T-Bar
<b>MAC_JB</b>	Movable AC Junction Box
<b>MAC_ST</b>	Movable AC Structure
<b>MAC5_G</b>	Movable AC 5" (127mm) Non-Power Canopy
<b>MAC5_JB</b>	Movable AC 5" (127mm) Non-Power Canopy
<b>MSQ_G</b>	Movable AC 5" (127mm) Square Canopy
<b>MSQ_JB</b>	Movable AC 5" (127mm) Square Canopy
<b>WA</b>	Wall Mount



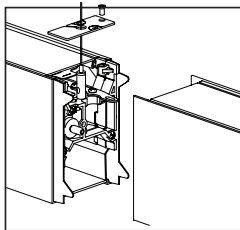
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EX4DI\_LED\_SPEC\_JANUARY2026



## 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 EX4DI configurations will not accommodate all voltage options; consult with factory
- 347 volt not available with Tunable White (TW) option

<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 EX4DI 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>	eldoLED Optotronic, 1%, 0-10v
<b>OL4</b>	eldoLED 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
<b>OL5</b>	Advance Xitanium 1%, 0-10v, AUX, Dim to Off
<b>PL5</b>	eldoLED Optotronic 1%, 0-10v, AUX, Dim to Off

### DALI Drivers

<b>EE3</b>	eldoLED ECODrive 1%, DALI 2, Logarithmic, DT6
<b>ES3</b>	eldoLED SOLOdrive 0.1%, DALI 2, Logarithmic, DT6
<b>OD1</b>	eldoLED Optotronic 1%, DEXAL
<b>EE4</b>	eldoLED ECODrive 1%, DALI 2, Linear, DT6
<b>ES4</b>	eldoLED SOLOdrive 0.1%, DALI 2, Linear, DT6
<b>PR1</b>	Advance Xitanium SR, DALI 2, Self powered link

### Lutron Drivers

<b>LH1</b>	Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1
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### Alternate Drivers

<b>PS1</b>	Advance Xitanium Step Dimming 50%/100%
<b>EH1</b>	ERP 1%, Line Voltage and ELV, requires 120v

## 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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## How to Specify Circuiting, Battery and Emergency

1

- Select fixture circuiting from options below
- Some EX4DI 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

<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 EX4DI 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 2PLL*
- 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'

- 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

<b>0</b>	No Battery
<b>FSB</b>	Factory Select Battery 10w, Integral Lithium
<b>FSBT</b>	Factory Select Battery 10w, Integral Lithium, Self Testing
<b>ILL</b>	Bodine 10w, Integral Lithium, Self Testing
<b>PLL</b>	Iota 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
- Consult factory for Emergency Control Devices with Tunable White (TW) option

<b>FSG</b>	Factory Select ALCR Emergency Control Device, UNV
<b>GI</b>	Iota ETS-DR, Emergency Control Device, UNV
<b>GB</b>	Bodine GTD, Emergency Control 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

#### Battery OR Emergency Ordering Examples

- Single circuit, 10w Integral Battery
- Emergency only, 10w Integral Battery
- Single circuit, GTD required

Ordering Code: 1-1FSB

Ordering Code: E-1PLL

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

<b>W</b>	White (white cord/white canopy)
<b>S</b>	Metallic Silver (white cord/silver canopy)
<b>BL</b>	Textured Black (black cord/black canopy)
<b>BR</b>	Bronze (white cord/bronze canopy)
<b>GR</b>	Graphite (white cord/graphite canopy)
<b>CC</b>	Custom Color (white cord/color match canopy)



## 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

<b>QS</b>	Quick Ship
<b>DSP</b>	Customer Supplied Battery/Driver/Sensor

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

<b>BA</b>	Buy America(n) Act and/or Build America Buy America Compliant
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## 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

<b>MOD</b>	Remote Driver
	End Power Feed

### Quick Ship

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

## 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 Control with Tunable White (TW) option

	Solution	Components	Network/Sensor	Connection	Required Drivers	Limitations
<b>DLMFC</b>	Legrand Wattstopper DLM	LMFC-011	Digital Lighting Management (DLM)	Wired, two RJ45 ports	OL2, OL4	Not available with Battery
<b>DLMFS</b>	Legrand Wattstopper LLC	LMFS-601-W / LMFI-111	Wireless DLM Fixture Sensor	Wireless	OD1, PR1, 0-10v	0-10v requires interface
<b>EASYS</b>	Philips EasySense	SNS-210	Daylight/PIR Occupancy	Wireless to switches	PR1	Not available with 347 volt
<b>SNSLM</b>	Wattstopper PLUS SensiLUM	EN-CLM-PIR-DD-ZB	Encelium, Daylight/PIR Occupancy	Wireless	OD1, OL1, OL2	Not available with 347 volt
<b>WLX</b>	Eaton Wavelinx	SWPD1, NSP3IVMVDC1	WaveLinx WCL, Daylight	Wireless	Any 0-10v	Not available with 347 volt
<b>VDO</b>	Lutron Vive Sensor	DFCSJ-OEM-OCC	Vive, Daylight/PIR Occupancy	Wireless	OD1, PR1	Not available with 347 volt
<b>VRF</b>	Lutron Vive Connected	DFCSJ-OEM-RF	Vive	Wireless	OD1, PR1	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

<b>MOD</b>	Lutron Athena Sensor	Ordering Code	Required Driver
		AWNS	OD1, PR1, OL5, PL5
	Lutron Athena Connected	AWNR	OD1, PR1, OL5, PL5
	Acuity nLight Air Wireless Connected	CM	OL5, EE4, ES4, EE2, ES2

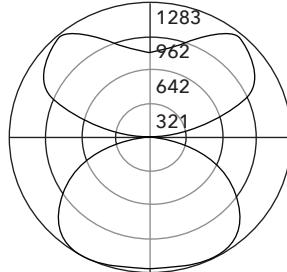


## Photometrics

### Satine Lens - Open

Test #	Scaled from ITL91451 & ITL91463
Catalog #	EX4DI-BW-BW-840VHO-840VHO-4
Lumens	8000 lm
Watts	58.9 W

Efficacy 135.8 LPW



### Candela Distribution

Vert Angle	Horizontal Angle	0	22.5	45	67.5	90
0	1268	1268	1268	1268	1268	1268
5	1262	1263	1266	1269	1270	1270
15	1215	1218	1246	1271	1279	1279
25	1117	1130	1197	1258	1280	1280
35	977	1005	1107	1199	1236	1236
45	806	845	963	1065	1100	1100
55	615	656	763	848	872	872
65	418	449	527	574	580	580
75	219	237	278	294	292	292
85	51	61	69	68	67	67
90	8	54	96	90	97	97
95	73	144	225	208	195	195
105	221	300	495	562	539	539
115	369	438	649	873	925	925
125	486	570	785	1011	1089	1089
135	572	666	906	1111	1185	1185
145	655	725	934	1131	1207	1207
155	729	768	892	1005	1052	1052
165	784	799	848	892	909	909
175	811	814	819	823	826	826
180	814	814	814	814	814	814

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	20720	22599	24984
55	19447	21238	23211
65	17871	18722	19356
75	15161	14244	13612
85	10078	6705	5453

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 or IAS 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.

**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](http://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.

**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.

**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 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 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.

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