

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



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

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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DIRECT SHIELDING	INDIRECT SHIELDING	DIRECT SOURCE <i>QS</i> ^{1,2}	INDIRECT SOURCE <i>QS</i> ^{1,2}
A - Satine Lens <i>QS</i> AL - Drop Lens HE - High Efficiency <i>QS</i> BW - Batwing <i>QS</i> WHE - Asymmetric <i>QS</i> HED - Descent MOD - Mod options available <i>Shielding pg. 2</i>	HE - High Efficiency <i>QS</i> BW - Batwing <i>QS</i> WHE - Asymmetric <i>QS</i> HEA - Ascent MOD - Mod options available <i>Shielding pg. 2</i>	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K TW - 2CH Tunable White (2700-6500K, 90CRI) CL - Custom Lumens CW - Custom Watts MOD - Mod options available <i>Lumen Output pg. 2</i>	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K TW - 2CH Tunable White (2700-6500K, 90CRI) CL - Custom Lumens CW - Custom Watts MOD - Mod options available <i>Lumen Output pg. 3</i>

LENGTH OR PATTERN ³	MOUNTING ⁴	VOLTAGE ⁵	DRIVER	CIRCUITING ⁶
--- Individual Fixture <i>QS</i> --- Continuous Row <i>QS</i> L - L Shape <i>QS</i> R - Rectangle <i>QS</i> S - Square <i>QS</i> U - U-Shape <i>QS</i> T - T Shape X - X Shape MOD - Mod options available <i>Length and Pattern pg. 3-4</i>	AC - (M)AC to Grid <i>QS</i> AC - (M)AC to J Box <i>QS</i> AC - (M)AC to Structure <i>QS</i> AC5 - 5" Non-Power Canopy AC5 - 5" Non-Power Canopy SQ - 5" Square Canopy SQ - 5" Square Canopy WA - Wall Mount <i>QS</i> MOD - Mod options available <i>Mounting pg. 4-5</i>	U - Universal <i>QS</i> (120 thru 277V) 1 - 120V <i>QS</i> 2 - 277V <i>QS</i> 3 - 347V <i>Voltage pg. 5</i>	FSD - Factory Select Driver (1%, 0-10v) <i>QS</i> 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) PR1 - Advance Xitanium SR MOD - Mod options available <i>Driver pg. 5</i>	1 - Single Circuit <i>QS</i> 2 - Dual Circuit M - Multi Circuit E - Emergency <i>QS</i> (entire fixture) N - Night Light <i>QS</i> (entire fixture) <i>Circuiting pg. 6</i>

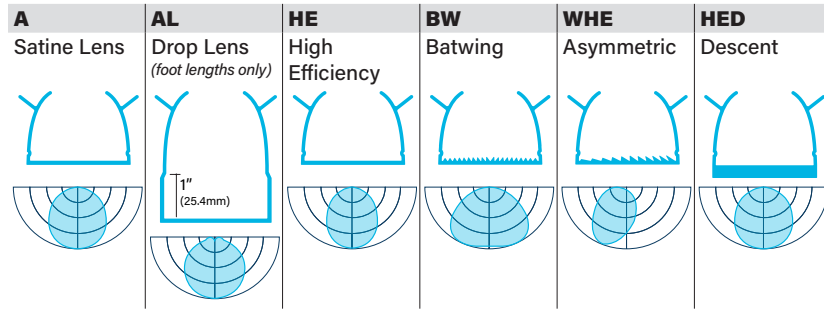
BATTERY & EMERGENCY ⁷	FINISH	FIXTURE OPTIONS ^{8,9}	CONTROLS ¹⁰
0 - None <i>QS</i> FSB - Factory Select Battery <i>QS</i> FSG - Factory Select ALCR GI - Iota ETS DR GB - Bodine GTD ILL - Iota 10W PLL - Bodine 10W <i>Battery and Emergency pg. 6</i>	W - White <i>QS</i> S - Metallic Silver <i>QS</i> BL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

¹When 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. ²When specifying Tunable White, use TW and then specify output, example TWH0 - 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. ³Individual 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'. ⁴Specify 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 ⁵Tunable White (TW) option only available with Universal (U), 120V (1) or 277V (2) options. ⁶Consult factory for Emergency (E) or Night Light (N) options with Tunable White (TW) option. ⁷Enter quantity for Battery and Emergency, Example 2PLL. ⁸When ordering QuickShip, QS must be used in fixture options section of part number to qualify. 1/8" increments not available for QS. ⁹Compliance is configuration dependent; consult factory for confirmation. ¹⁰Controls can only be used with Single Circuit (1) or Emergency Circuit (E). See Controls chart on page 5 for driver options and more information.

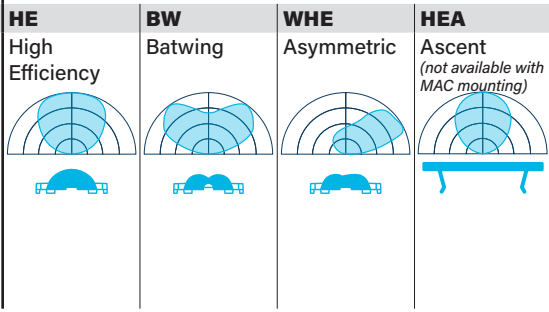
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Direct Shielding



Indirect 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

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
CLTW _____	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 ¹											
			A Satine		AL Drop		HE High Efficiency		BW Batwing		WHE Asymmetric		HED Descent	
			LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft
830	3000K	500	108	4.6	118	4.2	123	4.1	120	4.2	124	4.0	106	4.7
830HO		750	110	6.8	117	6.4	128	5.9	119	6.3	123	6.1	108	6.9
830VHO		1000	110	9.1	120	8.3	131	7.6	122	8.2	126	7.9	109	9.2
835	3500K	500	111	4.5	122	4.1	127	3.9	123	4.1	123	4.1	110	4.6
835HO		750	111	6.8	121	6.2	132	5.7	123	6.1	127	5.9	112	6.7
835VHO		1000	114	8.8	124	8.0	133	7.5	126	7.9	131	7.7	113	8.9
840	4000K	500	111	4.5	122	4.1	127	3.9	123	4.1	123	4.1	110	4.6
840HO		750	111	6.8	121	6.2	132	5.7	123	6.1	127	5.9	112	6.7
840VHO		1000	114	8.8	124	8.0	133	7.5	126	7.9	131	7.7	113	8.9

90 CRI

927	2700K	500	89	5.6	98	5.1	104	4.8	99	5.0	102	4.9	88	5.7
927HO		750	90	8.3	99	7.6	106	7.1	99	7.6	102	7.3	89	8.4
927VHO		1000	90	11.1	99	10.1	106	9.4	100	10.0	104	9.7	88	11.4
930	3000K	500	97	5.1	104	4.8	113	4.4	106	4.7	109	4.6	96	5.2
930HO		750	99	7.6	106	7.0	113	6.6	108	6.9	112	6.7	97	7.7
930VHO		1000	98	10.2	107	9.4	116	8.6	108	9.2	112	8.9	97	10.3
935	3500K	500	97	5.2	104	4.8	113	4.4	105	4.7	109	4.6	96	5.2
935HO		750	98	7.6	106	7.1	112	6.7	108	7.0	111	6.7	97	7.7
935VHO		1000	98	10.2	106	9.4	116	8.6	108	9.3	112	9.0	97	10.3
940	4000K	500	97	5.2	104	4.8	113	4.4	105	4.7	109	4.6	96	5.2
940HO		750	98	7.6	106	7.1	112	6.7	108	7.0	111	6.7	97	7.7
940VHO		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)

TW	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
TWHO		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
TWVHO		1000	N/A		N/A		94.2	10.6	93.0	10.8	93.0	10.8	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

	Color	Lumens per foot	Shielding ¹							
			HE High Efficiency		BW Batwing		WHE Asymmetric		HEA Ascent	
			LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft
830	3000K	500	140	3.6	131	3.8	119	4.2	125	4.0
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	3500K	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	4000K	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	500	118	4.2	110	4.5	99	5.1	102	4.9
927HO		750	118	6.4	110	6.8	98	7.6	104	7.2
927VHO		1000	121	8.3	113	8.9	100	10.0	105	9.5
930	3000K	500	124	4.0	120	4.2	105	4.7	111	4.5
930HO		750	129	5.8	120	6.3	107	7.0	111	6.8
930VHO		1000	132	7.6	123	8.2	108	9.3	114	8.8
935	3500K	500	124	4.0	120	4.2	105	4.8	111	4.5
935HO		750	128	5.8	119	6.3	107	7.0	110	6.8
935VHO		1000	132	7.6	122	8.2	107	9.3	113	8.8
940	4000K	500	124	4.0	120	4.2	105	4.8	111	4.5
940HO		750	128	5.8	119	6.3	107	7.0	110	6.8
940VHO		1000	132	7.6	122	8.2	107	9.3	113	8.8

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

TW	2700 - 6500K	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		Required Driver	Required Control
		EC1	DMX
	Color Changing RGB LED		
	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
24-3/8" (619.1mm)							Specify nominal overall row length to the 1/8" Longer lead-time may apply for lengths to the 1/8" Consult factory.
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" >>>>

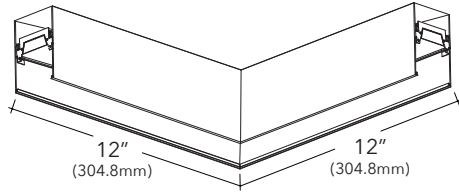
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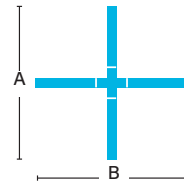
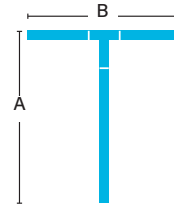
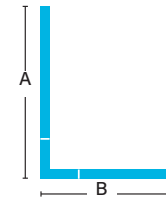
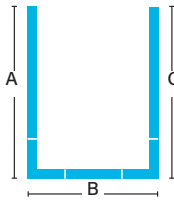
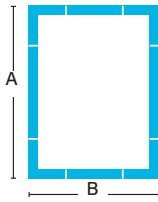
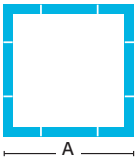


Pattern



- 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"x12" (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: S4' Minimum Length- 4'x4'	Rectangle Provide Ax B Example: R4'x4' Minimum Length- 4'x4'	U-Shape Provide Ax BxC Example: U3'x4'x3' Minimum Length- 3'x4'x3'	L-Shape Provide Ax B Example: L3'x3' Minimum Length- 3'x3'	T-Shape Provide Ax B Example: T3'x5' Minimum Length- 3'x5'	X-Shape Provide Ax B Example: X5'x5' Minimum Length- 5'x5'

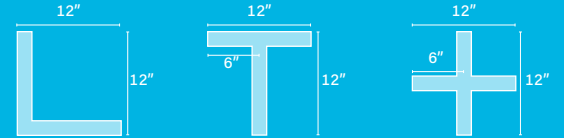


Length or Pattern: MOD Options

- Specify **MOD** in the part number for any of the below options
- Consult factory for **MOD** specification details, pricing, and lead-time information

MOD	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

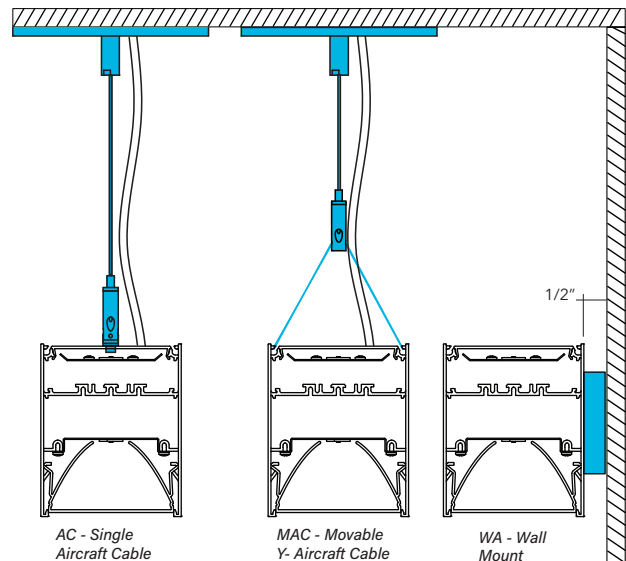


Mounting

- 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

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



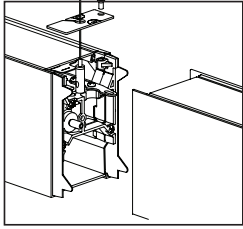
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Straight EDGE Joint System



- 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

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 EX4DI 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
OL5	Advance Xitanium 1%, 0-10v, AUX, Dim to Off
PL5	eldoLED Optotronic 1%, 0-10v, AUX, Dim to Off

DALI Drivers

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

Lutron Drivers

LH1	Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1
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Alternate Drivers

PS1	Advance Xitanium Step Dimming 50%/100%
EH1	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

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 EX4DI configurations will not accommodate all circuiting options, consult with factory

Battery and/or Emergency *If Required*

0	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

0	No Battery
_FSB	Factory Select Battery 10w, Integral Lithium
_FSBST	Factory Select Battery 10w, Integral Lithium, Self Testing
_ILL	Bodine 10w, Integral Lithium, Self Testing
_PLL	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

_FSG	Factory Select ALCR Emergency Control Device, UNV
_GI	Iota 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: 1-1FSB |
| • Emergency only, 10w Integral Battery | Ordering Code: E-1PLL |
| • 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 cord/white canopy)</i>
S	Metallic Silver <i>(white cord/silver canopy)</i>
BL	Textured Black <i>(black cord/black canopy)</i>
BR	Bronze <i>(white cord/bronze canopy)</i>
GR	Graphite <i>(white cord/graphite canopy)</i>
CC	Custom Color <i>(white cord/color match canopy)</i>



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

QS	Quick Ship
DSP	Customer Supplied Battery/Driver/Sensor

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

BA	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

MOD	Remote Driver
	End Power Feed

Quick Ship

Shielding	CRI, CCT & Output	Mounting		Voltage		Driver		Circuiting		Battery		Finish	
10-Day													
A - Direct HE - Direct BW - Direct WHE - Direct HE - Indirect BW - Indirect WHE - Indirect	80 CRI, all color temperatures, all lumen packages <i>See pg 2</i>	(M)AC48G_ (M)AC48JB (M)AC48ST WA	(M)AC to Grid (M)AC to J_BOX (M)AC to Structure Wall Mount	U 1 2	Universal (120-277) 120V 277V	FSD Factory Select Driver <i>(1%, 0-10v)</i>	 <						

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
DLMFC	Legrand Wattstopper DLM	LMFC-011	Digital Lighting Management (DLM)	Wired, two RJ45 ports	OL2, OL4	None
DLMFS	Legrand Wattstopper LLLC	LMFS-601-W / LMFI-111	Wireless DLM Fixture Sensor	Wireless	OD1, PR1, 0-10v	0-10v requires interface
EASYS	Philips EasySense	SNS-210	Daylight/PIR Occupancy	Wireless to switches	PR1	Not available with 347 volt
SNSLM	Wattstopper PLUS SensiLUM	EN-CLM-PIR-DD-ZB	Encelium, Daylight/PIR Occupancy	Wireless	OD1, OL1, OL2	Not available with 347 volt
WLVX	Eaton Wavelinx	SWPD1, NSP3IVMVD1	WaveLinx WCL, Daylight	Wireless	Any 0-10v	Not available with 347 volt
VDO	Lutron Vive Sensor	DFCSJ-OEM-OCC	Vive, Daylight/PIR Occupancy	Wireless	OD1, PR1	Not available with 347 volt
VRF	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

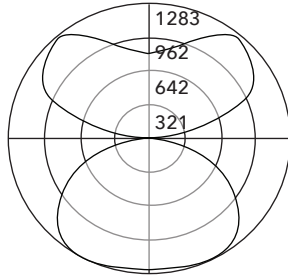
MOD		Ordering Code	Required Driver
	Lutron Athena Sensor	AWNS	OD1, PR1, OL5, PL5
	Lutron Athena Connected	AWNCR	OD1, PR1, OL5, PL5
	Acuity nLight Air Wireless Connected	CM	OL5, EE4, ES4, EE2, ES2



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

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.