PINNACLE
ARCHITECTURAL LIGHTING®

Project Name _____

Date _____ Type _____

EDGE EX4D
4" Suspended Direct Linear

5-1/2" (140mm)

4" (101.6mm)
4-1/2" (114.3mm)

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
- Run lengths available to an 1/8"
- Product transparency with third-party verified Living Building Challenge (LBC) Declared

ETL Listed · 5 YEAR LED WARRANTY · DESIGNED IN DENVER CO. · COMPLIANT OPTIONS BAA BABA AVAILABLE

TUNABLE · QUICKSHIP · Declare. · Third Party Verified

Example Part #: EX4D-HE-N-830HO-26'-AC48G1-U-FSD-1-0-W

EX4D -		-N	-		-		-		-		-		-		-		-	
	DIRECT SHIELDING	INDIRECT SHIELDING		SOURCE		LENGTH OR PATTERN		MOUNTING		VOLTAGE		DRIVER		CIRCUITING		BATTERY & EMERGENCY		FINISH		FIXTURE OPTIONS	CONTROLS

_ _ · N · _ _ _ _ _ _ · _ _ _ _

DIRECT SHIELDING

A - Satine Lens QS
AL - Drop Lens
HE - High Efficiency QS
BW - Batwing QS
WHE - Asymmetric QS
HED - Descent
Shielding pg. 2

INDIRECT SHIELDING

N - None
Shielding pg. 2

SOURCE QS [1,2]

_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
Lumen Output pg. 2

LENGTH OR PATTERN[3]

_ _ - Individual Fixture QS
_ _ - Continuous Row QS
S _ - Square QS
R _ x _ - Rectangle QS
L _ x _ - L Shape QS
U _ x _ - U-Shape
T _ x _ - T-Shape
X _ x _ x _ - X-Shape
MOD - Mod options available
Length and Pattern pg. 3

_ _ _ _ _ _ · _ · _ _ _ · _

MOUNTING[4]

_AC_ _G_ - (M)AC to Grid QS
_AC_ _JB - (M)AC to J Box QS
_AC_ _ST - (M)AC to Structure QS
_AC5_ _G_ - 5" Non-Power Canopy
_AC5_ _JB - 5" Non-Power Canopy
_SQ_ _G_ - 5" Square Canopy
_SQ_ _JB - 5" Square Canopy
WA - Wall Mount QS
S - Surface Mount QS
MOD - Mod options available
mounting pg. 4

VOLTAGE[5]

U - Universal *(120 thru 277V)* QS
1 - 120V QS
2 - 277V QS
3 - 347V
Voltage pg. 4

DRIVER

FSD - Factory Select Driver *(1%, 0-10v)* QS
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
Driver pg. 5

CIRCUITING[6]

1 - Single Circuit QS
M - Multi Circuit
E - Emergency *(entire fixture)* QS
N - Night Light *(entire fixture)* QS
Circuiting pg. 5

_ _ _ · _ _ · _ _ _ _ · _ _ _

BATTERY & EMERGENCY[7]

0 - None QS
_FSB - Factory Select Battery QS
_FSG - Factory Select ALCR
_GI - Iota ETS DR
_GB - Bodine GTD
_ILL - Iota 10W
_PLL - Bodine 10W
Battery and Emergency pg. 5-6

FINISH

W - White QS
S - Metallic Silver QS
BL - Textured Black QS
BR - Bronze
GR - Graphite
CC - Custom Color
Finish pg. 6

FIXTURE OPTIONS[8,9]

QS - Quick Ship QS
TC - Indirect Top Cover *(ac mounting only)*
DSP - Customer Supplied Battery/Driver/Sensor
BA - Buy America(n) Act and/or Build America Buy America Compliant
MOD - Mod options available
Fixture Options pg. 6

CONTROLS[10]

DLMFC - Wattstopper DLM
DLMFS - Wattstopper LLLC
EASYS - Philips EasySense
SNSLM - Wattstopper PLUS SensiLUM
WVLX - Eaton Wavelinx
VDO - Lutron Vive Sensor
VRF - Lutron Vive Connected
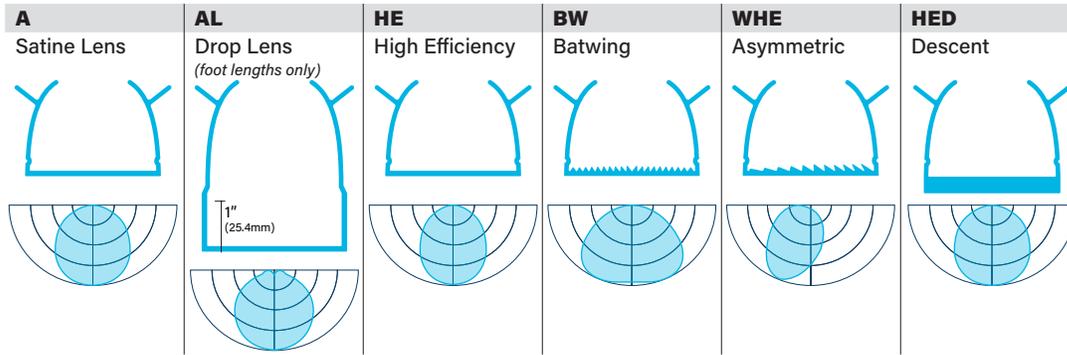**MOD -** Mod options available
Controls pg. 7

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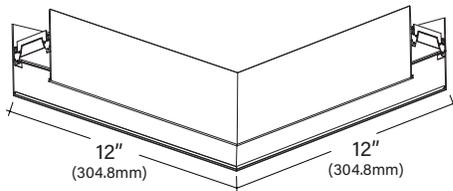
Direct Shielding

A	AL	HE	BW	WHE	HED
Satine Lens	Drop Lens *(foot lengths only)*	High Efficiency	Batwing	Asymmetric	Descent

1" (25.4mm)

Indirect Shielding

N None

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	A Satine LPW	A Satine Watts/ft	AL Drop LPW	AL Drop Watts/ft	HE High Efficiency LPW	HE High Efficiency Watts/ft	BW Batwing LPW	BW Batwing Watts/ft	WHE Asymmetric LPW	WHE Asymmetric Watts/ft	HED Descent LPW	HED Descent Watts/ft
830SO	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
835SO	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
840SO	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

[1] Shielding

90 CRI

	Color	Lumens per foot	A LPW	A Watts/ft	AL LPW	AL Watts/ft	HE LPW	HE Watts/ft	BW LPW	BW Watts/ft	WHE LPW	WHE Watts/ft	HED LPW	HED Watts/ft
927SO	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
930SO	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
935SO	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
940SO	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)

	Color	Lumens per foot	A LPW	A Watts/ft	AL LPW	AL Watts/ft	HE LPW	HE Watts/ft	BW LPW	BW Watts/ft	WHE LPW	WHE Watts/ft	HED LPW	HED Watts/ft
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	

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

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

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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

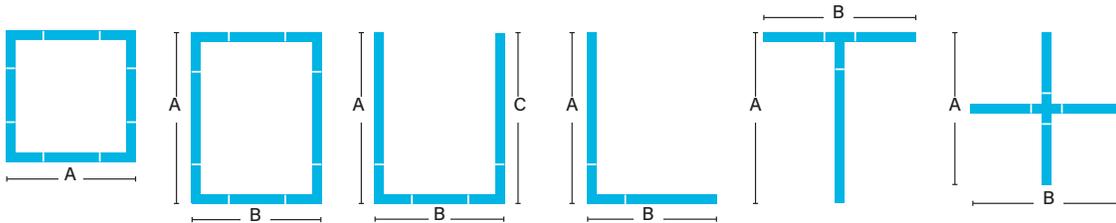| 2	3	4	5	6	7	8	–
Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Cont. Run *Specify nominal overall row length to the 1/8" Longer lead-time may apply for lengths to the 1/8". Consult factory.*

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" ▸▸▸

Pattern

12" (304.8mm)   12" (304.8mm)

- 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
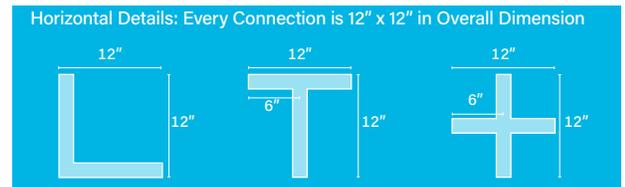- Only available with "A" or "HE" lens options

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

12" / 12"   12" / 6" / 12"   12" / 6" / 12"

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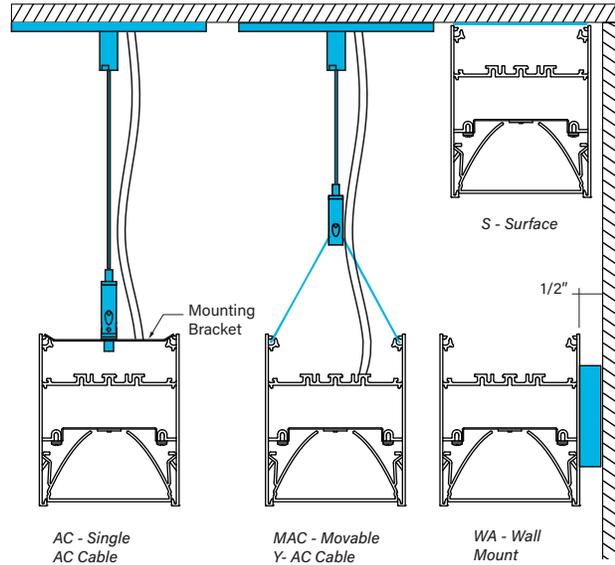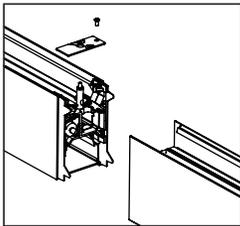
Mounting

- Specify cable length in ordering code (AC48G1)
- Standard adjustable cable. Specify 48", 120", 240" or 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 20 lbs for a standard 4' fixture

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
S	Surface Mount

S - Surface

1/2"

Mounting Bracket

AC - Single AC Cable

MAC - Movable Y- AC Cable

WA - Wall Mount

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	Recessed to Suspended

Voltage

- Some EX2D 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

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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 EX2D 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
Alternate Drivers	
PS1	Advance Xitanium Step Dimming 50%/100%
EH1	ERP 1%, Line Voltage and ELV, requires 120v

Driver: 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

How to Specify Circuiting, Battery and Emergency

1
- Select fixture circuiting from options below
- Some EX2D 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
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 EX2D 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' 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 (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
- 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
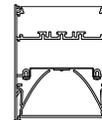- Single circuit, GTD required — Ordering Code: 1-1GB

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

Fixture Options

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

QS	Quick Ship
DSP	Customer Supplied Battery/Driver/Sensor
TC	Indirect Top Cover *(ac mounting only)*

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

BA	Buy America(n) Act and/or Build America Buy America Compliant

Cross section with TC Option

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 HE BW WHE	80 CRI, all color temperatures, all lumen packages *See pg 2*	(M)AC48G_ (M)AC48JB (M)AC48ST WA S	(M)AC to Grid (M)AC to J_BOX (M)AC to Stucture Wall Mount Surface Mount	U 1 2	Universal (120-277) 120V 277V	FSD	Factory Select Driver *(1%, 0-10v)*	1 E N	Single Circuit Emergency Night Light	0 _FSB	None Factory Select Battery	W S BL	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 Controls with Tunable White (TW) option

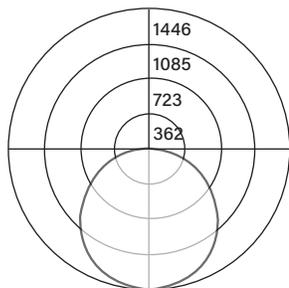|	Solution	Components	Network/Sensor	Connection	Required Drivers	Limitations
DLMFC	Legrand Wattstopper DLM	LMFC-011	Digital Lighting Management (DLM)	Wired, two RJ45 ports	OL2, OL4	None
DLMFS	Legrand Wattstopper LLLC	LMFS-601-W / LMFI-111	Wireless DLM Fixture Sensor	Wireless	OD1, PR1, 0-10v	0-10v requires 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, NSP3IVMVDC1	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

		Ordering Code	Required Driver
MOD	Lutron Athena Sensor	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

Test #	ITL91449
Catalog #	EX4D-A-840VHO-4
Lumens	4125 lm
Watts	34.8 W
Efficacy	118.5 LPW

1446
1085
723
362

Candela Distribution

Vert Angle	Horizontal Angle				
	0	22.5	45	67.5	90
0	1446	1446	1446	1446	1446
5	1439	1440	1440	1440	1440
10	1422	1420	1423	1423	1423
15	1393	1383	1391	1392	1389
20	1347	1338	1346	1346	1344
25	1292	1280	1289	1289	1286
30	1225	1214	1222	1220	1217
35	1149	1137	1146	1141	1138
40	1062	1054	1059	1054	1052
45	969	960	963	958	954
50	865	859	860	854	852
55	756	751	750	743	744
60	641	635	633	629	626
65	522	518	516	511	511
70	399	395	392	391	391
75	276	275	275	274	275
80	161	163	164	164	166
85	67	67	69	69	69
90	0	0	0	0	0

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11170	11101	10997
55	10744	10658	10573
65	10068	9952	9856
75	8692	8661	8661
85	6266	6453	6453

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℃ ambient conditions

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.

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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 dependant 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 20lbs per 4' fixture.

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

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