PINNACLE
ARCHITECTURAL LIGHTING®

EDGE EV3D
3" Recessed Linear

4" (101.6mm)

3" (76.2mm)

See Mounting Section

5-1/4" (133.4mm)
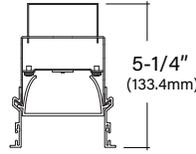
Key Features

- Extruded aluminum trim with formed cold rolled 20 gauge steel back box housing
- 5-year limited warranty covers LED, driver and fixture
- ETL listed conforming to UL 1598 in US and CSA 250 in Canada
- Approved for dry/damp location unless otherwise noted
- Room-Side Maintenance for LED system
- Product transparency with third-party verified Living Building Challenge (LBC) Declared
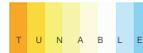
Example Part #: EV3D-HE-830HO-26'-G1-U-FSD-1-0-W

EV3D -

SHIELDING	SOURCE	LENGTH OR PATTERN	MOUNTING	VOLTAGE	DRIVER	CIRCUITING	BATTERY & EMERGENCY	FINISH	FIXTURE OPTIONS	CONTROLS

SHIELDING

A - Satine Lens QS
HE - High Efficiency Lens QS
BW - Batwing QS
WHE - Asymmetric QS
AL - Drop Lens
HED - Descent Lens
H - Arched Regress Lens
R - Regress Lens
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
L _ x _ - L Shape QS
R _ x _ - Rectangle QS
S _ - Square QS
U _ x _ - U Shape QS
T _ x _ - T Shape
X _ x _ x _ - X Shape
WC _ x _ - Wall to Ceiling QS
MOD - Mod options available
Length and Pattern pg. 3-4

MOUNTING

G1 - 1" *(15/16")* T Bar QS
G9 - 9/16" T Bar QS
GB - 9/16" Bevel T Bar
GS - Screw Slot T Bar QS
FL - 1/2" Flange QS
NF - Non Flange QS
SF - Spackle Flange QS
MOD - Mod options available
Mounting pg. 4

VOLTAGE[4]

U - Universal QS
(120 thru 277V)
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[5]

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

BATTERY & EMERGENCY[6]

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
_E - Emergency Circuit Section
_N - Night Light Circuit Section
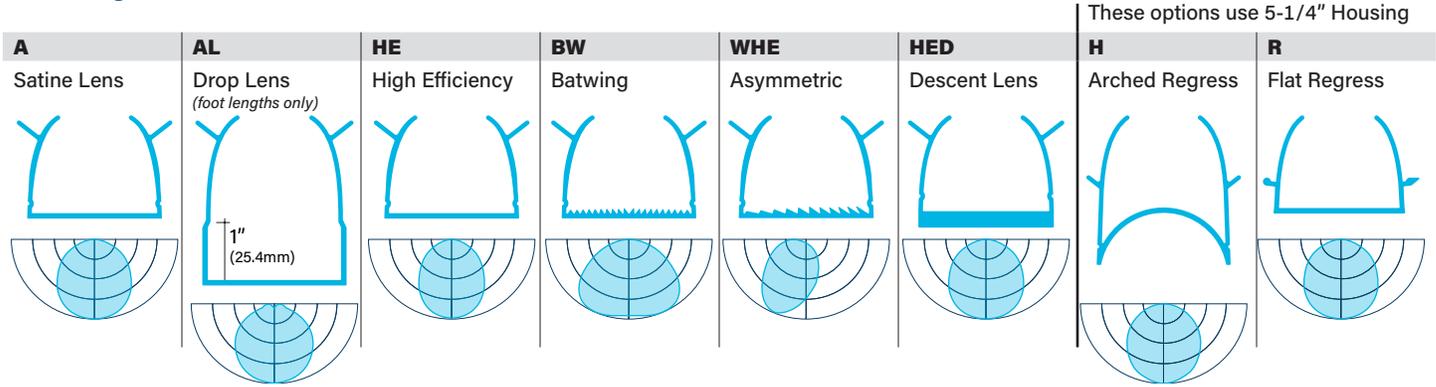*Battery and Emergency pg. 5-6*

FINISH

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

FIXTURE OPTIONS[7,8]

QS - Quick Ship QS
CP - Chicago Plenum QS
FIL - Field Cut Illuminated Extension QS
LMRA - Adjustable MR16 *(LED)*
XLED - Fixed Xicato LED
GLR - Internal Fast Blow Fuse QS
FW6 - 6' Flex Whip
BA - Buy America(n) Act and/or Build America Buy America Compliant
MOD - Mod options available
Fixture Options pg. 6-7

CONTROLS[9]

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

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[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]Tunable White (**TW**) option only available with Universal (**U**), 120V (**1**) or 277V (**2**) options. [5]Consult factory for Emergency (**E**) or Night Light (**N**) options with Tunable White (**TW**) option. [6]Enter quantity for Battery and Emergency, Example 2PLL. [7]When ordering QuickShip, **QS** must be used in fixture options section of part number to qualify. **LMRA** option only available with 120v. Rotating Crossbar (**RC**) option only available with **FL** and **NF** mounting. [8]Compliance is configuration dependent; consult factory for confirmation. [9]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.

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.

Shielding

These options use 5-1/4" Housing

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

1" (25.4mm)

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	Watts/ft	AL Drop LPW	Watts/ft	HE High Efficiency LPW	Watts/ft	BW Batwing LPW	Watts/ft	WHE Asymmetric LPW	Watts/ft	HED Descent Lens LPW	Watts/ft	H Arched Regress LPW	Watts/ft	R Regress LPW	Watts/ft
830		500	119	4.2	123	4.1	134	3.7	126	4.0	131	3.8	116	4.3	100	5.0	117	4.3
830HO	3000K	750	119	6.3	127	5.9	139	5.4	131	5.7	135	5.5	115	6.5	100	7.5	117	6.4
830VHO		1000	122	8.2	131	7.7	140	7.1	132	7.6	136	7.3	118	8.5	101	9.9	119	8.4
835		500	123	4.1	127	3.9	138	3.6	130	3.8	135	3.7	120	4.2	103	4.8	121	4.1
835HO	3500K	750	123	6.1	131	5.7	144	5.2	135	5.6	140	5.3	119	6.3	103	7.3	120	6.2
835VHO		1000	126	7.9	133	7.5	144	6.9	136	7.4	141	7.1	122	8.2	104	9.6	123	8.1
840		500	123	4.1	127	3.9	138	3.6	130	3.8	135	3.7	120	4.2	103	4.8	121	4.1
840HO	4000K	750	123	6.1	131	5.7	144	5.2	135	5.6	140	5.3	119	6.3	103	7.3	120	6.2
840VHO		1000	126	7.9	133	7.5	144	6.9	136	7.4	141	7.1	122	8.2	104	9.6	123	8.1

90 CRI

	Color	Lumens per foot	A LPW	Watts/ft	AL LPW	Watts/ft	HE LPW	Watts/ft	BW LPW	Watts/ft	WHE LPW	Watts/ft	HED LPW	Watts/ft	H LPW	Watts/ft	R LPW	Watts/ft
927		500	99	5.1	104	4.8	113	4.4	106	4.7	110	4.5	96	5.2	81	6.2	97	5.2
927HO	2700K	750	99	7.6	106	7.1	112	6.7	108	6.9	109	6.9	97	7.7	82	9.1	98	7.6
927VHO		1000	100	10.0	107	9.3	116	8.6	109	9.2	113	8.9	97	10.3	N/A		98	10.2
930		500	106	4.7	113	4.4	123	4.1	116	4.3	120	4.2	103	4.9	88	5.7	103	4.8
930HO	3000K	750	108	7.0	113	6.7	123	6.1	115	6.5	120	6.3	105	7.2	89	8.4	106	7.1
930VHO		1000	108	9.2	116	8.6	126	8.0	118	8.5	123	8.2	106	9.4	89	11.2	107	9.3
935		500	105	4.7	113	4.4	122	4.1	115	4.3	119	4.2	102	4.9	88	5.7	103	4.9
935HO	3500K	750	107	7.0	112	6.7	122	6.1	115	6.5	119	6.3	104	7.2	89	8.4	105	7.1
935VHO		1000	108	9.3	116	8.7	125	8.0	118	8.5	122	8.2	106	9.5	88	11.4	107	9.4
940		500	105	4.7	113	4.4	122	4.1	115	4.3	119	4.2	102	4.9	88	5.7	103	4.9
940HO	4000K	750	107	7.0	112	6.7	122	6.1	115	6.5	119	6.3	104	7.2	89	8.4	105	7.1
940VHO		1000	108	9.3	116	8.7	125	8.0	118	8.5	122	8.2	106	9.5	88	11.4	107	9.4

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

	Color	Lumens per foot	A LPW	Watts/ft	AL LPW	Watts/ft	HE LPW	Watts/ft	BW LPW	Watts/ft	WHE LPW	Watts/ft	HED LPW	Watts/ft	H LPW	Watts/ft	R LPW	Watts/ft
TW		500	95.8	5.2	102.7	4.9	112.1	4.5	104.9	4.8	108.5	4.6	92.7	5.4	77.7	6.4	93.9	5.3
TWHO	2700 - 6500K	750	92.6	8.1	99.1	7.6	108.1	6.9	101.9	7.4	105.4	7.1	89.5	8.4	73.6	10.2	90.2	8.3
TWVHO		1000	87.0	11.5	94.2	10.6	103.9	9.6	97.1	10.3	101.3	9.9	N/A		N/A		N/A	

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Direct 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

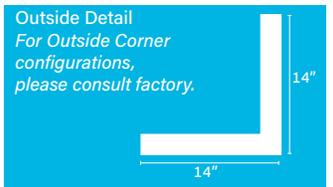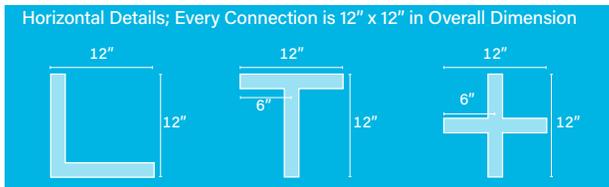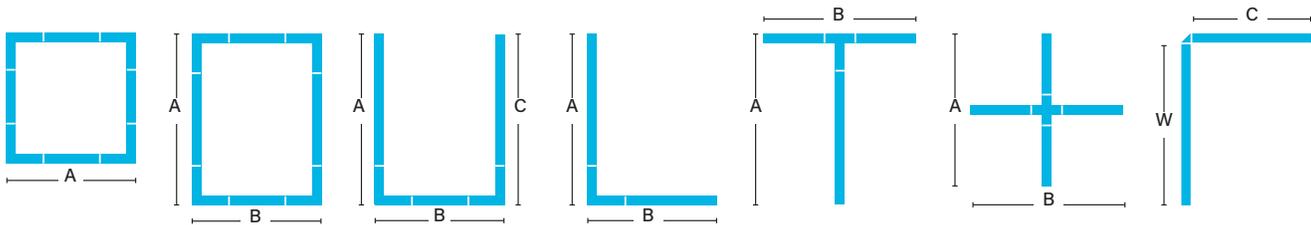| MOD		Required Driver	Required Control
	Color Changing RGB LED	EC1	DMX
	Color Changing RGB-W LED	EC1	DMX

Length

- All individual units cannot be joined, end trims are factory installed and cannot be removed
- Refer to Pattern section for specification and ordering options
- Continuous Rows are made up of even and odd length fixtures; designed to fall on-grid

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"*

- 23" (584.2mm)
- 35" (889mm)
- 47" (1193.8mm)
- 59" (1498.6mm)
- 71" (1803.4mm)
- 83" (2108.2mm)
- 95" (2413mm)
- Specify to the 1/8"

Pattern

- Specify pattern shape and overall dimensions (includes corner dimensions)
- 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 Lenses
- Not all drivers available with all patterns; consult factory

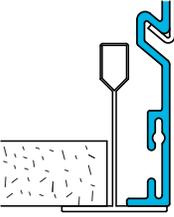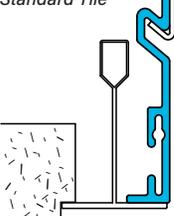| S_	R_x_	U_x_x_	L_x_	T_x_	X_x_	WC_x_
Square	Rectangle	U-Shape	L-Shape	T-Shape	X-Shape	Wall to Ceiling
Provide A dimension	*Provide AxB dimensions*	*Provide AxBxC dimensions*	*Provide AxB dimensions*	*Provide AxB dimensions*	*Provide AxB dimensions*	*Provide WxC dimensions*
Example: S4'	*Example: R4'x4'*	*Example: U3'x4'x3'*	*Example: L3'x3'*	*Example: T3'x5'*	*Example: X5'x5'*	*Example: WC2'x2'*
Nominal Length- 4'x4'	*Nominal Length- 4'x4'*	*Nominal Length- 3'x4'x3'*	*Nominal Length- 3'x3'*	*Nominal Length- 3'x5'*	*Nominal Length- 5'x5'*	*Nominal Length- 2'x2'*
Minimum Length- 3'11"x3'11"	*Minimum Length- 3'11"x3'11"*	*Minimum Length- 2'11"x3'11"x2'11"*	*Minimum Length- 2'11"x2'11"*	*Minimum Length- 2'11"x4'10"*	*Minimum Length- 4'10"x4'10"*	*Minumim Length- 1'11"x1'11"*

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

Wall to Ceiling Detail

Wall to Ceiling connector does not impact overall length. Entire connector will be recessed into wall/ceiling once installed.

Outside Detail

For Outside Corner configurations, please consult factory.

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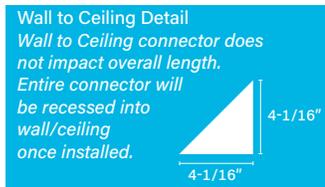
Length or Pattern: MOD Options

- 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

Mounting

- Individual units cannot be joined, end trims are factory installed and cannot be removed
- Designed to install into acoustical grid and inaccessible ceilings
- Grid retention brackets integral to housing and require mechanical attachment
- Each housing contains 4 grid retention brackets
- Tie off fixture to structure with retention wires
- Approved for dry/damp location unless otherwise noted

G1
1" (15/16") T-Bar
Flange to Flange: 3-13/16" (96.8mm)

Standard Tile

Tegular Tile

G9
9/16" T-Bar
For tegular tile installations, fixture position will not be flush to the bottom of the tile
Flange to Flange: 3-13/16" (96.8mm)
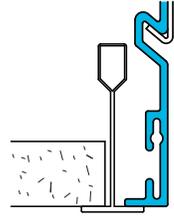
Standard Tile
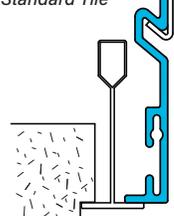
Tegular Tile

GB
9/16" T-Bar
Rail has bevel edge details. For tegular tile installations, fixture position will be flush to the bottom of the tile
Flange to Flange: 3-13/16" (96.8mm)
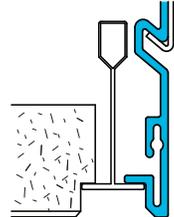
Tegular Tile

GS
Screw Slot & 9/16" T-Bar
For 9/16" installations with tegular tile, fixture position will be flush to the bottom of the tile
Flange to Flange: 3-13/16" (96.8mm)
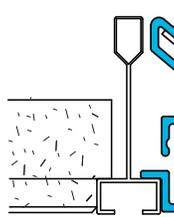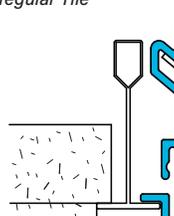
Tegular Tile

Tegular Tile

FL
Exposed Standard 1/2" Flange Detail
Flange to Flange: 4-1/8" (104.7mm)
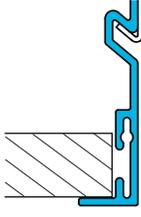
NF
Metal Pan or Millwork
Flange to Flange: 3-7/16" (87.3mm)
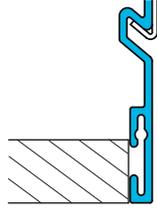
SF
Drywall, Flangeless Detail
Flange to Flange: 5" (127mm)
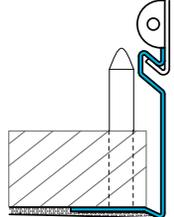
RC
Optional Rotating Crossbar
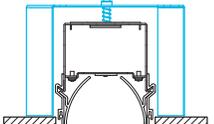
Mounting: MOD Options

- 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
	Alternative Ceiling Solutions
	Combination Rails

Voltage

- Some EV3D 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 EV3D configurations will not accommodate all driver options; consult with factory

0-10V Drivers	
FSD	Factory Select Driver 1%, 0-10v
PL2	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 0.1%, 0-10v, Logarithmic
ES2	eldoLED SOLOdrive 0.1%, 0-10v, Linear
PL5	Advance Xitanium 1%, 0-10v, AUX, Dim to Off
OL5	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, DALI 2, DT6, Self powered link
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 EV3D 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 *(Not available with controls)*
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 EV3D 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 is remote
- No battery option available for 2' & 3' lengths
- Entire fixture is on battery for lengths up to 5'
- Half of 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 option)
_FSBST	Factory Select Battery (10w, Self Testing)
_PLL	Bodine 10w Integral Lithium, Self Testing
_ILL	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

Battery OR Emergency Ordering Examples
- Single circuit, 10w Integral Battery   Ordering Code: 1-1PLL
- Emergency only, 10w Integral Battery   Ordering Code: E-1PLL
- Single circuit, GTD required   Ordering Code: 1-1GB

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 Transfer Switch, 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

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
S	Metallic Silver
BL	Textured Black
GR	Graphite
BR	Bronze
CC	Custom Color

Fixture Options

- Consult factory for MR16 configurations
- FIL has 2" min - 12" max length
- FIL Option angle range is 40° to 90°
- FIL Option is not IC rated
- Rotating Crossbar (RC) option only available with FL and NF mounting.

QS	Quick Ship
CP	Chicago Plenum
FIL	Field Cut Illuminated Extension
LMRA	Adjustable MR16 LED *(only available with 120v)*
XLED	Fixed Xicato LED
RC	Rotating Crossbar
DSP	Customer Supplied Battery/Driver/Sensor
GLR	Internal Fast Blow Fuse
FW6	6' Flex Whip

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

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

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

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.

Quick Ship

Shielding	Source	Mounting	Voltage	Driver	Circuiting	Battery	Finish	Options
10-Day								
A **HE** **BW** **WHE**	80 CRI, all color temperatures, all lumen packages *See pg 2*	**G1** 1" T-Bar **G9** 9/16" T-Bar **GS** Screw Slot **FL** 1/2" Flange **NF** Flangeless **SF** Spackle Flange	**U** Universal (120-277) **1** 120V **2** 277V	**FSD** Factory Select Driver *(1%, 0-10v)*	**1** Single Circuit **E** Emergency **N** Night Light	**0** None **FSB** Factory Select Battery	**W** White	**CP** Chicago Plenum **FIL** Field Cut Extensions **GLR** Fast Blow Fuse

All lengths and continuous rows up to 1,000 ft OR 150 individual fixtures. 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
- Must specify required driver in Driver Section
- 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	Any 0-10v	None
DLMFS	Legrand Wattstopper LLLC	LMFS-601-W / LMFI-111	Wireless DLM Fixture Sensor	Wireless	OD1, PR1 or 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, OL5	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 #	91432, 93985[1]
Catalog #	EV3D-A-840VHO-4
Lumens	4020 lm
Watts	32.3 w
Efficacy	124.6 LPW

1402
1052
701
351
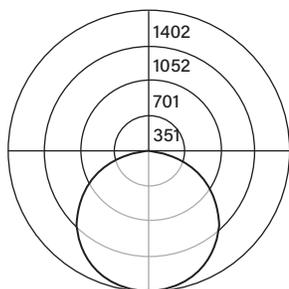
Candela Distribution

Vert Angle	Horizontal Angle				
	0	22.5	45	67.5	90
0	1400	1400	1400	1400	1400
5	1393	1395	1397	1398	1399
15	1348	1344	1350	1350	1348
25	1253	1245	1253	1254	1247
35	1112	1104	1112	1108	1105
45	940	932	935	932	930
55	734	730	730	729	727
65	507	504	503	501	503
75	269	268	271	273	274
85	65	66	70	73	73
90	0	0	0	0	0

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	10950	10892	10833
55	10541	10483	10440
65	9882	9804	9804
75	8561	8625	8720
85	6143	6616	6899

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

Applications & Certificates

Construction: Formed cold-rolled 20 gauge steel housing. Highly reflective die-formed white painted steel reflector.

Shielding: Diffuse snap-in acrylic lens, removable for maintenance.

Mounting: EDGE is designed to install into acoustical grid and inaccessible ceilings. Specify GXG, FLF, SFS, NFN for individual, unjoinable units (individual units will fall on-grid). Specify GX, FL, SF, NF for continuous runs (runs designed to fall on-grid). Consult factory for detailed installation instructions.

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 = 67,600 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.

CRI, CCT & Lumen Output: Not all lumen packages available. Three lumen packages available. Standard, High (HO) and Very High (VHO). Custom outputs are available. Specify custom lumens or watts between standard offering listed on CRI, CCT & Output page. 80 CRI is available for 3000K, 3500K, and 4000K. 90 CRI is available for 2700K, 3000K, 3500K and 4000K. 90 CRI = R9≥50.

Voltage: Universal (U), 120 volt (1), 277 volt (2) and 347 volt (3) options available. Must specify 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 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 98°F/37°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 is remote 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.

MR16: Ideal for conference rooms, corridors, wall washing, retail spaces and training facilities where accent lighting is required. Fully enclosed compartment eliminates light from entering into our fixture areas. LED lamps are not included. Consult factory for other lamp types. Standard 60 watt max LED electronic transformer (120v), MR16 installed as an independent circuit. MR16 to match fixture voltage. LMRA option not available with 277v. Consult factory for MR16 configurations.

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: ETL listed conforming to UL 1598 in US and CSA 250 in Canada. 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 15lbs per 4' fixture.

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

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Designed in Denver, CO ▪ USA | pinnacle-ltg.com | O: 303-322-5570 F: 303-322-5568

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