PINNACLE
ARCHITECTURAL LIGHTING®

Project Name _____

Date _____ Type _____

EDGE EV2D
2" Recessed Linear

4" (101.6mm)

2-1/4" (57.2mm)
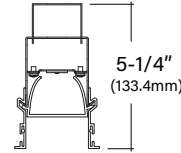
See Mounting Section

5-1/4" (133.4mm)

Key Features

- Extruded aluminum trim with formed cold rolled 18 gauge steel back box housing
- Highly reflective white painted steel reflector
- 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
- Maximum fixture weight is 15lbs per 4ft fixture
- Room-Side Maintenance for LED system
- Buy American Act compliant
- Indigo-Clean available, see Indigo-Clean specification sheets for details

5 YEAR LED WARRANTY · Intertek ETL LISTED c US · ic RATED · QUICKSHIP · BUY AMERICAN ACT COMPLIANT · SMART · LED · DESIGNED IN DENVER CO.

Example Part #: EV2D-HE-830HO-26'-G1-U-OL1-1-0-W

EV2D - ___ **-** _____ **-** _____ **-** _____ **-** _____ **-** _____ **-** _____ **-** _____ **-** _____ **-** _____

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

___ ___ _____ _____

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

SOURCE QS[1]
_27_ _ - 2700K
_30_ _ - 3000K
_35_ _ - 3500K *(available as BIOS)*
_40_ _ - 4000K *(available as BIOS)*
TW3 - Tunable White *(Blanco 3)*
CL_ _ _ _ _ _ - Custom Lumens
CW_ _ _ _ _ _ - Custom Watts
MOD - Mod options available
Lumen Output pg. 2-3

LENGTH OR PATTERN[2]
_ _ - 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[3]
G1(G) - 1" *(15/16")* T Bar QS
G9(G) - 9/16" T Bar QS
GB(G) - 9/16" Bevel T Bar
GS(G) - Screw Slot T Bar QS
FL(F) - 1/2" Flange QS
NF(N) - Non Flange QS
SF(S) - Spackle Flange QS
MOD - Mod options available
Mounting pg. 5

____ _____ _ ___

VOLTAGE
U - Universal QS
(120 thru 277V)
1 - 120V QS
2 - 277V QS
3 - 347V
Voltage pg. 5

DRIVER
FSD - Factory Select Driver *(1%, 0-10v)* QS
PL2 - Advance Xitanium *(1%, 0-10v)* QS
OL4 - Osram 347v *(1%, 0-10v)*
EE1 - eldoLED ECOdrive *(1%, 0-10v)*
ES1 - eldoLED SOLOdrive *(0%, 0-10v)*
LH1 - Lutron Hi-lume *(1%, EcoSystem)*
PR1 - Advance Xitanium SR
OL2 - Osram *(1%, 0-10v)* QS
MOD - Mod options available
Driver pg. 6

CIRCUITING
1 - Single Circuit QS
M - Multi Circuit
E - Emergency QS
(entire fixture)
N - Night Light QS
(entire fixture)
Circuiting pg. 6

BATTERY & EMERGENCY[4]
0 - None QS
_FSG - Factory Select ALCR
_GI - Iota ETS DR
_GB - Bodine GTD
_P - Bodine 10W
_IC - Iota 10W QS
_E - Emergency Circuit Section
_N - Night Light Circuit Section
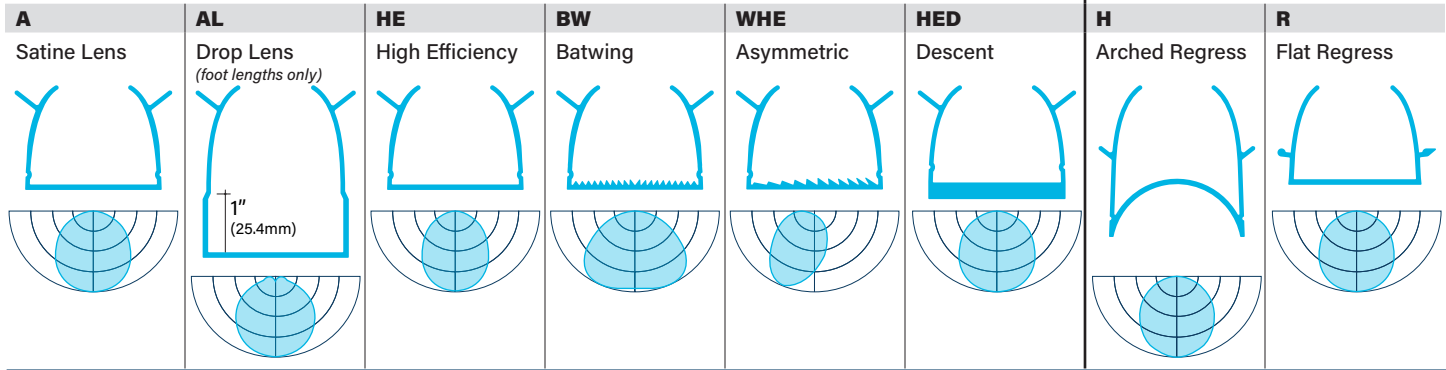**_L** - Life Safety Circuit Section
Battery and Emergency pg. 7

___ __ ____

FINISH
W - White QS
S - Metallic Silver
BL - Textured Black
BR - Bronze
GR - Graphite
CC - Custom Color
Finish pg. 7

FIXTURE OPTIONS[5]
QS - Quick Ship QS
CP - Chicago Plenum QS
FIL - Field Cut Illuminated Extension
RC - Rotating Crossbar
GLR - Internal Fast Blow Fuse QS
MOD - Mod options available
DSP - Customer Supplied Battery/Driver/Sensor
Fixture Options pg. 7

CONTROLS[6]
DLMFC - Wattstopper DLM *(wired)*
DLMFS - Wattstopper LLLC *(wireless)*
EASYS - Philips EasySense *(wireless)*
SNSLM - Encelium Sensilum *(wireless)*
WVLX - Eaton Wavelinx *(wireless)*
VDO - Lutron Vive Sensor *(wireless)*
VRF - Lutron Vive Connected *(wireless)*
ENL_ - Enlighted *(wireless)*
MOD - Mod options available
Controls pg. 8

1. When specifying SOURCE the first _ is for specifying either 8 - 80CRI or 9 - 90CRI. The ending _ _ are for specifying output, example HO - High Output. If specifying QS output is 80 CRI, all color temperatures, all lumen packages. Does not include Tunable White. See output charts for more information. 2. 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'. 3. Specify mounting for individual or continuous length: G1, G9, GS, FL, NF & SF for continuous rows, G1G, G9G, GSG, FLF, NFN & SFS for individual lengths. 4. Enter quantity for Battery and Emergency, Example 2P. 5. QS must be used in fixture options section of part number to qualify. LMRA option only available with 120v 6Controls 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

A	AL	HE	BW	WHE	HED	These options use 5-1/4" Housing	
Satine Lens	Drop Lens *(foot lengths only)*	High Efficiency	Batwing	Asymmetric	Descent	H — Arched Regress	R — Flat Regress

Source: White LED[1]

- Specify either 80 or 90 CRI
- Longer lead-time may apply for 90 CRI. Consult factory
- 80 CRI = R9≥19 and 90 CRI = R9≥61

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	A Satine		AL Drop		HE High Efficiency		BW Batwing		WHE Asymmetric		HED Descent		H Arched Regress		R Regress	
			LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft
830	3000K	500	103	4.9	105	4.8	123	4.1	120	4.2	120	4.2	101	4.9	105	4.8	98	5.1
830HO	3000K	750	105	7.2	107	7.0	123	6.1	120	6.2	120	6.3	103	7.3	107	7.0	99	7.6
830VHO	3000K	1000	106	9.4	107	9.3	126	8.0	123	8.1	123	8.2	105	9.5	107	9.3	99	MAX
835	3500K	500	106	4.7	108	4.6	122	4.1	124	4.0	124	4.0	105	4.8	108	4.6	101	5.0
835HO	3500K	750	108	6.9	110	6.8	127	5.9	124	6.1	123	6.1	107	7.0	110	6.8	101	7.5
835VHO	3500K	1000	108	9.2	111	9.0	130	7.7	127	7.9	127	7.9	107	9.3	111	9.0	102	9.8
840	4000K	500	106	4.7	108	4.6	122	4.1	124	4.0	124	4.0	105	4.8	108	4.6	101	5.0
840HO	4000K	750	108	6.9	110	6.8	127	5.9	124	6.1	123	6.1	107	7.0	110	6.8	101	7.5
840VHO	4000K	1000	108	9.2	111	9.0	130	7.7	127	7.9	127	7.9	107	9.3	111	9.0	102	9.8

90 CRI

	Color	Lumens per foot	A Satine		AL Drop		HE High Efficiency		BW Batwing		WHE Asymmetric		HED Descent		H Arched Regress		R Regress	
			LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft
927	2700K	500	84	5.9	86	5.8	102	4.9	100	5.0	99	5.0	84	6.0	86	5.8	79	6.4
927HO	2700K	750	86	8.7	88	8.5	102	7.4	99	7.5	99	7.6	85	8.8	88	8.5	80	9.3
927VHO	2700K	1000	N/A		N/A		103	9.7	N/A		N/A		N/A		N/A		N/A	
930	3000K	500	93	5.4	95	5.3	109	4.6	107	4.7	106	4.7	91	5.5	95	5.3	86	5.8
930HO	3000K	750	94	8.0	96	7.8	111	6.8	109	6.9	108	6.9	93	8.1	96	7.8	88	8.5
930VHO	3000K	1000	N/A		N/A		112	9.0	109	9.2	109	9.2	N/A		N/A		N/A	
935	3500K	500	92	5.4	94	5.3	108	4.6	106	4.7	106	4.7	91	5.5	94	5.3	86	5.8
935HO	3500K	750	94	8.0	96	7.8	111	6.8	108	6.9	108	7.0	92	8.1	96	7.8	88	8.6
935VHO	3500K	1000	N/A		N/A		111	9.0	109	9.2	108	9.2	N/A		N/A		N/A	
940	4000K	500	92	5.4	94	5.3	108	4.6	106	4.7	106	4.7	91	5.5	94	5.3	86	5.8
940HO	4000K	750	94	8.0	96	7.8	111	6.8	108	6.9	108	7.0	92	8.1	96	7.8	88	8.6
940VHO	4000K	1000	N/A		N/A		111	9.0	109	9.2	108	9.2	N/A		N/A		N/A	

Source: BIOS[1]

- CRI >84, R9 >90
- Spectrum focused lighting for circadian stimulus
- High EML or M/P ratio: .8 for 3500K, .9 for 4000K
- COI: ≤3.3
- Available for use with most Driver or Control options

Custom Output - Lumens OR Wattage

CLB _ _ _ _	Specify CRI, CCT and desired lumens (i.e. CL835500)	Specify lumens between standard offering listed below. Lumens are specified per color temp
CWB _ _ _ _	Specify CRI, CCT and desired wattage (i.e. CW9407)	Specify watts between standard offering listed below

BIOS

	Color	Lumens per foot	A Satine		HE High Efficiency		BW Batwing	
			LPW	Watts/ft	LPW	Watts/ft	LPW	Watts/ft
B35	3500K	500	63.4	7.9	77	6.5	75	6.7
B35HO	3500K	750	62.0	12.1	77	9.7	75	10.0
B40	4000K	500	63.4	7.9	77	6.5	75	6.7
B40HO	4000K	750	62.0	12.1	77	9.7	75	10.0

[1]LPW and watts/ft based off 47" fixture size.

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Source: Blanco3[1]

- CRI >90, R9 >92
- 3 Channel tunable white for precise black body curve CCT
- Allows for high color consistency between fixtures

- Self-commissioning with Wattstopper DLM integrated controls
- Requires Control Ordering Code **B3LM** (pg. 6)
- Requires Drive Ordering Code **EC2** (pg. 4)

Blanco 3 Tunable White (TW3)

	Range	Shielding[1] A — Satine			HE — High Efficiency			BW — Batwing		
		Lumens/ft	*LPW*	*Watts/ft*	*Lumens/ft*	*LPW*	*Watts/ft*	*Lumens/ft*	*LPW*	*Watts/ft*
TW3	2700-6500K	647	77	8.5	769	91	8.5	676	80	8.5

[1]LPW and watts/ft based off 47" fixture size.

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

		Required Driver	Required Control
MOD	Color Changing RGB LED	EC1/EC4	DMX
	Color Changing RGB-W LED	EC1/EC4	DMX
	2 Channel Tunable White		

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
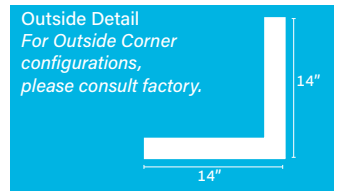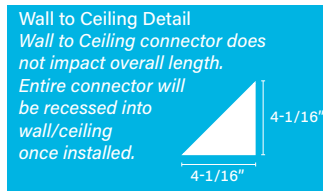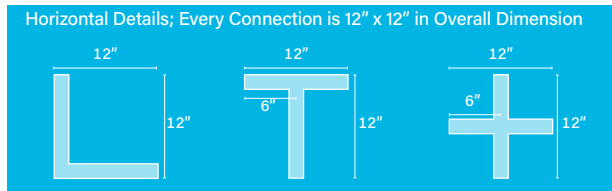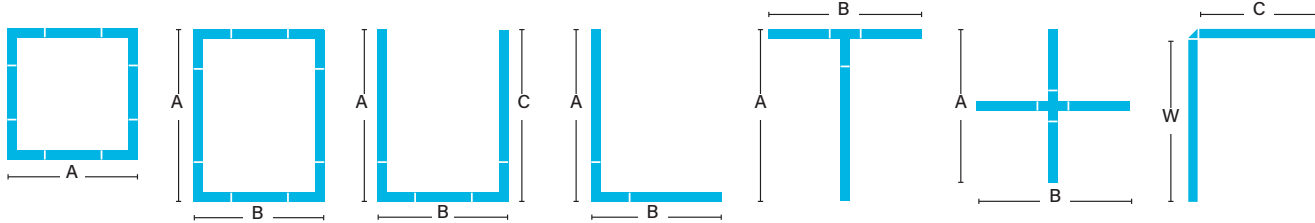- BIOS and Blanco3 are only available in foot lengths

2	3	4	5	6	7	8	—
Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Cont. Run

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

Cont. Run — Specify nominal overall row length to the 1/8" not available with H or R shielding options.

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pg. 3

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.

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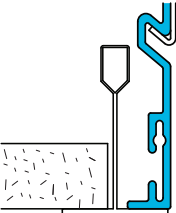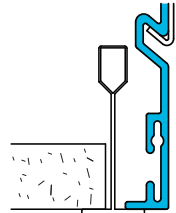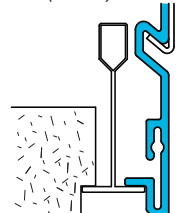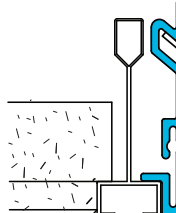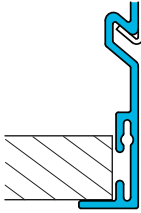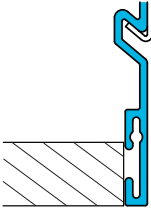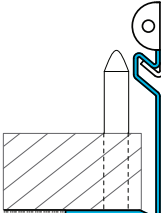
- Specify **MOD** in the part number for any of the below options
- Consult factory for **MOD** specification details, pricing, and lead-time information

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

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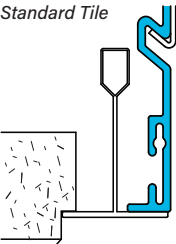
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pg. 4

Mounting

- Individual Units, specify G_G, FLF, SFS, NFN
- Continuous Units, specify G_, FL, SF, NF
- 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

G1G Individual Unit	G9G	GBG	GSG	FLF	NFN	SFS
G1 Continuous Run or Pattern	G9	GB	GS	FL	NF	SF
1" (15/16") T-Bar *Flange to Flange: 3-1/16" (77.8mm)*	9/16" T-Bar *For tegular tile installations, fixture position will not be flush to the bottom of the tile Flange to Flange: 3-1/16" (77.8mm)*	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: 3-1/16" (77.8mm)*	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: 3-1/16" (77.8mm)*	Exposed Standard 1/2" Flange Detail *Flange to Flange: 3-3/8" (85.7mm)*	Metal Pan or Millwork *Flange to Flange: 2-11/16" (68.2mm)*	Drywall, Flangeless Detail *Flange to Flange: 4-1/4" (108mm)*

Standard Tile / *Standard Tile* / *Tegular Tile* / *Tegular Tile*

Tegular Tile / *Tegular Tile* / *Tegular Tile*

RC

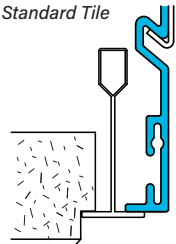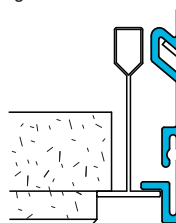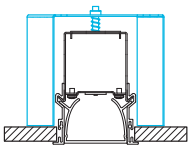Optional Rotating Crossbar

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 EV2D configurations will not accommodate all voltage options; consult with factory

U	Universal
1	120 volt
2	277 volt
3	347 volt

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pg. 5

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 EV2D 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	Osram Optotronic, 1%, 0-10v
OL4	Osram 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% Logarithmic
ES2	eldoLED SOLOdrive 0-10v, 0% Linear
OL5	Osram Optotronic 1%, 0-10v, AUX
DALI Drivers	
EE3	eldoLED SOLOdrive .1%, DALI (logarithmic)
EE4	eldoLED SOLOdrive .1%, DALI (linear)
OD1	Osram Optotronic 1%, DEXAL
OD2	Osram Optotronic 1%, DALI 2 Channel
Lutron Drivers	
LH1	Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1
LH4	Lutron Hi-Lume 1%, 2-wire, Lutron-LTEA2W, 120v only
Alternate Drivers	
PS1	Signify Advance Xitanium Step Dimming 50%/100%
PR1	Philips Advance Xitanium SR, requires EASYS, VDO or VRF
OD1	Osram Optotronic 1%, DEXAL
EH1	ELV 120v only, 0-10v universal
EC2	Constant Voltage LED driver, 120v or 277v required

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 EV2D configurations will not accommodate all circuiting options, consult with factory

Circuiting

1	Single Circuit
M	Multi Circuit *(Not available with controls)*
E	Emergency Circuit only *(uses nIO EZ PH ER with NLIGHT)*
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 EV2D 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 2P*
- 90 minute battery runtime; test button location dependant on configuration, consult factory
- 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

0	No Battery
_ILL	Iota 10w Integral Lithium, Self Testing
_IRH	Iota 20w Remote
_PLL	Bodine 10w Integral Lithium, Self Testing
_PRH	Bodine 20w Remote

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

_FSG	Factory Select ALCR, Automatic Load Control Relay
_GI	Iota ETS DR, Emergency Lighting Control Device
_GB	Bodine GTD, Emergency Lighting Control Device
_E	Emergency circuit section *(NLIGHT ONLY full housing not sections)*
_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:	1-1P
- Emergency only, 10w Integral Battery	Ordering Code:	E-1P
- Single circuit, GTD required	Ordering Code:	1-1G

Combination Section Ordering Examples
- Single circuit, (1) 10w battery, (1) emergency section	Ordering Code:	1-1P1E
- Multi circuit, (2) 10w battery, (2) emergency sections	Ordering Code:	M-2P2E
- Single circuit, (1) night light section	Ordering Code:	1-1N

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

- FIL has 2" min - 12" max length
- FIL Option angle range is 40° to 90°
- FIL Option is not IC rated

QS	Quick Ship
CP	Chicago Plenum
FIL	Field Cut Illuminated Extension
RC	Rotating Crossbar
DSP	Customer Supplied Battery/Driver/Sensor
GLR	Internal Fast Blow Fuse

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*	G1(G) G9(G) GS(G) FL(F) NF(N) SF(S)	1" T-Bar 9/16" T-Bar Screw Slot 1/2" Flange Flangeless Spackle Flange	U 1 2	Universal (120-277) 120V 277V	FSD PL2 OL2	Factory Select Driver *(1%, 0-10v)* Advance Xitanium 1%, 0-10v Osram 0-10v, 1%	1 E N	Single Circuit Emergency Night Light	0 _IC	None Iota 10w Integral	W	White

All lengths and continuous rows up to 1,000 ft OR 150 individual fixtures. Consult factory for larger projects.

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

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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; comissioning 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

	Solution	Components	Network/Sensor	Connection	Required Drivers	Limitation
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	Encelium 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
ENLI	Enlighted	SU-5E-IOT, CU-4E	Enlighted, Daylight/PIR Occupancy	Wireless	Any 0-10v	Not available with 347 volt
ENLC	Enlighted	SU-5E-CL, CU-4E	Enlighted, Daylight/PIR Occupancy	Wireless	Any 0-10v	Not available with 347 volt

Controls: Tunable White

- Pinnacle Lighting offers easy to specify tunable white solutions for integrated building control or standalone controls
- Pinnacle Lighting fixtures ship technology ready; comissioning by others

- Controls can only be used with Single Circuit (**1**) or Emergency Circuit (**E**),
- Contact factory for any non-standard configurations for layout or placement

|	Solution	Components	Network/Sensor	Connection	Required Drivers	Required LED	Required Controls	Limitations
B3LM	Legrand Wattstopper Blanco 3	BLM3-DLM	Digital Lighting Management (DLM)	Wired, two RJ45 ports	EC2	TW3	B3LM	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

		Required Driver
MOD	Acuity nLight Air Wireless Connected	EE6, ES6

Photometrics

Satine Lens

Test #	ITL91423
Catalog #	EV2D-A-840VHO-4
Lumens	3984 lm
Watts	36.2 w
Efficacy	110 LPW
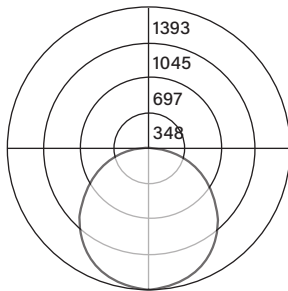
1393
1045
697
348

Candela Distribution

Vert Angle	Horizontal Angle				
	0	22.5	45	67.5	90
0	1393	1393	1393	1393	1393
5	1388	1387	1388	1390	1390
10	1372	1370	1375	1375	1373
15	1343	1339	1347	1345	1343
20	1302	1295	1302	1301	1298
25	1250	1241	1250	1247	1243
30	1187	1178	1186	1183	1178
35	1114	1105	1112	1105	1102
40	1032	1024	1028	1021	1018
45	942	935	937	930	927
50	846	838	838	832	828
55	739	730	731	723	722
60	627	621	618	612	610
65	508	505	499	494	491
70	387	383	377	375	374
75	264	263	258	255	256
80	148	146	146	145	144
85	52	53	54	55	54
90	0	0	0	0	0

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	19508	19404	19197
55	18867	18663	18433
65	17602	17290	17013
75	14937	14597	14484
85	8737	9073	9073

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Applications & Certificates

Construction: Formed cold-rolled 18 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. Maximum fixture weight is 15lbs per 4' fixture.

White LED: 25°C test environment. Lumen output/wattage has a margin of +/- 5%; 2' or 3' lengths may have a greater wattage deviation. All luminaire configurations tested in accordance with IES LM-79. Diodes tested in accordance with IES LM-80. Lifetime calculated using IES TM-21. Minimum lifetime greater than 60,000 hours. Lifetime Projection L70 = 146,500 hours and L90 = 45,000 hours. MacAdam 3-Step Ellipses. Not all products are Lighting Facts listed. For all available IES files, please visit our website at pinnacle-ltg. com. 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. 80 CRI = R9≥19 and 90 CRI = R9≥61.

BIOS LED: Spectrum focused lighting for circadian stimulus. EML or M/P ratio: .8 for 3500K, .9 for 4000K. COI >3.0. Not all lumen packages available. Two lumen packages available. Standard, and High (HO). Custom outputs are available. Specify custom lumens or watts between standard offering listed on CRI, CCT & Output page.

Tunable White LED: Blanco 3; 3 Channel tunable white for precise black body curve CCT. Self-commissioning with Wattstopper DLM integrated controls. Custom lumen output and color temperature configurations require use of controls.

Voltage: Universal (U), 120 volt (1), 277 volt (2) and 347 volt (3) options available. Must specify OL4 in Driver section when 347 volt (3) is selected. Some EDGE 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 77.4°F/25.2°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: DLM utlizes wired network connections for digital control through switching and dimming. nLight Air rES7 sensor provides wireless control, daylight harvesting and occupancy detection with PIR using eldoLED LED drivers. nLight Air rES7 sensor provides wireless control, daylight harvesting and occupancy detection with PDT using eldoLED LED drivers. nLight Air rIO module provides wireless control using eldoLED LED drivers. EasySense sensor provides daylight harvesting and PIR occupancy detection using the SR LED driver; the Philips app provides advanced configurations. ENCELIUM SensiLUM sensor provides wireless control, daylight harvesting and PIR occupancy; driver data is available when using the DEXAL driver. ENCELIUM SensiLUM sensor provides wireless control, daylight harvesting and PIR occupancy; driver data is available when using the DEXAL driver. Wavelinx Connected Lighting sensor provides wireless control and daylight harvesting using 0-10V LED drivers. Lutron Vive sensor provides wireless control, daylight harvesting and PIR occupancy detection using DEXAL or SR LED drivers. Lutron Vive module provides wireless control using DEXAL or SR LED drivers. Enlighted Smart Sensor provides multi-functionality including daylight harvesting and PIR occupancy; for IOT platform using 0-10v LED drivers. Enlighted Smart Sensor provides multi-functionality including daylight harvesting and PIR occupancy; for Connected platform using 0-10v LED drivers.

Labels: ETL listed conforming to UL1598 abd CSA 250. Standard, HO and VHO lumen packages are IC Rated, approved for dry/damp location unless otherwise noted.

Fixture Weight: Maximum fixture weight is 15lbs per 4' fixture.

Buy American Act Compliant

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

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