PINNACLE
ARCHITECTURAL LIGHTING®

EDGE EV2D
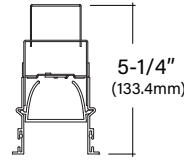## 2" Recessed Linear

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 US | IC RATED | QUICKSHIP

SMART | LED | Made in AMERICA

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	SOURCE QS[1]	LENGTH OR PATTERN[2]	MOUNTING[3]
A - Satine Lens QS	**_27_ _** - 2700K	**_ _** - Individual Fixture QS	**G1(G)** - 1" *(15/16")* T Bar QS
AL - Drop Lens	**_30_ _** - 3000K	**_ _** - Continuous Row QS	**G9(G)** - 9/16" T Bar QS
HE - High Efficiency Lens QS	**_35_ _** - 3500K *(available as BIOS)*	**L _ x _** - L Shape QS	**GB(G)** - 9/16" Bevel T Bar
HED - Descent Lens	**_40_ _** - 4000K *(available as BIOS)*	**R _ x _** - Rectangle QS	**GS(G)** - Screw Slot T Bar QS
BW - Batwing QS	**TW3** - Tunable White *(Blanco 3)*	**S _** - Square QS	**FL(F)** - 1/2" Flange QS
WHE - Asymmetric QS	**CL _ _ _ _ _ _** - Custom Lumens	**U _ x _** - U Shape QS	**NF(N)** - Non Flange QS
H - Arched Regress Lens	**CW _ _ _ _ _ _** - Custom Watts	**T _ x _** - T Shape	**SF(S)** - Spackle Flange QS
R - Regress Lens	*Lumen Output pg. 2-3*	**X _ x _ x _** - X Shape	*Mounting pg. 4*
Shielding pg. 2		**WC _ x _** - Wall to Ceiling QS	
		M - Mod Layout	
		Length and Pattern pg. 3	

VOLTAGE	DRIVER	CIRCUITING	BATTERY & EMERGENCY[4]
U - Universal QS	**OL2 -** Osram *(1%, 0-10v, standard)* QS	**1** - Single Circuit QS	**0** - None QS
(120 thru 277V)	**OL3 -** Osram 347v *(10%, 0-10v)*	**M** - Multi Circuit	**_PLL** - Bodine 10W
1 - 120V QS	**EE1 -** eldoLED ECOdrive *(1%, 0-10v)*	**E** - Emergency QS	**_IL** - Iota 10W QS
2 - 277V QS	**ES1 -** eldoLED SOLOdrive *(0%, 0-10v)*	*(entire fixture)*	**_E** - Emergency Circuit Section
3 - 347V	**LH1 -** Lutron Hi-lume *(1%, EcoSystem)* QS	**N** - Night Light QS	**_N** - Night Light Circuit Section
Voltage pg. 4	**L51 -** Lutron 5-Series *(5%, EcoSystem)*	*(entire fixture)*	**_L** - Life Safety Circuit Section
	PL2 - Advance Xitanium *(1%, 0-10v)* QS	*Circuiting pg. 5*	**_G** - Bodine GTD
	PR1 - Advance Xitanium SR		*Battery and Emergency pg. 5*
	ND - Non-Dimming QS		
	Driver pg. 4		

FINISH	FIXTURE OPTIONS[5]	CONTROLS[6]
W - White QS	**QS** - Quick Ship QS	**DLMFC -** Wattstopper DLM *(wired)*
S - Metallic Silver	**CP** - Chicago Plenum QS	**EASYS -** Philips EasySense *(wireless)*
BL - Textured Black	**PM** - Perimeter Mount	**SNSLM -** Osram Sensilum *(wireless)*
BR - Bronze	**RC** - Rotating Crossbar	**WVLX -** Eaton Wavelinx *(wireless)*
GR - Graphite	**GLR** - Internal Fast Blow Fuse QS	**VDO -** Lutron Vive Sensor *(wireless)*
CC - Custom Color	*Fixture Options pg. 5*	**VRF -** Lutron Vive Connected *(wireless)*
Finish pg. 5		**ENL_ -** Enlighted *(wireless)*
		Controls pg. 6

[1]When specifying SOURCE the first _ is for specifying either **8** - 80CRI, **9** - 90CRI or **B** - BIOS. The ending _ _ are for specifying output, example **HO** - High Output. When specifying BIOS use **B** and then specify color temperature, either 3500K or 4000K, and output, example **B35HO** - BIOS 3500K High Output. See output charts for more information. BIOS dynamic available, please contact factory 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. [6]Controls can only be used with Single Circuit (**1**) or Emergency Circuit (**E**). See Controls chart on page 6 for more information.

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	Arched Regress *(foot lengths only)*	Flat Regress *(foot lengths only)*

1" (25.4mm)
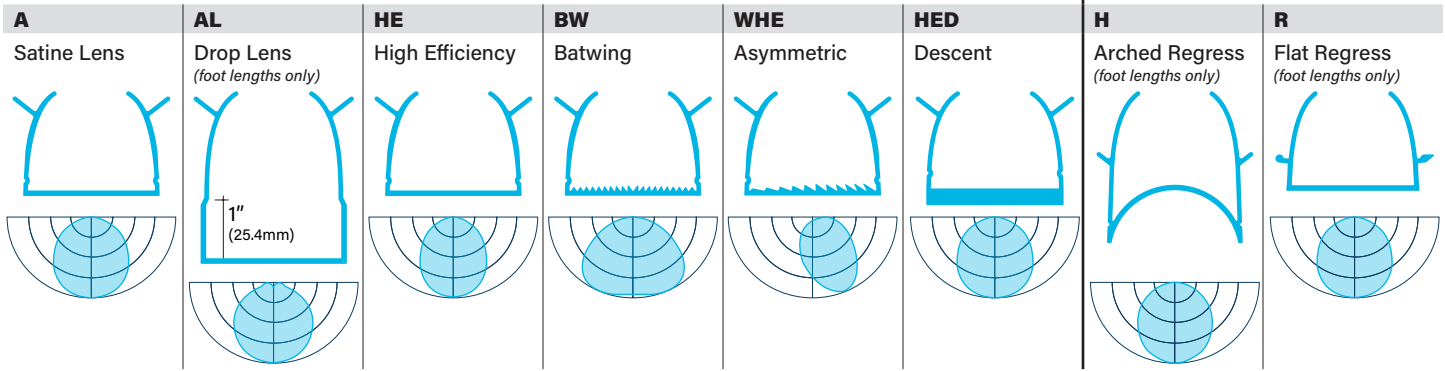
Source: White LED[1]

- 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 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	H Arched Regress LPW	H Arched Regress Watts/ft	R Regress LPW	R Regress Watts/ft
830	3000K	500	101.6	4.9	104	4.8	120	4.2	117	4.3	117	4.3	100.5	5.0	81	6.2	96	5.2
830HO	3000K	750	102.5	7.3	104	7.2	121	6.2	118	6.4	118	6.4	101.4	7.4	N/A		N/A	
830VHO	3000K	1000	N/A		N/A		121	8.3	118	8.4	118	8.5	N/A		N/A		N/A	
835	3500K	500	104.4	4.8	106	4.7	123	4.1	120	4.2	120	4.2	103.3	4.8	83	6.0	97	5.1
835HO	3500K	750	104.8	7.2	107	7.0	124	6.1	121	6.2	121	6.2	103.6	7.2	N/A		N/A	
835VHO	3500K	1000	N/A		N/A		124	8.1	121	8.2	121	8.3	N/A		N/A		N/A	
840	4000K	500	104.9	4.8	108	4.6	124	4.0	122	4.1	122	4.1	104.5	4.8	84	5.9	99	5.1
840HO	4000K	750	106.1	7.1	109	6.9	125	6.0	123	6.1	122	6.1	104.9	7.1	N/A		N/A	
840VHO	4000K	1000	N/A		N/A		126	8.0	123	8.1	123	8.2	N/A		N/A		N/A	

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	H LPW	H Watts/ft	R LPW	R Watts/ft
927	2700K	500	84.1	5.9	86	5.8	101	4.9	99	5.0	99	5.1	84.2	5.9	69	7.3	79	6.3
927HO	2700K	750	85.3	8.8	87	8.6	102	7.3	100	7.5	100	7.5	84.3	8.9	N/A		N/A	
930	3000K	500	87.0	5.7	89	5.6	105	4.8	103	4.9	102	4.9	86.1	5.8	71	7.1	82	6.1
930HO	3000K	750	87.9	8.5	90	8.3	105	7.1	103	7.3	103	7.3	87.0	8.6	N/A		N/A	
935	3500K	500	89.0	5.6	91	5.5	106	4.7	105	4.8	104	4.8	88.0	5.7	72	6.9	84	5.9
935HO	3500K	750	89.9	8.3	92	8.2	108	7.0	105	7.1	105	7.1	88.9	8.4	N/A		N/A	
940	4000K	500	88.3	5.7	90	5.5	105	4.7	104	4.8	104	4.8	87.3	5.7	72	7.0	83	6.0
940HO	4000K	750	89.2	8.4	91	8.2	107	7.0	104	7.2	104	7.2	88.2	8.5	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 LPW	A Satine Watts/ft	HE High Efficiency LPW	HE High Efficiency Watts/ft	BW Batwing LPW	BW Batwing 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.

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.

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.

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
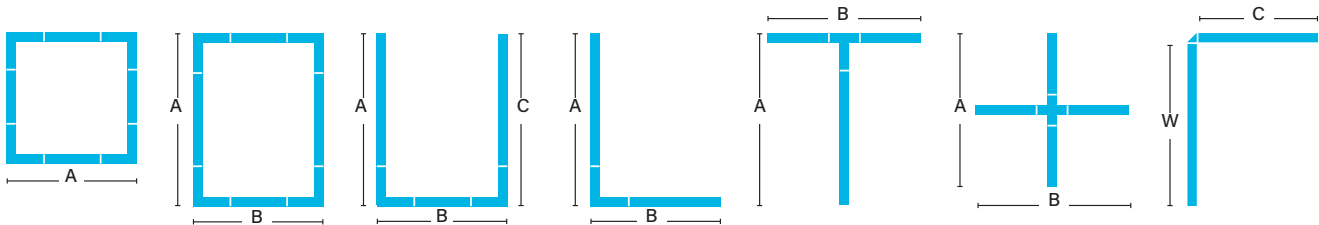- BIOS and Blanco3 are only available in foot lengths

2	3	4	5	6	7	8	_
Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Indiv. Fixture	Cont. Run *Specify nominal overall row length to the 1/8" not available with H or R shielding options.*

- 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

12" (304.8mm) 12" (304.8mm)
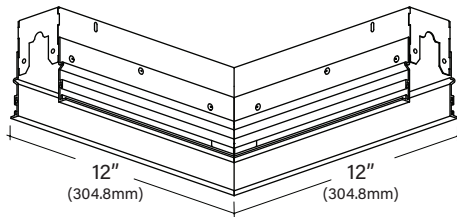
- Specify pattern shape and overall dimensions (includes corner dimensions)
- 90 degree horizontal corners are 12"x12" (overall, outside dimension)
- Angles and shapes not shown require Mod Pattern; consult factory
- Only available with A or HE Lenses
- Not all drivers available with all patterns; consult factory

S_	R_x_	U_x_x_	L_x_	T_x_	X_x_	WC_x_	M
Square	Rectangle	U-Shape	L-Shape	T-Shape	X-Shape	Wall to Ceiling	ModLayout
Provide A dimension	*Provide AxB dimensions*	*Provide AxBxC dimensions*	*Provide AxB dimensions*	*Provide AxB dimensions*	*Provide AxB dimensions*	*Provide WxC dimensions*	*For patterns or lengths not shown or standard*
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"*	
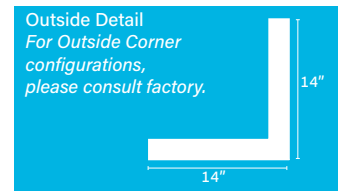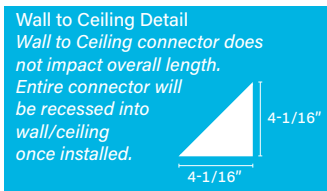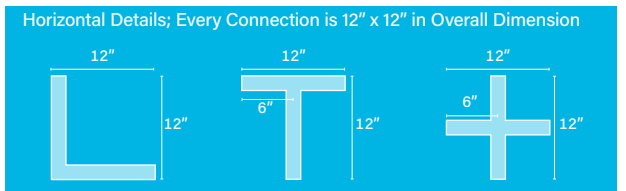
Horizontal Details; Every Connection is 12" x 12" in Overall Dimension

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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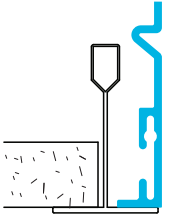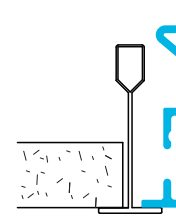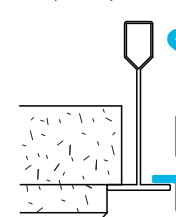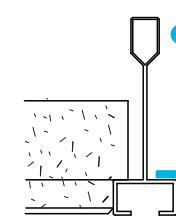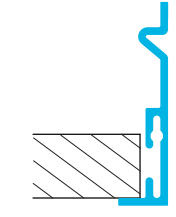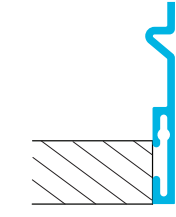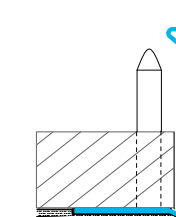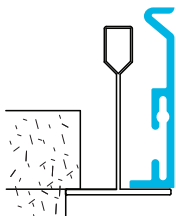
Mounting

- 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* G1 *Continuous Run or Pattern*	G9G G9	GBG GB	GSG GS	FLF FL	NFN NF	SFS 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

PM — Optional Perimeter Mounting
Includes bracket and wall rail

Voltage

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

U	Universal
1	120 volt
2	277 volt
3	347 volt

Driver

- Standard Driver Option = OL2
- 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

OL2	Osram Optotronic 1%, 0-10v, nominal 1% dimming range
OL3	Osram Optotronic 347v 10%, 0-10v, *requires 347v option*
OL5	Osram Optotronic 1%, 0-10v, AUX
OD1	Osram Optotronic 1%, DEXAL
EE1	eldoLED ECOdrive 1%, 0-10v Logarithmic
EE6	eldoLED ECOdrive 1%, for nLight Air Wireless
ES1	eldoLED SOLOdrive 0%, 0-10v Logarithmic
ES6	eldoLED SOLOdrive 0%, f*or nLight Air Wireless*
LH1	Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1
L51	Lutron 5-Series 5%, EcoSystem, LDE5
PL2	Advance Xitanium 1%, 0-10v
PR1	Advance Xitanium SR, *requires EASY, VDO, or VRF*
EC2	Constant Voltage LED driver, *120v or 277v required*
ND	Non-Dimming

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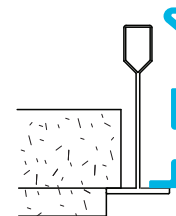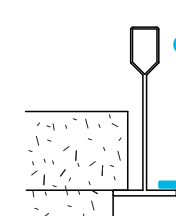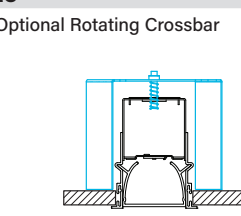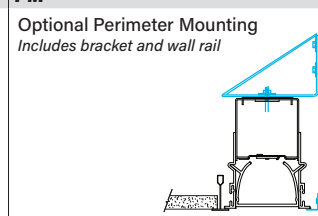
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EV2D_LED_SPEC_JAN20201   pg. 4

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

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

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

0	No battery
_PLL	Bodine 10w Integral Lithium Self Testing *CEC Listed*
_AL	Iota 10w Integral

Emergency

- Select emergency section type if required, indicate total QTY. *Example 1E*
- Combine battery and emergency section ordering codes if both options are selected

_E	Emergency circuit section *(NLIGHT ONLY full housing not sections)*
_N	Night Light circuit section
_L	Life Safety circuit section NO THROUGH WIRE
_G	Bodine GTD, Generator Transfer Device section

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

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

QS	Quick Ship
CP	Chicago Plenum
PM	Perimeter Mount *(not available in 2' or 3')*
RC	Rotating Crossbar
GLR	Internal Fast Blow Fuse

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Fixture Options Continued
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	**OL2** **PL2** **LH1** **ND**	Osram 0-10v, 1% Advance Xitanium 1%, 0-10v Lutron LDE1 Non- Dimming	**1** **E** **N**	Single Circuit Emergency Night Light	**0** **_IL**	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.

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/sensor per run typical, contact factory for more information

|	Solution	Components	Network/Sensor	Connection	RQD Drivers	Limitation
DLMFC	Legrand Wattstopper DLM	LMFC-011	Digital Lighting Management (DLM)	Wired, two RJ45 ports	Any 0-10v	None
EASYS	Philips EasySense	SNS-200	Daylight/PIR Occupancy	Wireless to switches	PR1	Not available with 347 volt
SNSLM	Osram 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	RQD Drivers	RQD LED	RQD 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

Photometrics

Satine Lens

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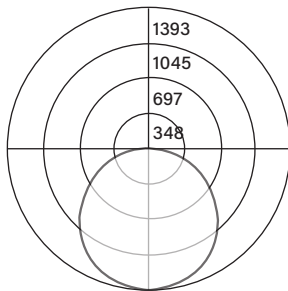
1393
1045
697
348

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

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 accredited testing laboratory. Testing conducted at 25°C 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.

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 OL3 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 Osram 0-10V, 1% = OL2. 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.

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 or 277v), MR16 installed as an independent circuit. MR16 to match fixture voltage. 277v dimmer must be sourced. Consult factory for MR16 configurations.

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

EV2D_LED_SPEC_JAN20201   pg. 7