PINNACLE
ARCHITECTURAL LIGHTING®

Project Name _____

Date _____ Type _____

EDGE ET4D
4" Recessed Linear EDGE Techx for integrated Ceiling Systmens

4" (101.6mm)

3" (76.2mm)

See Mounting Section

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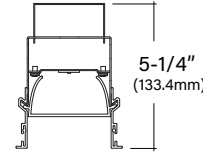
Key Features

- 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
- UL and cUL listed. IC rated
- 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

cULus | IC RATED | BUY AMERICAN ACT COMPLIANT

LED | SMART | 5 YEAR LED WARRANTY | DESIGNED IN DENVER CO.

Example Part #: ET4D-HE-830HO-26'-G1-U-FSD-1-0-W

ET4D - [SHIELDING] - [SOURCE] - [LENGTH OR PATTERN] - [MOUNTING] - [VOLTAGE] - [DRIVER] - [CIRCUITING] - [BATTERY & EMERGENCY] - [FINISH] - [FIXTURE OPTIONS] - [CONTROLS]

SHIELDING	SOURCE[1]	LENGTH OR PATTERN[2]	MOUNTING[3]
A - Satine Lens	**_27_ _** - 2700K	**_ _** - Individual Fixture	**G1** - 1" *(15/16")* T Bar
HE - High Efficiency Lens	**_30_ _** - 3000K	**_ _** - Continuous Row	**G9** - 9/16" T Bar
BW - Batwing	**_35_ _** - 3500K	**L _ x _** - L Shape	**GB** - 9/16" Bevel T Bar
WHE - Asymmetric	**_40_ _** - 4000K	**R _ x _** - Rectangle	**GS** - Screw Slot T Bar
AL - Drop Lens	**CL_ _ _ _ _ _** - Custom Lumens	**S _** - Square	*Mounting pg. 4*
HED - Descent Lens	**CW_ _ _ _ _ _** - Custom Watts	**U _ x _** - U Shape	
H - Arched Regress Lens	**MOD** - Mod options available	**T _ x _** - T Shape	
R - Regress Lens	*Lumen Output pg. 2*	**X _ x _ x _** - X Shape	
Shielding pg. 2		**WC _ x _** - Wall to Ceiling	
		MOD - Mod options available	
		Length and Pattern pg. 3-4	

VOLTAGE	DRIVER	CIRCUITING	BATTERY & EMERGENCY[4]
U - Universal	**FSD** - Factory Select Driver *(1%, 0-10v)*	**1** - Single Circuit	**0** - None
(120 thru 277V)	**PL2** - Advance Xitanium *(1%, 0-10v)*	**M** - Multi Circuit	**_FSB** - Factory Select Battery
1 - 120V	**OL2** - eldoLED Optotronic *(1%, 0-10v)*	**E** - Emergency	**_FSG** - Factory Select ALCR
2 - 277V	**OL4** - eldoLED Optotronic 347v *(1%, 0-10v)*	*(entire fixture)*	**_GI** - Iota ETS DR
3 - 347V	**EE1** - eldoLED ECOdrive *(1%, 0-10v)*	**N** - Night Light	**_GB** - Bodine GTD
Voltage pg. 4	**ES1** - eldoLED SOLOdrive *(0.1%, 0-10v)*	*(entire fixture)*	**_IC** - Iota 10W *(CEC Listed)*
	LH1 - Lutron Hi-lume *(1%, EcoSystem)*	*Circuiting pg. 5*	**_P** - Bodine 10W
	PR1 - Advance Xitanium SR		**_E** - Emergency Circuit Section
	MOD - Mod options available		**_N** - Night Light Circuit Section
	Driver pg. 5		*Battery and Emergency pg. 6*

FINISH	FIXTURE OPTIONS[5]	CONTROLS[6]
W - White	**CP** - Chicago Plenum	**DLMFS** - Wattstopper LLLC *(wireless)*
S - Metallic Silver	**FIL** - Field Cut Illuminated Extension	**EASYS** - Philips EasySense *(wireless)*
BL - Textured Black	**LMRA** - Adjustable MR16 *(LED)*	**SNSLM** - Encelium Sensilum *(wireless)*
BR - Bronze	**XLED** - Fixed Xicato LED	**WVLX** - Eaton WaveLinx *(wireless)*
GR - Graphite	**RC** - Rotating Crossbar	**VDO** - Lutron Vive Sensor *(wireless)*
CC - Custom Color	**GLR** - Internal Fast Blow Fuse	**VRF** - Lutron Vive Connected *(wireless)*
Finish pg. 6	**DSP** - Customer Supplied Battery/Driver/Sensor	**MOD** - Mod options available
	MOD - Mod options available	*Controls pg. 7*
	FW6 - 6' Flex Whip	
	Fixture Options pg. 6	

[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. [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]LMRA option only available with 120v [6]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

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

These options use 5-1/4" Housing

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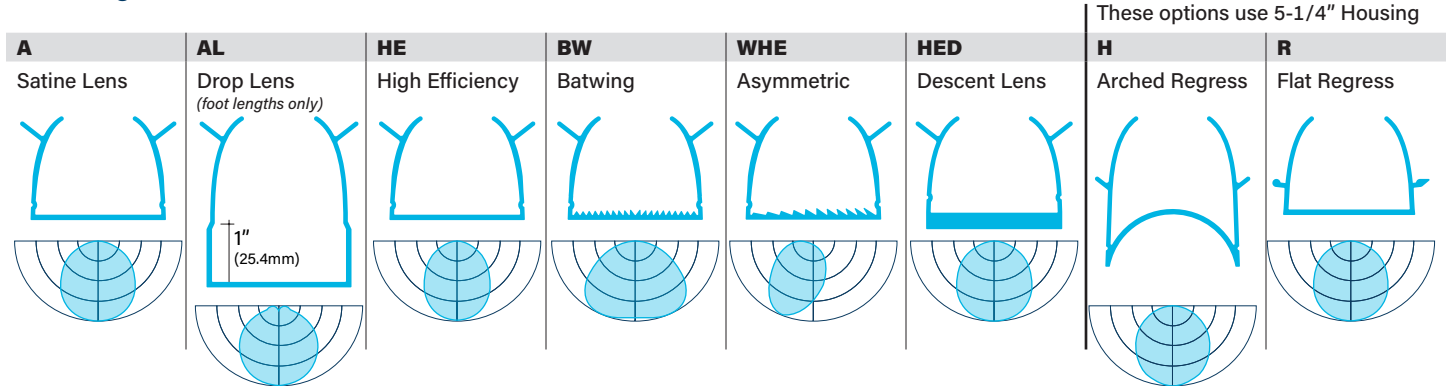
Source: White LED[1]

- Specify either 80 or 90 CRI
- Longer lead-time may apply for 90 CRI. Consult factory

- 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

80 CRI

	Color	Lumens per foot	Shielding[1] 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	3000K	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	3000K	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	3500K	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	3500K	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	4000K	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	4000K	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	2700K	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	2700K	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	3000K	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	3000K	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	3500K	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	3500K	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	4000K	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	4000K	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

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		

[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.

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" not avaiable 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

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

Horizontal Details; Every Connection is 12" x 12" in Overall Dimension
12" 12" 6" 12" 6" 12"

Wall to Ceiling Detail
Wall to Ceiling connector does not impact overall length. Entire connector will be recessed into wall/ceiling once installed.
4-1/16" 4-1/16"

Outside Detail
For Outside Corner configurations, please consult factory.
14" 14"

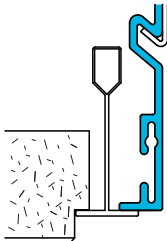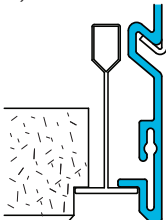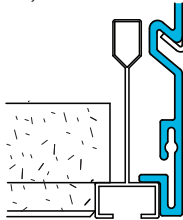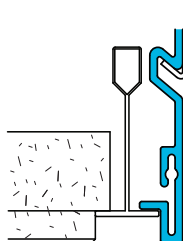## Length or Pattern: MOD Options
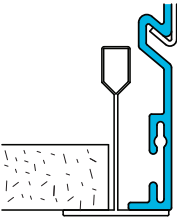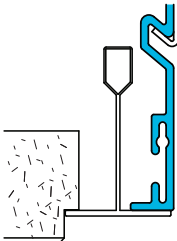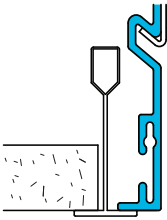
- Specify **MOD** in the part number for any of the below options
- Consult factory for **MOD** specification details, pricing, and lead-time information

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

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

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	G9	GB	GS
1" (15/16") T-Bar	9/16" T-Bar	9/16" T-Bar	Screw Slot & 9/16" T-Bar
Flange to Flange: 3-13/16" (96.8mm)	*For tegular tile installations, fixture position will not be flush to the bottom of the tile* *Flange to Flange: 3-13/16" (96.8mm)*	*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)*	*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)*
Standard Tile	*Standard Tile*	*Tegular Tile*	*Tegular Tile*
Tegular Tile	*Tegular Tile*		*Tegular Tile*

Voltage

- Some ET4D 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 = FSD
- Driver Lifetime: 50,000 hours at 25°C ambient operating conditions
- For more driver options see Pinnacle Resource Guide

- Some ET4D configurations will not accommodate all driver options; consult with factory

0-10V Drivers	
FSD	Factory Select Driver 1%, 0-10v
PL2	Signify Advance Xitanium 1%, 0-10v
PL4	Advance Xitanium 347v 1%, 0-10v, requires 347v
OL2	eldoLED Optotronic, 1%, 0-10v
OL4	eldoLED Optotronic 347v, 1% 0-10v, requires 347v option
EE1	eldoLED ECOdrive 1%, 0-10v Logarithmic
EE2	eldoLED ECOdrive 1%, 0-10v Linear
ES1	eldoLED SOLOdrive 0-10v, 0.1% Logarithmic
ES2	eldoLED SOLOdrive 0-10v, 0% Linear
OL5	eldoLED Optotronic 1%, 0-10v, AUX
PL5	Advance Xitanium 1%, 0-10v, AUX
DALI Drivers	
EE3	eldoLED ECOdrive .1%, DALI (logarithmic)
ES3	eldoLED SOLOdrive .1%, DALI (logarithmic)
OD1	eldoLED Optotronic 1%, DEXAL
OD2	eldoLED 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	eldoLED Optotronic 1%, DEXAL
EH1	ELV 120v only, 0-10v universal

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 ET4D 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 ET4D configurations will not accommodate all circuiting options, consult with factory

Battery and/or Emergency *If Required*

0	No battery or specific emergency section required

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.

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

ET4D_LED_SPEC_NOV2023   pg. 5

Battery

- Select battery section type if required, indicate total QTY. *Example 2P*
- 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

0	No Battery
_FSB	Factory Select Battery (10w option)
_FSBST	Factory Select Battery (10w, Self Testing)
_IC	Iota 10w Integral
_ILL	Iota 10w Integral Lithium, Self Testing
_IRH	Iota 20w Remote
_P	Bodine 10w Integral
_PRH	Bodine 20w Remote
_PLL	Bodine 10w Integral Lithium, Self Testing

For Approximate Battery Lumen Output
- Multiply battery wattage X fixture LPW shown on Lumen Table
- 92.3 (LPW) x 10 (watts) = 923 battery lumen output

Emergency

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

_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

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

- 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

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

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

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

|	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	Not available with Battery
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	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

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	Enlighted (Wireless) - ENLI	Any 0-10v
	Enlighted (Wireless) - ENLC	Any 0-10v
	Acuity nLight Air Wireless Connected	EE6, ES6

Photometrics

Satine Lens

Test #	91432, 93985[1]
Catalog #	ET4D-A-840VHO-4
Lumens	4020 lm
Watts	32.3 w
Efficacy	124.6 LPW

1402
1052
701
351
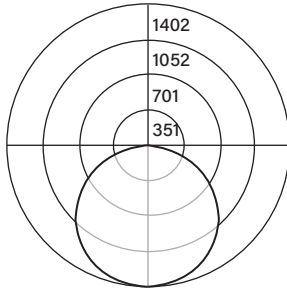
Candela Distribution

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

---

[1]Based on ITL Reports 91432 and 93985.
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℃ ambient conditions.

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.

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. Lifetime Projection L70 = 121,600 hours and L90 = 36,200 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.

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.

CRI, CCT & Lumen Output: 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 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: DLM utilizes wired network connections for digital control through switching and dimming. nLight Air rES7 sensor provides wireless control, daylight harvesting and occupancy detection with PIR or 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.

Labels: UL and cUL 2108 or 1598 listed depending on product configuration. Standard, HO and VHO lumen packages are IC Rated, approved for dry/damp location unless otherwise noted.

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.

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.

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

ET4D_LED_SPEC_NOV2023   pg. 8