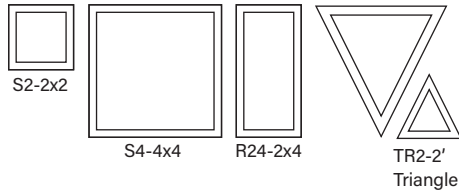


# EDGE FORMS

## EX1DIF

1" Suspended Direct/Indirect Form

### Form Sizes



### Key Features

- Minimalist geometric pendants that emphasize negative space while providing striking, functional illumination
- Single piece housing, available in 2x2, 2x4, 4x4 and triangular forms
- Co-extruded narrow 1.5" lens provides smooth uniform lines of light
- Integral driver
- Family offering available in suspended and recessed applications
- Product transparency with third-party verified Living Building Challenge (LBC) Declared
- Buy American Act Compliant



Example Part #: EX1DIF-HE-HE-835HO-835MO-S2-AS48JB-U-FSD-1-0-W

EX1DIF - DIRECT SHIELDING - INDIRECT SHIELDING - DIRECT OUTPUT - INDIRECT OUTPUT - FORM - MOUNTING - VOLTAGE - DRIVER - CIRCUITING - BATTERY & EMERGENCY - FINISH

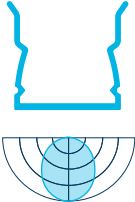
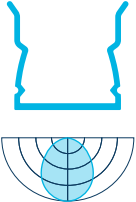
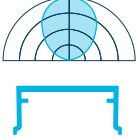
DIRECT SHIELDING	INDIRECT SHIELDING	DIRECT SOURCE <sup>1</sup>	INDIRECT SOURCE <sup>1</sup>
<b>A</b> - Satine Lens <b>HE</b> - High Efficiency Lens <i>Shielding pg. 2</i>	<b>HE</b> - High Efficiency <i>Shielding pg. 2</i>	<b>27</b> _ _ - 2700K <b>30</b> _ _ - 3000K <b>35</b> _ _ - 3500K <b>40</b> _ _ - 4000K <b>CL</b> _ _ _ _ - Custom Lumens <b>CW</b> _ _ _ _ - Custom Watts <i>Lumen Output pg. 2-3</i>	<b>27</b> _ _ - 2700K <b>30</b> _ _ - 3000K <b>35</b> _ _ - 3500K <b>40</b> _ _ - 4000K <b>CL</b> _ _ _ _ - Custom Lumens <b>CW</b> _ _ _ _ - Custom Watts <i>Lumen Output pg. 4</i>
FORM	MOUNTING <sup>2</sup>	VOLTAGE	DRIVER
<b>S2</b> - 2' x 2' Square <b>S4</b> - 4' x 4' Square <b>R24</b> - 2' x 4' Rectangle <b>TR2</b> - Triangle with 2' sides <b>TR4</b> - Triangle with 4' sides <i>Form pg. 5</i>	<b>AS</b> _ <b>JB</b> - AC to J Box <b>AS</b> _ <b>ST</b> - AC to Structure <b>AH</b> _ <b>JB</b> - AC single canopy hub to J Box <b>AH</b> _ <b>ST</b> - AC single canopy hub to Structure <i>Mounting pg. 5</i>	<b>U</b> - Universal (120 thru 277V) <b>1</b> - 120V <b>2</b> - 277V <b>3</b> - 347V <i>Voltage pg. 5</i>	<b>FSD</b> - Factory Select Driver (1%, 0-10v) <b>PL2</b> - Advance Xitanium (1%, 0-10v) <b>OL2</b> - eldoLED (1%, 0-10v) <b>OL4</b> - eldoLED 347v (1%, 0-10v) <b>EE1</b> - eldoLED ECOdrive (1%, 0-10v) <b>ES1</b> - eldoLED SOLOdrive (0.1%, 0-10v) <b>LH1</b> - Lutron Hi-lume (1%, EcoSystem) <i>Driver pg. 6</i>
CIRCUITING	BATTERY & EMERGENCY <sup>3</sup>	FINISH	CONTROLS
<b>1</b> - Single Circuit <b>2</b> - Dual Circuit ( <i>direct/indirect</i> ) <b>E</b> - Emergency ( <i>entire fixture</i> ) <b>N</b> - Night Light ( <i>entire fixture</i> ) <i>Circuiting pg. 6</i>	<b>0</b> - None <b>1FSB</b> - Factory Select Battery <b>1FSG</b> - Factory Select ALCR <b>1GI</b> - Iota ETS DR <b>1GB</b> - Bodine GTD <b>1PLL</b> - Bodine 10W <b>1ILL</b> - Iota 10W <i>Battery and Emergency pg. 6</i>	<b>W</b> - White <b>S</b> - Metallic Silver <b>BL</b> - Textured Black <b>BR</b> - Bronze <b>GR</b> - Graphite <b>CC</b> - Custom Color <i>Finish pg. 7</i>	<i>Pinnacle is able to accommodate different control solutions from different manufacturers. Consult factory for more information.</i>

<sup>1</sup>When specifying CRI, CCT & OUTPUT the first \_ is for specifying either **8** - 80CRI or **9** - 90CRI. The ending \_ \_ are for specifying output, example **HO** - High Output. See output charts for more information. <sup>2</sup>Specify AC length standard AC is 48". Example: AS48JB. <sup>3</sup>Maximum one battery/emergency device per form. Not available in S2 or TR2

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.



## Direct Shielding

A	HE	HE
Satine Lens	High Efficiency ~20-25% Higher LPW than Satine	High Efficiency
		

## CRI, CCT & Output

- Specify either 80 or 90 CRI
- Longer lead-time may apply for 90 CRI. Consult factory
- 90 CRI = R9≥50
- Total delivered lumens per form shown on table below.  
Lumens per foot; LO - 250lms/ft, MO - 500lms/ft, HO - 750lms/ft and VHO - 1000lms/ft

## Custom Output - Lumens OR Wattage

<b>CL</b> _____	Specify CRI, CCT and desired lumens (i.e. CL835600)	Specify lumens as PER FOOT between standard offering listed below. Lumens are specified per color temp
<b>CW</b> _____	Specify CRI, CCT and desired wattage (i.e. CW9407)	Specify watts as PER FOOT between standard offering listed below.

## Direct 80 CRI Square and Rectangle Forms

	Color	Output																	
		S2 - 2x2 Square						S4 - 4x4 Square						R24 - 2x4 Rectangle					
		A Lens			HE Lens			A Lens			HE Lens			A Lens			HE Lens		
		Lumens	LPW	Watts	Lumens	LPW	Watts	Lumens	LPW	Watts	Lumens	LPW	Watts	Lumens	LPW	Watts	Lumens	LPW	Watts
<b>830LO</b>	3000K	2000	83	24.0	2000	106	18.9	4000	83	48.0	4000	106	37.8	3000	83	36.0	3000	106	28.3
<b>830MO</b>		4000	92	43.3	4000	116	34.6	8000	92	86.6	8000	116	69.1	6000	92	64.9	6000	116	51.8
<b>830HO</b>		6000	94	64.0	6000	115	52.0	12000	94	128.0	12000	115	104.0	9000	94	96.0	9000	115	78.0
<b>830VHO</b>		8000	93	85.6	8000	118	67.7	16000	93	171.3	16000	118	135.4	12000	93	128.5	12000	118	101.5
<b>835LO</b>	3500K	2000	86	23.3	2000	109	18.3	4000	86	46.6	4000	109	36.6	3000	86	34.9	3000	109	27.5
<b>835MO</b>		4000	95	41.9	4000	119	33.5	8000	95	83.8	8000	119	67.0	6000	95	62.9	6000	119	50.2
<b>835HO</b>		6000	97	62.0	6000	119	50.4	12000	97	123.9	12000	119	100.7	9000	97	92.9	9000	119	75.5
<b>835VHO</b>		8000	97	82.8	8000	122	65.5	16000	97	165.7	16000	122	131.0	12000	97	124.2	12000	122	98.3
<b>840LO</b>	4000K	2000	86	23.3	2000	109	18.3	4000	86	46.6	4000	109	36.6	3000	86	34.9	3000	109	27.5
<b>840MO</b>		4000	95	41.9	4000	119	33.5	8000	95	83.8	8000	119	67.0	6000	95	62.9	6000	119	50.2
<b>840HO</b>		6000	97	62.0	6000	119	50.4	12000	97	123.9	12000	119	100.7	9000	97	92.9	9000	119	75.5
<b>840VHO</b>		8000	97	82.8	8000	122	65.5	16000	97	165.7	16000	122	131.0	12000	97	124.2	12000	122	98.3

## Direct 90 CRI Square and Rectangle Forms

<b>927LO</b>	2700K	2000	73	27.5	2000	86	23.2	4000	73	54.9	4000	86	46.4	3000	73	41.2	3000	86	34.8
<b>927MO</b>		4000	74	53.7	4000	96	41.7	8000	74	107.5	8000	96	83.4	6000	74	80.6	6000	96	62.6
<b>927HO</b>		6000	77	78.1	6000	97	61.7	12000	77	156.2	12000	97	123.3	9000	77	117.1	9000	97	92.5
<b>927VHO</b>		8000	74	108.0	8000	97	82.4	16000	74	216.0	16000	97	164.8	12000	74	162.0	12000	97	123.6
<b>930LO</b>	3000K	2000	79	25.2	2000	94	21.3	4000	79	50.4	4000	94	42.6	3000	79	37.8	3000	94	31.9
<b>930MO</b>		4000	81	49.2	4000	102	39.0	8000	81	98.4	8000	102	78.1	6000	81	73.8	6000	102	58.6
<b>930HO</b>		6000	83	72.1	6000	104	57.4	12000	83	144.3	12000	104	114.9	9000	83	108.2	9000	104	86.2
<b>930VHO</b>		8000	81	98.5	8000	106	75.5	16000	81	197.0	16000	106	150.9	12000	81	147.7	12000	106	113.2
<b>935LO</b>	3500K	2000	79	25.3	2000	94	21.4	4000	79	50.6	4000	94	42.7	3000	79	37.9	3000	94	32.0
<b>935MO</b>		4000	81	49.4	4000	102	39.2	8000	81	98.8	8000	102	78.4	6000	81	74.1	6000	102	58.8
<b>935HO</b>		6000	83	72.4	6000	104	57.7	12000	83	144.9	12000	104	115.3	9000	83	108.7	9000	104	86.5
<b>935VHO</b>		8000	81	98.8	8000	106	75.8	16000	81	197.6	16000	106	151.6	12000	81	148.2	12000	106	113.7
<b>940LO</b>	4000K	2000	79	25.3	2000	94	21.4	4000	79	50.6	4000	94	42.7	3000	79	37.9	3000	94	32.0
<b>940MO</b>		4000	81	49.4	4000	102	39.2	8000	81	98.8	8000	102	78.4	6000	81	74.1	6000	102	58.8
<b>940HO</b>		6000	83	72.4	6000	104	57.7	12000	83	144.9	12000	104	115.3	9000	83	108.7	9000	104	86.5
<b>940VHO</b>		8000	81	98.8	8000	106	75.8	16000	81	197.6	16000	106	151.6	12000	81	148.2	12000	106	113.7



## Indirect 80 CRI Square and Rectangle

	Color	Output								
		S2 - 2x2 Square			S4 - 4x4 Square			R24 - 2x4 Rectangle		
		HE Lens			HE Lens			HE Lens		
		Lumens	LPW	Watts	Lumens	LPW	Watts	Lumens	LPW	Watts
<b>830LO</b>	3000K	2000	113	17.6	4000	113	35.3	3000	113	26.5
<b>830MO</b>		4000	124	32.3	8000	124	64.5	6000	124	48.4
<b>830HO</b>		6000	124	48.5	12000	124	97.0	9000	124	72.7
<b>830VHO</b>		8000	127	63.0	16000	127	126.1	12000	127	94.6
<b>835LO</b>	3000K	2000	100	20.0	4000	100	40.0	3000	100	30.0
<b>835MO</b>		4000	124	32.4	8000	124	64.8	6000	124	48.6
<b>835HO</b>		6000	128	47.0	12000	128	93.9	9000	128	70.4
<b>835VHO</b>		8000	131	61.0	16000	131	122.0	12000	131	91.5
<b>840LO</b>	4000K	2000	100	20.0	4000	100	40.0	3000	100	30.0
<b>840MO</b>		4000	124	32.4	8000	124	64.8	6000	124	48.6
<b>840HO</b>		6000	128	47.0	12000	128	93.9	9000	128	70.4
<b>840VHO</b>		8000	131	61.0	16000	131	122.0	12000	131	91.5

## Indirect 90 CRI Square and Rectangle

<b>927LO</b>	2700K	2000	92	21.7	4000	92	43.3	3000	92	32.5
<b>927MO</b>		4000	103	38.9	8000	103	77.9	6000	103	58.4
<b>927HO</b>		6000	103	58.5	12000	103	117.0	9000	103	87.7
<b>927VHO</b>		8000	104	76.9	16000	104	153.8	12000	104	115.3
<b>930LO</b>	3000K	2000	101	19.9	4000	101	39.8	3000	101	29.8
<b>930MO</b>		4000	110	36.4	8000	110	72.9	6000	110	54.6
<b>930HO</b>		6000	112	53.5	12000	112	107.1	9000	112	80.3
<b>930VHO</b>		8000	113	71.0	16000	113	142.1	12000	113	106.5
<b>935LO</b>	3500K	2000	100	20.0	4000	100	39.9	3000	100	29.9
<b>935MO</b>		4000	109	36.6	8000	109	73.2	6000	109	54.9
<b>935HO</b>		6000	112	53.7	12000	112	107.5	9000	112	80.6
<b>935VHO</b>		8000	112	71.3	16000	112	142.7	12000	112	107.0
<b>940LO</b>	4000K	2000	100	20.0	4000	100	39.9	3000	100	29.9
<b>940MO</b>		4000	109	36.6	8000	109	73.2	6000	109	54.9
<b>940HO</b>		6000	112	53.7	12000	112	107.5	9000	112	80.6
<b>940VHO</b>		8000	112	71.3	16000	112	142.7	12000	112	107.0



## Direct 80 CRI Triangle Forms

	Color	Output						TR4 - Triangle with 4' sides					
		TR2 - Triangle with 2' sides						TR4 - Triangle with 4' sides					
		A Lens			HE Lens			A Lens			HE Lens		
		Lumens	LPW	Watts	Lumens	LPW	Watts	Lumens	LPW	Watts	Lumens	LPW	Watts
830LO	3000K	1500	83	18.0	1500	106	14.2	3000	83	36.0	3000	106	28.3
830MO		3000	92	32.5	3000	116	25.9	6000	92	64.9	6000	116	51.8
830HO		4500	94	48.0	4500	115	39.0	9000	94	96.0	9000	115	78.0
830VHO		6000	93	64.2	6000	118	50.8	12000	93	128.5	12000	118	101.5
835LO		1500	86	17.5	1500	109	13.7	3000	86	34.9	3000	109	27.5
835MO	3500K	3000	95	31.4	3000	119	25.1	6000	95	62.9	6000	119	50.2
835HO		4500	97	46.5	4500	119	37.8	9000	97	92.9	9000	119	75.5
835VHO		6000	97	62.1	6000	122	49.1	12000	97	124.2	12000	122	98.3
840LO		1500	86	17.5	1500	109	13.7	3000	86	34.9	3000	109	27.5
840MO		3000	95	31.4	3000	119	25.1	6000	95	62.9	6000	119	50.2
840HO	4000K	4500	97	46.5	4500	119	37.8	9000	97	92.9	9000	119	75.5
840VHO		6000	97	62.1	6000	122	49.1	12000	97	124.2	12000	122	98.3

## Direct 90 CRI Triangle Forms

927LO	2700K	1500	73	20.6	1500	86	17.4	3000	73	41.2	3000	86	34.8
927MO		3000	74	40.3	3000	96	31.3	6000	74	80.6	6000	96	62.6
927HO		4500	77	58.6	4500	97	46.2	9000	77	117.1	9000	97	92.5
927VHO		6000	74	81.0	6000	97	61.8	12000	74	162.0	12000	97	123.6
930LO		1500	79	18.9	1500	94	16.0	3000	79	37.8	3000	94	31.9
930MO	3000K	3000	81	36.9	3000	102	29.3	6000	81	73.8	6000	102	58.6
930HO		4500	83	54.1	4500	104	43.1	9000	83	108.2	9000	104	86.2
930VHO		6000	81	73.9	6000	106	56.6	12000	81	147.7	12000	106	113.2
935LO		1500	79	19.0	1500	94	16.0	3000	79	37.9	3000	94	32.0
935MO		3000	81	37.1	3000	102	29.4	6000	81	74.1	6000	102	58.8
935HO	3500K	4500	83	54.3	4500	104	43.3	9000	83	108.7	9000	104	86.5
935VHO		6000	81	74.1	6000	106	56.8	12000	81	148.2	12000	106	113.7
940LO		1500	79	19.0	1500	94	16.0	3000	79	37.9	3000	94	32.0
940MO		3000	81	37.1	3000	102	29.4	6000	81	74.1	6000	102	58.8
940HO		4500	83	54.3	4500	104	43.3	9000	83	108.7	9000	104	86.5
940VHO	4000K	6000	81	74.1	6000	106	56.8	12000	81	148.2	12000	106	113.7

## Indirect 80 CRI Triangle

	Color	Output						TR4 - Triangle with 4' sides					
		TR2 - Triangle with 2' sides						TR4 - Triangle with 4' sides					
		HE Lens			HE Lens			HE Lens			HE Lens		
		Lumens	LPW	Watts	Lumens	LPW	Watts	Lumens	LPW	Watts	Lumens	LPW	Watts
830LO	3000K	1500	113	13.2	1500	113	13.2	3000	113	26.5	3000	113	26.5
830MO		3000	124	24.2	3000	124	24.2	6000	124	48.4	6000	124	48.4
830HO		4500	124	36.4	4500	124	36.4	9000	124	72.7	9000	124	72.7
830VHO		6000	127	47.3	6000	127	47.3	12000	127	94.6	12000	127	94.6
835LO		1500	100	15.0	1500	100	15.0	3000	100	30.0	3000	100	30.0
835MO	3500K	3000	124	24.3	3000	124	24.3	6000	124	48.6	6000	124	48.6
835HO		4500	128	35.2	4500	128	35.2	9000	128	70.4	9000	128	70.4
835VHO		6000	131	45.8	6000	131	45.8	12000	131	91.5	12000	131	91.5
840LO		1500	100	15.0	1500	100	15.0	3000	100	30.0	3000	100	30.0
840MO		3000	124	24.3	3000	124	24.3	6000	124	48.6	6000	124	48.6
840HO	4000K	4500	128	35.2	4500	128	35.2	9000	128	70.4	9000	128	70.4
840VHO		6000	131	45.8	6000	131	45.8	12000	131	91.5	12000	131	91.5

## Indirect 90 CRI Triangle

927LO	2700K	1500	92	16.2	1500	92	16.2	3000	92	32.5	3000	92	32.5
927MO		3000	103	29.2	3000	103	29.2	6000	103	58.4	6000	103	58.4
927HO		4500	103	43.9	4500	103	43.9	9000	103	87.7	9000	103	87.7
927VHO		6000	104	57.7	6000	104	57.7	12000	104	115.3	12000	104	115.3
930LO		1500	101	14.9	1500	101	14.9	3000	101	29.8	3000	101	29.8
930MO	3000K	3000	110	27.3	3000	110	27.3	6000	110	54.6	6000	110	54.6
930HO		4500	112	40.1	4500	112	40.1	9000	112	80.3	9000	112	80.3
930VHO		6000	113	53.3	6000	113	53.3	12000	113	106.5	12000	113	106.5
935LO		1500	100	15.0	1500	100	15.0	3000	100	29.9	3000	100	29.9
935MO		3000	109	27.4	3000	109	27.4	6000	109	54.9	6000	109	54.9
935HO	3500K	4500	112	40.3	4500	112	40.3	9000	112	80.6	9000	112	80.6
935VHO		6000	112	53.5	6000	112	53.5	12000	112	107.0	12000	112	107.0
940LO		1500	100	15.0	1500	100	15.0	3000	100	29.9	3000	100	29.9
940MO		3000	109	27.4	3000	109	27.4	6000	109	54.9	6000	109	54.9
940HO		4500	112	40.3	4500	112	40.3	9000	112	80.6	9000	112	80.6
940VHO	4000K	6000	112	53.5	6000	112	53.5	12000	112	107.0	12000	112	107.0

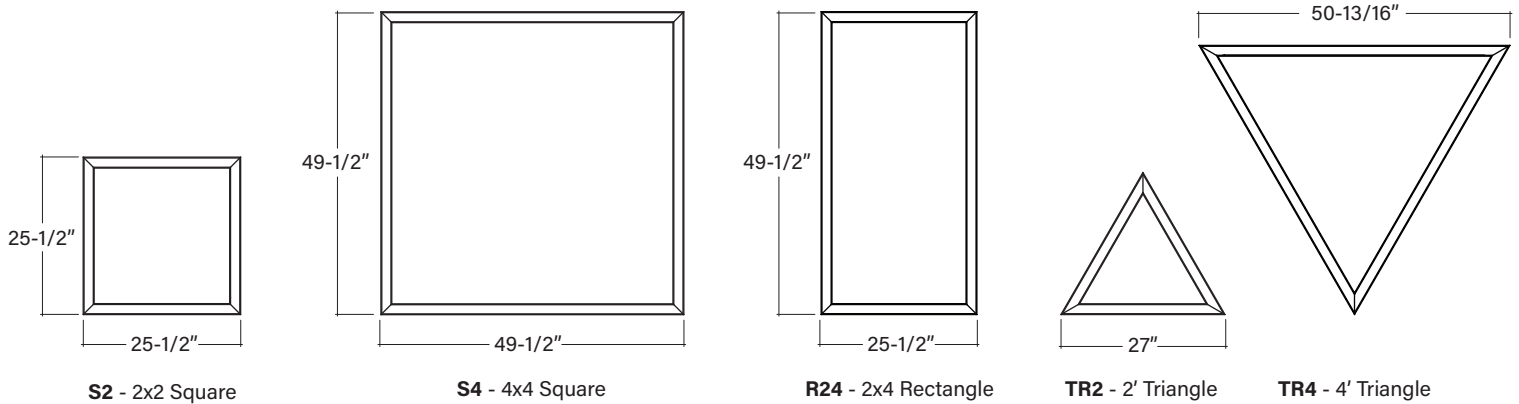
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EX1DIF\_LED\_SPEC\_JUNE2025



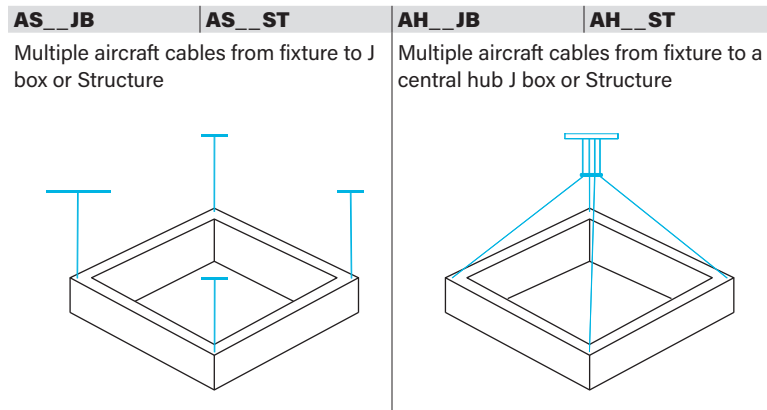
## Form



## Mounting

- Must specify cable length in ordering code (AS48G1), either 48" or 120" standard, field adjustable
- Power cord attached at factory
- Aircraft cable supplied with 5" (127mm) power and 2" (50.8mm) non-power canopies

- Canopies match fixture finish, power cords are white or black depending on fixture finish. See Finish section for additional details
- Approved for dry/damp location unless otherwise noted
- Refer to installation instructions during installation



### Central Hub Canopy

- The central hub canopy (AH) can be installed either below the ceiling plane or semi-recessed into the ceiling for a flush mount installation
- Standard kit can be installed either way
- Flush canopy installation is not available for fixtures installed below a grid rail



## Voltage

- Some EX1DIF 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 EX1DIF configurations will not accommodate all driver options; consult with factory

### 0-10V Drivers

<b>FSD</b>	Factory Select Driver 1%, 0-10v
<b>PL2</b>	Advance Xitanium 1%, 0-10v
<b>PL4</b>	Advance Xitanium 347v 1%, 0-10v, requires 347v option
<b>OL2</b>	eldoLED Optotronic, 1%, 0-10v
<b>OL4</b>	eldoLED Optotronic 347v, 1% 0-10v, requires 347v option
<b>EE1</b>	eldoLED ECOdrive 1%, 0-10v, Logarithmic
<b>EE2</b>	eldoLED ECOdrive 1%, 0-10v, Linear
<b>ES1</b>	eldoLED SOLOdrive 0.1%, 0-10v, Logarithmic
<b>ES2</b>	eldoLED SOLOdrive 0.1%, 0-10v, Linear

### DALI Drivers

<b>EE3</b>	eldoLED ECOdrive 1%, DALI 2, Logarithmic, DT6
<b>ES3</b>	eldoLED SOLOdrive 0.1%, DALI 2, Logarithmic, DT6

### Lutron Drivers

<b>LH1</b>	Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1
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## How to specify Circuiting, Battery and Emergency

- Select fixture circuiting from options below
  - Some EX1DIF configurations will not accommodate all circuiting options, consult with factory
  - Section wiring not available within an individual Form. Emergency circuit and Night Light circuit options are for designation purposes only.

## Circuiting

<b>1</b>	Single Circuit
<b>2</b>	Dual Circuit ( <i>direct/indirect</i> )
<b>M</b>	Multi Circuit
<b>E</b>	Emergency Circuit only
<b>N</b>	Night Light Circuit only

- Battery and emergency options are available in addition to fixture circuit
  - Select battery and emergency options below; factory shop drawing required
  - Some EX1DIF configurations will not accommodate all circuiting options, consult with factory

## Battery and/or Emergency If Required

<b>0</b>	No battery or specific emergency required
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## Battery

- Not available in S2 or TR2 maximum one battery per form
- Battery powers (one) 4ft section within form during the loss of normal power
- 90 minute battery runtime; test button is remote to fixture
- PLL and ILL not available with VHO and 927HO
- For more battery options see [Pinnacle Resource Guide](#)

<b>0</b>	No Battery
<b>1FSB</b>	Factory Select Battery 10w, Integral Lithium
<b>1FSBST</b>	Factory Select Battery 10w, Integral Lithium, Self Testing
<b>1PLL</b>	Bodine 10w Integral Lithium, Self Testing
<b>1ILL</b>	Iota 10w Integral Lithium, Self Testing

### For Approximate Battery Lumen Output

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

## Emergency

- Not available in S2 or TR2. Maximum one EM device per form
- Emergency device powers entire form during the loss of normal power
- Combine battery and emergency ordering codes if both options are selected

<b>1FSG</b>	Factory Select ALCR, Emergency Control Device, UNV
<b>1GI</b>	Iota ETS-DR, Emergency Control Device, UNV
<b>1GB</b>	Bodine GTD, Emergency Control Device, 120v or 277v

### Battery OR Emergency Ordering Examples

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



## Finish

- Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish; consult factory for chip of standard paint finishes
- Selecting a fixture finish other than white may impact lumen output; consult factory for more information

<b>W</b>	White <i>(white cord/white canopy)</i>
<b>S</b>	Metallic Silver <i>(white cord/silver canopy)</i>
<b>BL</b>	Textured Black <i>(black cord/black canopy)</i>
<b>BR</b>	Bronze <i>(white cord/bronze canopy)</i>
<b>GR</b>	Graphite <i>(white cord/graphite canopy)</i>
<b>CC</b>	Custom Color <i>(white cord/color match canopy)</i>

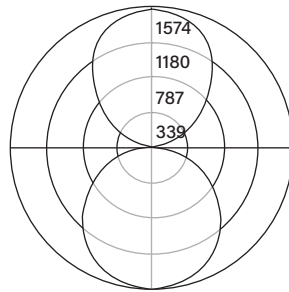
## Controls

- Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.

## Photometrics

### High Efficiency Lens

Test #	KPL2015-59
Catalog #	EX1DI-A-HE-840VHO-840VHO-4
Lumens	7791
Watts	69.2
Efficacy	113 LPW



NOTE: For accurate light calculations of Edge Forms using lighting design software, Pinnacle recommends assembling a geometric arrangement from individual 2-foot and/or 4-foot Edge 1 IES files. Refer to the Forms IES Instructions for more details.

## Applications & Certificates

**Construction:** Welded single piece extruded aluminum housing.

**Shielding:** Diffuse snap-in acrylic lens with matte finish, removable for maintenance.

**Mounting:** Aircraft cable suspension available with Multiple Canopy or Central Hub Canopy options. Multiple Canopy (AS): Cables at each fixture corner connect to individual 5" power and 2" non-power ceiling canopies. Central Hub Canopy (AH): Cables at each fixture corner converge into a single 5" central ceiling canopy hub for a minimalist look. Refer to installation instructions for appropriate ceiling detail.

**LED:** 25°C test environment. Lumen output/wattage has a margin of +/- 5%; 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 = 64,700 hours. MacAdam 3-Step Ellipses. For all available IES files, please visit our website at [pinnacle-ltg.com](http://pinnacle-ltg.com).

**CRI, CCT & Lumen Output:** Not all lumen packages available in every CRI/CCT. Four lumen packages available. Low (LO), Medium (MO), 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 Factory Select Driver 0-10V, 1% = FSD. Electronic driver, Power factor is >0.9 with a THD <20%. Driver Lifetime: 50,000 hours at 25°C ambient operating conditions. Ambient operating range: -20°F/-30°C to 115°F/46°C. For more driver options, see Pinnacle Resource Guide. Some EDGE configurations will not accommodate all driver options.

**Circuiting:** Select from single circuit (1), Emergency circuit (E), Night Light circuit (N). 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. Canopies painted white unless specified differently in the options section of the part number. Contact factory for additional custom color and finish options.

**Controls:** Mod options available, consult with factory.

**Labels:** UL and cUL 1598 listed. 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 14lbs for 2x2, 28lbs for 4x4, 21lbs for 2x4, 11lbs for TR2 and 20lbs for TR4.

**Buy American Act Compliant**

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