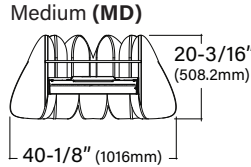


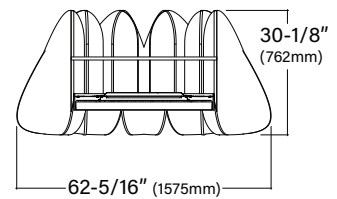


# FINA FLORES

Direct/Indirect Suspended  
Acoustic Round



Large (LG)



## Key Features

- Aluminum housing is rolled and welded for seamless finish with 1/4" trim
- Aluminum top cover conceals all electrical components. Highly reflective die-formed white painted steel reflector
- Acoustic is made of 12mm PET and is up-to 90% post consumer content
- FINA offered with a 5-year limited warranty. Covers LED, driver and fixture
- ETL Listed conforming to UL1598 in US and CSA 250 in Canada
- Maximum fixture weight: MD - 35lbs., LG - 80lbs.
- Lift and shift lens allowing room-side maintenance for LED system
- Buy American Act compliant



Example Part #: FAFL-DI-MD-IV-A-935HO-935HO-AH448JB-U-FSD-2-0-W

**FAFL-DI** - SIZE - ACOUSTIC COLOR - SHIELDING - DIRECT SOURCE - INDIRECT SOURCE - MOUNTING - VOLTAGE - DRIVER - CIRCUITING - BATTERY & EMERGENCY - HOUSING FINISH

---	---	---	---
SIZE	ACOUSTIC COLOR	SHIELDING	DIRECT SOURCE <sup>1</sup>
<b>MD</b> - Medium, 20-3/16" x 40-1/8" overall <b>LG</b> - Large, 30-1/8" x 62-5/16" overall <i>Size pg. 2</i>	<b>IV</b> - Ivory <b>LI</b> - Linen <b>SM</b> - Smoke <b>CA</b> - Cadet <b>PE</b> - Pewter <b>CH</b> - Chambray <b>SL</b> - Slate <b>TA</b> - Tar <i>Acoustic Color pg. 2</i>	<b>A</b> - Satine Lens	<b>927</b> ___ - 90 CRI, 2700K <b>930</b> ___ - 90 CRI, 3000K <b>935</b> ___ - 90 CRI, 3500K <b>940</b> ___ - 90 CRI, 4000K <b>CL</b> _____ - Custom Lumens <b>CW</b> _____ - Custom Watts <i>Source pg. 3</i>
<i>SM available in Direct ONLY</i>			
-----	-----	---	---
INDIRECT SOURCE <sup>1</sup>	MOUNTING <sup>2</sup>	VOLTAGE	DRIVER
<b>927</b> ___ - 90 CRI, 2700K <b>930</b> ___ - 90 CRI, 3000K <b>935</b> ___ - 90 CRI, 3500K <b>940</b> ___ - 90 CRI, 4000K <b>CL</b> _____ - Custom Lumens <b>CW</b> _____ - Custom Watts <i>Source pg. 3</i>	<b>AC3</b> _____ - 3 AC to JB or ST <b>AH4</b> _____ - 4 AC w/hub to JB or ST <b>PP</b> _____ - Pendant Pipe to JB or ST <b>PS</b> _____ - Pendant Swivel to JB or ST <i>Mounting pg. 4</i>	<b>U</b> - Universal (120 thru 277V) <b>1</b> - 120V <b>2</b> - 277V <b>3</b> - 347V <i>Voltage pg. 4</i>	<b>FSD</b> - Factory Select Driver (1%, 0-10v) <b>PL2</b> - Advance Xitanium (1%, 0-10v) <b>OL2</b> - eldoLED Optotronic (1%, 0-10v) <b>OL4</b> - eldoLED Optotronic 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. 5</i>
-----	-----	---	---
CIRCUITING	BATTERY & EMERGENCY	HOUSING FINISH	
<b>1</b> - Single Circuit <b>2</b> - Dual Circuit ( <i>direct/indirect only</i> ) <b>E</b> - Emergency ( <i>entire fixture</i> ) <b>N</b> - Night Light ( <i>entire fixture</i> ) <i>Circuiting pg. 5</i>	<b>0</b> - None <b>FSB</b> - Factory Select Battery <b>ILL</b> - Iota 10W <b>PLL</b> - Bodine 10W <b>FSG</b> - Factory Select ALCR <b>GI</b> - Iota ETS DR <b>GB</b> - Bodine GTD <i>Battery and Emergency pg. 5</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>Housing Finish pg. 5</i>	

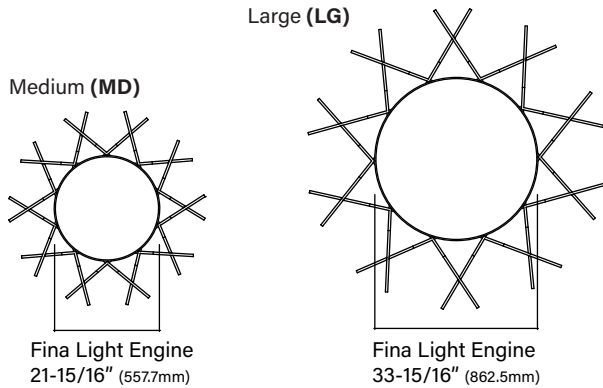
<sup>1</sup>When specifying SOURCE use the ending \_\_\_ are for specifying output, example **HO** - High Output. See Source section on page 2 for all outputs. <sup>2</sup>When specifying include length of cable/pendant than either JB or ST for mounting type. Example: AC348JB, AC3 = 3 Aircraft Cables, 48 = 48" long cables, JB = connects to junction box. Standard AC cable lengths for SM size are 48", 120", 240"; for MD/LG they are 120". Standard Pendant lengths for SM size are 12", 18", 24", 36", and 48" for MD/LG they are 24", 36", and 48".

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.



## Size

- Small (SM) Size available in Direct only



## Acoustic Color

- 12mm PET Polyester Fiber acoustic panel
- Recyclable and contains up-to 90% post-consumer content
- Classic Contrast and Earthbound Hues are standard colors and available within standard lead times
- Other Colors - By Request required longer lead time, contact factory for more information
- Colors below are for representation purposes, color may vary from photograph, contact factory for sample

### CLASSIC CONTRAST

IV - Ivory	SK - Smoke	CH - Chambray	CA - Cadet
PE - Pewter	SL - Slate	TA - Tar	

### EARTHBOUND HUES

LI - Linen	ST - Storm	ME - Meadow	SA - Saffron
BA - Bark	TL - Twilight	EL - Elderberry	

### OTHER COLORS - BY REQUEST

FR - Frost	PR - Parchment	PB - Pebble	GR - Greige	EC - Ecru	FO - Fossil	SY - Sky	CO - Cobalt
MI - Midnight	GA - Grass	OL - Olive	MA - Malachite	SU - Sunshine	MD - Mandarin	OC - Ochre	BR - Brick

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

FAFL\_DI\_LED\_SPEC\_MARCH2025



## Direct Source

- 90 CRI = R9≥50

### Custom Output- Lumens OR Wattage

<b>CL</b> _____	Specify CRI, CCT and desired lumens (i.e. CL9352000)	Specify lumens between standard offering listed below. Lumens are specified per color temp
<b>CW</b> _____	Specify CRI, CCT and desired wattage (i.e. CW94020)	Specify watts between standard offering listed below

### 90 CRI

	Color	Shielding			LG - Large		
		MD - Medium			Satine Lens		
		Lumens	Watts	LPW	Lumens	Watts	LPW
<b>927LO</b>	2700K	1639	15.8	104	4257	41.2	103
<b>927MO</b>	2700K	2851	26.7	107	7375	71.8	103
<b>927HO</b>	2700K	4018	38.7	104	10374	105.0	99
<b>930LO</b>	3000K	1749	15.8	111	4541	41.2	110
<b>930MO</b>	3000K	3042	26.7	114	7867	71.8	110
<b>930HO</b>	3000K	4286	38.7	111	11067	105.0	105
<b>935LO</b>	3500K	1757	15.8	111	4564	41.2	111
<b>935MO</b>	3500K	3057	26.7	114	7906	71.8	110
<b>935HO</b>	3500K	4307	38.7	111	11121	105.0	106
<b>940LO</b>	4000K	1760	15.8	111	4569	41.2	111
<b>940MO</b>	4000K	3060	26.7	115	7915	71.8	110
<b>940HO</b>	4000K	4312	38.7	111	11134	105.0	106

## Indirect Source

- 90 CRI = R9≥61

### Custom Output- Lumens OR Wattage

<b>CL</b> _____	Specify CRI, CCT and desired lumens (i.e. CL9352000)	Specify lumens between standard offering listed below. Lumens are specified per color temp
<b>CW</b> _____	Specify CRI, CCT and desired wattage (i.e. CW94020)	Specify watts between standard offering listed below

### 90 CRI

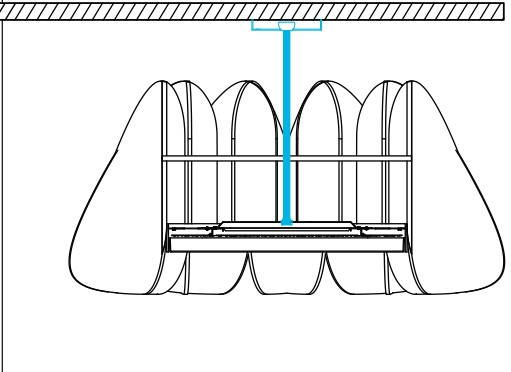
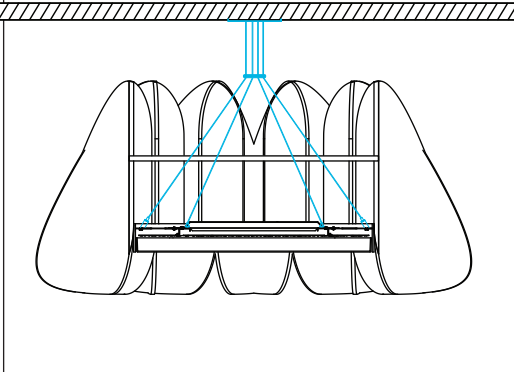
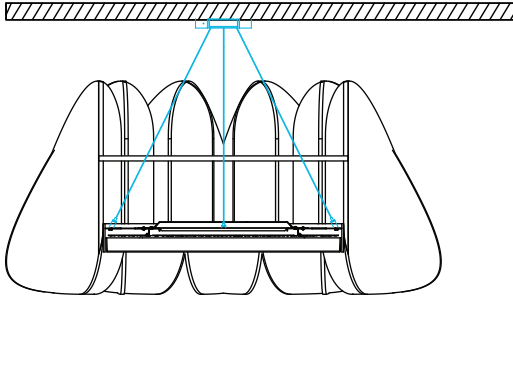
	Color	Shielding			LG - Large		
		MD - Medium			Clear Lens Overlay		
		Lumens	Watts	LPW	Lumens	Watts	LPW
<b>927LO</b>	2700K	1365	14.4	95	2679	27.6	97
<b>927MO</b>	2700K	2007	21.4	94	3938	41.3	95
<b>927HO</b>	2700K	2605	28.6	91	5113	56.2	91
<b>930LO</b>	3000K	1437	14.4	100	2821	27.6	102
<b>930MO</b>	3000K	2114	21.4	99	4150	41.3	100
<b>930HO</b>	3000K	2745	28.6	96	5388	56.2	96
<b>935LO</b>	3500K	1489	14.4	103	2923	27.6	106
<b>935MO</b>	3500K	2191	21.4	102	4300	41.3	104
<b>935HO</b>	3500K	2845	28.6	99	5584	56.2	99
<b>940LO</b>	4000K	1529	14.4	106	3001	27.6	109
<b>940MO</b>	4000K	2249	21.4	105	4414	41.3	107
<b>940HO</b>	4000K	2920	28.6	102	5731	56.2	102



Mounting

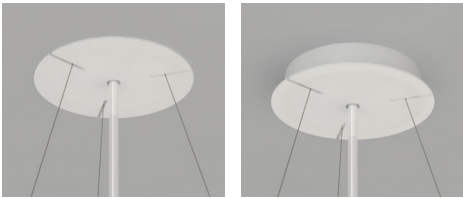
- Aircraft cables and pendants mount directly to a standard junction box or structure
- Canopies and pendants match fixture finish, power cords are white or black depending on fixture finish. See Finish section for additional details.
- Must specify overall AC cable length, for MD size: 48", 120" or 240" for LG: 120" or 240"
- Must specify overall pendant length, for MD size: 12", 18", 24", 36" or 48" for LG: 24", 36" or 48"
- Maximum fixture weight: MD - 35lbs., LG - 80lbs.

<b>AC3__JB</b> 3 AC cables to fixture to J-Box	<b>AH4__JB</b> 4 AC cables with hub to fixture to J-Box	<b>PP__JB</b> Pendant Pipe to J-Box
		<b>PS__JB</b> Pendant Swivel to J-Box
<b>AC3__ST</b> 3 AC cables to fixture to Structure	<b>AH4__ST</b> 4 AC cables with hub to fixture to Structure	<b>PP__ST</b> Pendant Pipe to Structure
		<b>PS__ST</b> Pendant Swivel to Structure



Canopies

- The canopy 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 FINA configurations will not accommodate all voltage options; consult with factory

<b>U</b>	Universal
<b>1</b>	120 volt
<b>2</b>	277 volt
<b>3</b>	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 on download pages at pinnacle-ltg.com

- Some FINA 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>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 0-10v, 0.1% Logarithmic
<b>ES2</b>	eldoLED SOLOdrive 0-10v, 0% Linear

### DALI Drivers

<b>EE3</b>	eldoLED ECOdrive .1%, DALI (logarithmic)
<b>ES3</b>	eldoLED SOLOdrive .1%, DALI (logarithmic)

### Lutron Drivers

<b>LH1</b>	Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1
------------	---

## Circuiting

- Select fixture circuiting from options below
- Some FINA configurations will not accommodate all circuiting options; consult with factory

<b>1</b>	Single Circuit
<b>E</b>	Emergency Circuit only
<b>N</b>	Night Light Circuit only

## Battery & Emergency

- Select battery or emergency options if required
- Battery duration is 90 minutes
- Test button is remote to fixture

- For more battery options available, see Pinnacle Resource Guide
- Some FINA configurations will not accommodate all battery options; consult with factory

<b>0</b>	No Battery
<b>FSB</b>	Factory Select Battery 10w, Integral Lithium
<b>PLL</b>	Bodine 10w, Integral Lithium, Self Testing
<b>PCL</b>	Bodine 6w, Integral Lithium, Self Testing
<b>PB</b>	Bodine 10w, Integral
<b>ILL</b>	Iota 10w, Integral Lithium, Self Testing
<b>ICL</b>	Iota 7w, Integral Lithium, Self Testing
<b>PRS</b>	Bodine 7w, Remote, Self Testing, Dual conduit flex
<b>PRD</b>	Bodine 10w, Remote, Dual conduit flex
<b>IRC</b>	Iota 10w, Remote, Dual conduit flex
<b>FSG</b>	Factory Select ALCR Emergency Control Device, UNV
<b>GI</b>	Iota ETS-DR, Emergency Control Device, UNV
<b>GB</b>	Bodine GTD, Emergency Control Device, 120v or 277v

### For Approximate Battery Lumen Output

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

### Battery & Emergency Ordering Examples

- Single circuit, 10w integral battery Ordering Code: 1-1FSB
- Emergency circuit only, 10w integral battery Ordering Code: E-1PLL

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

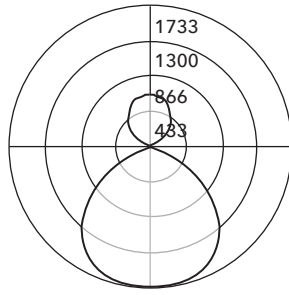




## Photometrics

### Satine Lens

Test #	Scaled from 5360-1 & 5360-2
Catalog #	FAFL-DI-MD-940HO-940LO
Lumens	5837 lm
Watts	53.2 W
Efficacy	110 LPW



### Candela Distribution

Vert Angle	Horizontal Angle
0	0
0	1719
5	1730
15	1705
25	1583
35	1372
45	1080
55	744
65	403
75	122
85	30
90	13
95	11
100	39
115	87
125	223
135	338
145	430
155	511
165	588
175	611
180	613

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6245	6245	6245
55	5307	5307	5307
65	3900	3900	3900
75	1925	1925	1925
85	1427	1427	1427

For all available IES files, please visit our website at [pinnacle-ltg.com](http://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

## Approvals & Certifications

**Construction:** Extruded aluminum housing is rolled and welded for seamless finish with minimal trim detail. Aluminum top cover conceals all electrical components. Highly reflective die-formed white painted steel reflector. Wiring access on top of housing.

**Shielding:** Single piece diffuse lens creating a fully luminous housing. Available with standard satine lens.

**Mounting:** Aircraft cable, and Pendant mount available. Aircraft Cable and pendant supplied with 5" (127mm) canopies. 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. L70 = 146,500 hours and L90 = 45,000 hours. MacAdam 3-Step Ellipses. For all available IES files, please visit our website at [pinnacle-ltg.com](http://pinnacle-ltg.com).

**CRI, CCT & Output:** Three lumen packages available. Low (LO), Mid (MO) and High (HO). Custom outputs are available. Specify custom lumens or watts between standard offering listed on CRI, CCT & Output page. 90 CRI is available for 2700K, 3000K, 3500K, and 4000K. 90 CRI = R9≥50.

**Voltage:** Universal (U), 120 volt (1), 277 volt (2), 347 volt (3) options available. Must specify OL4 in Driver section when 347 volt (3) is selected. Some FINA 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. For more driver options, see Pinnacle Resource Guide on download pages at [pinnacle-ltg.com](http://pinnacle-ltg.com). Some FINA configurations will not accommodate all driver options.

**Circuiting:** Select from Single circuit (1), Emergency circuit (E) or Night Light circuit (N). Some FINA 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 on download pages at [pinnacle-ltg.com](http://pinnacle-ltg.com).

**Acoustic Finish:** Acoustic panel material is a 12mm PET Polyester Fiber acoustic panel, containing up to 90% post-consumer content, made by others. Acoustic testing was completed by Riverbank Acoustic. For specific reports, contact Pinnacle directly. Acoustic material is extremely durable and requires little attention as far as maintenance. Light dusting is recommended. For disinfection, spray lightly with preferred disinfectant solution and let air dry. Do not wipe after being sprayed for optimal disinfection.

**Labels:** ETL listed conforming to UL and cUL 1598. Approved for dry location unless otherwise noted.

**Fixture Weight:** MD - 35lbs., LG - 80lbs.

**Buy American Act compliant**

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