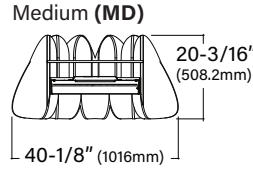


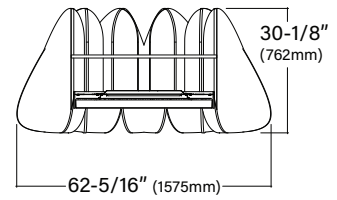


FINA FLORES

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 ¹ |
| MD - Medium, 20-1/16" x 40-1/8" overall LG - Large, 30-1/8" x 62-5/16" overall <i>Size pg. 2</i> SM available in Direct ONLY | IV - Ivory LI - Linen SM - Smoke CA - Cadet PE - Pewter CH - Chambray SL - Slate TA - Tar <i>Acoustic Color pg. 2</i> | A - Satine Lens | 927 __ - 90 CRI, 2700K 930 __ - 90 CRI, 3000K 935 __ - 90 CRI, 3500K 940 __ - 90 CRI, 4000K CL _____ - Custom Lumens CW _____ - Custom Watts <i>Source pg. 3</i> |
| ----- | ----- | — | --- |
| INDIRECT SOURCE ¹ | MOUNTING ² | VOLTAGE | DRIVER |
| 927 __ - 90 CRI, 2700K 930 __ - 90 CRI, 3000K 935 __ - 90 CRI, 3500K 940 __ - 90 CRI, 4000K CL _____ - Custom Lumens CW _____ - Custom Watts <i>Source pg. 3</i> | AC3 _____ - 3 AC to JB or ST AH4 _____ - 4 AC w/hub to JB or ST PP _____ - Pendant Pipe to JB or ST PS _____ - Pendant Swivel to JB or ST <i>Mounting pg. 4</i> | U - Universal (<i>120 thru 277V</i>) 1 - 120V 2 - 277V 3 - 347V <i>Voltage pg. 4</i> | FSD - Factory Select Driver (<i>1%, 0-10v</i>) PL2 - Advance Xitanium (<i>1%, 0-10v</i>) OL2 - eldoLED Optotronic (<i>1%, 0-10v</i>) OL4 - eldoLED Optotronic 347v (<i>1%, 0-10v</i>) EE1 - eldoLED ECOdrive (<i>1%, 0-10v</i>) ES1 - eldoLED SOLOdrive (<i>0.1%, 0-10v</i>) LH1 - Lutron Hi-lume (<i>1%, EcoSystem</i>) <i>Driver pg. 5</i> |
| — | --- | --- | |
| CIRCUITING | BATTERY & EMERGENCY | HOUSING FINISH | |
| 1 - Single Circuit 2 - Dual Circuit (<i>direct/indirect only</i>) E - Emergency (<i>entire fixture</i>) N - Night Light (<i>entire fixture</i>) <i>Circuiting pg. 5</i> | 0 - None FSB - Factory Select Battery ILL - Iota 10W PLL - Bodine 10W FSG - Factory Select ALCR GI - Iota ETS DR GB - Bodine GTD <i>Battery and Emergency pg. 5</i> | W - White S - Metallic Silver BL - Textured Black BR - Bronze GR - Graphite CC - Custom Color <i>Housing Finish pg. 5</i> | |

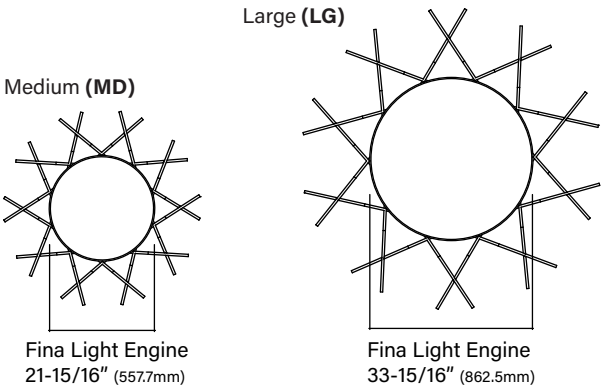
¹When specifying SOURCE use the ending ____ are for specifying output, example **HO** - High Output. See Source section on page 2 for all outputs. ²When specifying include length of cable/pendant than either JB or ST for mounting type. Example: AC348JB, AC3 = 3 Aircraft Cables, 48 = 48" long cables, 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

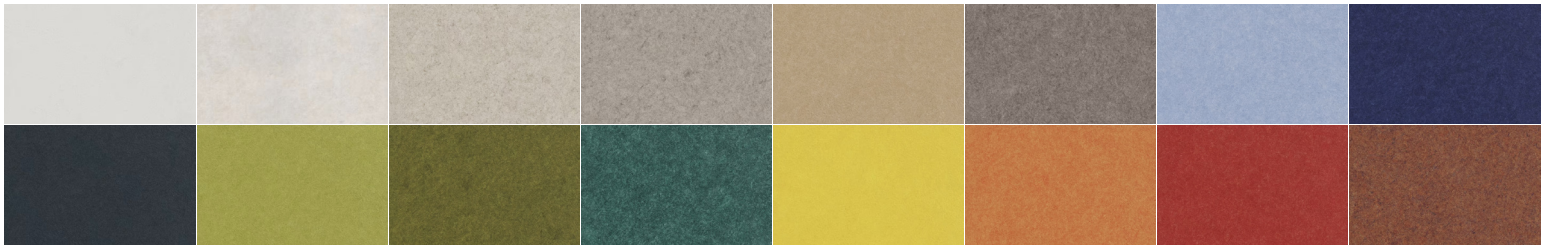
CLASSIC CONTRAST

| 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





Direct Source

- 90 CRI = R9≥50

Custom Output- Lumens OR Wattage

| | | |
|-----------------|--|--|
| CL _____ | Specify CRI, CCT and desired lumens (i.e. CL9352000) | Specify lumens between standard offering listed below. Lumens are specified per color temp |
| CW _____ | 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 |
| 927LO | 2700K | 1639 | 15.8 | 104 | 4257 | 41.2 | 103 |
| 927MO | 2700K | 2851 | 26.7 | 107 | 7375 | 71.8 | 103 |
| 927HO | 2700K | 4018 | 38.7 | 104 | 10374 | 105.0 | 99 |
| 930LO | 3000K | 1749 | 15.8 | 111 | 4541 | 41.2 | 110 |
| 930MO | 3000K | 3042 | 26.7 | 114 | 7867 | 71.8 | 110 |
| 930HO | 3000K | 4286 | 38.7 | 111 | 11067 | 105.0 | 105 |
| 935LO | 3500K | 1757 | 15.8 | 111 | 4564 | 41.2 | 111 |
| 935MO | 3500K | 3057 | 26.7 | 114 | 7906 | 71.8 | 110 |
| 935HO | 3500K | 4307 | 38.7 | 111 | 11121 | 105.0 | 106 |
| 940LO | 4000K | 1760 | 15.8 | 111 | 4569 | 41.2 | 111 |
| 940MO | 4000K | 3060 | 26.7 | 115 | 7915 | 71.8 | 110 |
| 940HO | 4000K | 4312 | 38.7 | 111 | 11134 | 105.0 | 106 |

Indirect Source

- 90 CRI = R9≥61

Custom Output- Lumens OR Wattage

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

90 CRI

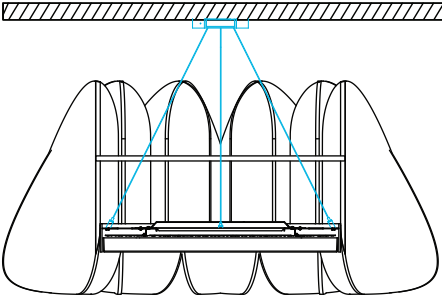
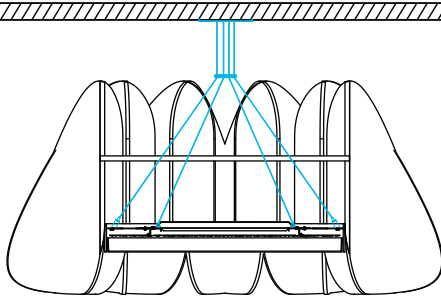
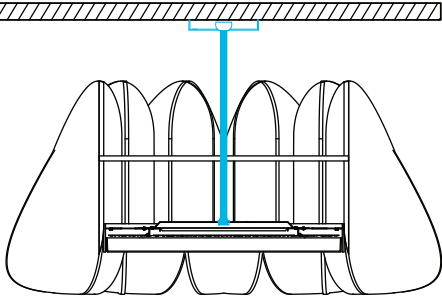
| | Color | Shielding | | | LG - Large | | |
|--------------|-------|-------------|-------|-----|--------------------|-------|-----|
| | | MD - Medium | | | Clear Lens Overlay | | |
| | | Lumens | Watts | LPW | Lumens | Watts | LPW |
| 927LO | 2700K | 1365 | 14.4 | 95 | 2679 | 27.6 | 97 |
| 927MO | 2700K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



Mounting

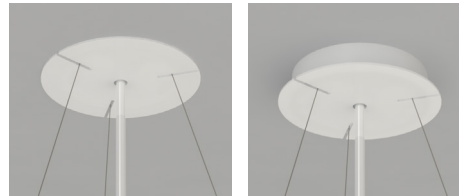
- Aircraft cables and pendants mount directly to a standard junction box or structure
- Canopies and pendants match fixture finish, power cords are white or black depending on fixture finish. See Finish section for additional details.
- Must specify overall AC cable length, for MD size: 48", 120" or 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.

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

| | |
|----------|-----------|
| 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 on download pages at pinnacle-ltg.com

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

| 0-10V Drivers | |
|----------------|---|
| FSD | Factory Select Driver 1%, 0-10v |
| PL2 | Advance Xitanium, 1%, 0-10v |
| 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 |
| DALI Drivers | |
| EE3 | eldoLED ECOdrive .1%, DALI (logarithmic) |
| ES3 | eldoLED SOLOdrive .1%, DALI (logarithmic) |
| Lutron Drivers | |
| LH1 | 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

| | |
|----------|--------------------------|
| 1 | Single Circuit |
| E | Emergency Circuit only |
| N | 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

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

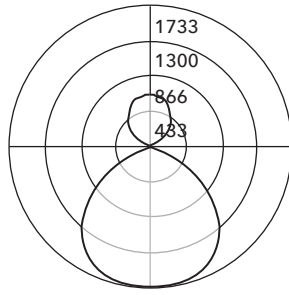
| | |
|-----------|--|
| W | White (white cord/white canopy) |
| S | Metallic Silver (white cord/silver canopy) |
| BL | Textured Black (black cord/black canopy) |
| BR | Bronze (white cord/bronze canopy) |
| GR | Graphite (white cord/graphite canopy) |
| CC | Custom Color (white cord/color match canopy)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



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. 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.

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. 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.

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.