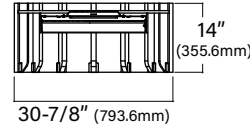




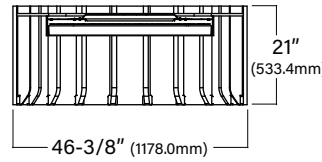
# FINA DRUM

## Direct Suspended Acoustic Round

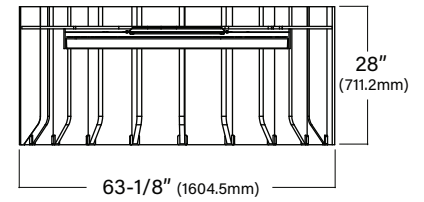
Small (SM)



Medium (MD)



Large (LG)



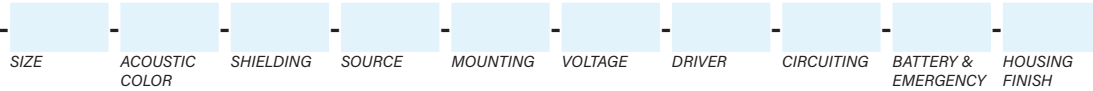
### Key Features

- Sound-absorbing design for calm, connected spaces
- Made with 12mm-thick PET felt with 95% recycled content
- Rolled and welded aluminum inner housing
- Powered by the Fina round light engine for high-quality illumination
- Regressed, luminous lens provides visual comfort and UGR < 19 options
- Available in 31", 46", and 63" diameters for scalable design



Example Part #: FADR-D-LG-SL-A-935HO-AH448JB-U-FSD-1-0-W

### FADR-D



SIZE	ACOUSTIC COLOR	SHIELDING	SOURCE <sup>1</sup>
<b>SM</b> - Small, 14" x 30-7/8" overall <b>MD</b> - Medium, 21" x 46-3/8" overall <b>LG</b> - Large, 28" x 63-1/8" overall <i>Size pg. 2</i>	<u>Classic Contrast</u> <b>IV</b> - Ivory <b>SK</b> - Smoke <b>CH</b> - Chambray <b>CA</b> - Cadet <b>PE</b> - Pewter <b>SL</b> - Slate <b>TA</b> - Tar <i>Acoustic Color pg. 2</i>	<u>Earthbound Hues</u> <b>LI</b> - Linen <b>ST</b> - Storm <b>ME</b> - Meadow <b>SA</b> - Saffron <b>BA</b> - Bark <b>TL</b> - Twilight <b>EL</b> - Elderberry	<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>

MOUNTING <sup>2</sup>	VOLTAGE	DRIVER	CIRCUITING
<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. 3</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. 4</i>	<b>1</b> - Single Circuit <b>E</b> - Emergency (entire fixture) <b>N</b> - Night Light (entire fixture) <i>Circuiting pg. 4</i>

BATTERY & EMERGENCY	HOUSING FINISH
<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. 4</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>

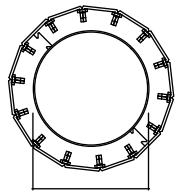
<sup>1</sup>When specifying SOURCE use the ending \_\_ are for specifying output, example **HO** - High Output. See Source section on page 2 for all outputs. <sup>2</sup>When specifying include length of cable/pendant than either JB or ST for mounting type. Example: AC348JB, AC3 = 3 Aircraft Cables, 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", 240". 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.



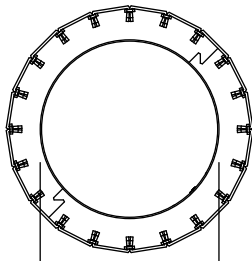
Size

Small (SM)



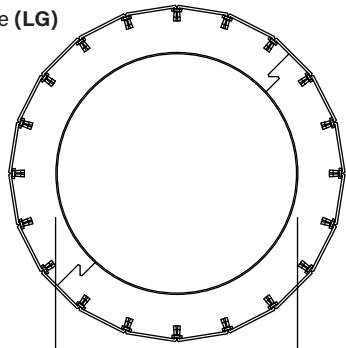
Finadrum Light Engine  
21-15/16" (557.7mm)

Medium (MD)



Finadrum Light Engine  
33-15/16" (862.5mm)

Large (LG)



Finadrum Light Engine  
45-15/16" (1167.3mm)

Acoustic

- 12mm PET felt made from 95% recycled materials (60% post-consumer, 35% pre-consumer)
- 100% recyclable and Declare LBC Red List Free
- Classic Contrast and Earthbound Hues are standard colors and available within standard lead times
- Additional colors available by request (longer lead times may apply)
- 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

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## Source

- 90 CRI = R9≥50

## Custom Output- Lumens OR Wattage

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

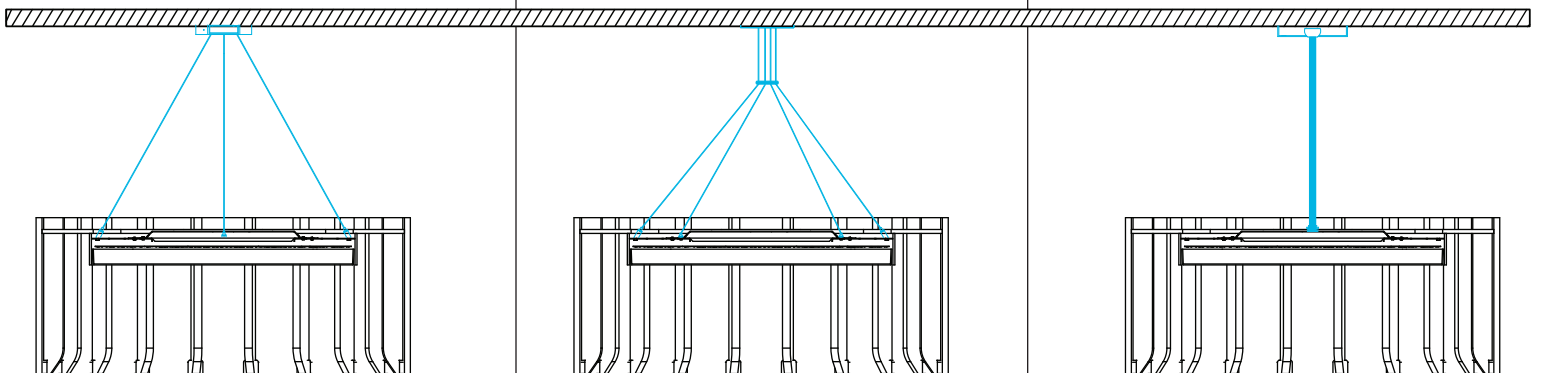
## 90 CRI

	Color	Shielding			MD - Medium Satine Lens			LG - Large Satine Lens		
		SM - Small Satine Lens								
		Lumens	Watts	LPW	Lumens	Watts	LPW	Lumens	Watts	LPW
<b>927LO</b>	2700K	1639	15.8	104	4257	41.2	103	8075	77.9	104
<b>927MO</b>	2700K	2851	26.7	107	7375	71.8	103	13994	137.7	102
<b>927HO</b>	2700K	4018	38.7	104	10374	105.0	99	19679	199.8	98
<b>930LO</b>	3000K	1749	15.8	111	4541	41.2	110	8614	77.9	111
<b>930MO</b>	3000K	3042	26.7	114	7867	71.8	110	14928	137.7	108
<b>930HO</b>	3000K	4286	38.7	111	11067	105.0	105	20993	199.8	105
<b>935LO</b>	3500K	1757	15.8	111	4564	41.2	111	8656	77.9	111
<b>935MO</b>	3500K	3057	26.7	114	7906	71.8	110	15001	137.7	109
<b>935HO</b>	3500K	4307	38.7	111	11121	105.0	106	21095	199.8	106
<b>940LO</b>	4000K	1760	15.8	111	4569	41.2	111	8666	77.9	111
<b>940MO</b>	4000K	3060	26.7	115	7915	71.8	110	15019	137.7	109
<b>940HO</b>	4000K	4312	38.7	111	11134	105.0	106	21121	199.8	106

## Mounting

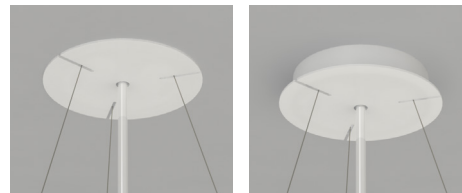
- Aircraft cables and pendants mount directly to a standard junction box or structure
- Canopies and pendants match fixture finish, power cords are white or black depending on fixture finish. See Finish section for additional details.
- Must specify overall AC cable length, for SM size: 48", 120" or 240" for MD/LG: 120" or 240"
- Must specify overall pendant length, for SM size: 12", 18", 24", 36" or 48" for MD/LG: 24", 36" or 48"
- Large (LG) Drum not available with AH mounting options
- Maximum fixture weight: SM - 38lbs., MD - 75lbs., LG - 110lbs.

<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>AC3__ST</b> 3 AC cables to fixture to Structure	<b>AH4__ST</b> 4 AC cables with hub to fixture to Structure	<b>PS__JB</b> Pendant Swivel to J-Box
		<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



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## 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>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

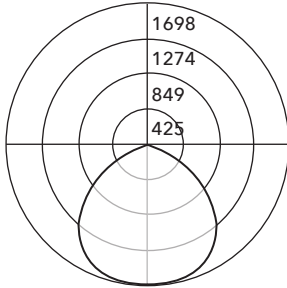
- Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish; consult factory for chip of standard paint finishes
- Selecting a fixture finish other than white may impact lumen output; consult factory for more information

<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 5360-9  
Catalog # FADR-SM-940HO-D  
Lumens 4312lm  
Watts 39.1 W  
Efficacy 110 LPW



### Candela Distribution

Vert Angle	Horizontal Angle
0	1684
5	1691
10	1682
15	1656
20	1613
25	1556
30	1485
35	1383
40	1245
45	1087
50	914
55	728
60	543
65	360
70	199
75	119
80	89
85	45
90	4

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6288	6291	6511
55	5188	5204	5467
65	3481	3481	3754
75	1873	1843	1808
85	2122	2034	2149

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 or IAS 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:** Acoustic components are constructed from 12mm PET polyester fiber containing 95% recycled content (60% post-consumer, 35% pre-consumer). Acoustic testing was completed by Riverbank Acoustical Laboratories, detailed reports are available on the Pinnacle website. Acoustic PET felt is durable and easy to maintain. Refer to the installation instructions for care and maintenance information.

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

**Fixture Weight:** SM - 38lbs., MD - 75lbs., LG - 110lbs.

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