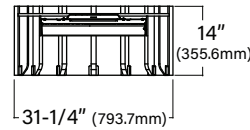




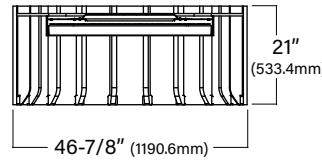
FINA DRUM

Direct/Indirect Suspended Acoustic Round

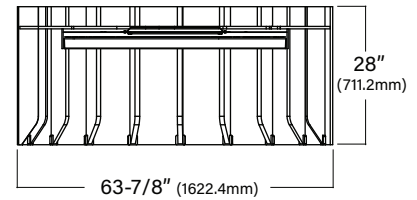
Small (SM)



Medium (MD)



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 Drum 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: SM - 38lbs., MD - 75lbs., LG - 110lbs.
- Lift and shift lens allowing room-side maintenance for LED system
- Buy American Act compliant



Example Part #: FADR-DI-LG-SL-A-935HO-935HO-AH448JB-U-FSD-2-0-W

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

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SIZE	ACOUSTIC COLOR	SHIELDING	DIRECT SOURCE ¹	INDIRECT SOURCE ¹	MOUNTING ²	VOLTAGE	DRIVER	CIRCUITING	BATTERY & EMERGENCY	HOUSING FINISH
SM - Small, 14" x 31-1/4" overall MD - Medium, 21" x 46-7/8" overall LG - Large, 28" x 63-7/8" overall <i>Size pg. 2</i>	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>		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 (120 thru 277V) 1 - 120V 2 - 277V 3 - 347V <i>Voltage pg. 4</i>	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) EE1 - eldoLED ECOdrive (1%, 0-10v) ES1 - eldoLED SOLOdrive (0.1%, 0-10v) LH1 - Lutron Hi-lume (1%, EcoSystem) <i>Driver pg. 5</i>			
INDIRECT SOURCE ¹	MOUNTING ²	VOLTAGE	DRIVER	CIRCUITING	BATTERY & EMERGENCY	HOUSING FINISH				
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>				1 - Single Circuit 2 - Dual Circuit (direct/indirect only) E - Emergency (entire fixture) N - Night Light (entire fixture) <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. 6</i>				

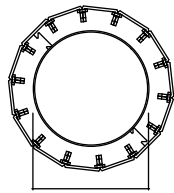
¹When specifying SOURCE use the ending ___ are for specifying output, example **HO** - High Output. See Source section on page 2 for all outputs. ²When specifying include length of cable/pendant than either JB or ST for mounting type. Example: AC348JB. AC3 = 3 Aircraft Cables, 48 = 48" long cables, JB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



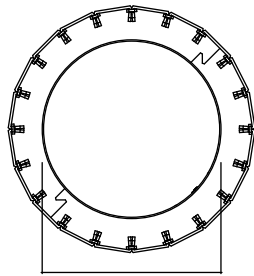
Size

Small (SM)



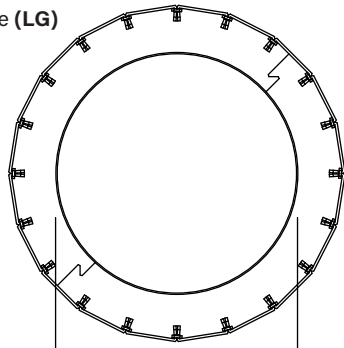
Fina Light Engine
21-15/16" (557.7mm)

Medium (MD)



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

Large (LG)



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

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

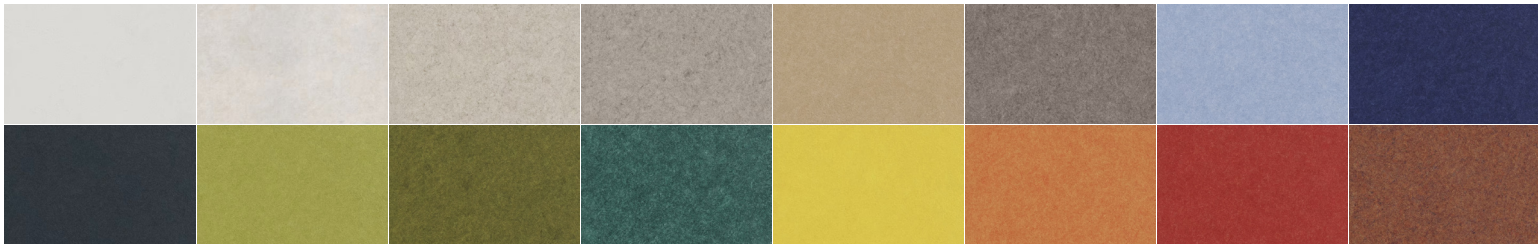
CLASSIC CONTRAST

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

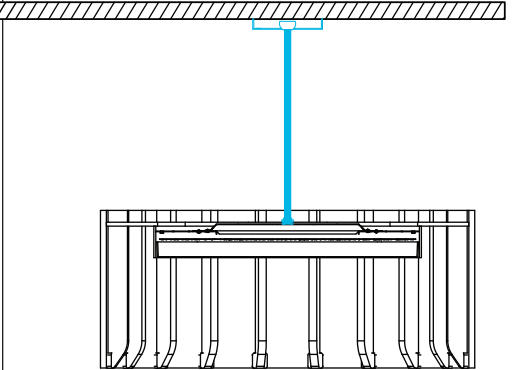
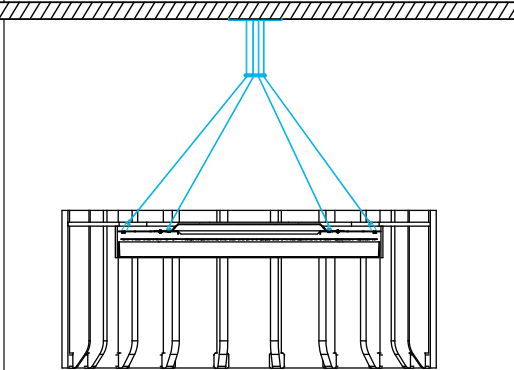
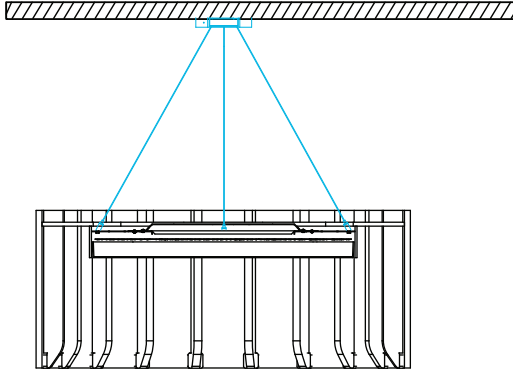
	Color	Shielding								
		SM - Small Clear Lens Overlay			MD - Medium Clear Lens Overlay			LG - Large Clear Lens Overlay		
		Lumens	Watts	LPW	Lumens	Watts	LPW	Lumens	Watts	LPW
927LO	2700K	1473	102	14.4	2891	27.6	105	4351	40.5	107
927MO	2700K	2165	101	21.4	4250	41.3	103	6397	61.8	103
927HO	2700K	2812	98	28.6	5519	56.2	98	8306	83.9	99
930LO	3000K	1551	108	14.4	3045	27.6	110	4582	40.5	113
930MO	3000K	2282	107	21.4	4478	41.3	108	6740	61.8	109
930HO	3000K	2962	104	28.6	5815	56.2	103	8751	83.9	104
935LO	3500K	1607	111	14.4	3154	27.6	114	4747	40.5	117
935MO	3500K	2364	111	21.4	4641	41.3	112	6984	61.8	113
935HO	3500K	3071	107	28.6	6027	56.2	107	9070	83.9	108
940LO	4000K	1650	114	14.4	3239	27.6	117	4875	40.5	120
940MO	4000K	2427	113	21.4	4763	41.3	115	7169	61.8	116
940HO	4000K	3151	110	28.6	6185	56.2	110	9308	83.9	111



Mounting

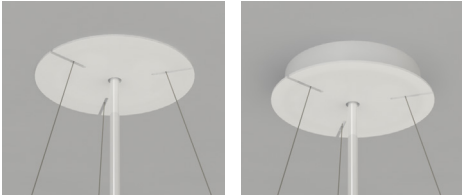
- Aircraft cables and pendants mount directly to a standard junction box or structure
- Canopies and pendants match fixture finish, power cords are white or black depending on fixture finish. See Finish section for additional details.
- Must specify overall AC cable length, for SM size: 48", 120" or 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"
- Maximum fixture weight: SM - 38lbs., MD - 75lbs., LG - 110lbs.

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

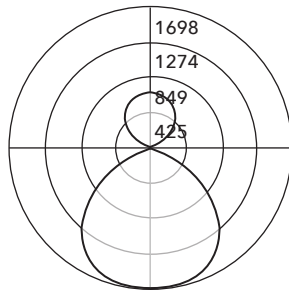
- Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish; consult factory for chip of standard paint finishes
- Selecting a fixture finish other than white may impact lumen output; consult factory for more information

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 5360-9 & 5360-3
Catalog #	FADR-DI-SM-A-940HO-940LO
Lumens	5962 lm
Watts	53.2 W
Efficacy	112 LPW



Candela Distribution

Vert Angle	Horizontal Angle
0	1684
5	1691
15	1656
25	1556
35	1383
45	1087
55	728
65	360
75	119
85	45
90	4
95	3
105	57
115	144
125	282
135	422
145	525
155	609
165	666
175	694
180	696

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. 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 listed. Approved for dry location unless otherwise noted.

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

Buy American Act compliant

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