



Specifications

SHADES	9mm thick Sola Felt is a PET material, manufactured with 50% post-consumer recycled content. Sola Felt is a LBC Red List Free labeled product, eligible for LEED, Living Building Challenge, and other green building certification credits. Frosted acrylic diffuser tube with removable acrylic bottom diffuser at bottom (for changing optic kits or relamping E26 version). Contact your local sales rep for material samples.	MOUNTING	Canopy mounts to 4" octagonal junction box or appropriate alternative. Adjustable stainless steel aircraft cable, contact studio for lengths over 20'.
CONSTRUCTION	1/16" 3form Varia. White Opal top and bottom difuser. Contact your local rep for material samples.	WARRANTY	5 year warranty on all standard components. LED system rated for operation in ambient environments up to 25°C. Suitable for Dry or Damp locations. Indoor use only
LIGHTING	Solid state LED system 120v-277v input 0-10v dimming compatible	CERTIFICATION	CSA certified to CSA C22.2 No. 250.0, and conforms to UL standard 1598.
LUMEN MAINTENANCE	Reported: L90: >55,000 hours Calculated: L70: >180,000 hours L80: >120,000 hours <i>EPA TM21 calculator derived</i>	CLEANING & CARE	The best way to remove airborne debris and dust from shades is to periodically vacuum. A Swiffer sheet or feathered duster can also be used for light dusting. To treat liquid stains, remove spills immediately with a clean damp cotton cloth or with detergent soap and warm water. Carpet and fabric cleaners can usually be used. Always test an inconspicuous area before applying cleaners to the actual stain.
PHOTOMETRICS	Consult factory or website for IES files, tested in accordance with IESNA LM79.		
HARDWARE	TGIC-free powder coat. Stainless steel cables with nickel-plated cable gripper allows for adjustable hanging height. Made with RoHS compliant parts.		



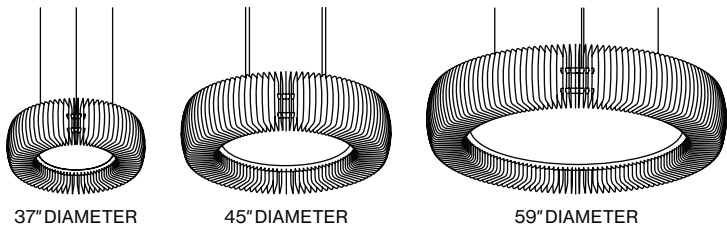
Acoustic Dial

Fixture Options

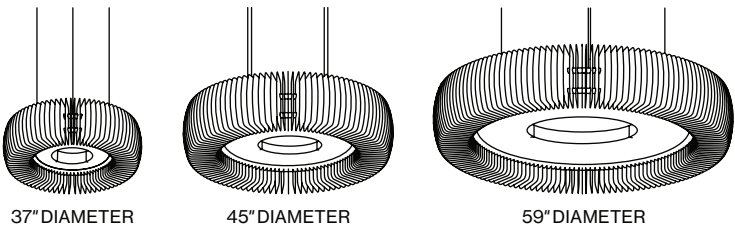
ACOUSTIC COLLECTION

DIMENSIONS All pendants have a 11.5" Height.

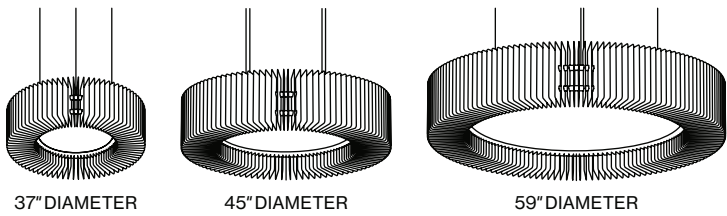
FIN STYLE A CLOSED



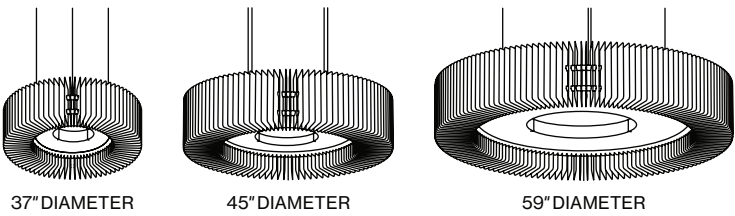
FIN STYLE A OPEN



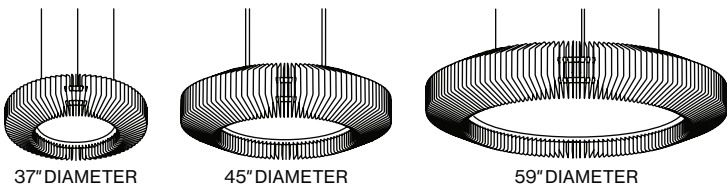
FIN STYLE B CLOSED



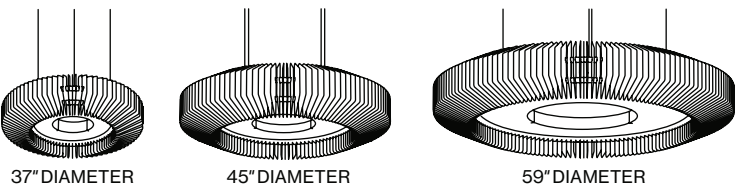
FIN STYLE B OPEN



FIN STYLE C CLOSED

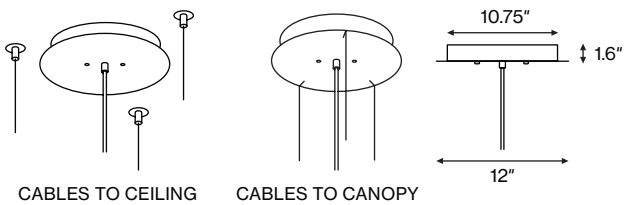


FIN STYLE C OPEN

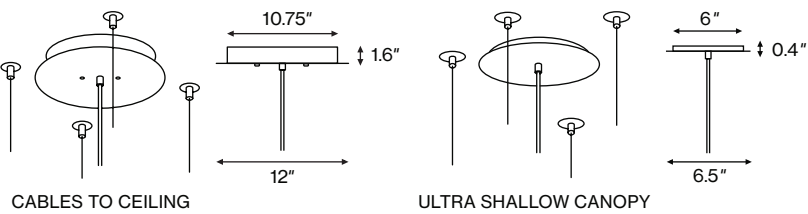


CEILING CONNECTIONS

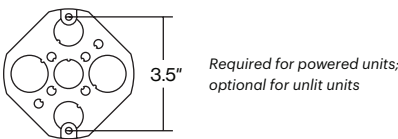
37" DIAMETER Available in both Recessed and Surface Mount canopies. For recessed canopy, cut 11" dia hole and recess j-box or mounting structure by 1.5".



45" DIAMETER | 59" DIAMETER 7000+ lumens available only with Ultra Shallow Canopy.



4" OCTAGONAL JUNCTION BOX (BY OTHERS)



CANOPY/DRESS PLATE FINISH OPTIONS



Acoustic Dial

Fixture Options

ACOUSTIC COLLECTION

VARIA COLORS OPTIONS OPTIONS



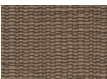
NATURAL



GESSO



SILKEN
OYSTER



CINDER



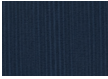
CUSTOM



VITAMIN C



CRANBERRY
X2



WIZARD



MIDCENTURY
ROSEWOOD

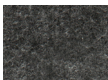


FELT COLOR & PATTERN OPTIONS

COLOR OPTIONS



EBONY



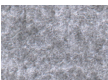
CAST



MINERAL



STEEL



ARMOR



NICKEL



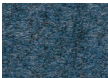
ZINC



NIGHTFALL



ADMIRAL



DUSK



STEELBLUE



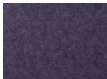
PLATINUM



OCHRE



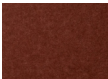
MUSTARD



LILAC



BURGUNDY



CINNAMON



SAFFRON



JASPER



ARIES



CITRINE



EMERALD



SILT



DRIFTWOOD



DUNE



VANILLA

PATTERN OPTIONS



WALNUT



IRON OAK



CARMEL OAK

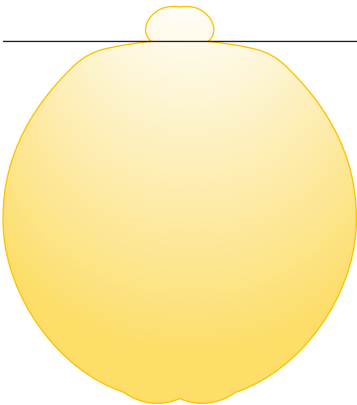


RICH BAMBOO



LIGHT DISTRIBUTION OPTIONS

Consult factory or lightart.com for IES files, tested in accordance with IESNA LM79



SIDE VIEW

LIGHT DISTRIBUTION

Based on measurement data

COLOR TEMPERATURE / CRI	MULTIPLIER
2700K / 80	0.98
2700K / 90	0.93
3000K / 80	1.02
3000K / 90	0.97
3500K / 80	1.00
3500K / 90	1.00
4000K / 80	1.08
4000K / 90	1.03

OUTPUT MULTIPLIERS INSTRUCTIONS

Adjusted Value = $L_1 \times C_m$ where:

L_1 = (Lumen output at 3500K / 90 CRI) ×

C_m = (Color Temp. / CRI Multiplier) ×

Example:

850LM / 3000K / 80CRI

(850) × (1.02) = 789LM

PERFORMANCE – ACOUSTIC DIAL 37"

Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM)	INPUT POWER (W/FT)	EFFICACY (LM/W)
1001	10.99	91.10
1999	22.56	88.60
3000	34.93	85.90
4001	48.15	83.10
5002	62.27	80.30
5999	77.43	77.50
7000	93.76	74.70

PERFORMANCE – ACOUSTIC DIAL 45"

Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM)	INPUT POWER (W/FT)	EFFICACY (LM/W)
1000	10.85	92.20
2001	22.03	90.80
3001	33.61	89.30
4001	45.62	87.70
5002	58.07	86.10
6002	70.98	84.60
7004	84.41	83.00
8002	98.39	81.30
8998	112.86	79.70
9998	128.03	78.10
10998	143.90	76.40
11998	160.42	74.80

PERFORMANCE – ACOUSTIC DIAL 59"

Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM)	INPUT POWER (W/FT)	EFFICACY (LM/W)
1006	10.80	93.10
1999	21.61	92.50
3005	32.74	91.80
3997	43.85	91.20
5003	55.30	90.50
5996	66.76	89.80
7002	78.58	89.10
7994	90.39	88.40
9000	102.52	87.80
10006	114.87	87.10
10998	127.32	86.40
12004	140.12	85.70
12998	152.93	85.00
14016	166.38	84.20
15008	179.62	83.60
16016	193.33	82.80
17008	207.03	82.20
18012	221.26	81.40
19008	235.47	80.70
20012	250.23	80.00



SABINS PER FIXTURE *Equivalent square feet of perfect absorption*

CENTER FREQUENCY (HZ)	59" DIAMETER 150 FINS	45" DIAMETER 106 FINS	37" DIAMETER 80 FINS
100	5.51	1.57	2.00
125	12.42	5.99	3.25
160	5.31	3.80	3.63
200	5.18	3.87	3.51
250	7.74	4.56	4.09
315	11.45	8.92	7.00
400	15.64	11.29	9.26
500	23.62	16.96	13.73
630	24.47	18.60	14.62
800	25.51	18.95	15.88
1000	29.09	21.65	17.17
1250	31.19	22.52	18.28
1600	33.72	23.96	19.29
2000	36.10	25.44	20.13
2500	36.56	26.12	20.89
3150	36.80	26.61	21.28
4000	37.40	26.98	21.74
5000	37.13	26.92	21.45
AVERAGE OF 250, 500, 1000, 2000 HZ	24.14	17.15	13.78
NRC PER FIXTURE (CIRCULAR FOOTPRINT)	2.30	3.50	5.20
EQUIVALENT SQ FT OF ACT (NRC 0.90)	26.82	19.06	15.31
EQUIVALENT SQ FT OF ACT (NRC 0.70)	34.48	24.50	19.69

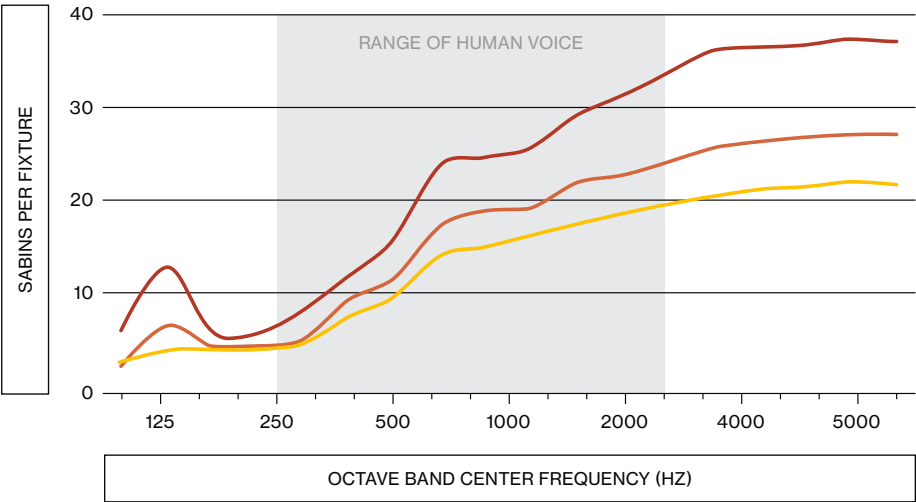
Absorption

NRC per Fixture: 1.20
Absorption per Fixture: 7.59–15.50 Sabins

Average of values taken at 250, 500, 1000, and 2000 Hz

The acoustic testing of Dial was conducted at NVLAP accredited laboratories and meets ISO 354 and ASTM C423. Formal test reports are available upon request.

- 59 DIA 150 FINS
- 45 DIA 106 FINS
- 37 DIA 80 FINS



Acoustic Dial

Part Number Specification

ACOUSTIC COLLECTION

SPECIFICATION CODE Example: 2 QTY ACC-SHPE-DIAL-45DOC-A-OC-SO-OCH-STD-940CK-11000LM-P01-WPC-WH-CCL

QTY. ACC-SHPE-DIAL - - - - - - - - - - - -

1 2 3 4 5 6 7 8 9 10 11

Complete form to order Acoustic Dial fixture(s). For each number, make one selection and enter in the corresponding box above.
*Indicates modified choices; additional lead times and/or costs may apply.

1 DIAMETER / DRUM STYLE 2 STYLE All fins 11.5" in height

☐ 37DOC	37" DIAMETER, OPEN CENTER	☐ A	☐ STYLE A	☐ STYLE B	☐ STYLE C
☐ 45DOC	45" DIAMETER, OPEN CENTER	☐ B			
☐ 59DOC	59" DIAMETER, OPEN CENTER	☐ C			
☐ 37DSD	37" DIAMETER, SOLID CENTER				
☐ 45DSD	45" DIAMETER, SOLID CENTER				
☐ 59DSD	59" DIAMETER, SOLID CENTER				

3 MATERIAL

☐ GO	☐ GESSO	☐ VC	☐ VITAMIN C
☐ NL	☐ NATURAL	☐ WZ	☐ WIZARD
☐ CR	☐ CINDER	☐ MCR	☐ MIDCENTURY ROSEWOOD
☐ SO	☐ SILKEN OYSTER	☐ CUST	☒ CUSTOM COLOR
☐ CB2	☐ CRANBERRY X2		

4 FELT COLOR

COLOR OPTIONS				PATTERN OPTIONS			
☐ EB	☐ EBONY	☐ EM	☐ EMERALD	☐ LC	☐ LILAC	☐ DWA	☐ WALNUT
☐ NF	☐ NIGHTFALL	☐ BU	☐ BURGUNDY	☐ AD	☐ ADMIRAL	☐ IOK	☐ IRON OAK
☐ CA	☐ CAST	☐ CI	☐ CINNAMON	☐ DK	☐ DUSK	☐ WA	☐ CARMEL OAK
☐ SLT	☐ SILT	☐ JP	☐ JASPER	☐ STB	☐ STEELBLUE	☐ BA	☐ RICH BAMBOO
☐ ML	☐ MINERAL	☐ SF	☐ SAFFRON	☐ PT	☐ PLATINUM		
☐ STL	☐ STEEL	☐ OCH	☐ OCHRE	☐ DW	☐ DRIFTWOOD		
☐ AR	☐ ARMOR	☐ MU	☐ MUSTARD	☐ DN	☐ DUNE		
☐ NI	☐ NICKEL	☐ AS	☐ ARIES	☐ VL	☐ VANILLA		
☐ ZN	☐ ZINC	☐ CT	☐ CITRINE				

CONTINUE TO NEXT PAGE TO COMPLETE SPECIFICATION

CONTINUE SPECIFICATION

4 SUSPENSION

- ☐ STD 12" – 96"
- ☐ EXT 12" – 240"

5 LED CRI / CCT

- | | | | |
|--------------------------------|----------------|--------------------------------|----------------|
| ☐ 827CK | 80 CRI / 2700K | ☐ 927CK | 90 CRI / 2700K |
| ☐ 830CK | 80 CRI / 3000K | ☐ 930CK | 90 CRI / 3000K |
| ☐ 835CK | 80 CRI / 3500K | ☐ 935CK | 90 CRI / 3500K |
| ☐ 840CK | 80 CRI / 4000K | ☐ 940CK | 90 CRI / 4000K |
| | | ☐ TW | TUNABLE WHITE |

6 OUTPUT

- | | | | |
|----------------------------------|---|----------------------------------|---|
| ☐ 1000LM | 1000 LM | ☐ 11000LM | 11000 LM 59"D Open Center Max Standard Output |
| ☐ 2000LM | 2000 LM | ☐ 12000LM | 12000 LM 45"D Solid Center Max Standard Output |
| ☐ 3000LM | 3000 LM 37"D Open Center Max Tunable White | ☐ 13000LM | 13000 LM 59"D Solid Center Max EM Battery and Tunable White |
| ☐ 4000LM | 4000 LM 37"D Open Center Max Standard Output, and EM Battery | ☐ 14000LM | 14000 LM |
| ☐ 5000LM | 5000 LM 45"D Open Center Max Standard Output, EM Battery, and Tunable White | ☐ 15000LM | 15000 LM |
| ☐ 6000LM | 6000 LM 37"D - 45" D Solid Center 59"D Open Center Max EM Batt and TW | ☐ 16000LM | 16000 LM |
| ☐ 7000LM | 7000 LM 37" D Solid Center Max Standard Output | ☐ 17000LM | 17000 LM |
| ☐ 8000LM | 8000 LM | ☐ 18000LM | 18000 LM |
| ☐ 9000LM | 9000 LM | ☐ 19000LM | 19000 LM |
| ☐ 10000LM | 10000 LM | ☐ 20000LM | 20000 LM 59"D Solid Center Max Standard Output |
| | | ☐ CU* | CUSTOM OUTPUT |

lm

7 DIMMING AND CONTROLS

- ☐ P01 0–10V 1% DIMMING
- ☐ LEC* HI-LUME 1% ECOSYSTEM LED DRIVER SOFT ON, FADE TO BLACK (LDE1 SERIES)
- ☐ EBM 0–10V 1% DIMMING INTEGRATED EM BATTERY OPTION
*Max Lumen output limited—consult LightArt.
Not available with Tunable White.*
- ☐ DALI DALI CONTROL

8 CANOPY OPTIONS

- ☐ WPC WHITE
- ☐ BPC BLACK
- ☐ RWPC RECESSED WHITE
- ☐ RBPC RECESSED BLACK

9 POWER CORD

- ☐ WH WHITE
- ☐ BK BLACK

10 CABLE CONNECTION

- ☐ CCL CABLES TO CEILING
- ☐ CCN CABLES TO CANOPY
Only Available on 37"Diameter—consult LightArt.

*Indicates modified choices; additional lead times and/or costs may apply.

