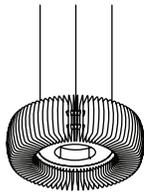


Acoustic Dial Open Fixture Options

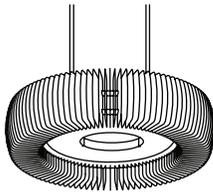
ACOUSTIC COLLECTION

DIMENSIONS All pendants have a 11.5" Height.

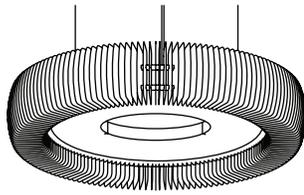
FIN STYLE A



37" DIAMETER
27LBS

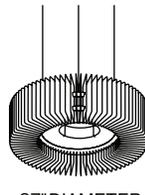


45" DIAMETER
39LBS

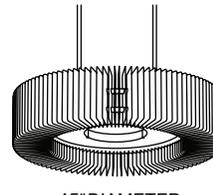


59" DIAMETER
65LBS

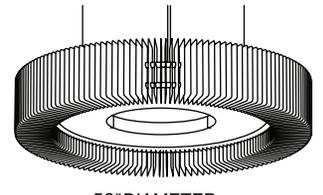
FIN STYLE B



37" DIAMETER
27LBS

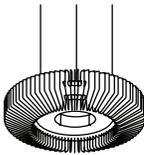


45" DIAMETER
39LBS

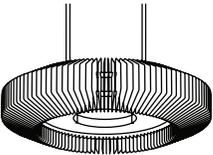


59" DIAMETER
65LBS

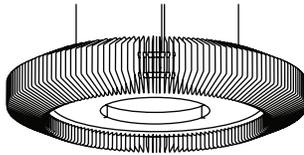
FIN STYLE C



37" DIAMETER
27LBS



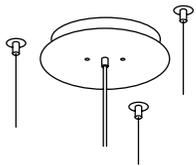
45" DIAMETER
39LBS



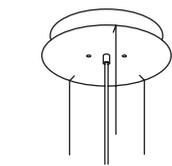
59" DIAMETER
65LBS

CEILING CONNECTIONS

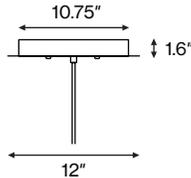
37" DIAMETER Available in both Recessed and Surface Mount canopys. For recessed canopy, cut 11" dia hole and recess j-box or mounting structure by 1.5".



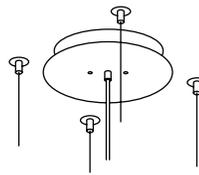
CABLES TO CEILING



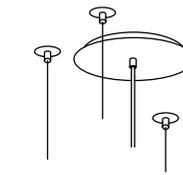
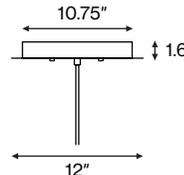
CABLES TO CANOPY



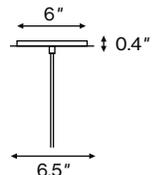
45" DIAMETER | 59" DIAMETER 7000+ lumens available only with Ultra Shallow Canopy.



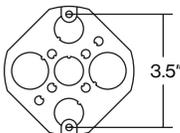
CABLES TO CEILING



ULTRA SHALLOW CANOPY



4" OCTAGONAL JUNCTION BOX (BY OTHERS)

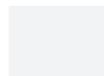


Required for powered units;
optional for unlit units

CANOPY/DRESS PLATE FINISH OPTIONS



BLACK



WHITE

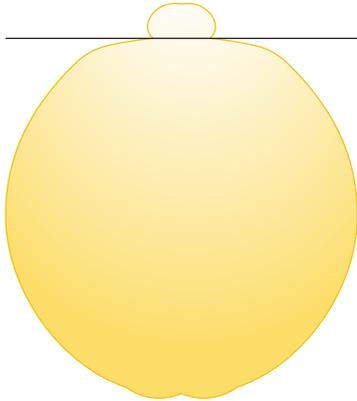
Acoustic Dial Open

Lighting Details

ACOUSTIC COLLECTION

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

$(850) \times (1.02) = 789LM$



Acoustic Dial Open Lighting Details

ACOUSTIC COLLECTION

PERFORMANCE – ACOUSTIC DIAL 37"

Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM)	INPUT POWER (W)	EFFICACY (LM/W)
1000	13.85	72.20
2000	28.83	69.40
3000	46.33	64.80
4000	66.48	60.20

PERFORMANCE – ACOUSTIC DIAL 45"

Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM)	INPUT POWER (W)	EFFICACY (LM/W)
1000	12.78	90.00
2000	25.96	86.70
3000	40.51	83.30
4000	56.33	79.90
5000	90.82	74.30
6000	90.82	74.30

PERFORMANCE – ACOUSTIC DIAL 59"

Based on 3500K / 90CRI / Standard Distribution

NOMINAL LUMEN OUTPUT (LM)	INPUT POWER (W)	EFFICACY (LM/W)
1000	11.19	102.70
2000	39.55	101.10
3000	33.92	99.50
4000	45.97	97.90
5000	58.42	96.30
6000	71.33	94.60
7000	84.74	46.50
8000	49.33	91.20
9000	56.55	89.50
10000	64.07	87.80
11000	71.90	86.10



Acoustic Dial Open

Acoustic Details

ACOUSTIC COLLECTION

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

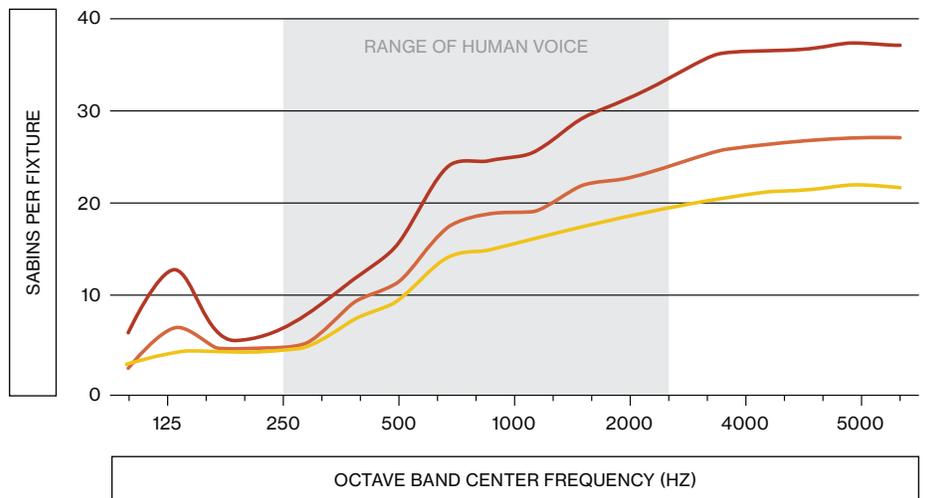
Absorption

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.

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



Acoustic Dial Open

Part Number Specification

ACOUSTIC COLLECTION

CONTINUE SPECIFICATION

4 SUSPENSION

- STD 12" – 96"
- EXT 12" – 240"

5 LED CRI / CCT

- | | | | |
|--------------------------------|----------------|--------------------------------|--|
| <input type="checkbox"/> 827CK | 80 CRI / 2700K | <input type="checkbox"/> 927CK | 90 CRI / 2700K |
| <input type="checkbox"/> 830CK | 80 CRI / 3000K | <input type="checkbox"/> 930CK | 90 CRI / 3000K |
| <input type="checkbox"/> 835CK | 80 CRI / 3500K | <input type="checkbox"/> 935CK | 90 CRI / 3500K |
| <input type="checkbox"/> 840CK | 80 CRI / 4000K | <input type="checkbox"/> 940CK | 90 CRI / 4000K |
| | | <input type="checkbox"/> TW | TUNABLE WHITE
<i>Driver selection limited to P01 and DALI</i> |

6 OUTPUT

- 1000LM 1000 LM
- 2000LM 2000 LM
- 3000LM 3000 LM 37"D Max Tunable White
- 4000LM 4000 LM 37"D Max Standard Output, and EM Battery
- 5000LM 5000 LM 45"D Max Standard Output, EM Battery, and Tunable White
- 6000LM 6000 LM

- 7000LM 7000 LM 59"D Max EM Batt and TW
- 8000LM 8000 LM
- 9000LM 9000 LM
- 10000LM 10000 LM
- 11000LM 11000 LM 59"D Open 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 the 37D and 45D fixtures—Hang Height must exceed 12" minimum.

*Indicates modified choices; additional lead times, cost, and limited lumen outputs may apply.

