

# Acoustic Dial Solid

Overview

ACOUSTIC COLLECTION



## Specifications

|                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SHADES</b><br><br>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. | <b>HARDWARE</b><br><br>TGIC-free powder coat. Stainless steel cables with nickel-plated cable gripper allows for adjustable hanging height. Made with RoHS compliant parts.                                                                                                                                                                                                                                                                              |
| <b>CONSTRUCTION</b><br><br>1/16" 3form Varia. White Opal top and bottom difuser. 9mm thick PET felt manufactured with 50% post-consumer recycled content. Contact your local rep for material samples.                                                                                                                                                                                                                                                  | <b>MOUNTING</b><br><br>Canopy mounts to 4" octagonal junction box or appropriate alternative. Adjustable stainless steel aircraft cable, contact studio for lengths over 20'.                                                                                                                                                                                                                                                                            |
| <b>LIGHTING</b><br><br>Solid state LED system<br>120v-277v input<br>0-10v dimming compatible                                                                                                                                                                                                                                                                                                                                                            | <b>WARRANTY</b><br><br>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                                                                                                                                                                                                                                                                |
| <b>LUMEN MAINTENANCE</b><br><br>Reported: L90: >55,000 hours<br>Calculated: L70: >180,000 hours<br>L80: >120,000 hours<br>EPA TM21 calculator derived                                                                                                                                                                                                                                                                                                   | <b>CERTIFICATION</b><br><br>CSA certified to CSA C22.2 No. 250.0, and conforms to UL standard 1598.                                                                                                                                                                                                                                                                                                                                                      |
| <b>PHOTOMETRICS</b><br><br>Consult factory or website for IES files, tested in accordance with IESNA LM79.                                                                                                                                                                                                                                                                                                                                              | <b>CLEANING &amp; CARE</b><br><br>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. |



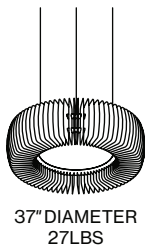
# Acoustic Dial Solid

Fixture Options

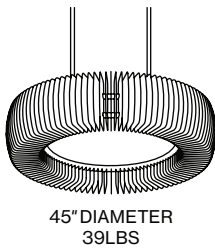
ACOUSTIC COLLECTION

**DIMENSIONS** All pendants have a 11.5" Height.

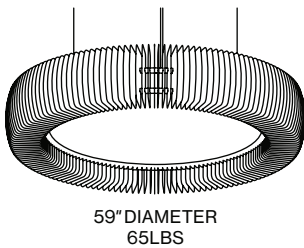
**FIN STYLE A**



37" DIAMETER  
27LBS

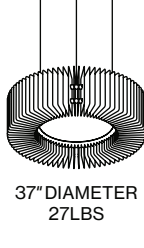


45" DIAMETER  
39LBS

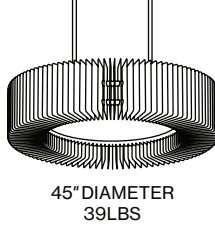


59" DIAMETER  
65LBS

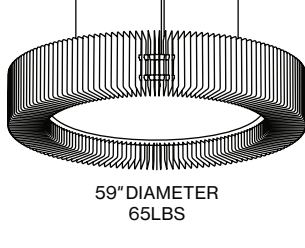
**FIN STYLE B**



37" DIAMETER  
27LBS



45" DIAMETER  
39LBS

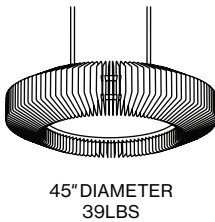


59" DIAMETER  
65LBS

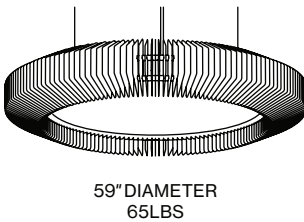
**FIN STYLE C**



37" DIAMETER  
27LBS



45" DIAMETER  
39LBS

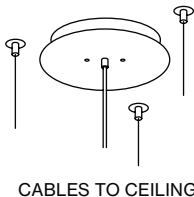


59" DIAMETER  
65LBS

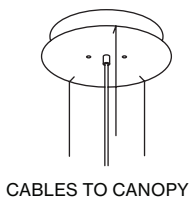
**CEILING CONNECTIONS**

**37" DIAMETER**

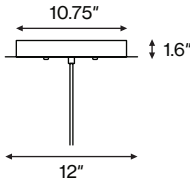
Available in both Recessed and Surface Mount canopies. For recessed canopy, cut 11" dia hole and recess j-box or mounting structure by 1.5".



CABLES TO CEILING

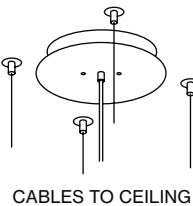


CABLES TO CANOPY

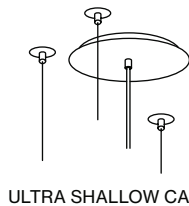
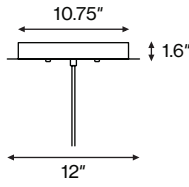


**45" DIAMETER | 59" DIAMETER**

7000+ lumens available only with Ultra Shallow Canopy.

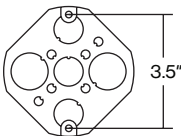


CABLES TO CEILING



ULTRA SHALLOW CANOPY

**4" OCTAGONAL JUNCTION BOX (BY OTHERS)**

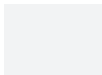


Required for powered units;  
optional for unlit units

**CANOPY/DRESS PLATE FINISH OPTIONS**



BLACK



WHITE



# Acoustic Dial Solid

Fixture Options

ACOUSTIC COLLECTION

## VARIA COLORS OPTIONS OPTIONS



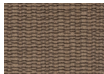
GESO



NATURAL



SILKEN  
OYSTER



CINDER



CUSTOM



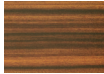
VITAMIN C



CRANBERRY  
X2



WIZARD



MIDCENTURY  
ROSEWOOD

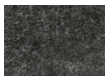


## FELT COLOR & PATTERN OPTIONS

### COLOR OPTIONS



EBONY



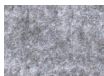
CAST



MINERAL



STEEL



ARMOR



NICKEL



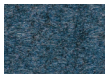
ZINC



NIGHTFALL



ADMIRAL



DUSK



STEELBLUE



PLATINUM



OCHRE



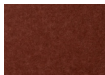
MUSTARD



LILAC



BURGUNDY



CINNAMON



SAFFRON



JASPER



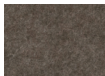
ARIES



CITRINE



EMERALD



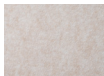
SILT



DRIFTWOOD

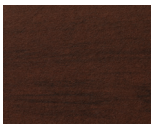


DUNE



VANILLA

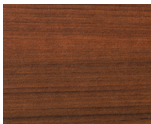
### PATTERN OPTIONS



WALNUT



IRON OAK



CARMEL OAK



RICH BAMBOO



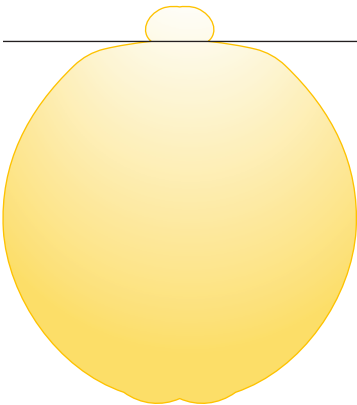
# Acoustic Dial Solid

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

$(850) \times (1.02) = 789\text{LM}$

## PERFORMANCE – ACOUSTIC DIAL 37"

Based on 3500K / 90CRI / Standard Distribution

| NOMINAL LUMEN OUTPUT (LM) | INPUT POWER (W) | EFFICACY (LM/W) |
|---------------------------|-----------------|-----------------|
| 1000                      | 13.24           | 75.50           |
| 2000                      | 26.69           | 74.92           |
| 3000                      | 41.42           | 72.44           |
| 4000                      | 57.13           | 70.01           |
| 5000                      | 74.06           | 67.52           |
| 6000                      | 92.33           | 64.98           |
| 7000                      | 112.02          | 62.49           |



# Acoustic Dial Solid

Lighting Details

ACOUSTIC COLLECTION

PERFORMANCE – ACOUSTIC DIAL 45”  
Based on 3500K / 90CRI / Standard Distribution

| NOMINAL LUMEN OUTPUT (LM) | INPUT POWER (W) | EFFICACY (LM/W) |
|---------------------------|-----------------|-----------------|
| 1000                      | 12              | 82.32           |
| 2000                      | 24.38           | 82.03           |
| 3000                      | 36.33           | 82.58           |
| 4000                      | 49.26           | 81.19           |
| 5000                      | 62.68           | 79.78           |
| 6000                      | 76.55           | 78.39           |
| 7000                      | 90.95           | 76.97           |
| 7150                      | 105.91          | 67.51           |
| 9000                      | 121.44          | 74.11           |
| 10000                     | 137.65          | 72.65           |
| 11000                     | 154.59          | 71.16           |
| 12000                     | 172.12          | 69.72           |

PERFORMANCE – ACOUSTIC DIAL 59”  
Based on 3500K / 90CRI / Standard Distribution

| NOMINAL LUMEN OUTPUT (LM) | INPUT POWER (W) | EFFICACY (LM/W) |
|---------------------------|-----------------|-----------------|
| 1000                      | 11.48           | 87.14           |
| 2000                      | 23.12           | 86.51           |
| 3000                      | 34.16           | 87.82           |
| 4000                      | 45.86           | 87.22           |
| 5000                      | 57.72           | 86.62           |
| 6000                      | 69.74           | 86.03           |
| 7000                      | 81.92           | 85.45           |
| 8000                      | 94.33           | 84.81           |
| 9000                      | 106.87          | 84.21           |
| 10000                     | 119.53          | 83.66           |
| 11000                     | 132.46          | 83.05           |
| 12000                     | 145.58          | 82.43           |
| 13000                     | 158.97          | 81.78           |
| 14000                     | 172.48          | 81.17           |
| 15000                     | 186.21          | 80.55           |
| 16000                     | 200.27          | 79.89           |
| 17000                     | 214.54          | 79.24           |
| 18000                     | 228.93          | 78.63           |
| 19000                     | 243.59          | 78.00           |
| 20000                     | 258.52          | 77.36           |

# Acoustic Dial Solid

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                |

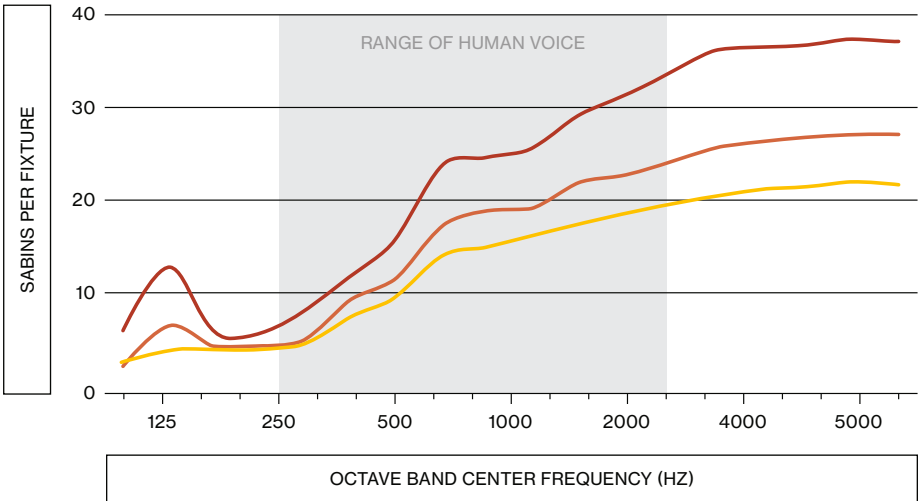
## Absorption

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 Solid

Part Number Specification

ACOUSTIC COLLECTION

## SPECIFICATION CODE

Example: 2 QTY ACC-DIAL-SLD - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

QTY. ACC-DIAL-SLD - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

1 2 3 4 5 6 7 8 9 10 11

Complete form to order Acoustic Dial Closed fixture(s). For each number, make one selection and enter in the corresponding box above.

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

### 1 DIAMETER

- ☐ 37D 37" DIAMETER
- ☐ 45D 45" DIAMETER
- ☐ 59D 59" DIAMETER

### 2 STYLE All fins 11.5" in height

- ☐ A ☐ B ☐ C
- ☐ STYLE A ☐ STYLE B ☐ STYLE C

### 3 MATERIAL

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

### 4 FELT COLOR

#### COLOR OPTIONS

- ☐ EB ☐ NF ☐ CA ☐ SLT ☐ ML ☐ STL ☐ AR ☐ NI ☐ ZN
- ☐ EBONY ☐ NIGHTFALL ☐ CAST ☐ SILT ☐ MINERAL ☐ STEEL ☐ ARMOR ☐ NICKEL ☐ ZINC

- ☐ EM ☐ BU ☐ CI ☐ JP ☐ SF ☐ OCH ☐ MU ☐ AS ☐ CT
- ☐ EMERALD ☐ BURGUNDY ☐ CINNAMON ☐ JASPER ☐ SAFFRON ☐ OCHRE ☐ MUSTARD ☐ ARIES ☐ CITRINE

- ☐ LC ☐ AD ☐ DK ☐ STB ☐ PT ☐ DW ☐ DN ☐ VL
- ☐ LILAC ☐ ADMIRAL ☐ DUSK ☐ STEELBLUE ☐ PLATINUM ☐ DRIFTWOOD ☐ DUNE ☐ VANILLA

#### PATTERN OPTIONS

- ☐ DWA ☐ IOK ☐ WA ☐ BA
- ☐ WALNUT ☐ IRON OAK ☐ CARMEL OAK ☐ RICH BAMBOO

CONTINUE TO NEXT PAGE TO COMPLETE SPECIFICATION

align Declare.



LightArt

206.524.2223 LIGHTART.COM  
4770 OHIO AVE S STE B, SEATTLE, WA 98134

ACOUSTIC DIAL SOLID  
07/16/26 UPDATE 7/8

# Acoustic Dial Solid

Part Number Specification

ACOUSTIC COLLECTION

CONTINUE SPECIFICATION

## 5 SUSPENSION

- ☐ STD 12" – 96"
- ☐ EXT 12" – 240"

## 6 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<br>Driver selection limited to P01 and DALI |

## 7 OUTPUT

- |                                  |                                                                          |                                  |                                   |
|----------------------------------|--------------------------------------------------------------------------|----------------------------------|-----------------------------------|
| <input type="checkbox"/> 1000LM  | 1000 LM                                                                  | <input type="checkbox"/> 11000LM | 11000 LM                          |
| <input type="checkbox"/> 2000LM  | 2000 LM                                                                  | <input type="checkbox"/> 12000LM | 12000 LM 45"D Max Standard Output |
| <input type="checkbox"/> 3000LM  | 3000 LM                                                                  | <input type="checkbox"/> 13000LM | 13000 LM 59"D Max Tunable White   |
| <input type="checkbox"/> 4000LM  | 4000 LM                                                                  | <input type="checkbox"/> 14000LM | 14000 LM                          |
| <input type="checkbox"/> 5000LM  | 5000 LM                                                                  | <input type="checkbox"/> 15000LM | 15000 LM 59"D Max EM Battery      |
| <input type="checkbox"/> 6000LM  | 6000 LM 37"D Max EM Battery and Tunable White                            | <input type="checkbox"/> 16000LM | 16000 LM                          |
| <input type="checkbox"/> 7000LM  | 7000 LM 37"D Max Standard Output; 45" D Max EM Battery and Tunable White | <input type="checkbox"/> 17000LM | 17000 LM                          |
| <input type="checkbox"/> 8000LM  | 8000 LM                                                                  | <input type="checkbox"/> 18000LM | 18000 LM                          |
| <input type="checkbox"/> 9000LM  | 9000 LM                                                                  | <input type="checkbox"/> 19000LM | 19000 LM                          |
| <input type="checkbox"/> 10000LM | 10000 LM                                                                 | <input type="checkbox"/> 20000LM | 20000 LM 59"D Max Standard Output |
|                                  |                                                                          | <input type="checkbox"/> CU*     | CUSTOM OUTPUT                     |

lm

## 8 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

## 9 CANOPY OPTIONS

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

## 10 POWER CORD

- ☐ WH WHITE
- ☐ BK BLACK

## 11 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.



LightArt

206.524.2223 LIGHTART.COM  
4770 OHIO AVE S STE B, SEATTLE, WA 98134

ACOUSTIC DIAL SOLID  
07/16/26 UPDATE 8/8