

Acoustic Ring

Overview

ACOUSTIC COLLECTION



Specifications

SHADES	Lightweight modular acrylic frames clad in 4.5mm thick Sola Felt, 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.	MOUNTING	12–96" Fully adjustable stainless steel aircraft cable (contact LightArt for lengths over 20'). Canopy mounts to 4" octagonal junction box or appropriate alternative.
LIGHTING	Solid State LED System 2700k, 3000k, 3500k, or 4000k Replaceable 120v-277v constant voltage 0-10v dimming compatible 80 & 90 CRI light source 6' 116W 12' 288W 8' 173W 14' 327W 10' 231W 16' 375W <i>Estimated max wattage</i>	CERTIFICATION	CSA approved to UL standards Declare label certified Living Building Challenge compliant Damp rated
HARDWARE	Removable TGIC-free powder coated metal lid and PVC-free power cord. Canopy and dress plate mounts to standard junction box (junction box provided by others). 3/64" stainless steel cables to ceiling. Power cord to canopy.	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.
		WARRANTY	5 year warranty on all standard components.



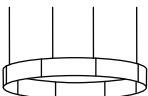
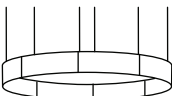
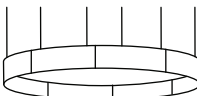
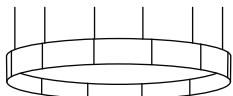

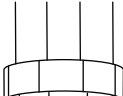
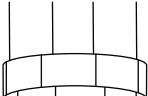
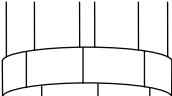
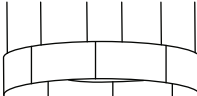
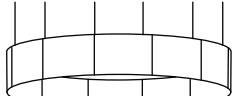
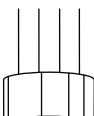
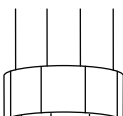
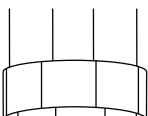
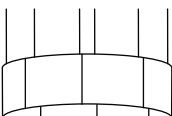
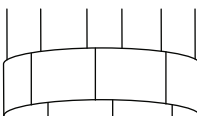
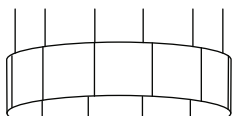
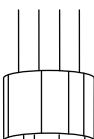
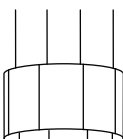
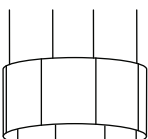
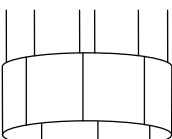
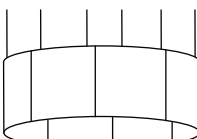
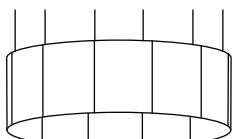


Acoustic Ring

Fixture Options

ACOUSTIC COLLECTION

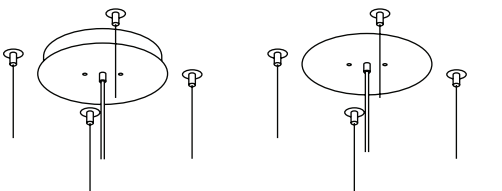
DIMENSIONS

6' DIAMETER	8' DIAMETER	10' DIAMETER	12' DIAMETER	14' DIAMETER	16' DIAMETER
 12"H	 12"H	 12"H	 12"H	 12"H	 12"H
 24"H	 24"H	 24"H	 24"H	 24"H	 24"H
 48"H	 48"H	 48"H	 48"H	 48"H	 36"H
 48"H	 48"H	 48"H	 48"H	 48"H	 48"H

CEILING CONNECTIONS

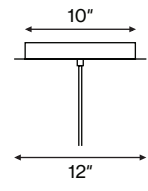
OFFSET JUNCTION BOX

For recessed canopy, cut 11" dia hole and recess j-box or mounting structure by 1.5"




SURFACE MOUNTED **RECESSED**


4" OCTAGONAL JUNCTION BOX (BY OTHERS)



Required for powered units;
optional for unlit units

CANOPY/DRESS PLATE FINISH OPTIONS

**BLACK**

**WHITE**

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

Declare.

Sola Felt, Clario, Hush Clad, and Tetra Acoustic Solutions 3form

Final Assembly: Soli Lake City, Utah, USA
Life Expectancy: 20+ years
End of Life Options: Recycle/Reuse in its entirety, take back program (limited), Soli Lake City, Utah
EU CoC Screened: Does Not Contain

Ingredients:
polyethylene terephthalate, 3-
hydroxypropyl isocyanate, titanium dioxide, carbon black, gypsum, fire retardant

Living Building Challenge Criteria: Compliant

100% Red List:
● 100% Red List Free 1% Disallowed: 100% at 100ppm
○ 100% Red List Approved VOC Content: Not Applicable
○ 100% Red List Approved

100% Interior Performance: CRIH Standard Method v10 2006
100% Responsible Sourcing: Not Applicable

TECH 0002
2024-01-01
SCREENED: 27 SEP 2021
Original Issue Date: 2018

INTERNATIONAL LIVING FUTURE MATERIALS™ <https://livingfuture.com>

align **Declare.**

Red List Free Ingredients

TITLE 24



SABINS PER FIXTURE Equivalent square feet of perfect absorption

CENTER FREQUENCY (HZ)	8'DIA 36"H RING	12'DIA 48"H RING
100	45.78	75.66
125	42.23	78.52
160	43.49	78.06
200	43.47	94.48
250	56.25	124.79
315	75.51	139.31
400	85.33	154.86
500	91.10	181.17
630	93.93	185.89
800	90.18	186.82
1000	85.61	177.37
1250	75.90	167.58
1600	80.00	174.25
2000	84.53	182.65
2500	85.70	185.99
3150	89.40	192.36
4000	91.27	196.45
5000	94.38	205.62
AVERAGE OF 250, 500, 1000, 2000	78.96	162.93
EQUIVALENT SQ FT OF ACT (NRC 0.90)	87.70	181.00

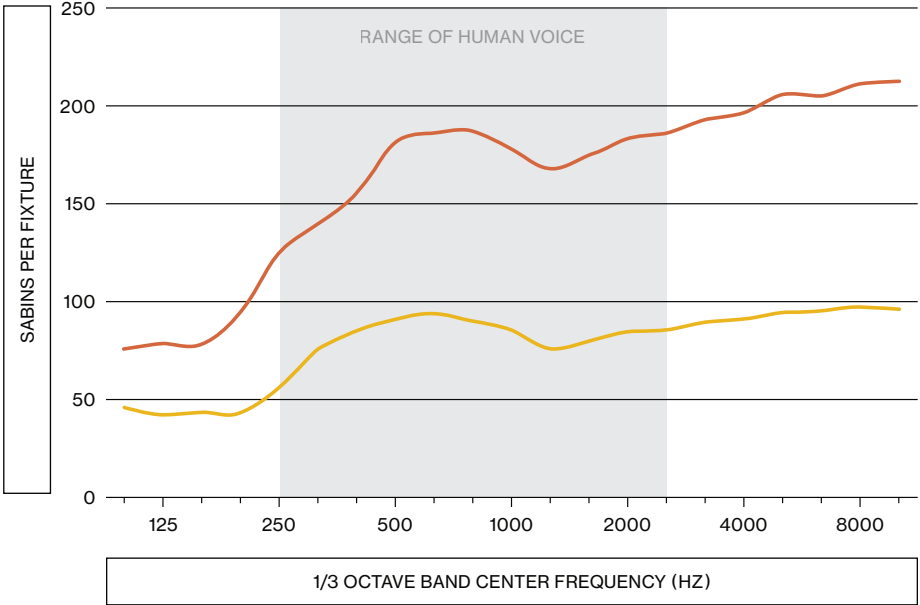
Absorption

NRC per Fixture: 0.85–1.00*
Average of values taken at
250, 500, 1000, and 2000 Hz

The NRC of felt depends on its configuration.
LightArt fixtures utilize deep airspaces and
multiple layers to keep NRC ratings high for
all exposed felt surfaces.

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

- 12'DIA 48H RING
- 8'DIA 36H RING



Acoustic Ring

Part Number Specification

ACOUSTIC COLLECTION

SPECIFICATION CODE

Example: 2 QTY ACC-SHPE-RING-10D-24H-PT-STD-830CK-BPC-BK

ACC-SHPE-RING-

-

-

-

-

-

-

-

QTY.

1

2

3

4

5

6

7

Complete form to order Acoustic Ring 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

Nominal

6D

6' DIAMETER

8D

8' DIAMETER

10D

10' DIAMETER

12D

12' DIAMETER

14D

14' DIAMETER

16D

16' DIAMETER

2

HEIGHT

Nominal

12H

12" HEIGHT

24H

24" HEIGHT

36H

36" HEIGHT

48H

48" HEIGHT

3

FELT COLOR

COLOR OPTIONS

EB

EBONY

NF

NIGHTFALL

CA

CAST

SLT

SILT

ML

MINERAL

STL

STEEL

AR

ARMOR

NI

NICKEL

ZN

ZINC

EM

EMERALD

BU

BURGUNDY

CI

CINNAMON

JP

JASPER

SF

SAFFRON

OCH

OCHRE

MU

MUSTARD

AS

ARIES

CT

CITRINE

LC

LILAC

AD

ADMIRAL

DK

DUSK

STB

STEELBLUE

PT

PLATINUM

DW

DRIFTWOOD

DN

DUNE

VL

VANILLA

PATTERN OPTIONS

DWA

WALNUT

IOK

IRON OAK

WA

CARMEL OAK

BA

RICH BAMBOO

4

SUSPENSION

STD

12" - 96"

EXT*

24" - 240"

5

LED CRI / CCT

830CK

80 CRI / 3000K

835CK

80 CRI / 3500K

840CK

80 CRI / 4000K

927CK

90 CRI / 2700K

930CK

90 CRI / 3000K

935CK

90 CRI / 3500K

6

CANOPY OPTIONS

WPC

WHITE

BPC

BLACK

RWPC

RECESSED WHITE

RBPC

RECESSED BLACK

7

POWER CORD

WH

WHITE

BK

BLACK

Cord finish will match canopy,
unless otherwise specified

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

