

Lumenwerx 

Arq Acoustix

ENVIRONMENTALLY SOUND





Arq Acoustix

Light and sound solutions work in concert in the Arq Globe Acoustix, Arq Flair Acoustix, and Arq Aera Acoustix luminaires, the three pendants that compose our Arq Acoustix product line. Sleek and minimalist in form, they deliver quality illumination with shades made of felt created from recycled bottles, a material that not only absorbs sound and reduces reverberation, but also exudes warmth and adds a tactile dimension to the lighting experience.

The Arq Globe is lit fully with our Isotropic Radiant Optic™ (IRO™) distributing light smoothly and evenly in all directions, thereby avoiding undesirable hotspots. The Arq Flair uses an artistic diffuser for soft-glowing direct or direct/indirect distribution, while the Arq Aera benefits from Lumenwerx's XPoint™ Refraction Technology, offering direct or direct/indirect distribution with precise optical control.

3 MODELS

Arq Globe, Arq Flair
and Arq Aera

1 SIZE

24" Diameter

DISTRIBUTIONS

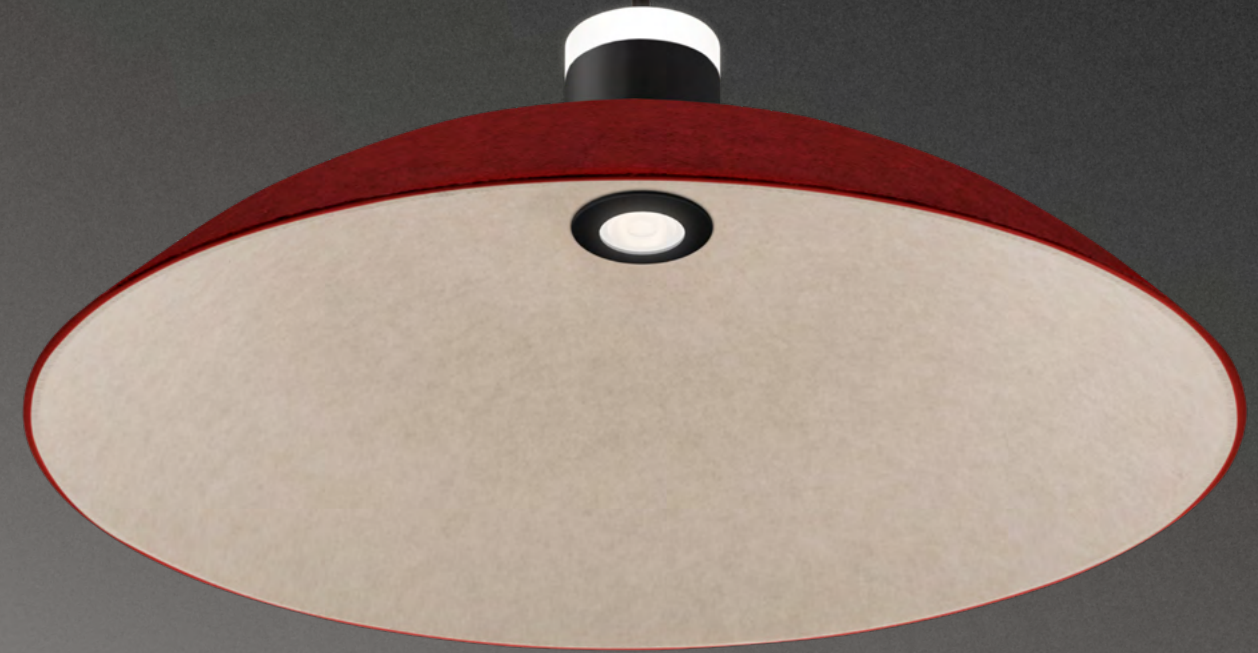
Direct (Arq Globe)
Direct, Direct/Indirect
(Arq Flair, Arq Aera)

FELT SHADES

4 Color Combinations



Arq Aera Acoustix
Felt Combination: Cherry and Sand





One Archetype, Three Variations



ARQ FLAIR

Incorporates a cylindrical diffuser for a contemporary look and feel.



ARQ GLOBE

Exudes vintage vibes with its exposed bulbous Globe light.



ARQ AERA

Brings uplight, downlight and sustainable acoustic solutions



Arq Aera Acoustix
Felt Combination: Latte and Sand



Arq Aera brings **uplight**, **downtight** and **sustainable acoustic solutions** to the table



Quiet Places in Open Spaces

From being integrated into an existing noisy setting to inspiring the esthetic vocabulary of an entirely new interior space, Arq Acoustix luminaires bring a cozy minimalism to every place they inhabit.

Increased
Noise Control

UP TO
113 lm/W
Performance



Arq Globe Acoustix
Felt Combination: Latte and Sand
Globe Diameter: 6"



Arq Globe Acoustix
Above:
Felt Combination: Cherry and Sand
Globe Diameter: 6"

Below:
Felt Combination: Latte and Sand
Globe Diameter: 8"

Arq Flair Acoustix
Felt Combination: Midnight Blue and Cloudy



Design simplicity
+ elegant proportions =
Arq Flair



Arq Flair Acoustix
Felt Combination: Latte and Sand



Treading Lightly on our Planet

Arq Acoustix luminaires are made with sound absorbing textiles created from recycled plastic bottles. Extending the life of these materials means reducing landfill pollution, which can threaten not only our health, but that of our planet as well.

Each Arq Acoustix luminaire manufactured represents a quantifiable amount of reduced waste that would have gone to polluting landfills

Sustainable
Acoustic Control



Overview

Arq

DISTRIBUTIONS

ARQ FLAIR
Direct and Direct/ Indirect

ARQ GLOBE
Direct

ARQ AERA
Direct and Direct/Indirect

COLOR RENDERING OPTIONS

80, 90, 95 CRI

MOUNTING CABLE LENGTHS

24 in, 36 in, 48 in

COLOR TEMPERATURES

2700K

4000K

3000K

Full Spectrum

3500K

OPTICS

ARQ FLAIR
Artistic Diffuser

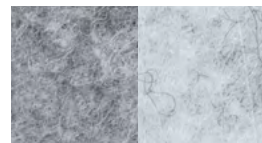
ARQ GLOBE
Isotropic Radiant Optic™ (IRO™)

ARQ AERA
XPoint™ Refraction Technology

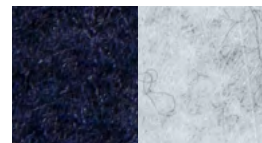
SIZES

24 in diameter

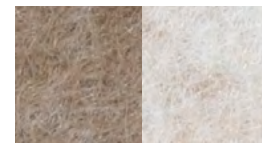
COLOR COMBINATIONS



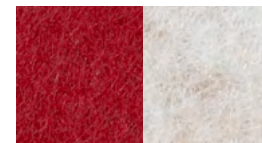
Outside Fog
Inside Cloudy



Outside Midnight blue
Inside Cloudy



Outside Latte
Inside Sand



Outside Cherry
Inside Sand



Arq Flair Acoustix
Felt Combination: Fog and Cloudy



Arq Globe Acoustix
Felt Combination: Latte and Sand
Globe Diameter: 8"



Acoustic Calculator

Developed in conjunction with acousticians, the Lumenwerx Acoustix Value Formula (LAVF) is a simple math equation that uses a ratio to determine acoustic needs. In the LAVF we took assumptions that one wall would be glass, three walls and the ceiling are gypsum board and the flooring is concrete. The basis of the equation mimics a poorly performing acoustic space. By applying the ratios, we can determine how many luminaires are required for "Good", "Better" or "Best" acoustic performance, using the standard ceiling height of 9 feet and 4 foot luminaires.

For advanced calculations please contact your regional sales manager. We have a team of trained experts that will be happy to assist you.

- ☺ **Good: Reverberation time is reduced by 25%**
- ☺☺ **Better: Reverberation time is reduced by 40%**
- ☺☺☺ **Best: Reverberation time is reduced by 50%**

Lumenwerx Acoustix Value Calculator Table

PRODUCTS	DIAMETER	Room dimensions under 300 sq ft			Room dimensions over 300 sq ft		
		GOOD ☺	BETTER ☺☺	BEST ☺☺☺	GOOD ☺	BETTER ☺☺	BEST ☺☺☺
Arq Flair	24"	25	14	11	39	22	17
Arq Globe	24"						
Arq Aera	24"						

Lumenwerx Acoustix Value Formula

1. Calculate the square feet of your room (length x width)
2. Select your luminaire
3. Choose the level of acoustic improvement you are looking for and select the associated Acoustix Value:
☺ **GOOD** ☺☺ **BETTER** ☺☺☺ **BEST**
4. Use the Lumenwerx Acoustix Value Formula

$$\text{Square Feet} \div \text{Value} = \text{Number of luminaires needed in the room}$$

* Lumenwerx acoustic calculators were developed to act as a guide. For precise acoustic performance in a space, please consult an acoustician.



ACOUSTIX COLLECTION
BROCHURE



ARQ COLLECTION
ONLINE

