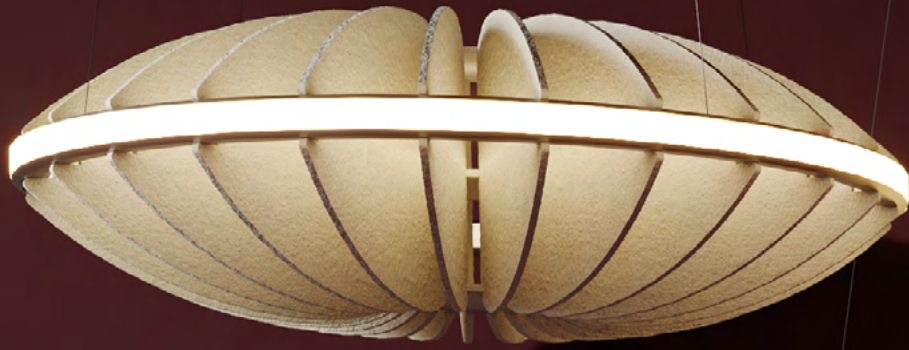


Lumenwerx 



Folia Acoustix

ARTFUL LIGHTING FOR QUIETER SPACES
AND A CLEANER PLANET





Folia Acoustix

Inspired by Nature

The four luminaires that make up our Folia Acoustix product line—Folia Bellis, Folia Calla, Folia Calla Shallow, and Folia Dahlia—were designed to not only deliver quality illumination, but also to reduce sound reverberation and act as decorative elements in interior settings.

Composed of numerous layers of sound absorbing materials created from recycled bottles, the voluminous fixtures are graced with an esthetic inspired by the shapes and forms of the botanical world. Unlit during the day, they appear as visually rich sculptural mobiles, but come nighttime, the dynamic luminaires transform into glowing celestial bodies.

4 MODELS

Folia Bellis, Folia Calla,
Folia Calla Shallow,
Folia Dahlia

3 SIZES

24", 36", 48" Diameter

DISTRIBUTIONS

Outward
& Outward/Inward



Folia Dahlia, 24" and 36"



Quality Illumination and **Reduced Sound** Reverberation



Folia Acoustix



FOLIA BELLIS



FOLIA CALLA



FOLIA CALLA SHALLOW



FOLIA DAHLIA



Folia Calla and Folia Bellis, 36"

Functional
and Decorative



Achieving Quieter Surroundings

The plump nature of each of the Folia Acoustix luminaires gives them more sound-absorption capacity than that of the typical rectilinear acoustic lighting fixture. The use of vertical blades allows for the luminaires to reduce the noise further by at least 30% over conventional decorative acoustic products.

Increased
Noise Control

UP TO
90 lm/W
Performance





Lightening our Collective Environmental Footprint

Folia 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 Folia Acoustix luminaire manufactured represents a specific quantity of reduced waste that would have gone to polluting landfills

Sustainable
Acoustic Control



Folia Bellis, 24" and 36"



Overview

Folia

DISTRIBUTION		COLOR RENDERING OPTIONS		SIZES (DIAMETER)	
Outward Outward/ Inward		90 CRI		24 in, 36 in, 48 in	
COLOR TEMPERATURES		OPTICS		MOUNTING CABLE LENGTHS	
<ul style="list-style-type: none"> 2700K 3000K 3500K 4000K 	<ul style="list-style-type: none"> Sola Duo Quadro 	Uniform Lambertian Optic (ULO)		<ul style="list-style-type: none"> 24 in 36 in 48 in 	
STANDARD COLORS			PREMIUM COLORS		
<ul style="list-style-type: none"> Frost White Lavender Fog Latte True Black 	<ul style="list-style-type: none"> Iron Plum Midnight Blue Cherry Forest Green 	<ul style="list-style-type: none"> Blush Ivory Café Lichen Lime Cloudy Evergreen 	<ul style="list-style-type: none"> Greige Espresso Blueberry Orange Graphite Carbon Steel 	<ul style="list-style-type: none"> Charcoal Navy Sky Paprika Lemon 	
MADERA COLORS		NEW			
<ul style="list-style-type: none"> Natural Oak Beech 	<ul style="list-style-type: none"> Teak Grey Ash 				



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.



COMPLETE ACOUSTIX
BROCHURE



FOLIA COLLECTION
ONLINE

