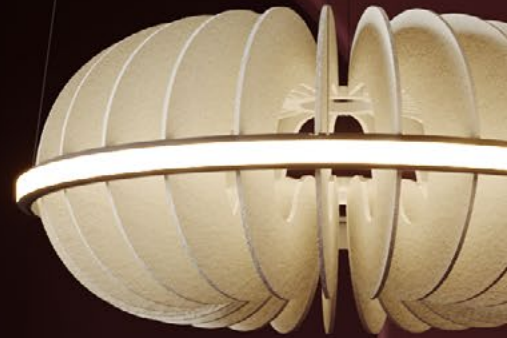
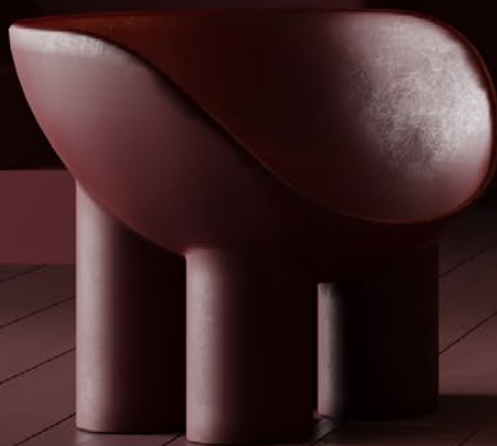


Lumenwerx 



# 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 aesthetic 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 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

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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"> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #fff9c4; border: 1px solid #ccc; margin-right: 5px;"></span> 2700K</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #fff176; border: 1px solid #ccc; margin-right: 5px;"></span> 3000K</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #fff9c4; border: 1px solid #ccc; margin-right: 5px;"></span> 3500K</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #e0f2f1; border: 1px solid #ccc; margin-right: 5px;"></span> 4000K</li> </ul>	<ul style="list-style-type: none"> <li> Sola</li> <li> Duo</li> <li> Quadro</li> </ul>	Uniform Lambertian Optic (ULO)		<ul style="list-style-type: none"> <li>24 in</li> <li>36 in</li> <li>48 in</li> </ul>	
STANDARD COLORS			PREMIUM COLORS		
<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #e0e0e0; border: 1px solid #ccc; margin-right: 5px;"></span> Frost White</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #9575cd; border: 1px solid #ccc; margin-right: 5px;"></span> Lavender</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #90a4ae; border: 1px solid #ccc; margin-right: 5px;"></span> Fog</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #a1887f; border: 1px solid #ccc; margin-right: 5px;"></span> Latte</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #212121; border: 1px solid #ccc; margin-right: 5px;"></span> True Black</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #424242; border: 1px solid #ccc; margin-right: 5px;"></span> Iron</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #4b0082; border: 1px solid #ccc; margin-right: 5px;"></span> Plum</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #000080; border: 1px solid #ccc; margin-right: 5px;"></span> Midnight Blue</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #d32f2f; border: 1px solid #ccc; margin-right: 5px;"></span> Cherry</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #006400; border: 1px solid #ccc; margin-right: 5px;"></span> Forest Green</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #c07040; border: 1px solid #ccc; margin-right: 5px;"></span> Blush</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #fff9c4; border: 1px solid #ccc; margin-right: 5px;"></span> Ivory</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #9e9e9e; border: 1px solid #ccc; margin-right: 5px;"></span> Café</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #7092a8; border: 1px solid #ccc; margin-right: 5px;"></span> Lichen</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #4db6ac; border: 1px solid #ccc; margin-right: 5px;"></span> Lime</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #bdbdbd; border: 1px solid #ccc; margin-right: 5px;"></span> Cloudy</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #008080; border: 1px solid #ccc; margin-right: 5px;"></span> Evergreen</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #424242; border: 1px solid #ccc; margin-right: 5px;"></span> Greige</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #212121; border: 1px solid #ccc; margin-right: 5px;"></span> Espresso</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #3949ab; border: 1px solid #ccc; margin-right: 5px;"></span> Blueberry</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #ff9800; border: 1px solid #ccc; margin-right: 5px;"></span> Orange</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #424242; border: 1px solid #ccc; margin-right: 5px;"></span> Graphite</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #424242; border: 1px solid #ccc; margin-right: 5px;"></span> Carbon</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #424242; border: 1px solid #ccc; margin-right: 5px;"></span> Steel</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #212121; border: 1px solid #ccc; margin-right: 5px;"></span> Charcoal</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #000080; border: 1px solid #ccc; margin-right: 5px;"></span> Navy</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #0070c0; border: 1px solid #ccc; margin-right: 5px;"></span> Sky</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #c00000; border: 1px solid #ccc; margin-right: 5px;"></span> Paprika</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #fff176; border: 1px solid #ccc; margin-right: 5px;"></span> Lemon</li> </ul>	
MADERA COLORS		<b>NEW</b>			
<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #d2b48c; border: 1px solid #ccc; margin-right: 5px;"></span> Natural Oak</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #e69d00; border: 1px solid #ccc; margin-right: 5px;"></span> Beech</li> </ul>	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #8b4513; border: 1px solid #ccc; margin-right: 5px;"></span> Teak</li> <li><span style="display: inline-block; width: 10px; height: 10px; border-radius: 50%; background-color: #696969; border: 1px solid #ccc; margin-right: 5px;"></span> Grey Ash</li> </ul>				



# 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  
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