

# POLINA

A brand of **D legrand** 

# POLINA

An acoustical luminaire that transforms spaces with architectural grade lighting, superior sound mitigation, and a sophisticated geometric form.

Polina's distinctive, soft-cornered hexagonal shape transcends styles and trends, and shines as a standalone pendant, a luminous ceiling array, or dynamic wall clusters.

The white domed reflector diffuses illumination from the delicate light engine, delivering up to 2850 lumens, while the silver-gray exterior complements a wide variety of interiors.

With ceiling and wall mounting options plus an unlit acoustic companion for enhanced sound control - Polina brings beauty and stellar performance to open spaces.

### SOFT-CORNERED HEXAGONAL SHAPE WITH PINCHED EDGE

Nestles into ceiling and wall arrays and provides a differentiated aesthetic

### **TRICORE™ ACOUSTIC CONSTRUCTION**

The patent-pending TriCore<sup>™</sup> technology is designed to outperform PET felt. The multi-layered construction provides superior sound absorption over a wide range of frequencies.

Contains up to 28% post-consumer recycled content, 100% recyclable.

### WHITE REFLECTOR

Provides optimal indirect lighting and a diffuse glow

### **NEUTRAL GRAY EXTERIOR**

Complements various interiors and disappears in open ceilings

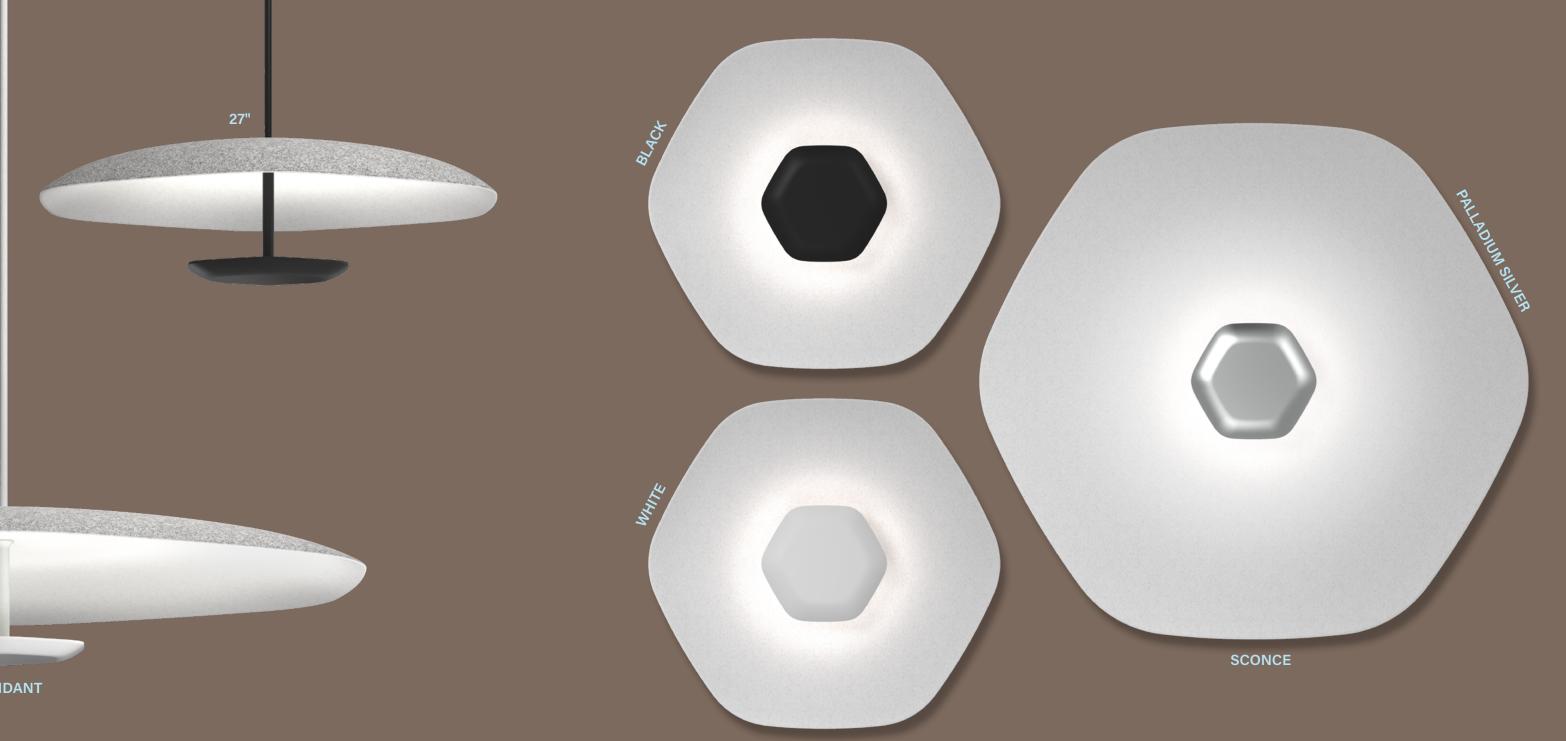
**POWERFUL, MINIMALISTIC** LIGHT ENGINE

Delivers 500 to 2850 lumens

## **FORM & FUNCTION**

Engineered with our lighting-first approach, Polina is a light-forward acoustic luminaire that pairs high-performance lighting with superior sound mitigation. Use Polina as a standalone pendant to establish vignettes of light in individual focal areas. Combine the 27-inch and 42-inch diameter units in unique cluster for large-scale vertical or horizontal statements, or to create stunning arrays that extend from ceiling to wall.

Available as a pendant with field-cuttable stem and a wall sconce, Polina easily adapts to various environments. White, black, and silver light engines, canopies, and stems blend or stand out in multiple décors, the choice is yours.



42"

PENDANT

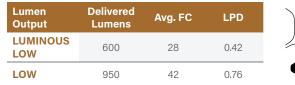


## **OPTIMAL LIGHTING & ACOUSTICS**

### 42" PENDANTS - 36" x 42" on-center luminaire spacing

The lowest lumen output of 600 lumens delivers 28 foot-candles on the work plane on average.





#### SPACING GUIDELINES

For even spacing between staggered rows of pendants as shown, the spacing along a line is dependent on the distance between the centerline of the rows, D.

The spacing along a line should be 2sqrt(3)D/3~1.155\*D

eg: D = 36", 2sqrt(3)(36")/3 = 41.54"

С	LPD	
	0.42	D 36.00"
	0.76	

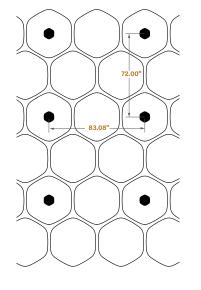
### 42" PENDANTS - 72" x 83" on-center luminaire spacing

The lumen output of 2335 lumens delivers 32 foot-candles on the work plane on average.



Lumen Output	Delivered Lumens	Avg. FC	LPD
MEDIUM	1685	23	0.37
HIGH	2335	32	0.51
МАХ	2850	40	0.61

With almost total ceiling coverage, 100% of the sound is captured either directly or indirectly.





Lumen Output
MEDIUM
HIGH
MAX



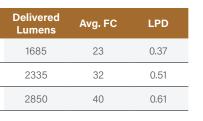
98% of the sound is captured either directly in the shade, or indirectly after reflecting off the ceiling to the back of the domed shade.

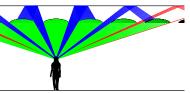
\*Foot-candles based on average workplane illuminance. Light loss factor (LLF): 0.85. Reflectances: 80/50/20. Luminaire suspension: 12 ft. AFF.

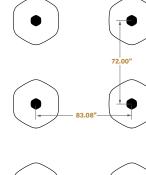
Whether tightly grouped to create a glowing ceiling or spaced out as wide as eight feet on-center, Polina outperforms traditional PET felt acoustical baffles while procuring ample ambient lighting.

### 42" PENDANTS - 72" x 83" on-center luminaire spacing

The lumen output of 2335 lumens delivers 32 foot-candles on the work plane on average.







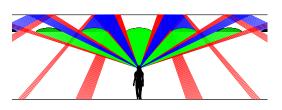


### 42" PENDANTS - 96" x 83" on-center luminaire spacing

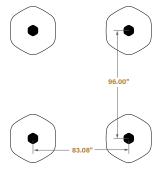
The lumen output of 2850 lumens delivers 30 foot-candles on the work plane on average.



Lumen Output	Delivered Lumens	Avg. FC	LPD
HIGH	2335	25	0.38
MAX	2850	30	0.46



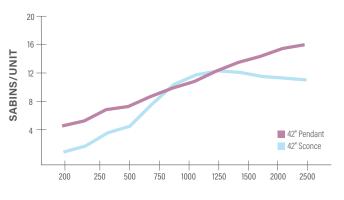
83% of the sound is captured either directly in the shade, or indirectly after reflecting off the ceiling to the back of the domed shade.





### PERFORMANCE

Polina's proprietary TriCore<sup>™</sup> acoustic construction performs admirably, exceeding the performance of traditional PET felt.



FREQUENCY (Hz) - SPEECH RANGE

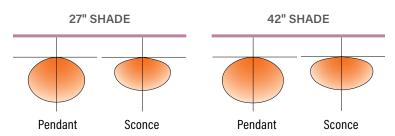


Polina's sleek and minimal light engine delivers up to 2850 lumens of indirect light and has an efficacy of up to 136 lumens per watt, providing comfortable ambient illumination in color temperatures ranging from 2700K to 4000K.

### LIGHTING PERFORMANCE

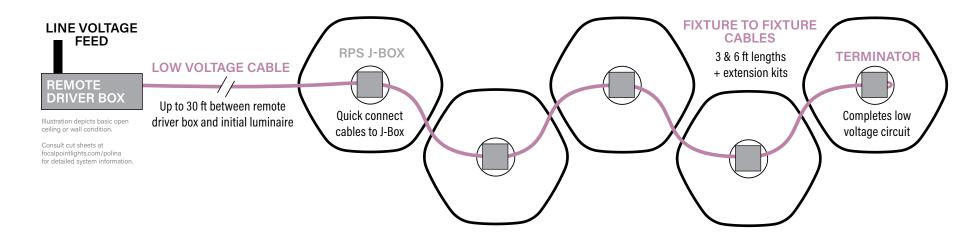
Lumen Output	Shade Size	Mounting	Delivered Lumens	LPW
	27"	Pendant	500	114
LUMINOUS		Sconce	460	105
LOW	42"	Pendant	600	136
		Sconce	480	109
	27"	Pendant	870	110
LOW		Sconce	720	91
LOW	42"	Pendant	950	120
		Sconce	760	96
	27"	Pendant	1550	101
MEDIUM		Sconce	1285	83
MEDIOW	42"	Pendant	1685	109
		Sconce	1350	88
	27"	Pendant	2150	101
HIGH		Sconce	1780	84
nian	42"	Pendant	2335	110
		Sconce	1870	88
	27"	Pendant	2630	104
MAX		Sconce	2180	87
	42"	Pendant	2850	113
	42	Sconce	2285	91

Based on 3500K, 80CRI. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.



### **REMOTE POWER SYSTEM**

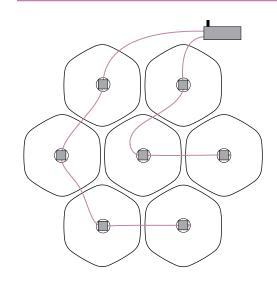
A flexible remote power distribution system allows multiple fixtures to be connected to a single power drop, reducing electrical complexity and streamlining installation.



### **REMOTE POWER SYSTEM OFFERING**

Lumen Output	Luminaires per remote box	Drivers per remote box
	1-19	1
LUMINOUS LOW	20-38	2
LOW	1-11	1
LOW	12-22	2
MEDUIM	1-5	1
MEDIUM	6-10	2
	1-4	1
HIGH	5-8	2
MAX	1-3	1
WIAA	4-6	2

SYSTEM EXAMPLE

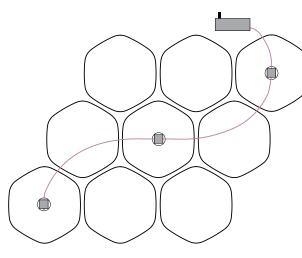


### SYSTEM COMPONENTS

- 1 Remote Power System
- 7 Polina Acoustic Pendant/Sconce



### **OFFICE LOUNGE - MIXED PENDANT INSTALLATION**

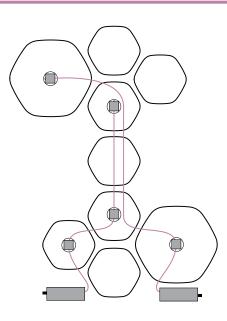


### SYSTEM COMPONENTS

- 1 Remote Power System
- 3 42" Polina Acoustic Pendant
- 6 42" Polina Acoustic Unlit Pendant

Also pictured: 27" Polina Acoustic Pendant with mini power canopy

### CAFÉ - MIXED WALL INSTALLATION



### SYSTEM COMPONENTS

- 1 Remote Power System (42" output)
- 2 42" Polina Acoustic Sconce
- 1 Remote Power System (27" output)
- 3 27" Polina Acoustic Sconce
- 4 27" Polina Acoustic Unlit Wall Mount

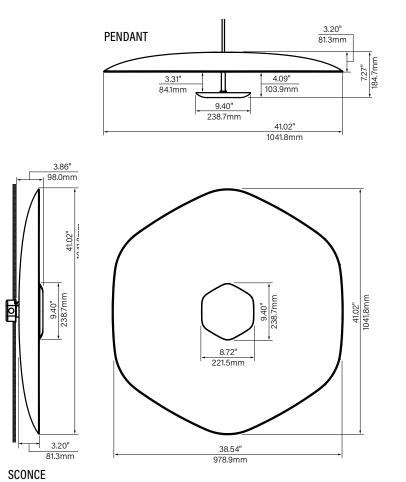
To match shade illuminance when pairing 27" and 42" shades together drop the 27" shade output down one lumen level.

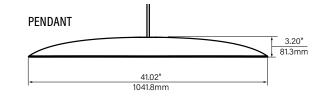
Luminaires of different lumen outputs require dedicated remote power systems in order to supply the correct power to the luminaires.



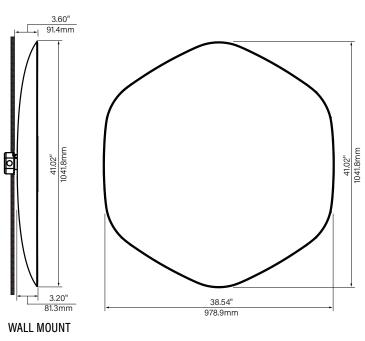
### **SPECIFICATIONS & OPTIONS**

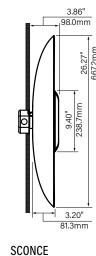






**42" ACOUSTIC UNLIT** 

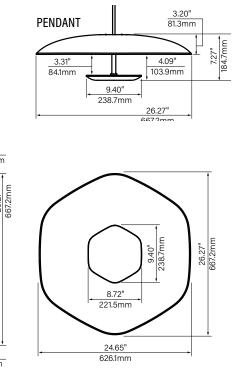




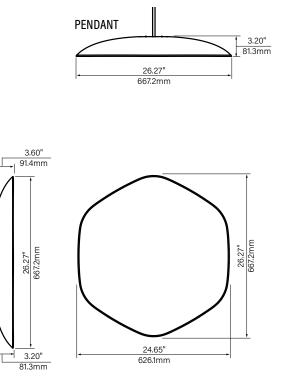
CANOPIES



### **27" ACOUSTIC LUMINAIRES**



### **27" ACOUSTIC UNLIT**



WALL MOUNT

đ



### Mini Power Canopy

Ideal for single pendant installations. Individual units only.



#### Shallow Canopy

Pendant remote power systems. Unlit pendant mounting.

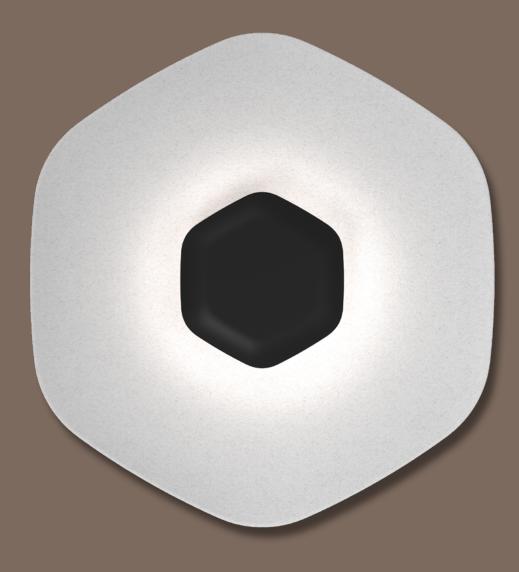
### HOUSING/CANOPY/STEM COLORS



Black

White

Palladium Silver





### FOCAL POINT® Brinaina It All To Liaht



©2025 Focal Point, LLC. 4141 S. Pulaski Road, Chicago, IL 60632 | T 773.247.9494 | www.focal.pointlights.com. All rights reserved. "Focal Point," "Poilina", "TriCore", "Bringing It All To Light" and the light-ray graphic are trademarks or registered trademarks of Focal Point, LLC. Visit focalpointlights.com for specifications and other details on our entire Focal Point catalog.