



FOCAL POINT®

Bringing It All To Light®



POLINA™

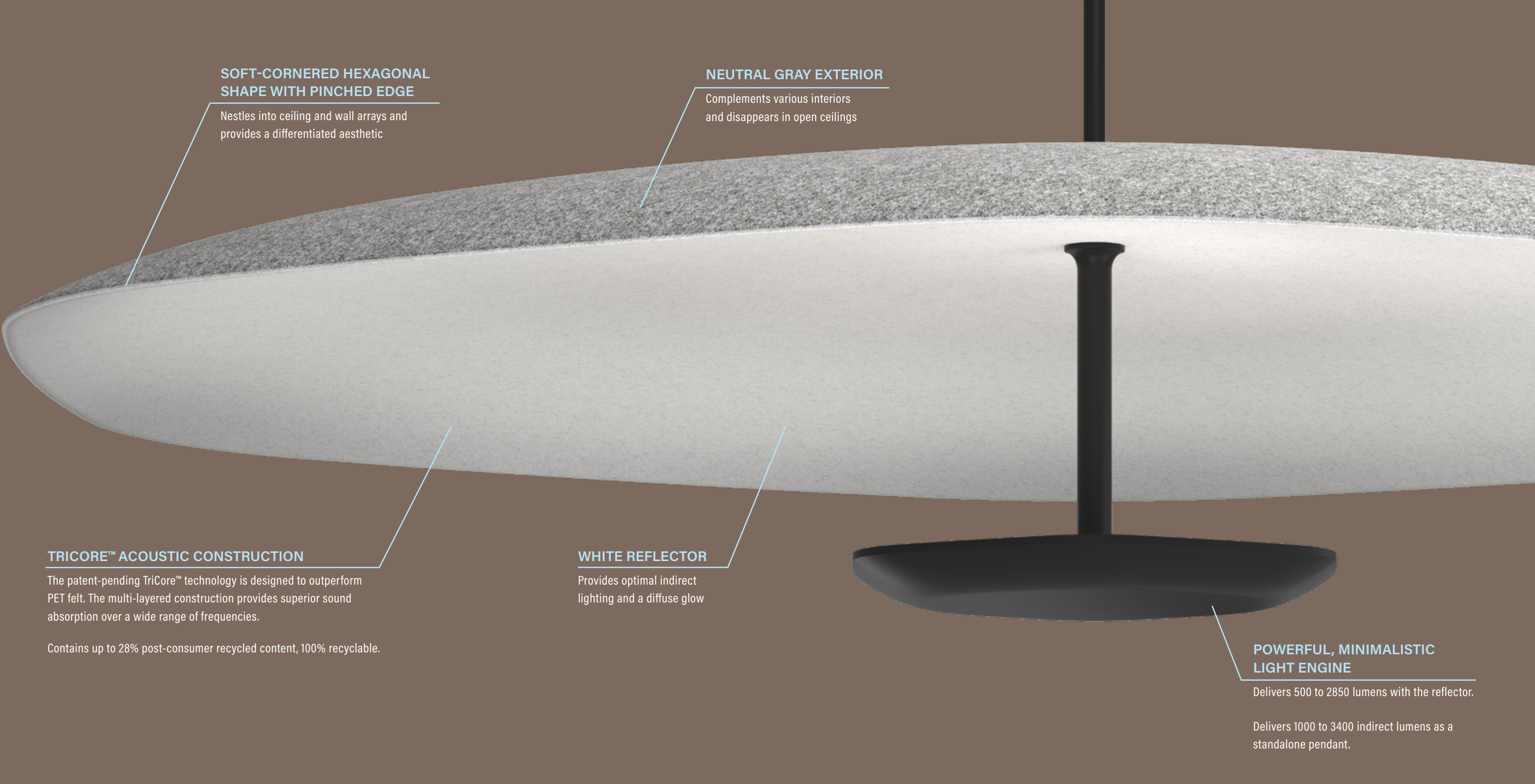
POLINA™

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

NEUTRAL GRAY EXTERIOR

Complements various interiors and disappears in open ceilings

TRICORE™ ACOUSTIC CONSTRUCTION

The patent-pending TriCore™ 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

**POWERFUL, MINIMALISTIC
LIGHT ENGINE**

Delivers 500 to 2850 lumens with the reflector.

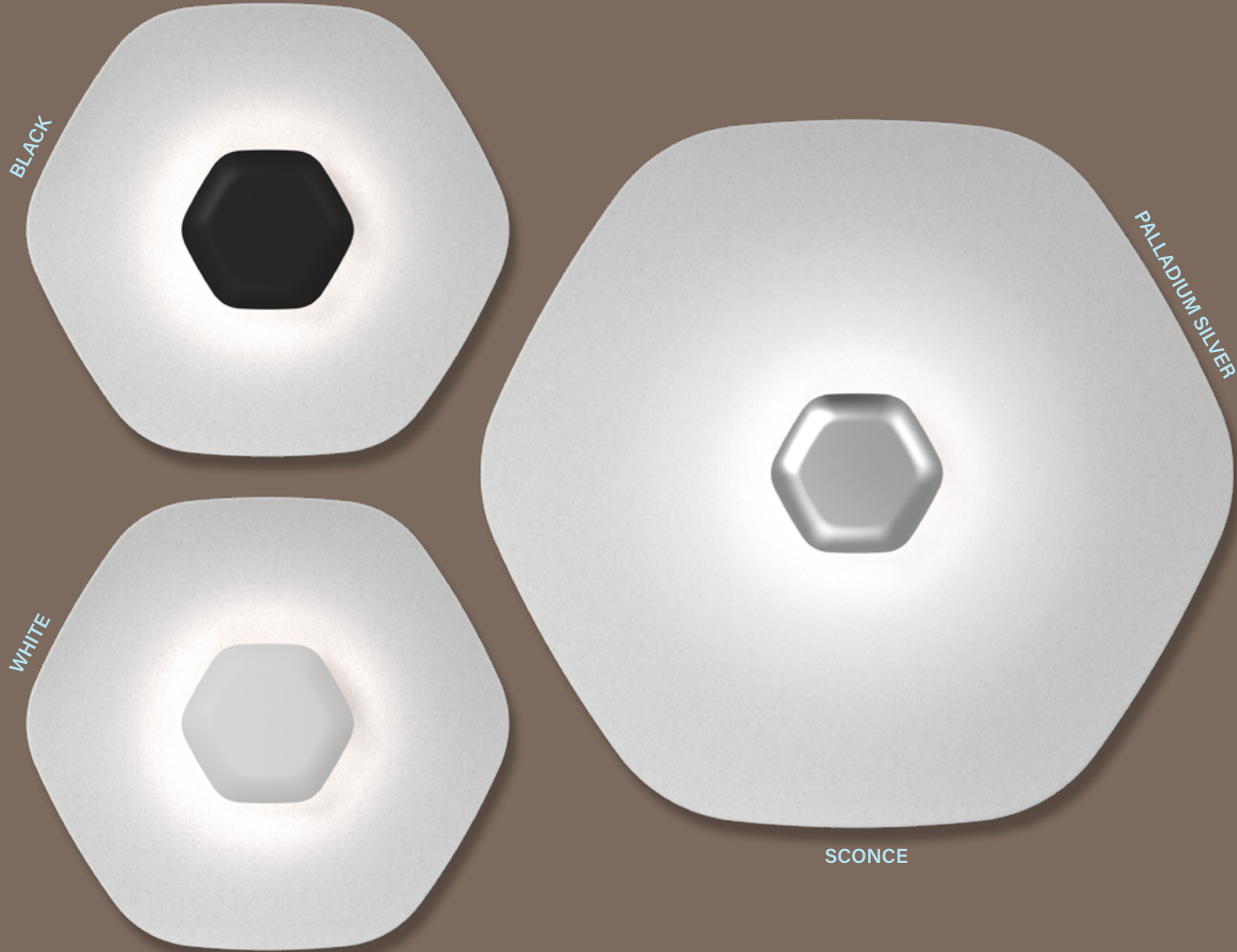
Delivers 1000 to 3400 indirect lumens as a standalone pendant.

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.

The light engine also serves as a minimalist indirect pendant that delivers up to 3400 lumens and 138 LPW





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.



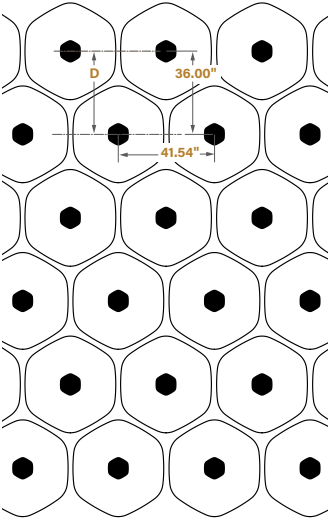
Lumen Output	Delivered Lumens	Avg. FC	LPD
LUMINOUS LOW	600	28	0.42
LOW	950	42	0.76

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 $2\sqrt{3}D/3 \sim 1.155 \cdot D$

eg: $D = 36"$, $2\sqrt{3}(36")/3 = 41.54"$



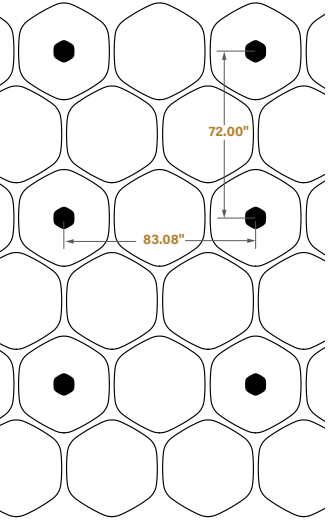
42" PENDANTS - 72" x 83" on-center luminaire spacing

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
MAX	2850	40	0.61

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



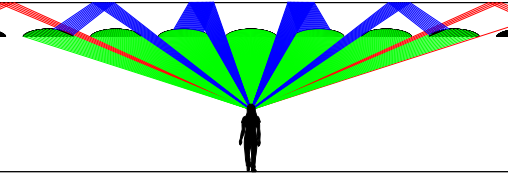
Whether tightly grouped to create a glowing ceiling or spaced out as wide as eight feet on-center, Polina outperforms traditional PET felt acoustical baffles while procuring ample ambient lighting.

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

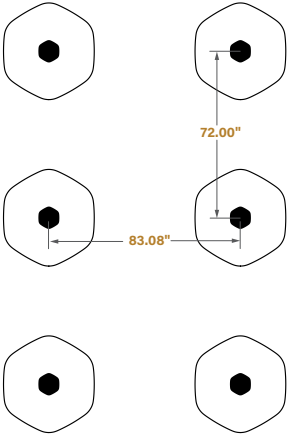
The lumen output of 2335 lumens delivers 32 foot-candles on the work plane on average.



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



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.

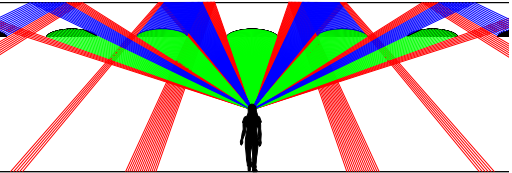


42" PENDANTS - 96" x 83" on-center luminaire spacing

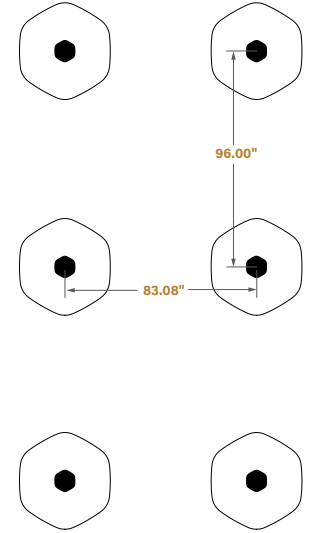
The lumen output of 2850 lumens delivers 30 foot-candles on the work plane on average.



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



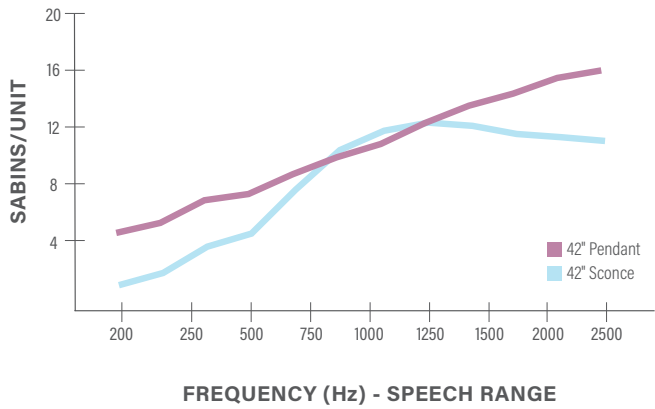
83% of the sound is captured either directly in the shade, or indirectly after reflecting off the ceiling to the back of the domed shade.



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

PERFORMANCE

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

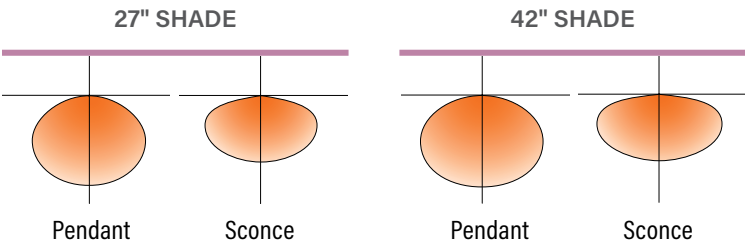


Polina's sleek and minimal light engine delivers up to 2850 lumens of indirect light and has an efficacy of up to 136 lumens per watt, providing comfortable ambient illumination in color temperatures ranging from 2700K to 4000K.

LIGHTING PERFORMANCE

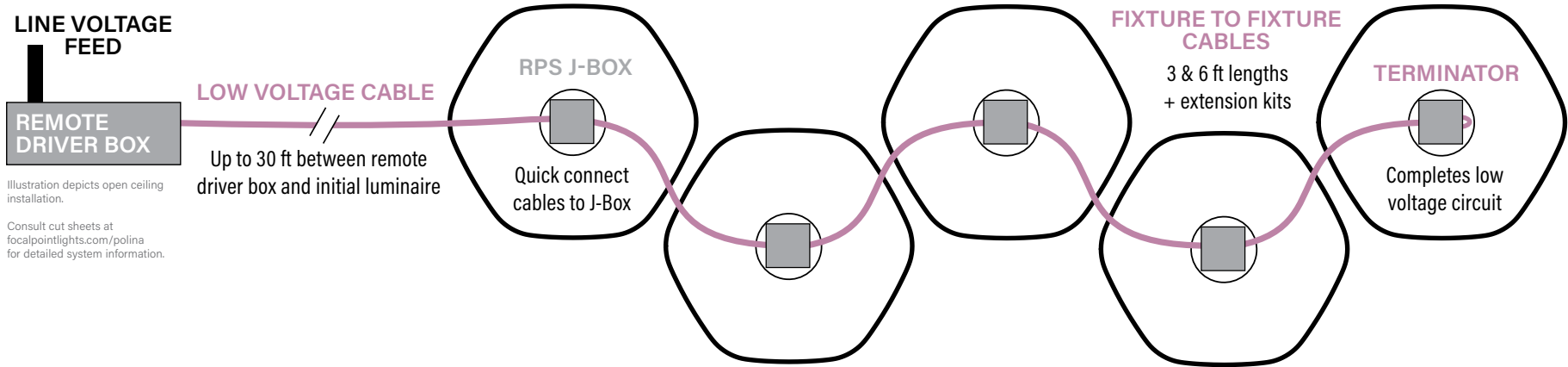
Lumen Output	Shade Size	Mounting	Delivered Lumens	LPW
LUMINOUS LOW	27"	Pendant	500	114
		Sconce	460	105
	42"	Pendant	600	136
		Sconce	480	109
LOW	27"	Pendant	870	110
		Sconce	720	91
	42"	Pendant	950	120
		Sconce	760	96
MEDIUM	27"	Pendant	1550	101
		Sconce	1285	83
	42"	Pendant	1685	109
		Sconce	1350	88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

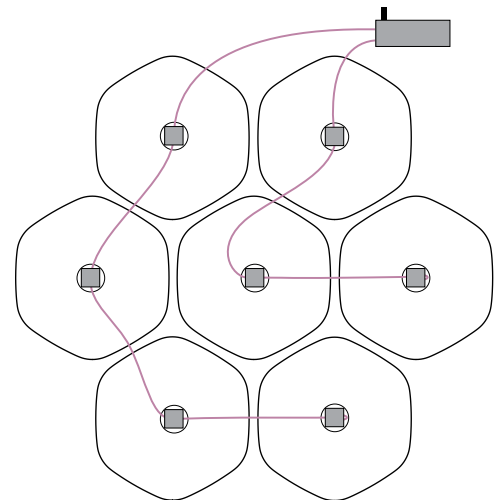


REMOTE POWER SYSTEM OFFERING

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

Fixtures will be evenly divided between drivers when possible. Consult cut sheets at focalpointlights.com/polina for detailed system information.

SYSTEM EXAMPLE

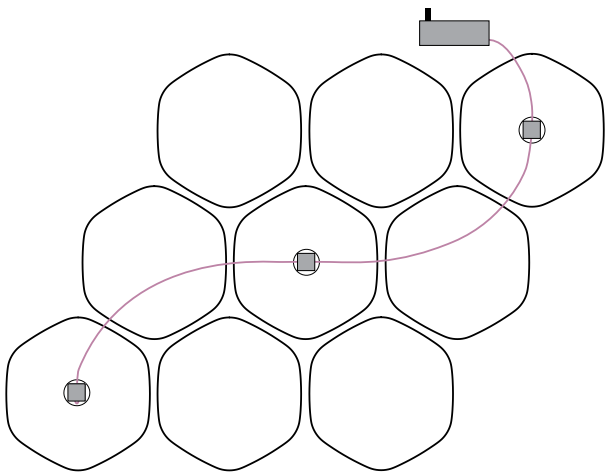


SYSTEM COMPONENTS

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



OFFICE LOUNGE - MIXED PENDANT INSTALLATION



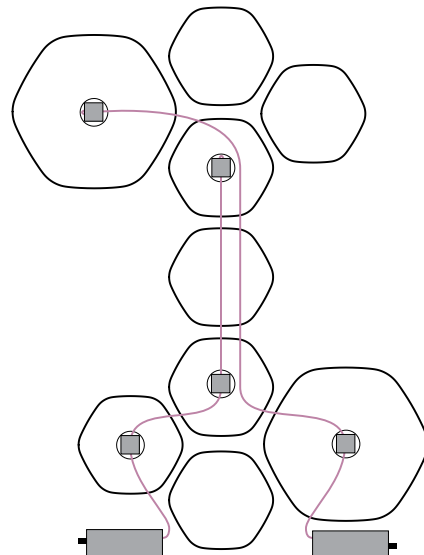
SYSTEM COMPONENTS

- 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

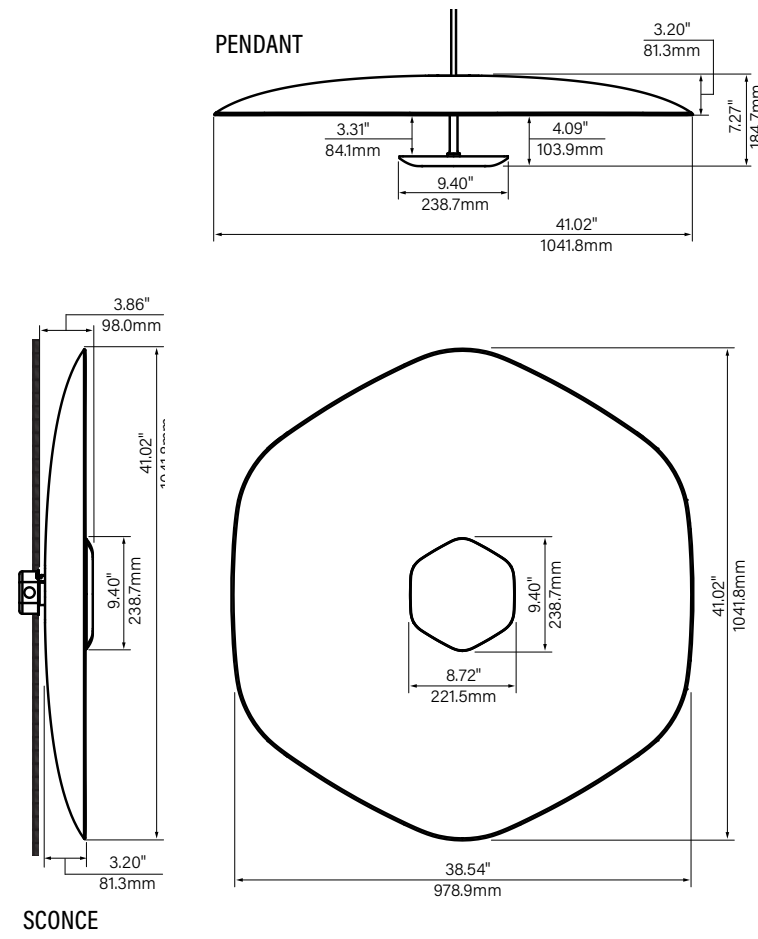
- 1 - Remote Power System (42" output)
- 2 - 42" Polina Acoustic Sconce
- 1 - Remote Power System (27" output)
- 3 - 27" Polina Acoustic Sconce
- 4 - 27" Polina Acoustic Unlit Wall Mount

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

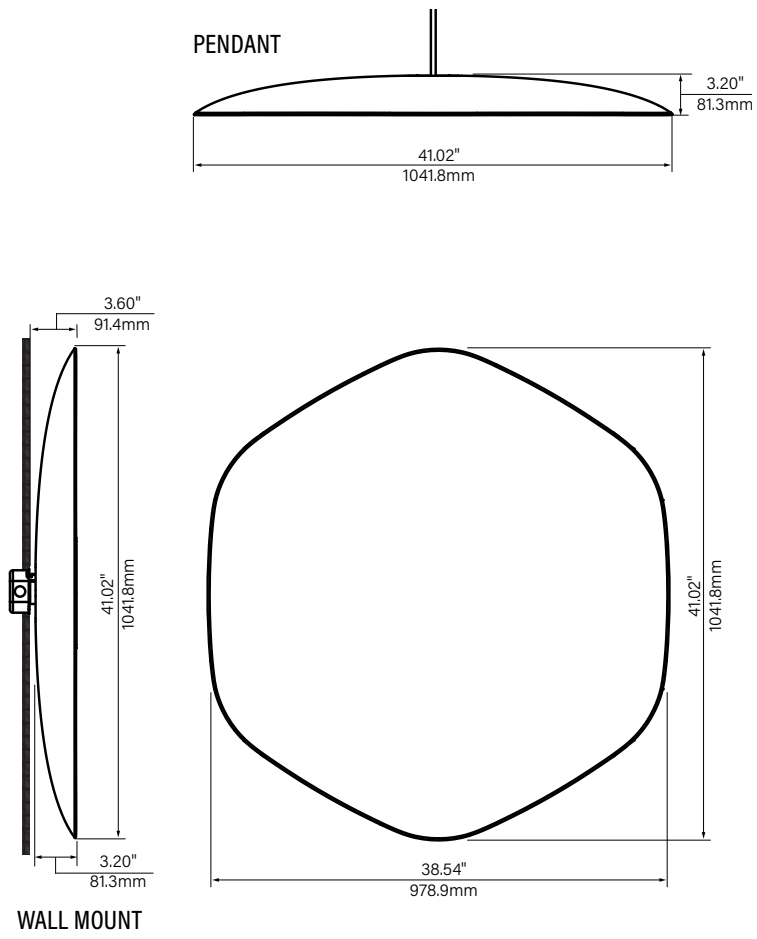
Luminaires of different lumen outputs require dedicated remote power systems in order to supply the correct power to the luminaires.

SPECIFICATIONS & OPTIONS

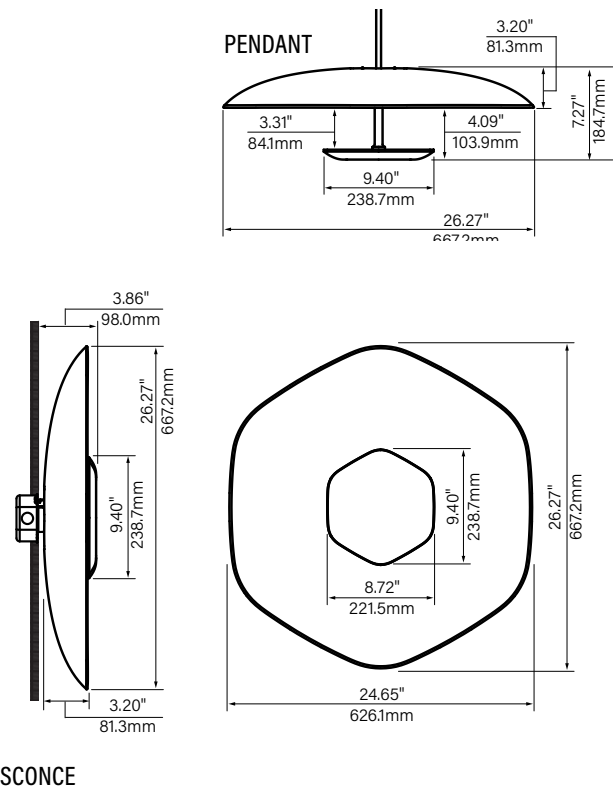
42" ACOUSTIC LUMINAIRES



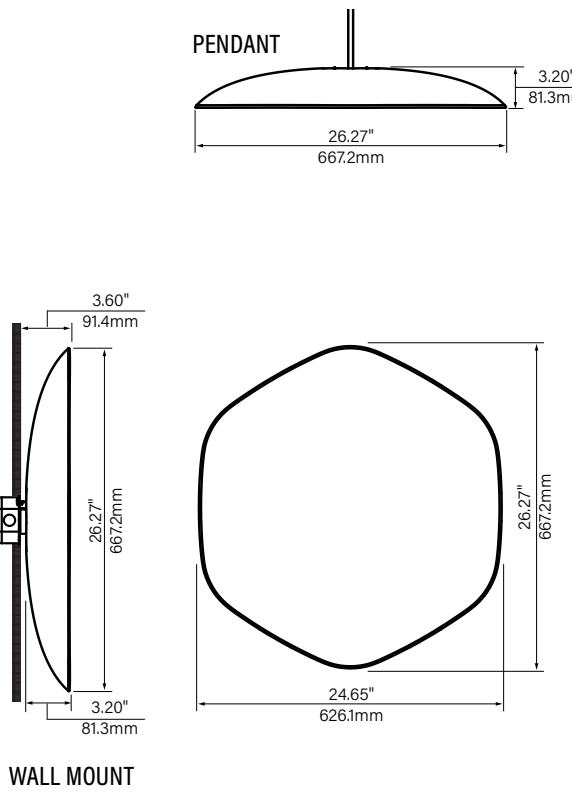
42" ACOUSTIC UNLIT



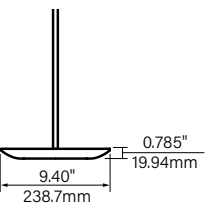
27" ACOUSTIC LUMINAIRES



27" ACOUSTIC UNLIT



10" INDIRECT PENDANT



CANOPIES



Mini Power Canopy

Ideal for single pendant installations. Individual units only.



Shallow Canopy

Pendant remote power systems. Unlit pendant mounting.

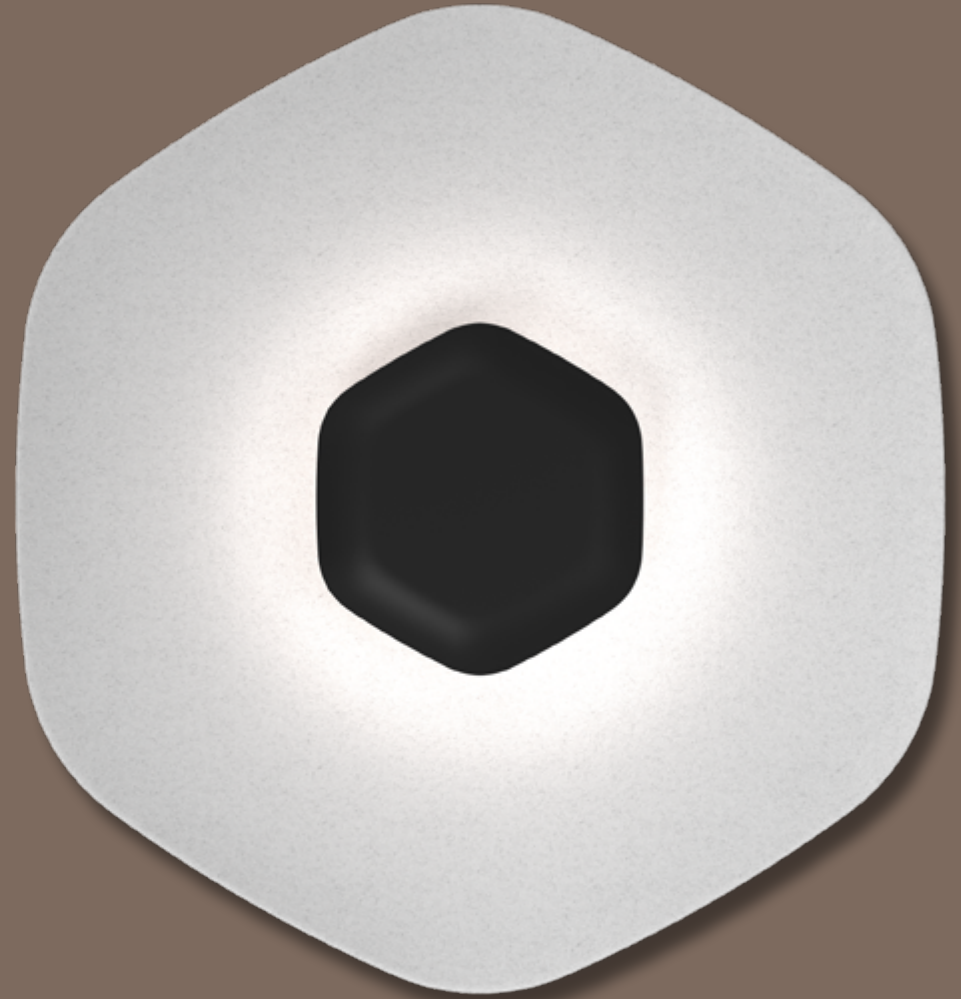
HOUSING/CANOPY/STEM COLORS



Black

White

Palladium Silver



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