

# Lia® Curve

DECORATIVE ACOUSTIC LED PENDANT



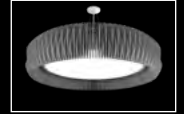
48" Shade | 12" Height



48" Shade | 18" Height



Lia Cloche  
Companion



Lia Facet  
Companion

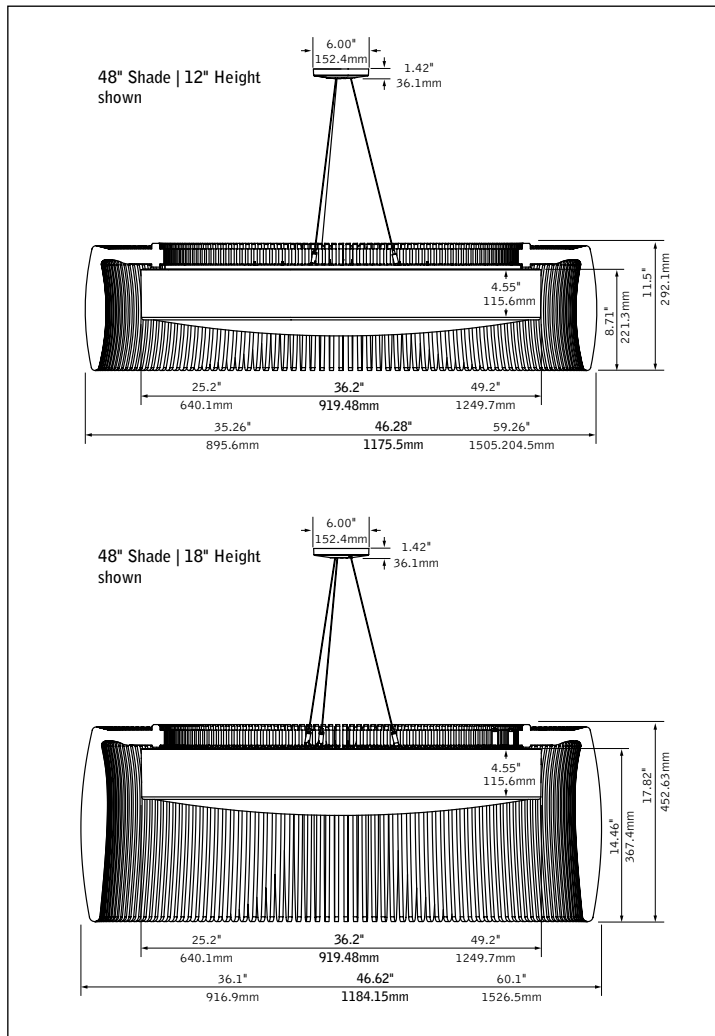


cable mount  
canopy detail



stem mount  
canopy detail

## DIMENSIONAL DATA (continued on page 5)



## FEATURES

Decorative acoustic pendant featuring symmetrical, gently curving PET felt fins that create a light and airy volume.

Nominal 36", 48" or 60" diameter and nominal 12" or 18" height.

Convex lens design ensures an evenly illuminated diffuser.

Optional indirect illumination.

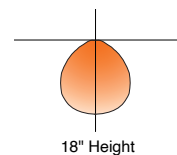
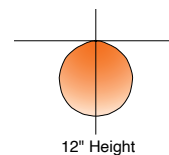
Wide range of color options provides design flexibility and personalization for any project.

Excellent choice for open public spaces such as amenity spaces, large lobbies, reception areas and meeting rooms.

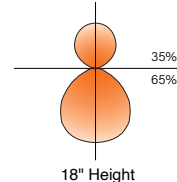
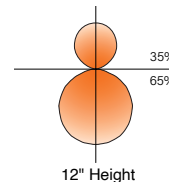
PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

## DISTRIBUTIONS

### DIRECT



### DIRECT / INDIRECT

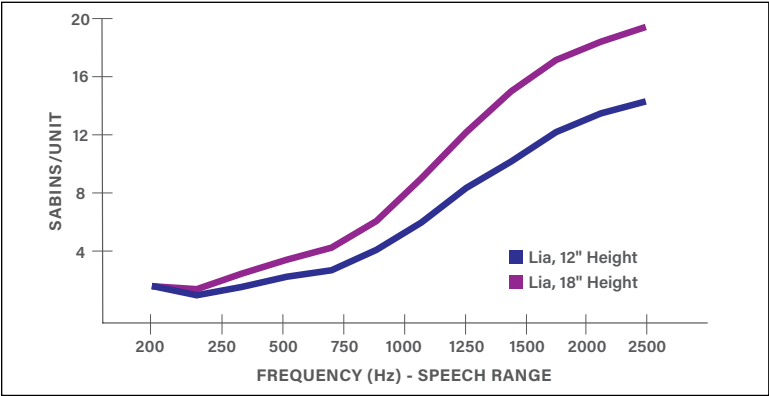


Photometric performance is measured in accordance with IESNA LM-79.  
Visit [focalpointlights.com](http://focalpointlights.com) for complete photometric data.

fixture:

project:

ACOUSTIC PERFORMANCE



SPECIFICATIONS

Acoustic Material

Content	Housing material is 100% polyester containing up to 50% of recycled plastic bottles (PET felt) with an ASTM E-84 Class A / CAN ULC S102 fire rating and is moisture resistant.  See page 3 for color offering. Acoustic material colors are subject to change without notice. For the most current color options, please visit focalpoint-lights.com/acousticsolutions. Lead times may vary depending on color.
Cleaning and Care	Remove dust and debris with a clean, soft, lint-free cloth or vacuum
PET Thickness	9mm
Surface Burning Characteristics	ASTM E84 Class A / CAN ULC S102 Flame Spread: 0, Smoke Development Index: 300
Colorfastness	AATCC 16A Option 3 Class 4 minimum at 40 hours
NRC	0.9

LED System

LED module incorporates premium LEDs on a robust platform to achieve excellent thermal management. LEDs are placed to promote a uniform appearance. Available in 2700K, 3000K, 3500K or 4000K with CRI>80 or CRI>90. 3500K and 4000K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. LED modules and drivers are replaceable from below.

Light Engine Construction

18 Ga. spun steel housing. 18 Ga. spun steel mounting pan. Light engine 25.2", 36.12" or 48.2" diameter x 4.5"H. Housing secured to mounting pan by torsion springs. 12" minimum suspension. 36" unit will not exceed: 45lbs, 48" unit will not exceed: 82lbs, 60" unit will not exceed: 112lbs.

Optic

20 Ga. steel reflector finished in High Reflectance White powder coat. Convex lens of .125" thick white acrylic is secured to housing and removed with torsion springs.

Electrical

Standard 120-277V driver includes 0-10V analog dimming. Power factor > .9. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

Labels

UL and cUL Listed. Suitable for Dry or Damp Locations, indoor use only.

Trim/Canopy/Stem Finish

Polyester powder coat applied over a multi-stage pre-treatment.

Lumen Maintenance

Reported: L70 at >54,000 hours                      Calculated: L70 at 76,000 hours  
(Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional data.)

Reliability

At Focal Point, our products are designed to stand the test of time. Each luminaire is engineered using superior components, manufactured with the utmost care and rigorously tested. Contact us for reliability data.

Warranty

LED system rated for operation in ambient environments up to 25°C. 5 year limited warranty.

PERFORMANCE CHART

See page 3

ACOUSTIC SHADE ORDERING

Series	Lia	DLIA
Nominal Size		
(Shade and light engine sizes are paired)		
36" Shade for 2' light engine	36S	
48" Shade for 3' light engine	48S	
60" Shade for 4' light engine	60S	
Profile	Curve 1	CRV1
Height		
12"	12	
18"	18	
Acoustic Shade Color	---	
See page 4 for PET color offering		

LIGHT ENGINE ORDERING

Luminaire Series	Skydome LED	FSDL
Nominal Size		
(Shade and light engine sizes are paired)		
2' Light Engine for 36" Shade	22	
3' Light Engine for 48" Shade	33	
4' Light Engine for 60" Shade	44	
Shielding	Frosted Lens	CX
Direct Lumen Output		
2' Light Engine	2000 Lumen	2000L
36" Shade	3000 Lumen	3000L
	4000 Lumen*	4000L
3' Light Engine	4000 Lumen	4000L
48" Shade	5000 Lumen	5000L
	7000 Lumen*	7000L
	9000 Lumen*	9000L
4' Light Engine	7000 Lumen	7000L
60" Shade	9000 Lumen	9000L
	11,000 Lumen*	11000L
	14,000 Lumen*	14000L
	17,000 Lumen*	17000L
Indirect Lumen Output		
(Leave blank for direct only. Not available with Rigid Stem. Consult factory for Low Voltage.)		
All	1000 Lumen	1000UP
Light Engines	2000 Lumen	2000UP
	3000 Lumen	3000UP
3' & 4'	4000 Lumen	4000UP
Light Engines	5000 Lumen	5000UP

Color Temperature	
2700K, 80+ CRI or 90+ CRI	27K or 927K
3000K, 80+ CRI or 90+ CRI	30K or 930K
3500K, 80+ CRI or 90+ CRI	35K or 935K
4000K, 80+ CRI or 90+ CRI	40K or 940K

Circuit	
Single Circuit	1C
Dual Circuit (Direct/Indirect only)	2C

Voltage	
120/277 UNV Volt	UNV
Low Voltage	LV

Driver	
0-10V - 1% Dimming (1% dimming Direct, 10% dimming indirect)	L11
0-10V - 10% Dimming	LD1
Low Voltage, PoE compatible (No driver. LV Voltage only. Consult factory for Indirect availability.)	LVN
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming*	LH1

Mounting	
24" Aircraft Cable	C24
48" Aircraft Cable	C48
96" Aircraft Cable	C96
12", 18", 24", 36" or 48" Rigid Stem*	S__
(Specify canopy color White (WH), Black (BK), Titanium Silver (TS), or Modest Mushroom (MM) Example: C24WH.) For non-white housings: to match stem and housing color, add M to ordering code (S12M). To match stem, canopy and housing color, add MC to ordering code (S12MC)	

Factory Options	
Lia Light Engine	DLIA
Black Cord	BKCD
Finish	
Matte Satin White	WH
Titanium Silver	TS
Matte Black	BK
Modest Mushroom - Gloss	MM

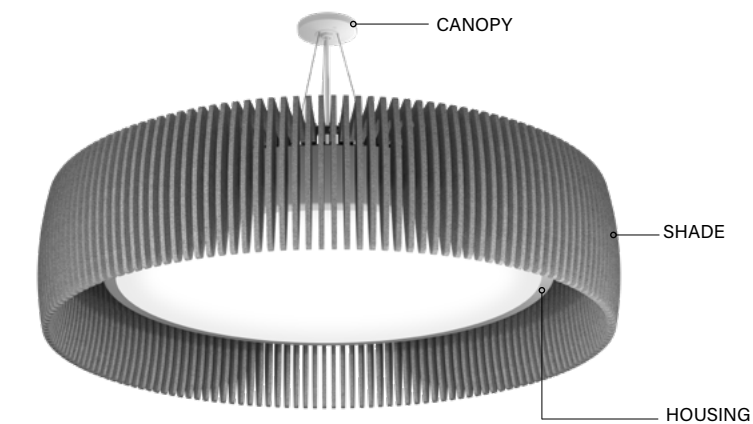
\*Not available with Indirect output.

PERFORMANCE CHART

Lia Curve Direct/Indirect						
Nominal Size	Direct Distribution	Indirect Distribution	Distribution %	Total Lumens	Tested System Watts	LPW
2' Light Engine 36" Shade	2000	-	0/100	2000	29.8	58.3
		1000	35/65	3000	36.6	75.6
		2000	50/50	4000	43.3	86.4
		3000	40/60	5000	50.6	93.6
	3000	-	0/100	3000	46.1	56.4
		1000	75/25	4000	54.1	67.2
		2000	60/40	5000	60.2	76.4
		3000	50/50	6000	66.5	84.3
	4000	-	0/100	4000	65.4	54.5
	3' Light Engine 48" Shade	4000	-	0/100	4000	58.3
1000			80/20	5000	66.3	77.8
2000			65/35	6000	72.4	85.5
3000			60/40	7000	78.7	91.7
4000			50/50	8000	85.9	95.7
5000			40/60	9000	91.9	99.9
5000		-	0/100	5000	72.2	70.5
		1000	85/15	6000	80.1	76
		2000	70/30	7000	86.3	82.6
		3000	60/30	8000	92.6	88
		4000	50/50	9000	99.8	91.7
5000		50/50	10000	105.7	95.6	
7000		-	0/100	7000	140.7	68.6
9000		-	0/100	9000	140.3	66.7
4' Light Engine 60" Shade	7000	-	0/100	7000	89.6	82.4
		1000	90/10	5000	97.5	86
		2000	75/25	6000	103.7	90.8
		3000	70/30	7000	110	95
		4000	65/35	8000	117.2	97.7
		5000	60/40	9000	123.2	100.7
	9000	1000	90/10	6000	119.4	84.6
		2000	80/20	7000	125.6	88.7
		3000	75/25	8000	131.8	92.2
		4000	70/30	9000	139.1	94.7
		5000	65/35	10000	145	97.3
	11000	-	0/100	11000	141.2	80.5
	14000	-	0/100	14000	181.4	79.1
	17000	-	0/100	17000	227.4	77.4

Based on 3500K, 80 CRI. Lumen multiplier: 90+ CRI = 0.87. Lumen output may vary +/- 8%. Actual wattage may vary +/- 5%

DECORATIVE FINISHES



Paint Finishes



PET Material

STANDARD PET



Slight color variations are inherent to the PET felt manufacturing process. Color renditions on screens vary due to display settings and lighting conditions.

Order samples at [focalpointlights.com/Samples](https://focalpointlights.com/Samples)

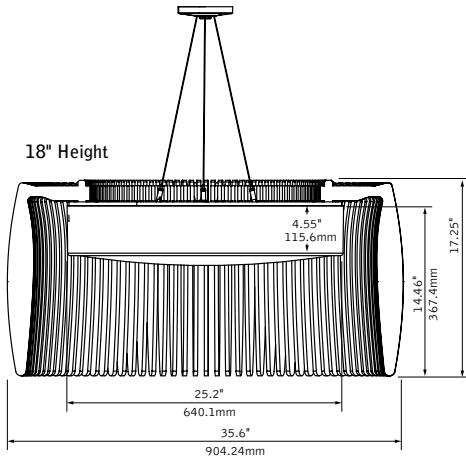
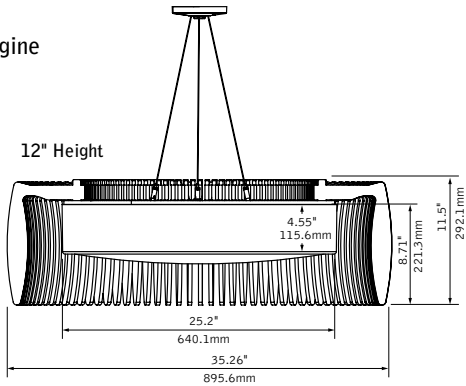
PREMIUM PET



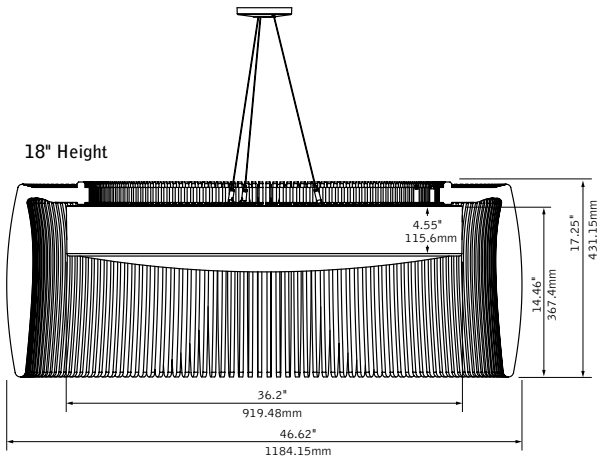
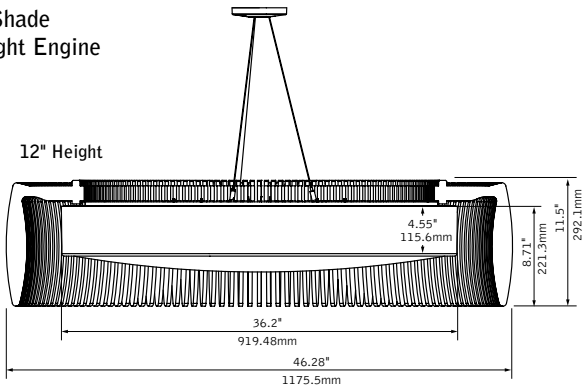
\*Contact factory for lead time and pricing.

DIMENSIONAL DATA CONTINUED

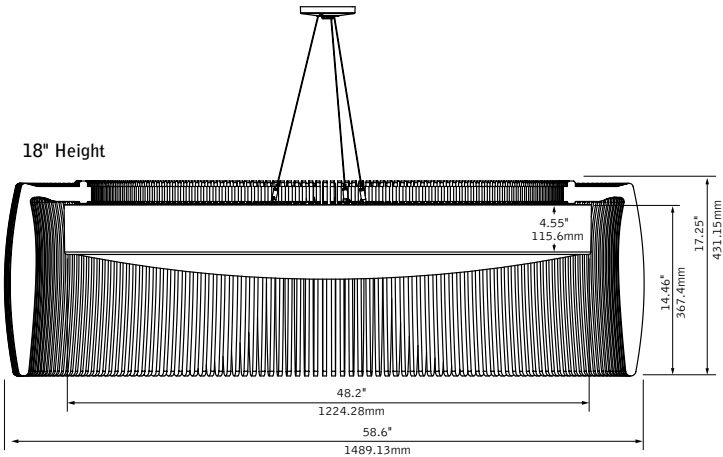
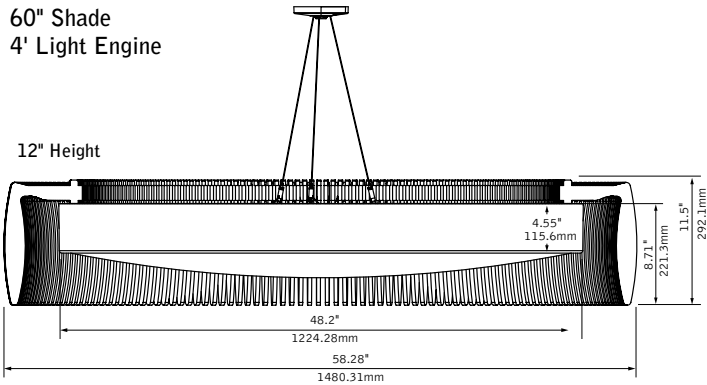
36" Shade  
2' Light Engine



48" Shade  
3' Light Engine



60" Shade  
4' Light Engine



STEM MOUNTING INFORMATION

