Lia® Cloche

DECORATIVE ACOUSTIC LED PENDANT

RL | PoE | BA

48" Shade | 12" Height

48" Shade | 18" Height

Lia Curve Companion

Lia Facet Companion

cable mount canopy detail

stem mount canopy detail

DIMENSIONAL DATA

36 " Shade
2 ' Light Engine

12" Height

4.55"
115.6mm

11.25"
285.8mm

8.46"
214.9mm

25.2"
640.1mm

35.59"
904mm

48 " Shade
3 ' Light Engine

12" Height

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36.2"
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46.59 "
1183.4mm
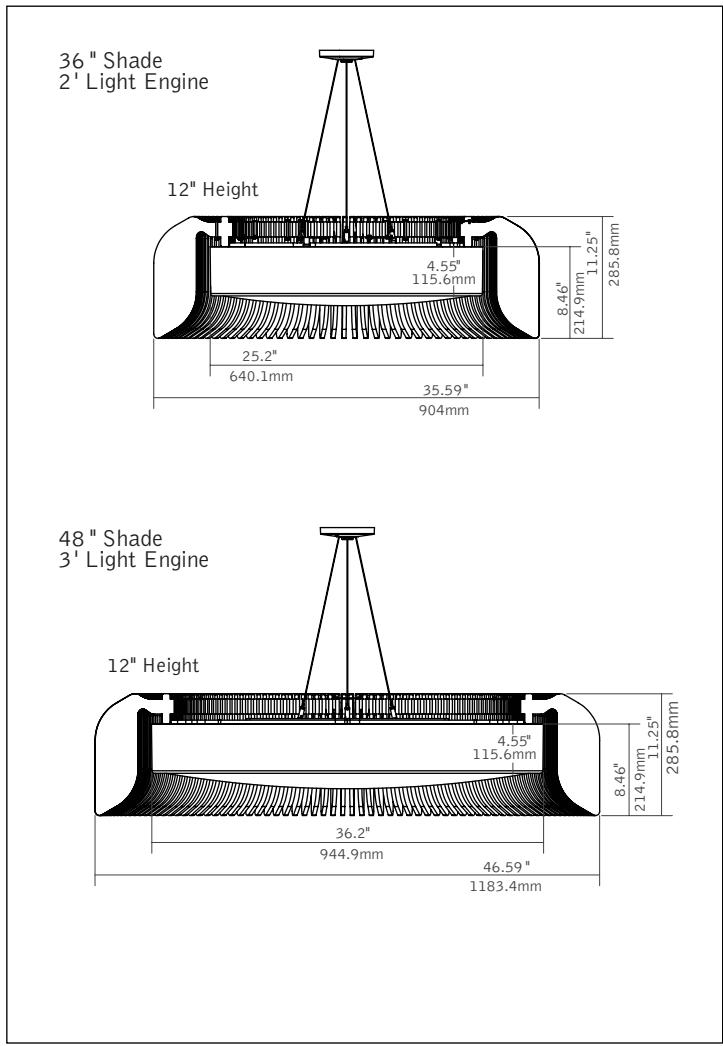
FEATURES

Decorative acoustic pendant featuring a soft bell shape with a classic rounded crown and gently curving PET felt fins.

Nominal 36", or 48" 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

12" Height

18" Height

DIRECT / INDIRECT

35%
65%
12" Height

35%
65%
18" Height

Photometric performance is measured in accordance with IESNA LM-79.
Visit focalpointlights.com for complete photometric data.

ACOUSTIC PERFORMANCE

Chart: SABINS/UNIT (y-axis: 4, 8, 12, 16, 20) vs FREQUENCY (Hz) - SPEECH RANGE (x-axis: 200, 250, 500, 750, 1000, 1250, 1500, 2000, 2500)
- Lia, 12" Height
- Lia, 18" Height
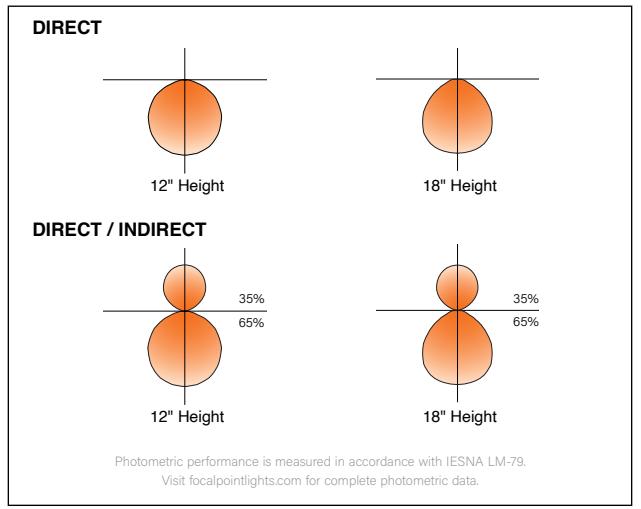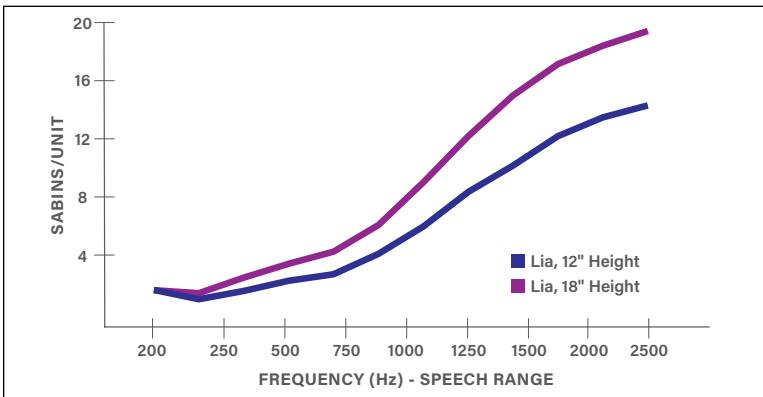
SPECIFICATIONS

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" or 36.12" diameter x 4.5"H. Housing secured to mounting pan by torsion springs. 12" minimum suspension. 36" unit will not exceed: 50lbs, 48" unit will not exceed: 90lbs.

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			__DLIA__
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		
Profile			__CLO__
Cloche	CLO		
Height			_____
12"	12		
18"	18		
Acoustic Shade Color	___		_____
See page 4 for PET color offering			

LIGHT ENGINE ORDERING

Luminaire Series			__FSDL__
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		
Shielding			__CX__
Frosted Lens	CX		
Direct Lumen Output			_____
2' Light Engine 36" Shade	2000 Lumen	2000L	
	3000 Lumen	3000L	
	4000 Lumen*	4000L	
3' Light Engine 48" Shade	4000 Lumen	4000L	
	5000 Lumen	5000L	
	7000 Lumen*	7000L	
	9000 Lumen*	9000L	
Indirect Lumen Output			_____
(Leave blank for direct only. Not available with Rigid Stem. Consult factory for Low Voltage.)			
All Light Engines	1000 Lumen	1000UP	
	2000 Lumen	2000UP	
	3000 Lumen	3000UP	
3' Light Engine	4000 Lumen	4000UP	
	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	2C		
(Direct/Indirect only)			
Voltage			_____
120/277 UNV Volt	UNV		
Low Voltage	LV		
Driver			_____
0-10V - 1% Dimming	L11		
(1% dimming Direct, 10% dimming indirect)			
0-10V - 10% Dimming	LD1		
Low Voltage, PoE compatible	LVN		
(No driver. LV Voltage only. Consult factory for Indirect availablity.)			
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			__DLIA__
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

Nominal Size	Direct Distribution	Indirect Distribution	Distribution %	Total Lumens	Tested System Watts	LPW
				Lia Cloche Direct/Indirect		
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	843
	4000	-	0/100	4000	65.4	54.5
3' Light Engine 48" Shade	4000	-	0/100	4000	58.3	71.3
		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

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

DECORATIVE FINISHES

CANOPY

SHADE

HOUSING

Paint Finishes

BLACK	**BK**	WHITE	**WH**
TITANIUM SILVER	**TS**	MODEST MUSHROOM	**MM**
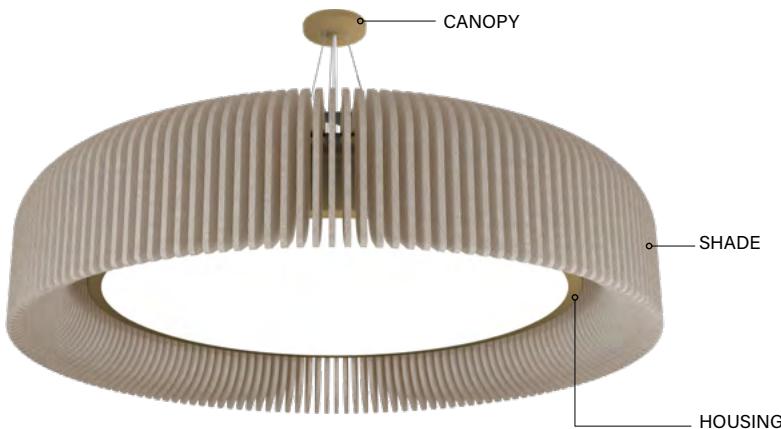
PET Material

STANDARD PET
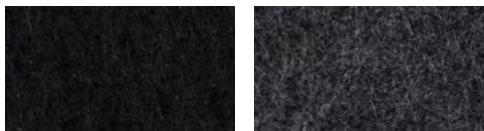
PURE BLACK	**PBK**	CHARCOAL GRAY	**CHG**
SLATE	**SLT**	SHADOW GRAY	**SDG**
SILVER GRAY	**SLG**	PEARL ICE	**PIC**
CLASSIC WHITE	**CWH**	NATURAL LINEN	**NTL**
HAZELWOOD	**HZW**		
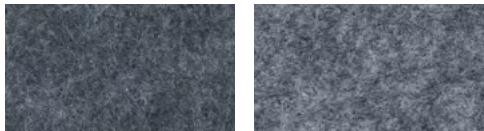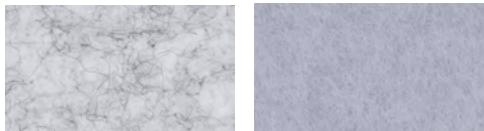
Slight color variations are inherent to the PET felt manufacturing process. Color renditions on screens vary due to display settings and lighting conditions.

Order samples at focalpointlights.com/Samples

PREMIUM PET

CORNFLOWER BLUE **CFB**	DENIM BLUE **DNB**	MIDNIGHT BLUE **MNB**	DEEP PURPLE **DPP**
BRICK RED **BRD**	CHERRY RED **CHR**		
BERRY **BRY**	BLUSH **BLS**		
CARROT **CRT**	PINEAPPLE **PNA**		
DEEP WATER **DWT**	SEAFOAM **SFM**		
EMERALD GREEN **EMG**	LIMESTONE **LMS**		
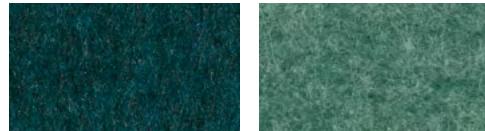
Declare.

PET
Focal Point, LLC

Final Assembly: Chicago, Illinois, USA
Life Expectancy: 30 Year(s)
End of Life Options: Salvageable/Reusable in its Entirety, Recyclable (100%)

Ingredients:

Polyethylene terephthalate: PET; N, N'-Ethylene **bisstearamide:** Octadecanamide, N,N'-1,2-ethanediylbis-; **Stearic Acid:** Stearic Acid; **Antioxidant 1076:** Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, octadecyl ester; **Antioxidant KY-405:** Benzenamine, 4-(1-methyl-1-phenylethyl) -N-[4-(1-methyl-1-phenylethyl)phenyl]-; **Titanium Dioxide:** Titanium dioxide

Living Building Challenge Criteria:

I-13 Red List:
■ LBC Red List Free   % Disclosed: 100% at 100ppm
□ LBC Red List Approved   VOC Content: Not Applicable
□ Declared

I-10 Interior Performance: Not Compliant
I-14 Responsible Sourcing: Not Applicable

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*Contact factory for lead time and pricing.

DIMENSIONAL DATA CONTINUED

36 " Shade
2 ' Light Engine

12" Height

4.55"
115.6mm

11.25"
285.8mm

8.46"
214.9mm

25.2"
640.1mm

35.59 "
904mm

18" Height

4.55"
115.6mm

17.25"
438.2mm

14.46"
367.3mm

25.2"
640.1mm

35.59 "
904mm

48 " Shade
3 ' Light Engine

12" Height

4.55"
115.6mm

11.25"
285.8mm

8.46"
214.9mm

36.2"
944.9mm

46.59 "
1183.4mm

18" Height

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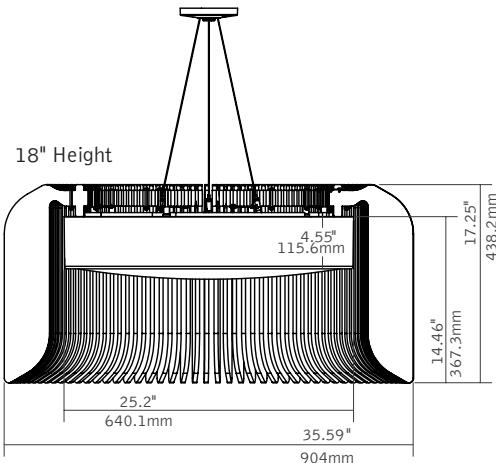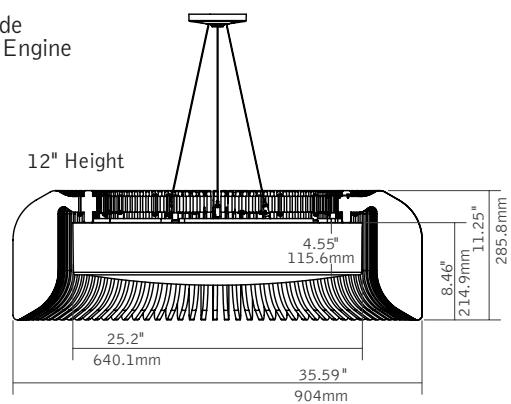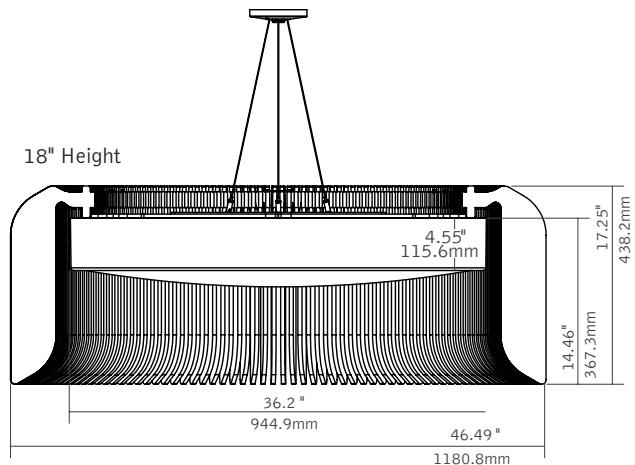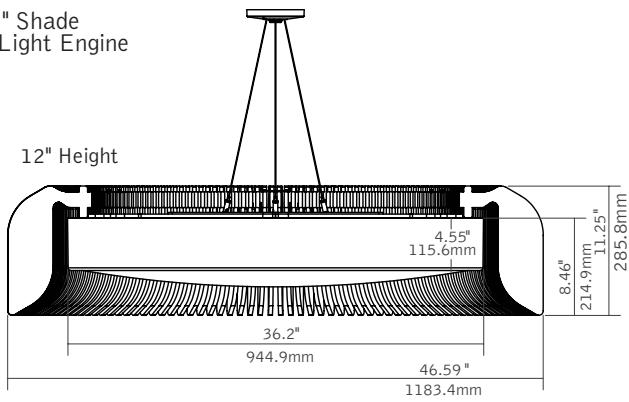
STEM MOUNTING INFORMATION

2'

13"
120°
7.5"

3'

18"
120°
10.375"