

# Lia™

DECORATIVE ACOUSTIC LED PENDANT



48" Shade | 12" Height



48" Shade | 18" Height

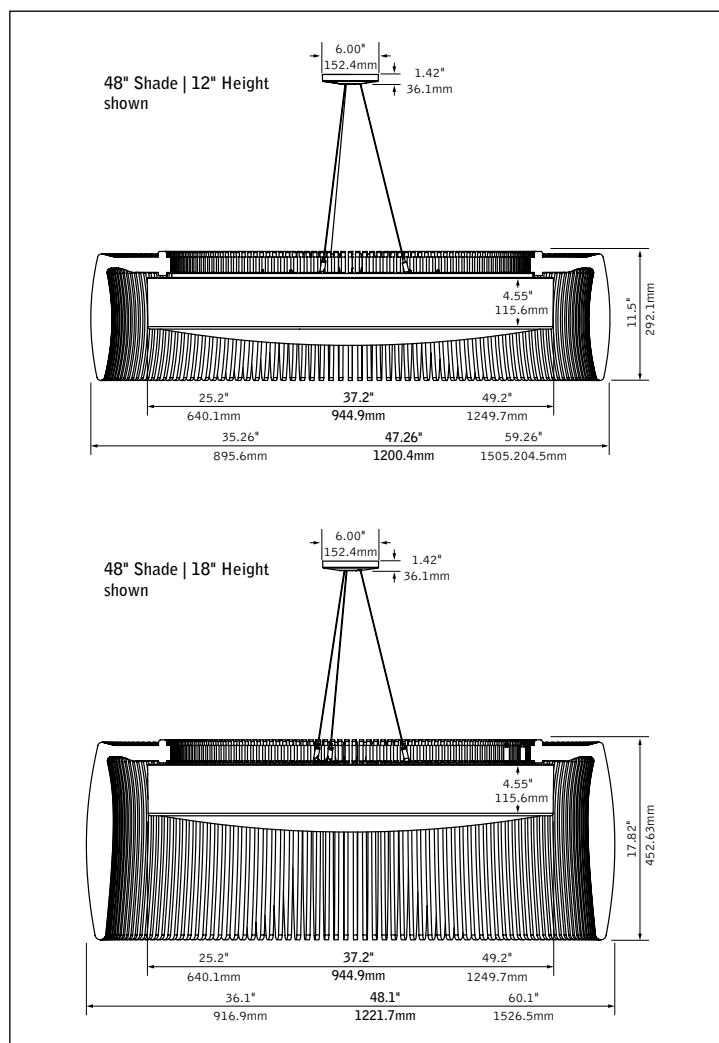


cable mount  
canopy detail



stem mount  
canopy detail

## DIMENSIONAL DATA (continued on page 4)



## FEATURES

Decorative PET felt shaded pendant available in 6 sizes.

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

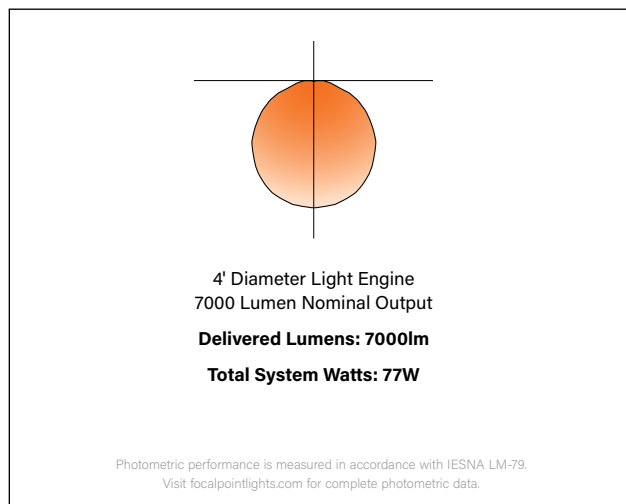
Convex lens design ensures an evenly illuminated diffuser.

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

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

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

## PERFORMANCE



fixture:

project:

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 focalpointlights.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
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 weight: 43lbs, 48" unit weight: 80lbs, 60" unit weight: 110lbs.

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.

Emergency Battery

Bodine BSL310–CAN. Emergency output—10 watts for 90 minutes.

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

Nominal Size	Delivered Lumens	Tested System Watts	LPW
2' Light Engine 36" Shade	2000	25	80
	3000	39	77
	4000	56	71
3' Light Engine 48" Shade	4000	48	83
	5000	61	82
	7000	87	80
	9000	117	77
4' Light Engine 60" Shade	7000	77	91
	9000	100	90
	11000	123	89
	14000	159	88
	17000	194	88

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

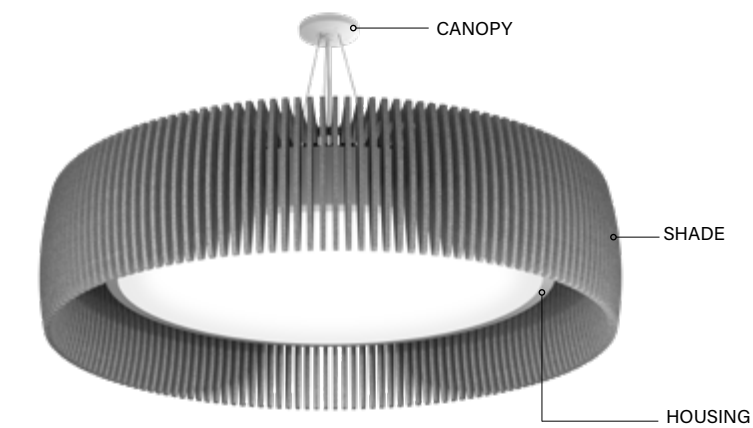
ACOUSTIC SHADE ORDERING

Series		DLIA
Lia		
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		CRV1
Curve 1		CRV1
Height		
12"	12	
18"	18	
Acoustic Shade Color		---
See page 3 for PET color offering		

LIGHT ENGINE ORDERING

Luminaire Series			FSDL
Skydome LED			
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			CX
Frosted Lens			CX
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	
4' Light Engine 60" Shade	9000 Lumen	9000L	
	7000 Lumen	7000L	
	9000 Lumen	9000L	
	11,000 Lumen	11000L	
	14,000 Lumen	14000L	
	17,000 Lumen	17000L	
Color Temperature			
2700K, 80+ CRI <b>or</b> 90+ CRI	27K <b>or</b> 927K		
3000K, 80+ CRI <b>or</b> 90+ CRI	30K <b>or</b> 930K		
3500K, 80+ CRI <b>or</b> 90+ CRI	35K <b>or</b> 935K		
4000K, 80+ CRI <b>or</b> 90+ CRI	40K <b>or</b> 940K		
Circuit			1C
Single Circuit			1C
Voltage			
120/277 UNV Volt			UNV
Low Voltage			LV
Driver			
0-10V - 1% Dimming			L11
0-10V - 10% Dimming			LD1
Low Voltage, PoE compatible			LVN
(No driver. Not available with EM or EC. LV Voltage only.)			
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming			LH1
Mounting			
24" Aircraft Cable			C24
48" Aircraft Cable			C48
96" Aircraft Cable			C96
12" Rigid Stem			S12
18" Rigid Stem			S18
24" Rigid Stem			S24
36" Rigid Stem			S36
48" Rigid Stem			S48
(White stems and canopies supplied standard. 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) (Consult factory for other lengths)			
Factory Options			
LiaLight Engine			DLIA
Black Cord			BKCD
Emergency Battery			EM
Finish			
Matte Satin White			WH
Titanium Silver			TS
Matte Black			BK
Modest Mushroom - Gloss			MM

DECORATIVE FINISHES



Paint Finishes



PET Material

STANDARD COLORS



PREMIUM COLORS\*



# Declare.

9mm PET Felt  
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 bisacrylamide: Octadecanamide, N,N'-1,2-ethanediylbis-, Stearic Acid: Stearic Acid, Antioxidant 1076: Benzenepropionic acid, 3,3-bis(3-dimethylethyl)-4-hydroxy-, octadecyl ester, Antioxidant KY-408: Benzoxamine, 4-(4-methyl-1-phenylethyl)-, 4-(4-O-ethyl-1-phenylethyl)-, Titanium Dioxide: Titanium dioxide

Living Building Challenge Criteria: Compliant

H-13 Red List:

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

H-10 Interior Performance: CDPH Standard Method v13-2019 :  
H-14 Responsible Sourcing: Not Applicable

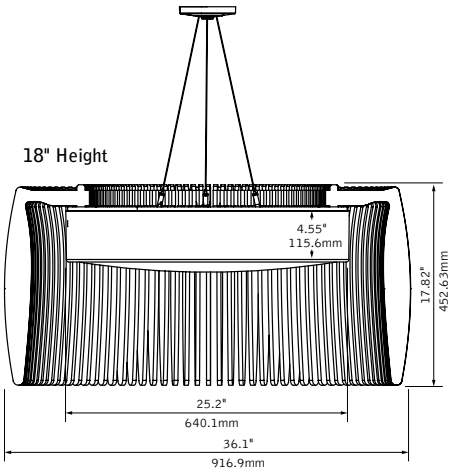
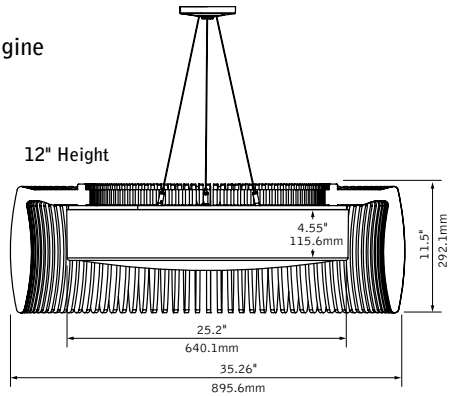
FPL-0001  
EXP: 01 MAR 2024  
Original Issue Date: 2020

DECLARED BY: FOCAL POINT, LLC  
INTERNATIONAL LIVING FUTURE INSTITUTE™ [livingfuture.org/declare](http://livingfuture.org/declare)

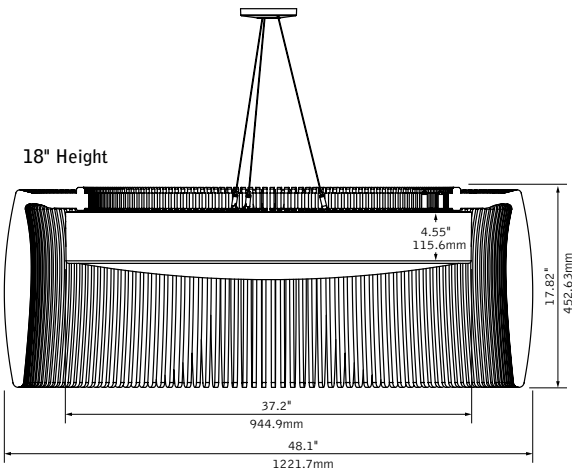
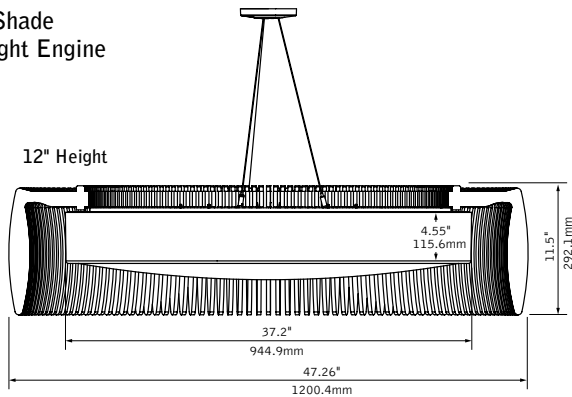
\*Contact factory for lead time and pricing.

DIMENSIONAL DATA CONTINUED

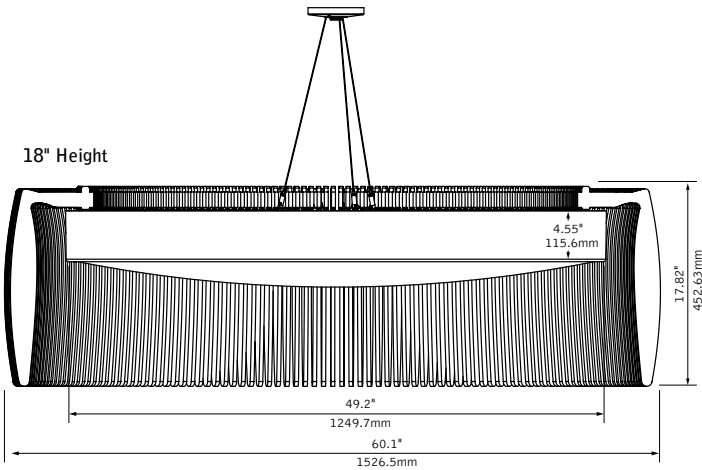
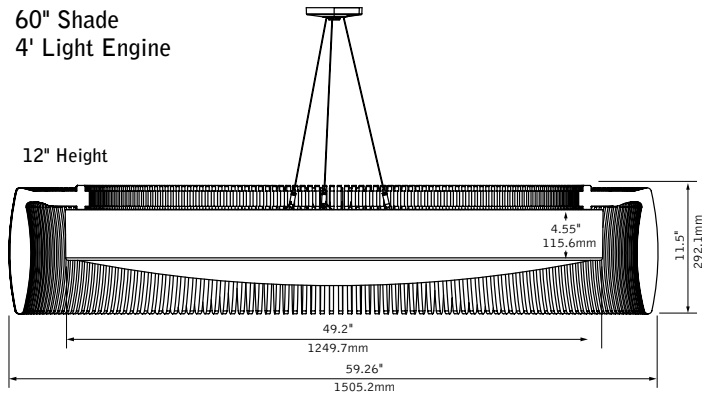
36" Shade  
2' Light Engine



48" Shade  
3' Light Engine



60" Shade  
4' Light Engine



STEM MOUNTING INFORMATION

