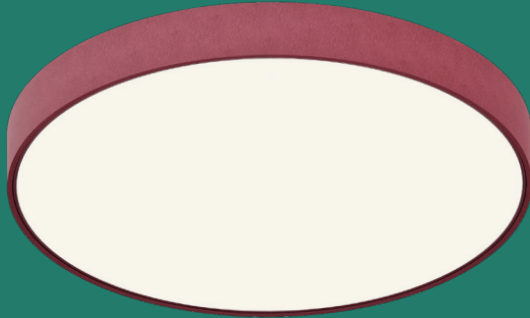


LumiCoustica™ Circa Silenza SOLA



Spec by: _____
 Agency: _____
 Project Name: _____
 Type of Project: _____
 Notes: _____



LIGHTING PERFORMANCE*

	Output	Size					
		3'	4'	5'	6'	8'	10'
Power consumption (Watts)	Premium	50W	92 W	157 W	217 W	414 W	664 W
Delivered output (Lumens)		2064 lm	3784 lm	6421 lm	8887 lm	16971 lm	27205 lm

* Power Consumption and Delivered Output values are based on 6500K CCT

ORDERING CODE

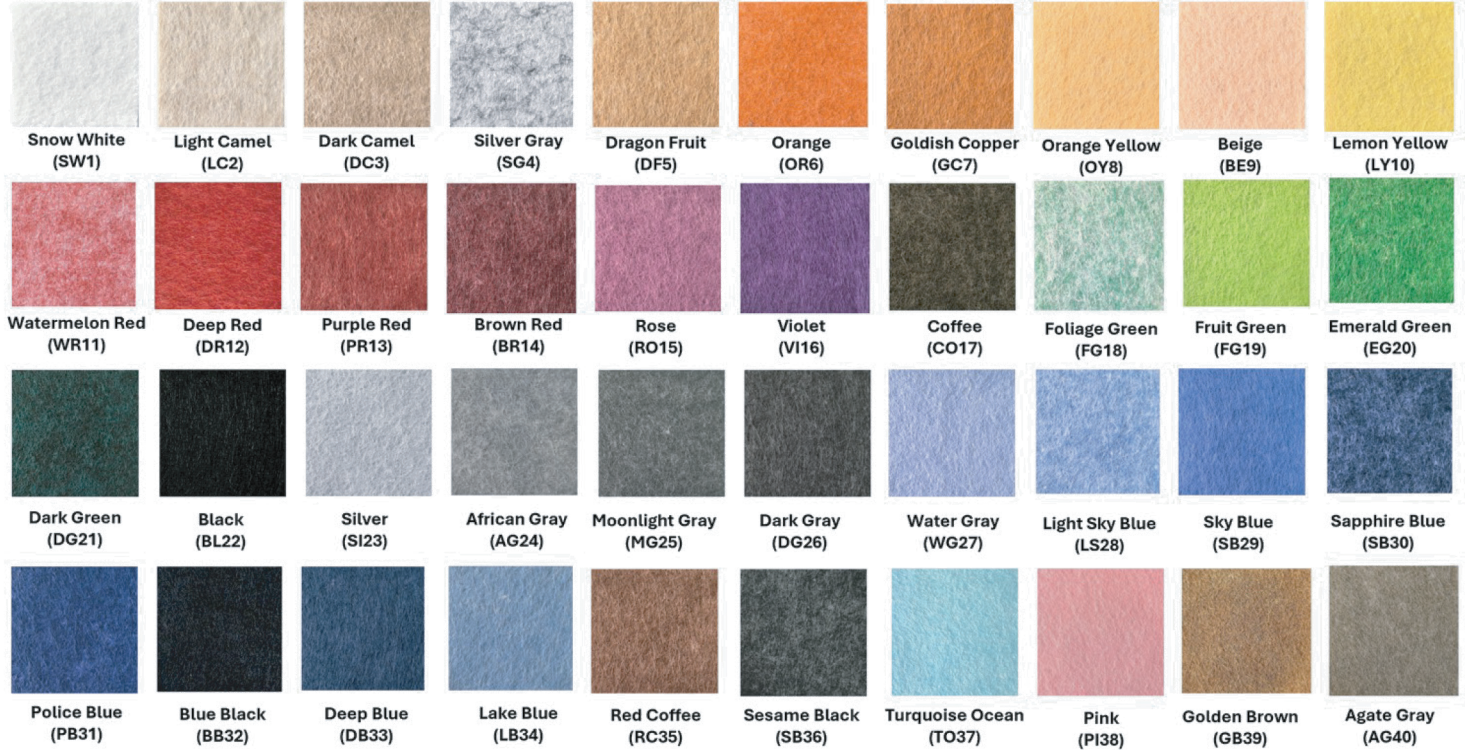
TLS	LCT	CIS	SL	Size	Mounting	Acoustic PET Color			
	Family	Product	Engine						
TLS	LumiCoustica LCT	Circa Silenza CIS	Sola SL	3' 3 4' 4 5' 5 6' 6 8' 8 10' 10	Suspended SP Surface SF	Select from our PET color chart (page 2)			
Frame color		CCT		Control		Output*		LS Diffuser	
Black BL	2700-6500K 27K_65K	0-10V O/10	Premium (859 lm/sqf)** P	LightTex Silent LS					
White WH	2700-4000K 27K_40K	Remote RM							
Silver NS		Dali DA							
Match PET* MP		DMX DMX							

*Frame finish will coordinate with PET felt color; exact matching not guaranteed.

** Lm/sqf are calculated at LED source

PET MATERIAL COLOR CHART

Experience our PET material through a diverse selection of colors, organized to support effortless coordination across a wide range of design applications.



Natural variations in color may occur during PET felt production. Digital color previews are for reference only and may differ from the final product. Availability and lead times can vary by color. Consult factory for more information.



Recyclable
Materials



Environmental
Responsibility



Sustainability
Commitment

This material is manufactured using recycled content, helping reduce waste and support more sustainable material cycles. By transforming post-consumer plastics into a high-performance architectural material, it contributes to responsible design and environmental stewardship.

Regular Care:

- **Dusting:** Use a vacuum with a soft brush attachment on low setting. Gently vacuum the felt in smooth, even strokes.
- **Light Debris:** Remove lint or small particles using a lint roller or low-tack tape.

Spot Cleaning:

If you notice a mark or smudge:

1. Use a soft microfiber cloth slightly dampened with clean water.
2. Gentle blot the area. Do not rub.
3. For tougher spots, you may use a mild soap and water solution. Apply sparingly and blot again with clean water afterward.
4. Allow the felt to air dry naturally.

TECHNICAL SPECIFICATIONS

■ PET Material

Polyester Acoustic Felt (PET)

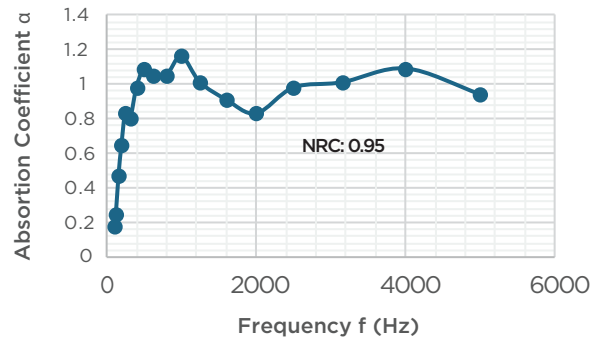
- **Material:** 100% polyester fiber
- **Panel Thickness:** 9 mm
- **Colors:** 40 colors
- **Fire Classification:** B-s1, d0

NRC Test Item: Polyester Fiber Board

Test Content: Sound absorption coefficient measured using the reverberation chamber method in accordance with **ISO 354 / GB-T 20247-2006**.

NRC (Noise Reduction Coefficient): 0.95

Frequency (Hz)	α_s	Frequency (Hz)	α_s
100	0.18	800	1.05
125	0.25	1000	1.16
160	0.47	1250	1.01
200	0.65	1600	0.91
250	0.83	2000	0.83
315	0.80	2500	0.98
400	0.98	3150	1.01
500	1.09	4000	1.09
630	1.05	5000	0.94



■ Diffuser

	Light Tex Silent
Material	100 % Polyester
Weight	172 gr/m2 (16 gr/ft2)
Fire classification	NFPA-701, B1, EN 13501-1, B-s1, d0
Transmission rate	37%
CCT shift	0-50K (see table page 5)
NRC	0.82

■ Lighting

Ingress protection	IP22 (indoor)
CRI	~ 90 (white LED)
LM80 *	> 150,000 hours
Operating temperature	-30 °C TO 80 °C

Note: *LM80 Test is only applicable to white pixels.

■ Frame color

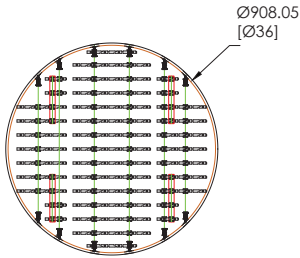
Material	Aluminum			
Standard colors	Black 	White 	Silver 	Match PET

Warranty*	5-year limited warranty for LED
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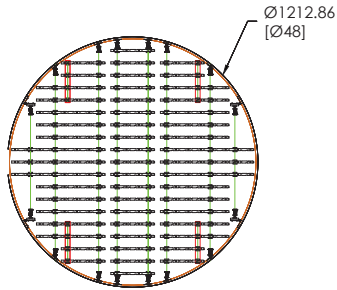
* Warranty Terms and Conditions at www.tls-led.com/warranty

SIZES PREMIUM

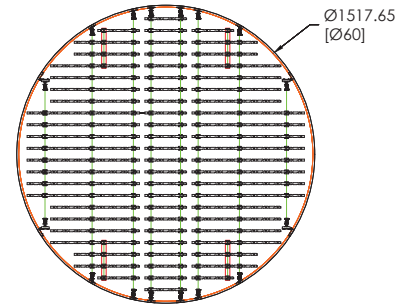
3ft



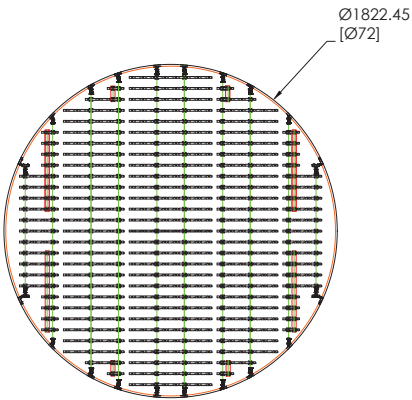
4ft



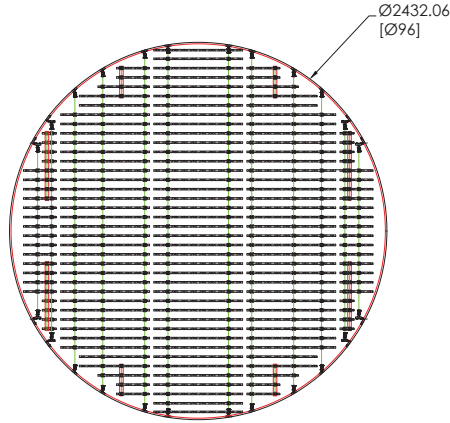
5ft



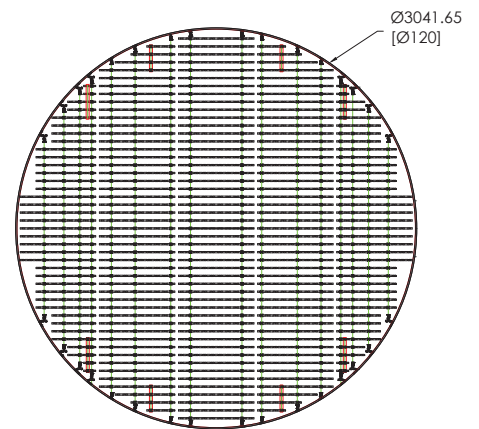
6ft



8ft



10ft



■ Weight Premium

Size	3ft	4ft	5ft	6ft	8ft	10ft
Kg	21.9	27.2	31.8	41.2	56.8	79.6
Lbs	48.2	60.1	70.2	90.7	125.2	175.5

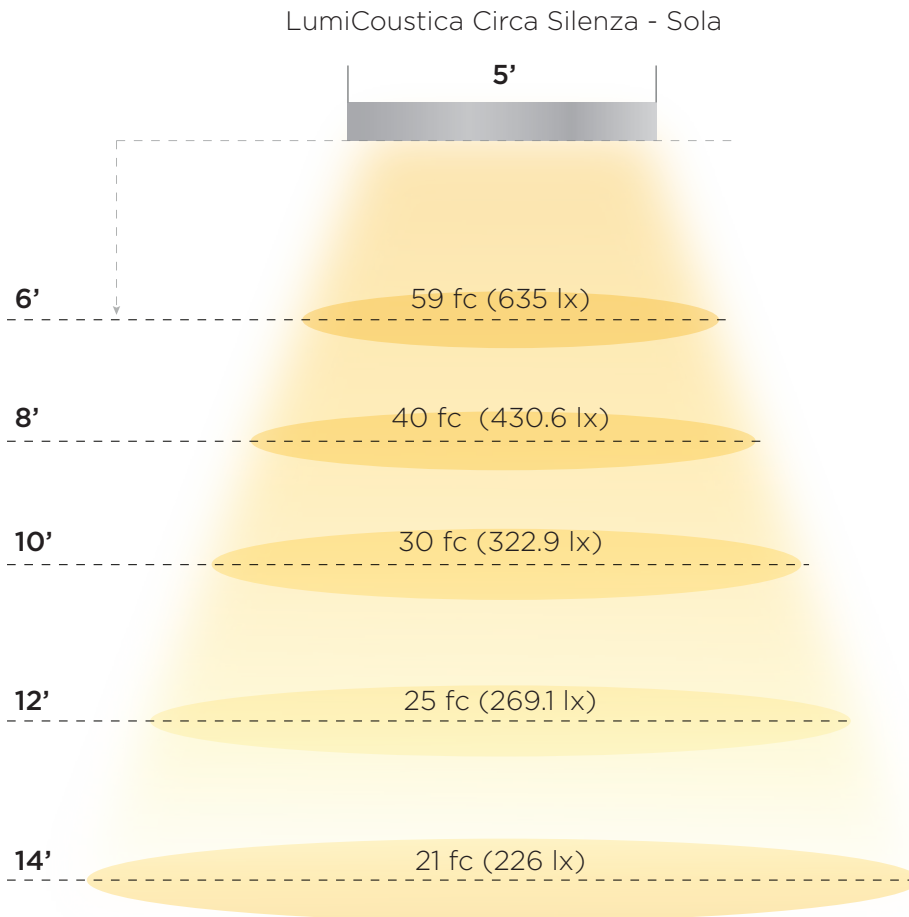
Variations may occur but should not exceed indicated values.

LIGHTING PERFORMANCE AND EFFICIENCY

- CCT Shifting**

Output	CCT		
	2,700K	4,000K	6,500K
Premium	2,658	3,542	6,572

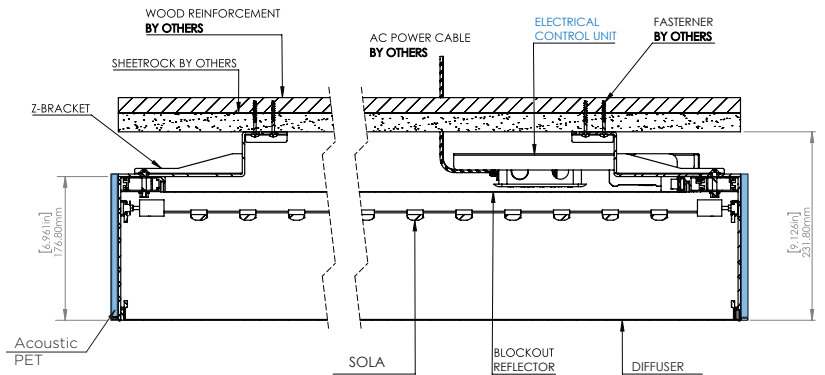
- Foot Candle per height**



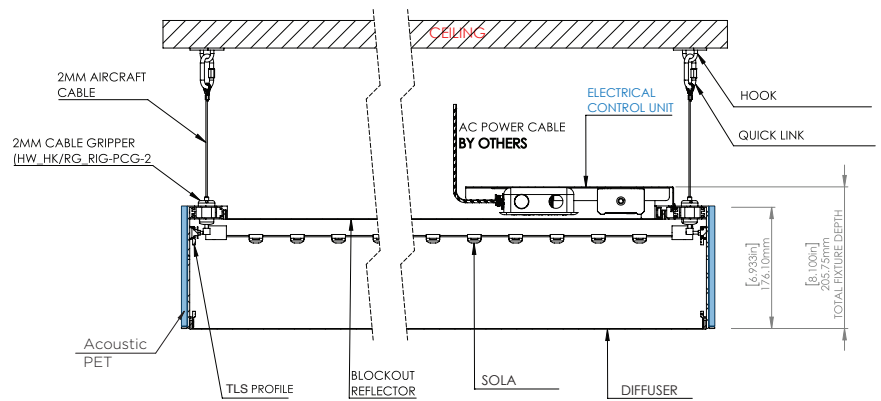
Note: Results are simulated based on 10' x 16' room & Reflection factors C70% W77% & F20% , other measurements available on requests.
Multiple panels will influence the foot candle.

MOUNTING OPTIONS (PREMIUM)

Surface (SF)



Suspended (SP)

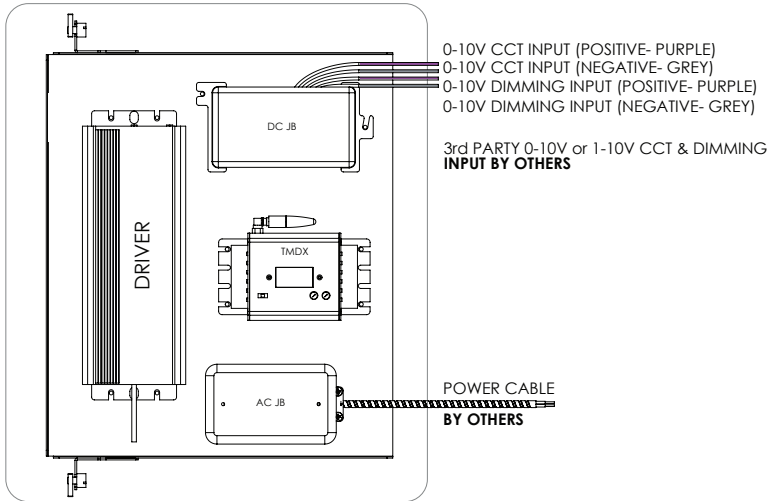


- Hooks to existing ceiling installed by others

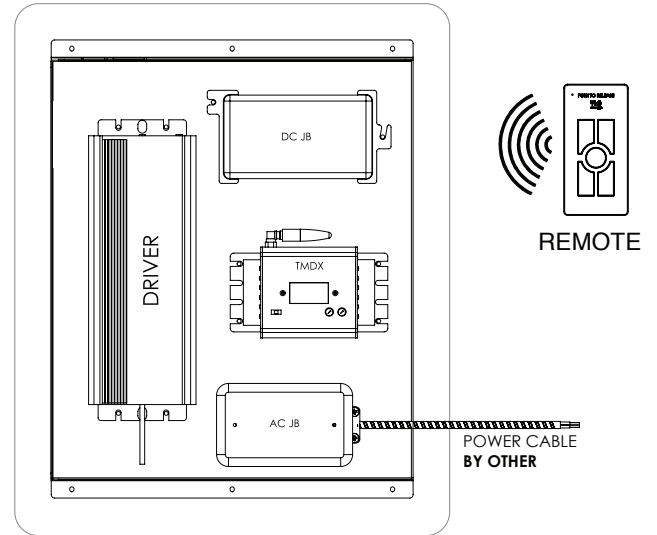
Note: Parts reference numbers are available upon request.

CONTROL

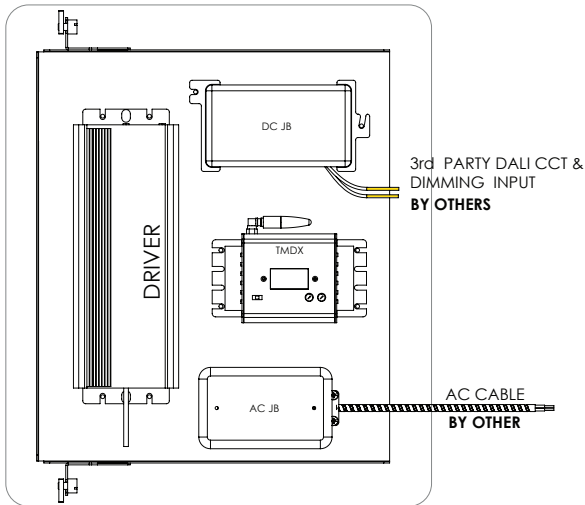
0-10V (0/10)



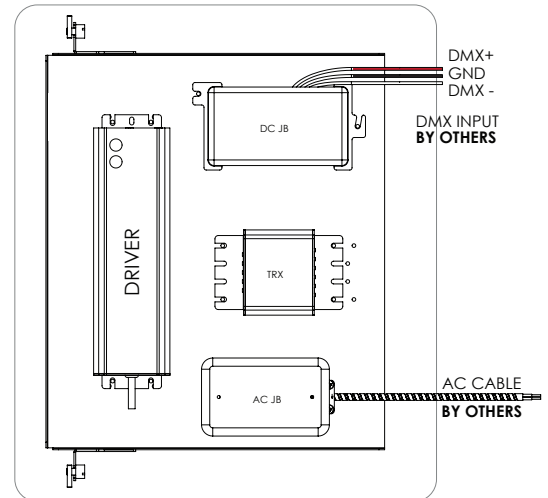
RF Remote (RM)



Dali (DA)



DMX (DMX)



Electrical

Driver models	HLG-60-24A, HLG-100-24A, HLG-150-24A, HLG-240-24A, HLG-320-24A
Input voltage	90-305 V AC, 47-63 HZ
Output voltage	21-24 V DC