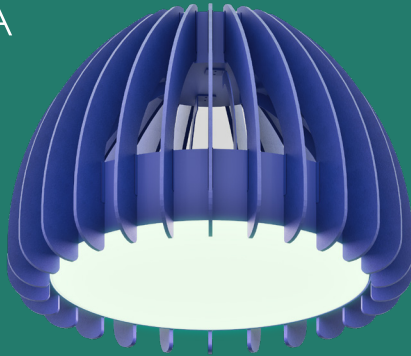


LumiCoustica™
Domus
AURORA



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



LIGHTING PERFORMANCE*

	Output	Size				
		2.5'	3'	4'	5'	6'
Power consumption (Watts)	Premium	43W	58 W	106 W	179 W	248 W
Delivered output (Lumens)		1359 lm	1811 lm	3321 lm	5635 lm	7798 lm

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

ORDERING CODE

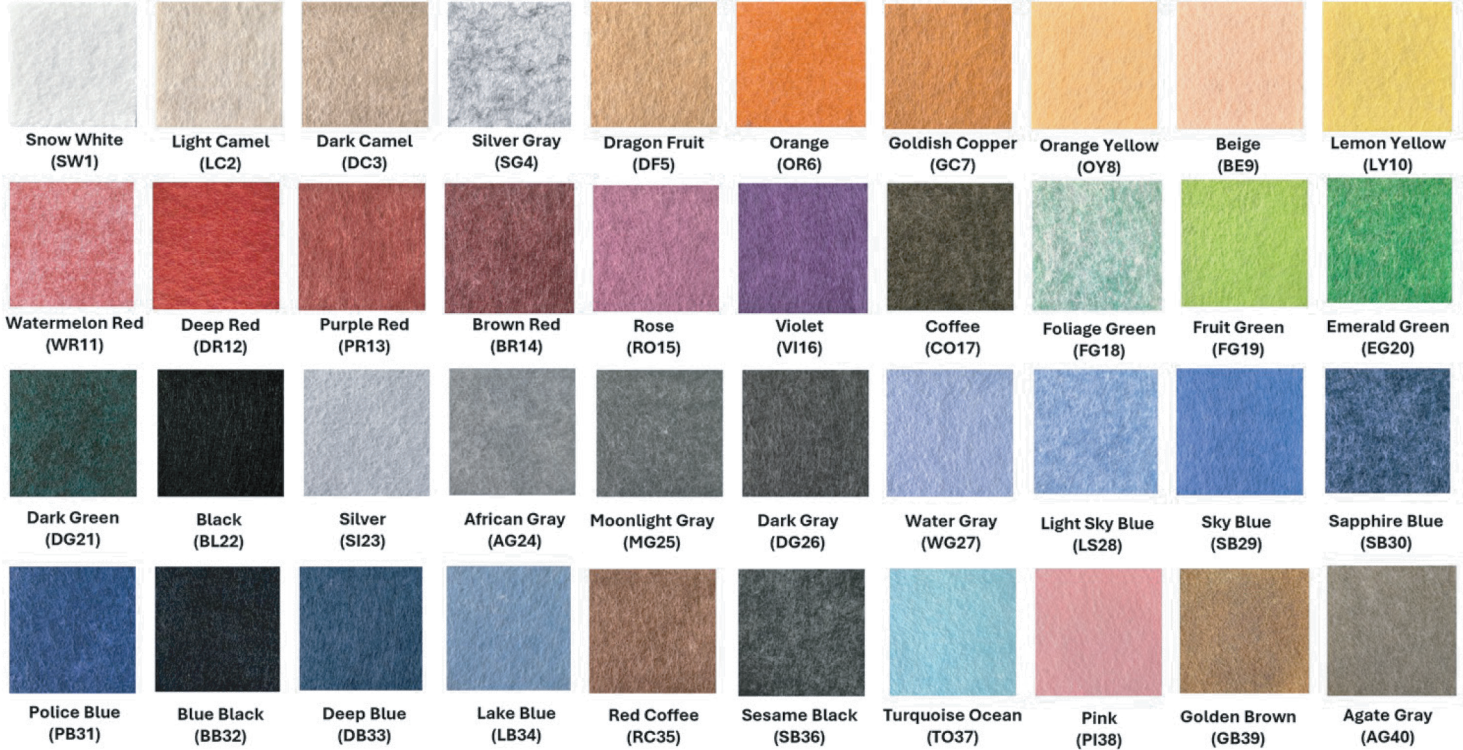
TLS	LCT	DMS	AU	Size	SP	Acoustic PET Color	
	Family	Product	Engine		Mounting		
TLS	LumiCoustica LCT	Domus DMS	Aurora AU	2.5' 2 3' 3 4' 4 5' 5 6' 6	Suspended SP	Select from our PET color chart (page 2)	
Frame color		CCT		Control		P	LS
Black BL		4000K 40K		DMX by TLS DMXT		Premium (746 lm/sqf)** P	LightTex Silent LS
White WH		6500K 65K		DMX by others DMXO			
Silver NS							
Match PET* MP							

*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)

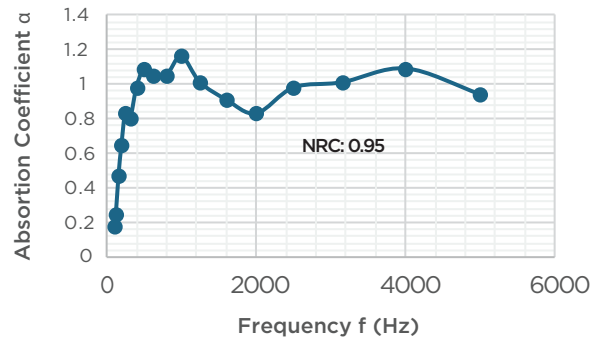
- **Material:** 100% polyester fiber
- **Panel Thickness:** 9 mm
- **Colors:** 40 colors
- **Fire Classification:** B-s1, d0

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.

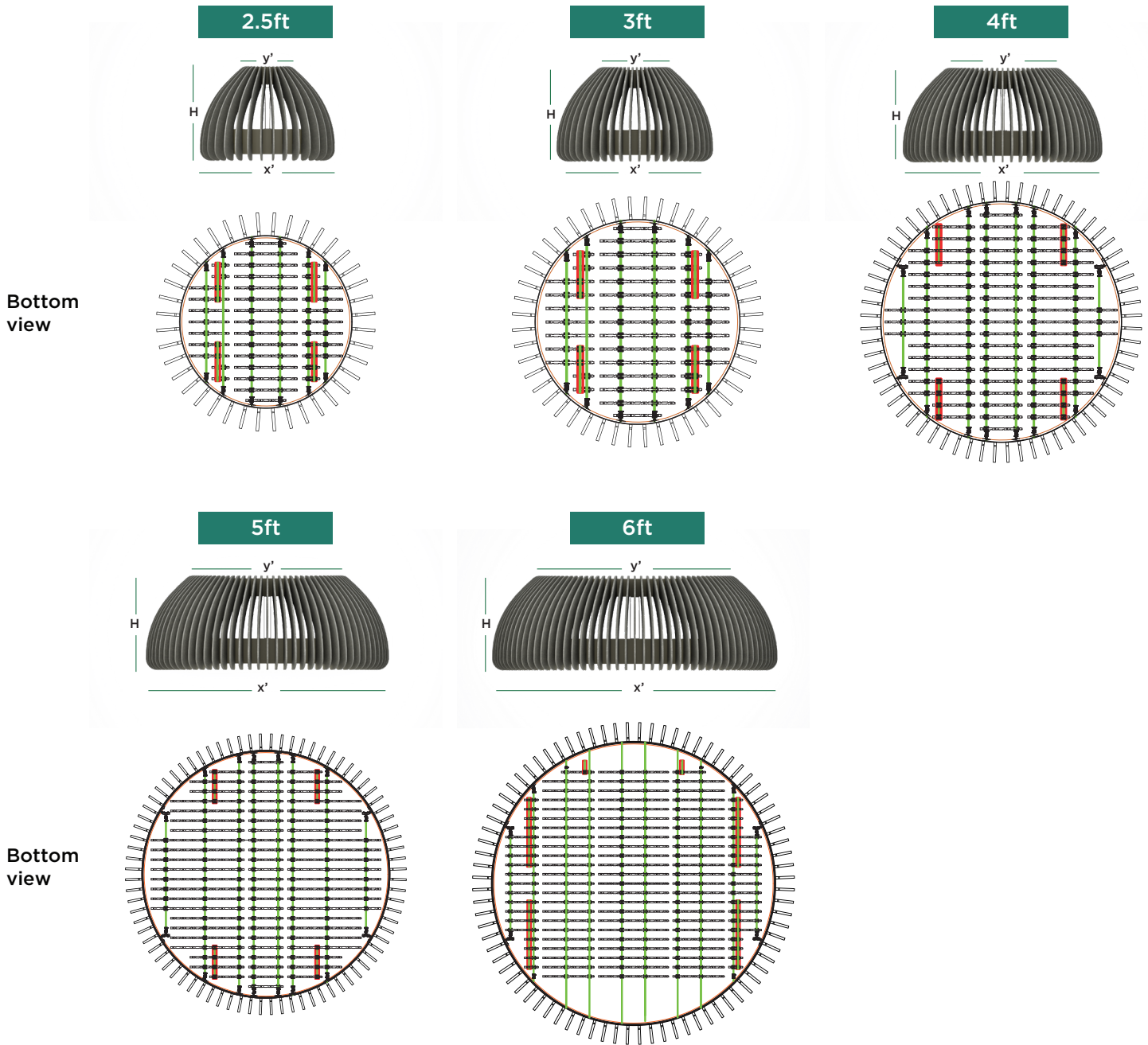
■ Frame color

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

DIMENSIONS



■ LumiCoustica Domus Dimensions

	Diameter (x)		Diameter (y)		Height	
	[mm]	[in]	[mm]	[in]	[mm]	[in]
2.5 ft	962.6	37.9	342.2	13.5	670.4	26.4
3 ft	1115.0	43.9	494.6	19.5	670.4	26.4
4 ft	1419.8	55.9	799.4	31.5	670.4	26.4
5 ft	1724.6	67.9	1104.2	43.5	670.4	26.4
6 ft	2029.4	79.9	1409.0	55.5	670.4	26.4

■ Weight Premium

Size	2.5ft	3ft	4ft	5ft	6ft
Kg	23.72	29.2	41.4	52.5	68.8
Lbs	52.3	64.3	91.2	115.8	151.7

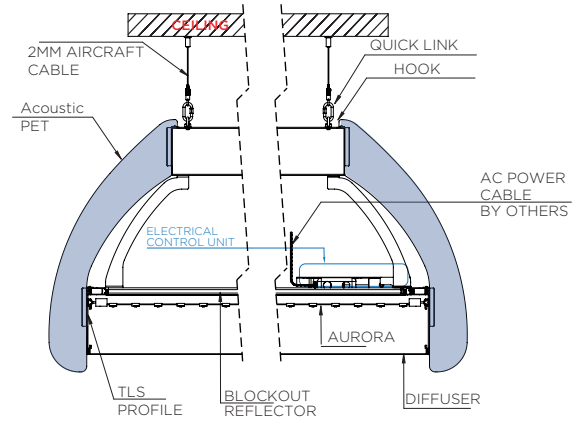
Variations may occur but should not exceed indicated values.

MOUNTING OPTIONS

■ Suspended (SP)



- Hooks to existing ceiling installed by others



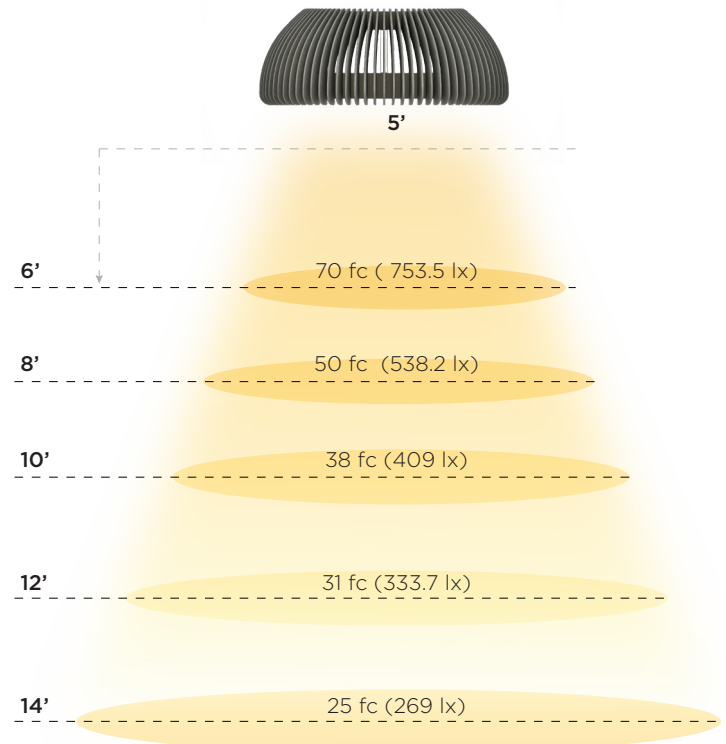
LIGHTING PERFORMANCE AND EFFICIENCY

■ CCT Shifting

Output	CCT	
	4,000K	6,500K
Premium	3,926	6,392

■ Foot Candle per height

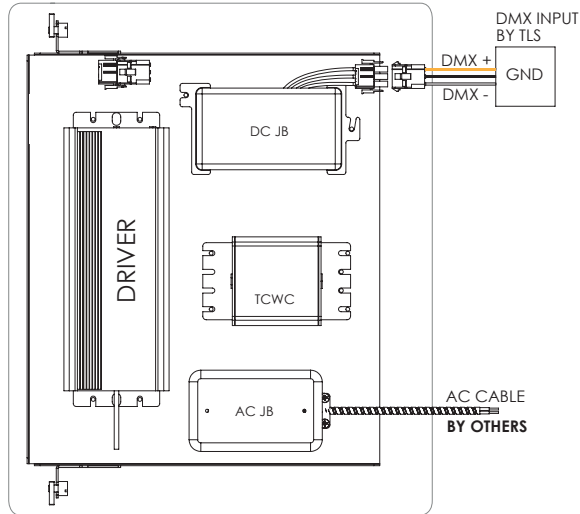
LumiCoustica Domus - Aurora



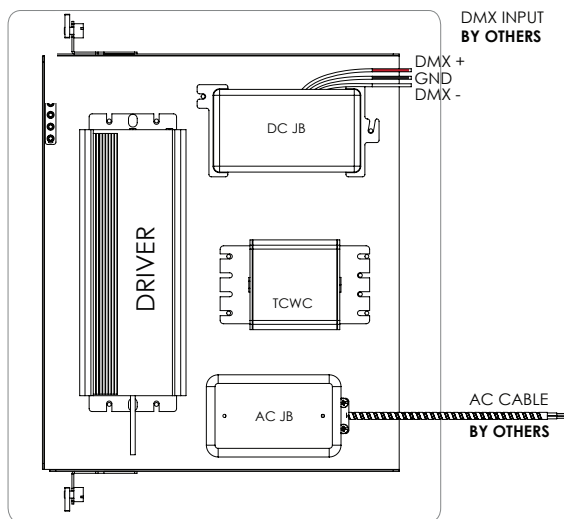
Note: Results are simulated based on 10' x 16' room & Reflection factors C70% W77% & F20%, other measurements available on requests. Multiple panels will influence the foot candle.

CONTROL

- DMX by TLS (DMXT)



- DMX by others (DMXO)



- Electrical

Driver models	HLG-60-15A, HLG-100-15A, HLG-150-15A, HLG-240-15A, HLG-320-15A
Input voltage	90-305 V AC, 47-63 HZ
Output voltage	14-15 V DC