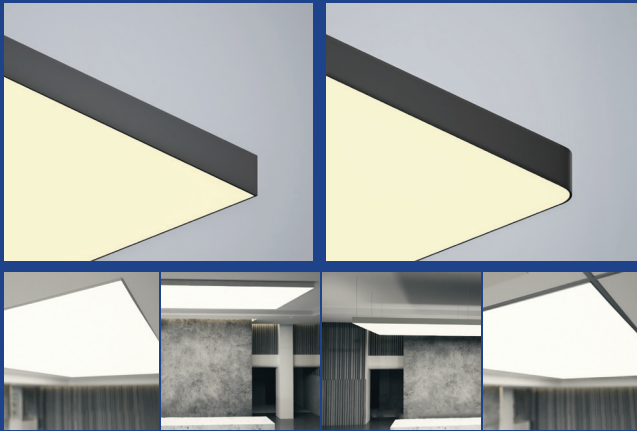


LumiCloud™ Collection CARRA – SOLA



Spec by:

Agency:

Project Name:

Type of Project:

Notes:

IP22
RATED



LIGHTING PERFORMANCE*

	Output	Size					
		2' x 2'	2' x 4'	4' x 4'	8' x 4'	10' x 6'	12' x 8'
Power consumption (Watts)	Premium	22.4W	50.4W	113.4W	252W	490W	798W
Delivered output (Lumens)		917 lm	2064 lm	4644 lm	10320 lm	20067 lm	32680 lm

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

ORDERING CODE

TLS	LC Product	CR Model	SL Engine	Rating
TLS	LumiCloud LC	Carra CR	Sola SL	Indoor IN Outdoor OUT

Size	Frame	Mounting	Frame color	CCT	P Output*	Control	LS Diffuser
2' x 2' 2x2	Frameless squared corner SQ	Recessed RD	Black BL	2700-6500K 27K_65K	Premium (859 lm/sqf) ³ P	0-10V O/10	LightTex LS
2' x 4' 2x4	Frameless rounded corner RO	Surface SF	White WH	2700-4000K 27K_40K		Remote RM	Silent
4' x 4' 4x4		Suspended SP	Clear Anodized CA			Dali DA	
8' x 4' 8x4		T-bar ¹ TB	Silver ² NS			DMX DMX	
10' x 6' 10x6		Wall Surface WLS					
12' x 8' 12x8		Wall Recessed WLR					

¹ Not for rounded corners

² Only for rounded corners

³ Lm/sqf are calculated at LED source

TECHNICAL SPECIFICATIONS

■ 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

■ Frame color

Material	Aluminum		
Standard colors	Black 	White 	Clear Anodized 

Note: Custom colors are available for LumiCloud Bespoke model

■ Lighting

Ingress protection	IP65 - IP22 (indoor)
CRI	~ 90 (white LED)
LM80 *	> 150,000 hours
Operating temperature	-30 °C TO 80 °C

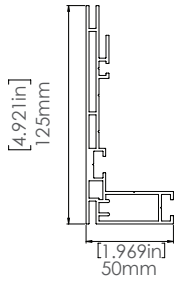
Note: *LM80 Test is only applicable to white pixels.

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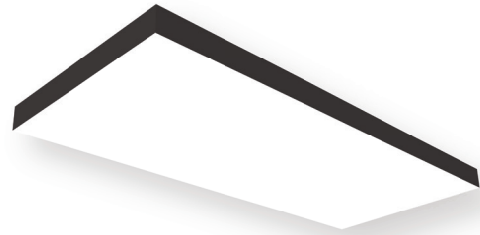
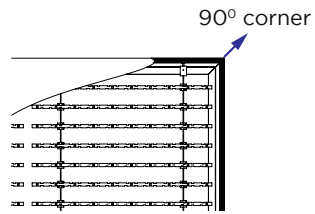
* Warranty Terms and Conditions at www.tls-led.com/warranty

FRAME

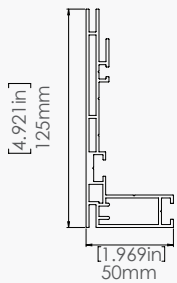
■ Frameless square corner (SQ)



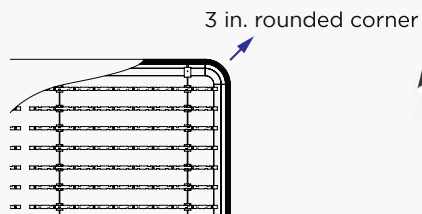
FLS 2125-V2



■ Frameless rounded corners (RO)

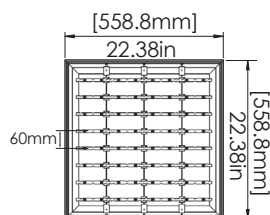


FLS 2125-V2

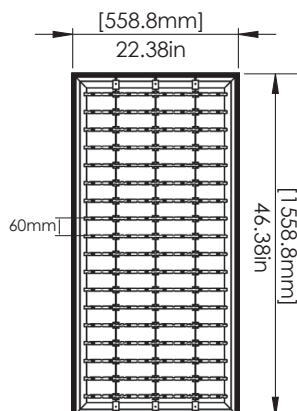


SIZES PREMIUM

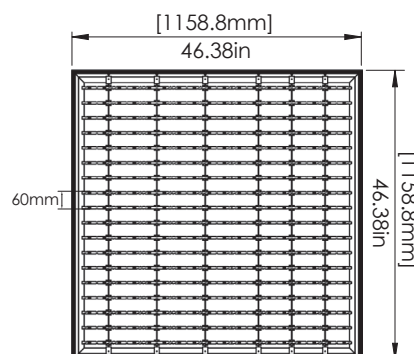
2'x2'



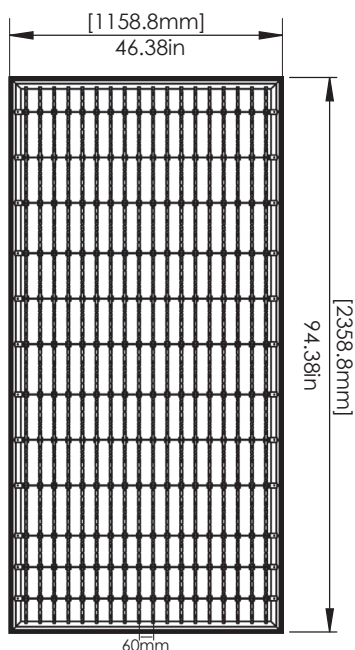
2'x4'



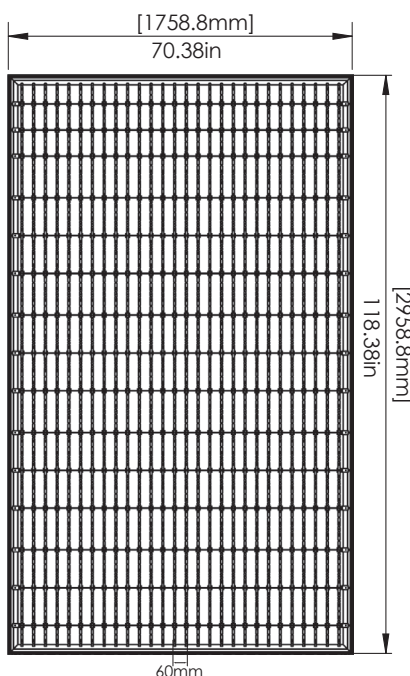
4'x4'



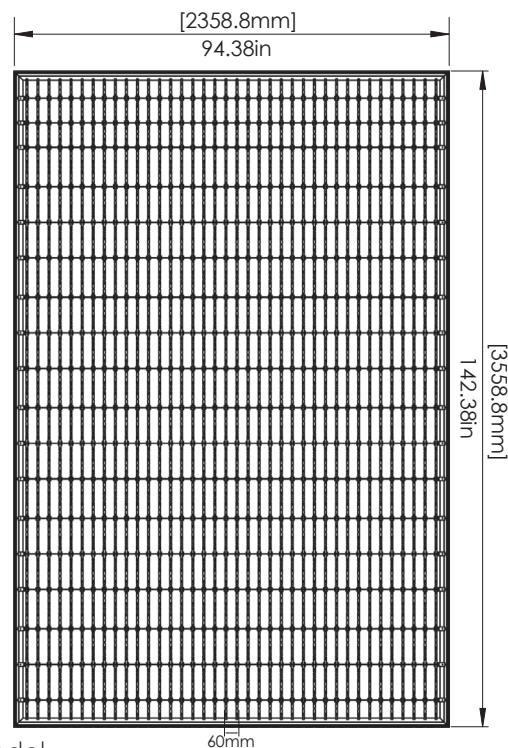
8'x4'



10'x6'



12'x8'



Note: Custom dimensions are available with LumiCloud™ Bespoke model.

■ Weight Premium

Size	2'x2'	2'x4'	4'x4'	8'x4'	10'x6'	12'x8'
Kg	12.7	17.1	21.7	33	58.8	70
Lbs	28	37.69	47.84	72.75	130	154

Variations may occur but should not exceed indicated values.

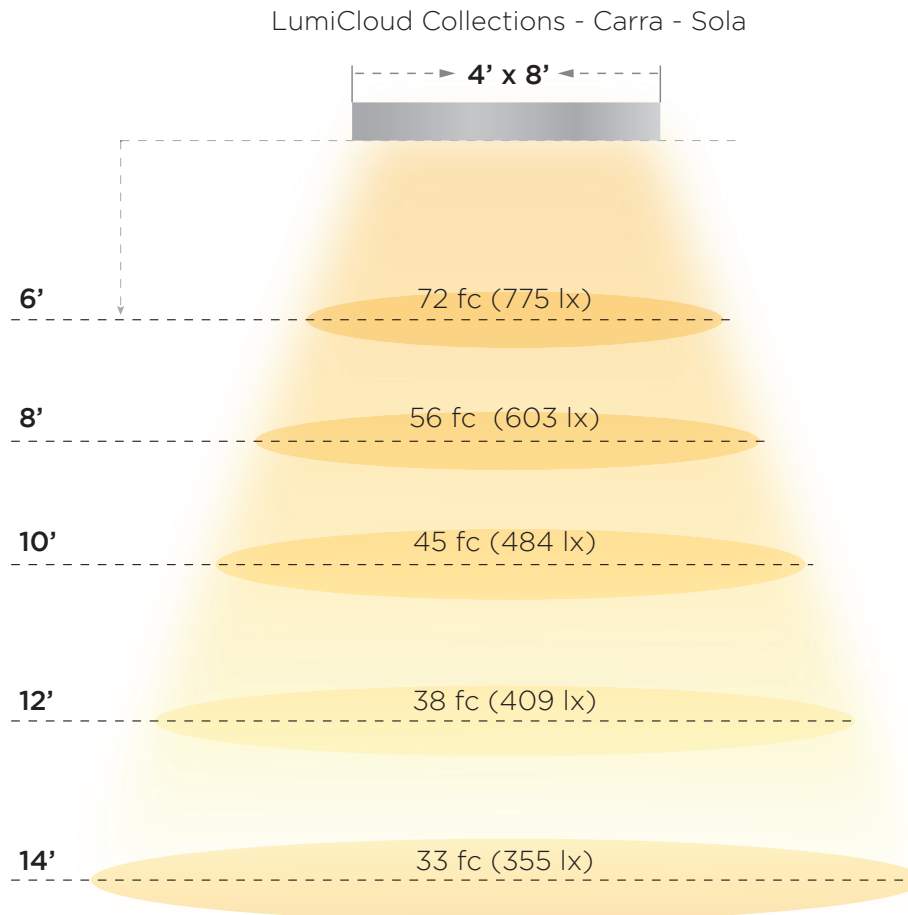
LIGHTING PERFORMANCE AND EFFICIENCY

■ CCT Shifting

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

■ Foot Candle per height

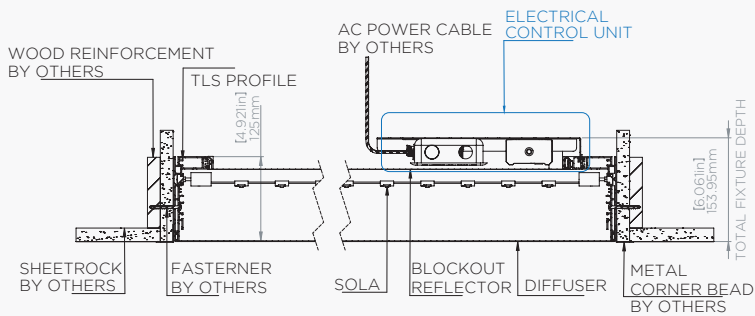
*Below dimensions are based on Premium Light Tex Silent



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.

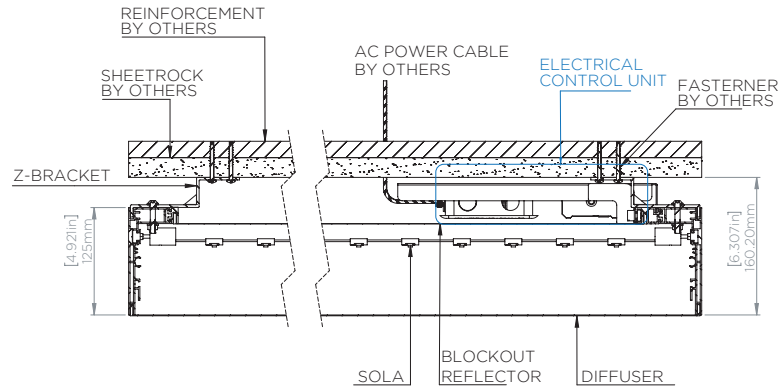
MOUNTING OPTIONS

Recessed (RD)

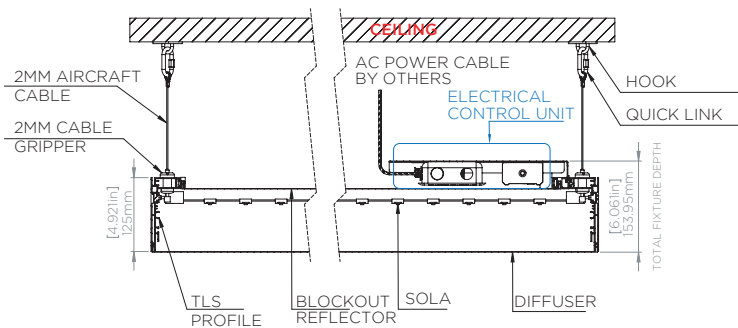


- Cavity to be 1/8" (3mm) over nominal
- Cavity to be minimum 7" (177.8mm) deep

Surface (SF)

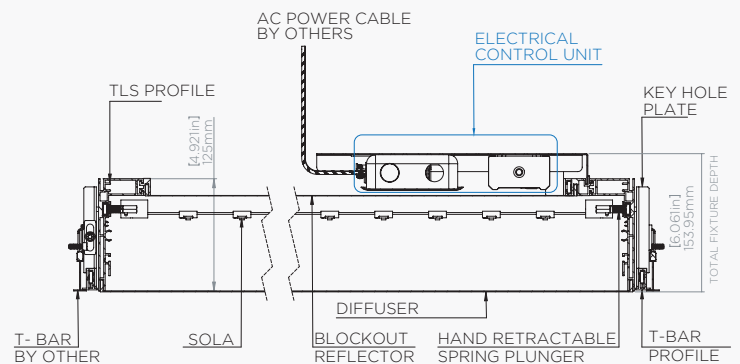


Suspended (SP)



- Hooks to existing ceiling installed by others

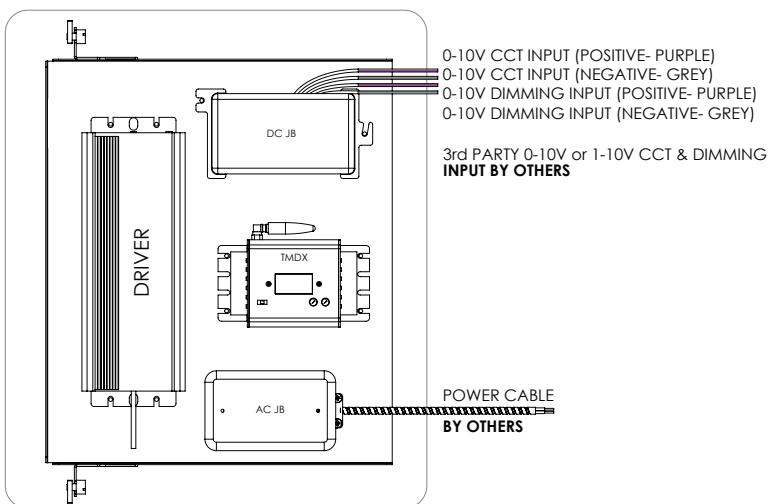
T-bar (TB)



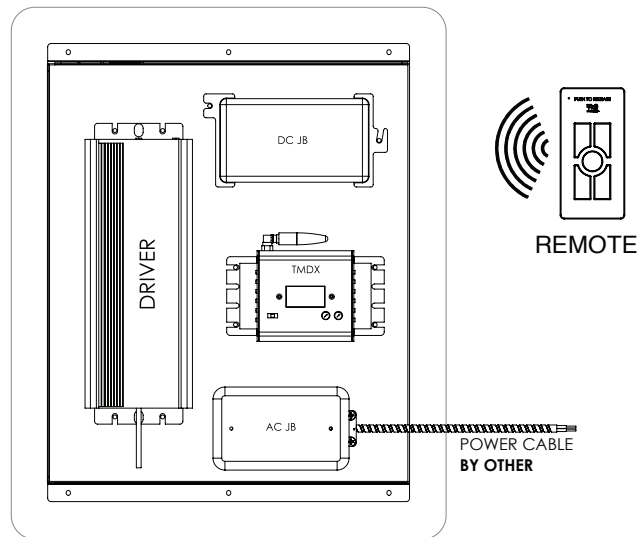
Note: Parts reference numbers are available upon request.

CONTROL

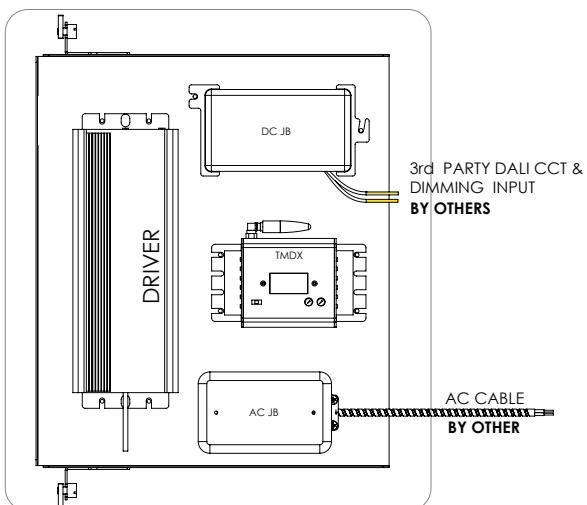
■ 0-10V (0/10)



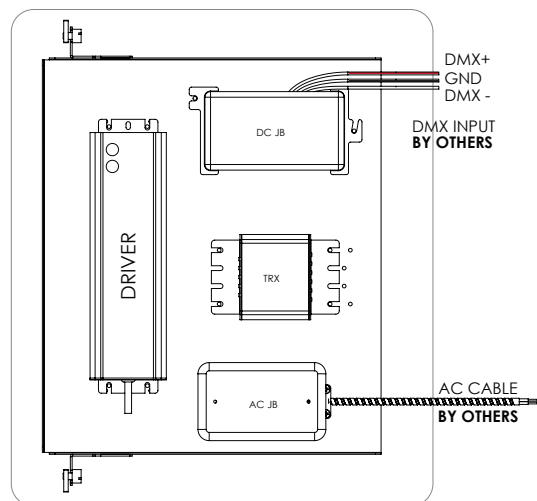
■ RF Remote (RM)



■ 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