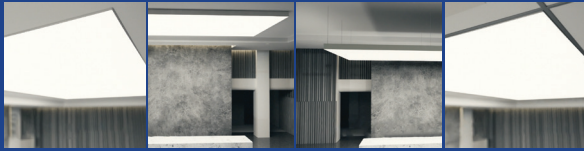
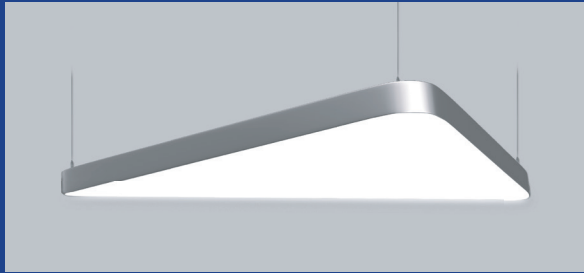


LumiCloud™ Bespoke ASTRA



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)		1754 lm	3947 lm	8882 lm	19737 lm	38378 lm	62501 lm
Power consumption (Watts)	Standard	11.2W	25.2W	56.7W	126W	245W	399W
Delivered output (Lumens)		550 lm	1237 lm	2783 lm	6185 lm	12026 lm	19585 lm

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

ORDERING CODE

TLS	LC Product	BE Model	AS Engine	Rating	Shape	Dimensions	Application
TLS	LumiCloud LC	Bespoke BE	Astra AS	Indoor IN Outdoor OUT	Rectangle RC Circle CC Triangle TR Hexagone HX Custom CS	W x L WxL Dimensions D L1xL2xL3 L1xL2xL3 Hexagone HL Custom*	Ceiling CL Wall WL Other OT
						*Please specify	

Mounting	Frame	Frame color	CCT	Output*	Control	Diffuser
Recessed RD	Frameless squared corner SQ	Black BL	2200K 22K	Premium (909 lm/sqf)* P	0-10V 0/10	LightTex Silent LS
Surface SF	Frameless rounded corner RO	White WH	2700K 27K	Standard (494 lm/sqf)* S	Remote RM	LightFoil LF
Suspended SP	Frame square corners FS	Silver NS	3000K 30K	Custom output CO	Dali DA	LightTex Media LM
T-bar* TB	Frame rounded corners FR	RAL RAL	3500K 35K		No dimming ND	
	Not applicable* NA		4000K 40K			
			5600K 56K			
			6500K 65K			

*Only available for rectangle.

*For Circle.

* Lm/sqf are calculated at LED source

TECHNICAL SPECIFICATIONS

■ Diffuser

	Light Foil	Light Tex Silent	LightTex Media
Material	PVC	100 % Polyester	100 % Polyester
Weight	215 gr/m2 (20 gr/ft2)	172 gr/m2 (16 gr/ft2)	172 gr/m2 (16 gr/ft2)
Fire classification	NFPA-701, B-s2, d0 (in acc. with DIN EN 14716)	NFPA-701, B1, EN 13501-1, B-s1, d0	NFPA-701, B1, EN 13501-1, B-s1, d0
Transmission rate	59%	37%	N/A
CCT shift	0-800K (see table page 5)	0-50K (see table page 5)	N/A
NRC	N/A	0.82	N/A

■ Frame color

Material	Aluminum			
Standard colors	Black 	White 	Silver 	RAL 

■ Lighting

Ingress protection	IP22 (indoor) IP65 (outdoor)
CRI	> 90 (white LED)
LM80 *	> 36,000 hours
Operating temperature	-30 °C TO 80 °C

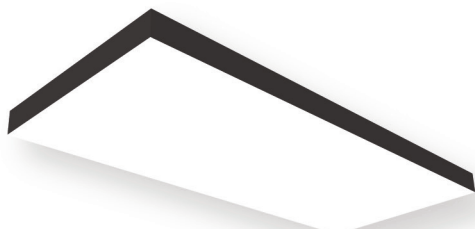
Note: *LM80 Test is only applicable to white pixels.

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

SHAPE

■ Rectangle



■ Circle



■ Triangle



■ Hexagone

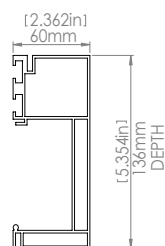


■ Custome shape

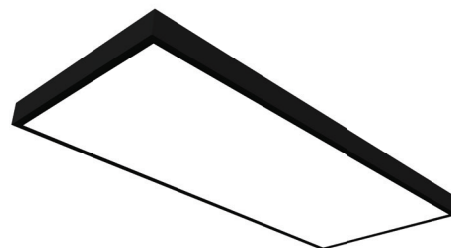
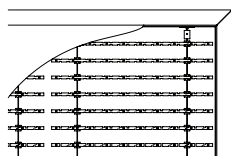


FRAME

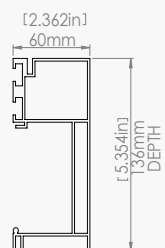
■ Frame square corners (FS)



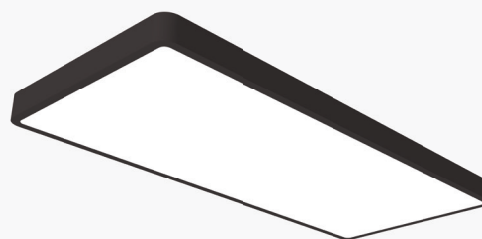
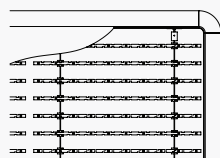
FLS 2135



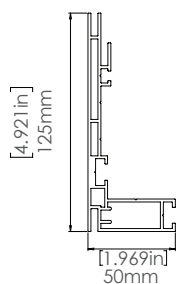
■ Frame rounded corners (FR)



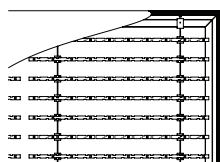
FLS 2135



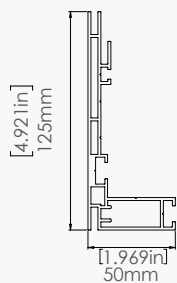
■ Frameless square corner (SQ)



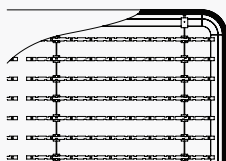
FLS 2125



■ Frameless rounded corners (RO)



FLS 2125



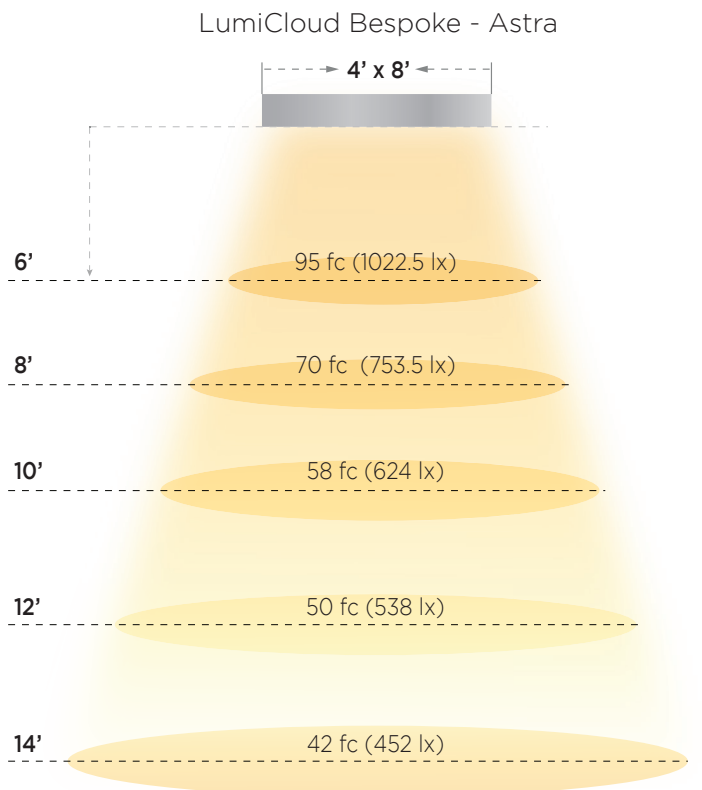
LIGHTING PERFORMANCE AND EFFICIENCY

■ CCT Shifting - Light Foil

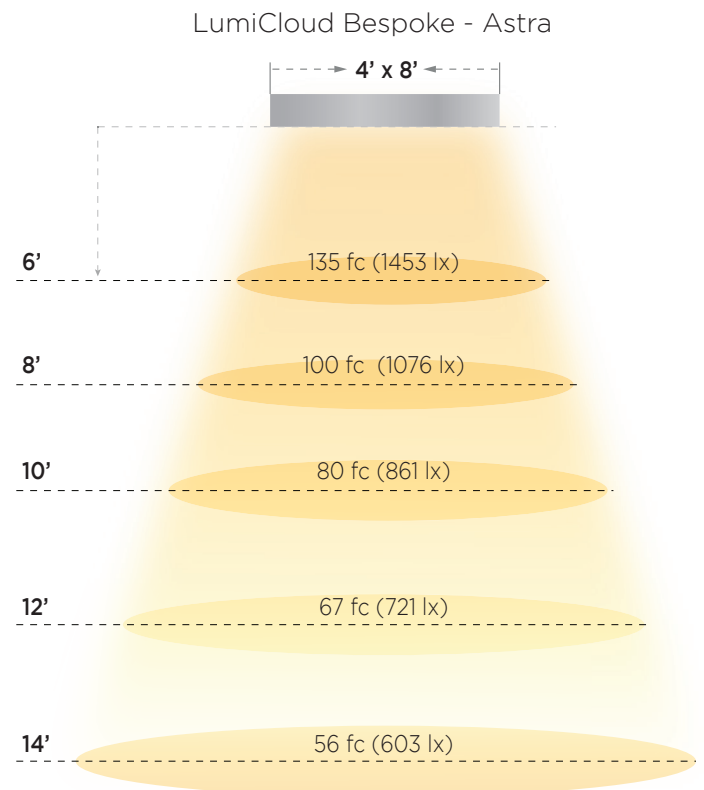
Output	CCT						
	2,200K	2,700K	3,000K	3,500K	4,000K	5,600K	6,500K
Premium	2,111	2,576	2,887	3,225	3,704	5,080	5,767
Standard	-	2,584	2,871	3,265	3,669	5,020	5,696

*Power consumption and delivered output values are based on 6500K CCT with the Light Foil

■ Foot Candle per height



*Dimensions are for Premium with **LightTex Silent**.

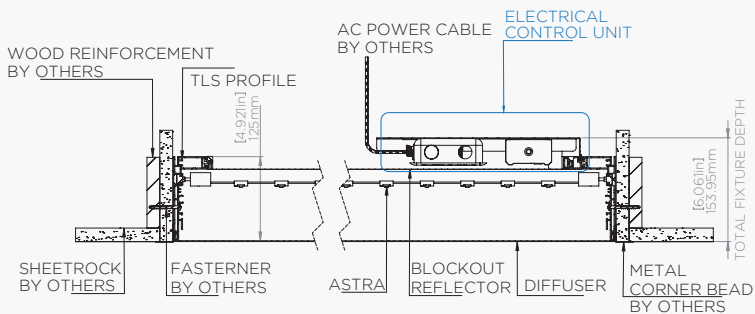


*Dimensions are for Premium with **Light Foil**.

Note: Results are simulated based on 10' x 16' room & Reflection factors C70% W77% & F20% , other measurements available on requests.

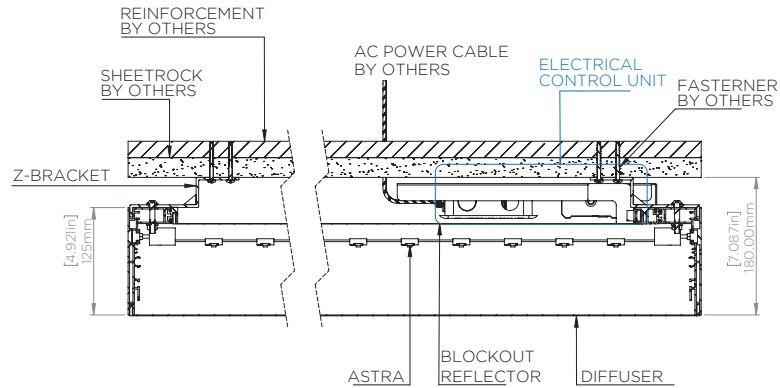
MOUNTING OPTIONS (PREMIUM)

Recessed (RD)

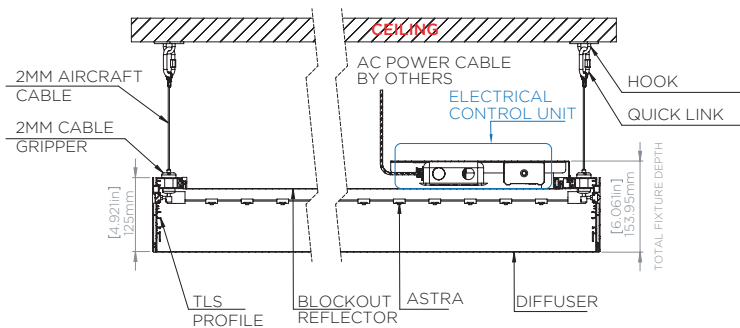


- Cavity to be 1/8" (3mm) over nominal
- Cavity to be minimum 7" (177.8mm) deep

Surface (SF)

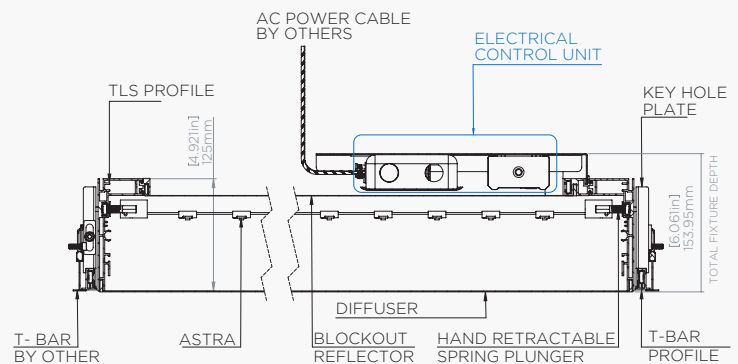


Suspended (SP)



- Hooks to existing ceiling installed by others

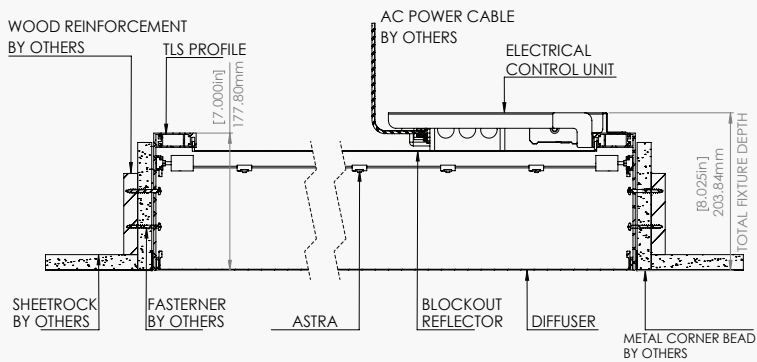
T-bar (TB)



Note: Parts reference numbers are available upon request.

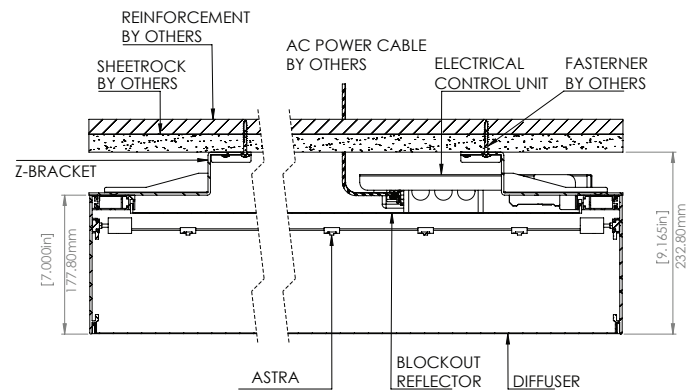
MOUNTING OPTIONS (STANDARD)

Recessed (RD)

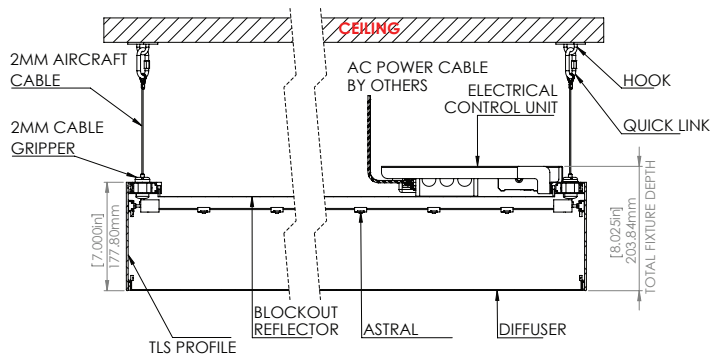


- Cavity to be 1/8" (3mm) over nominal
- Cavity to be minimum 7" (177.8mm) deep

Surface (SF)

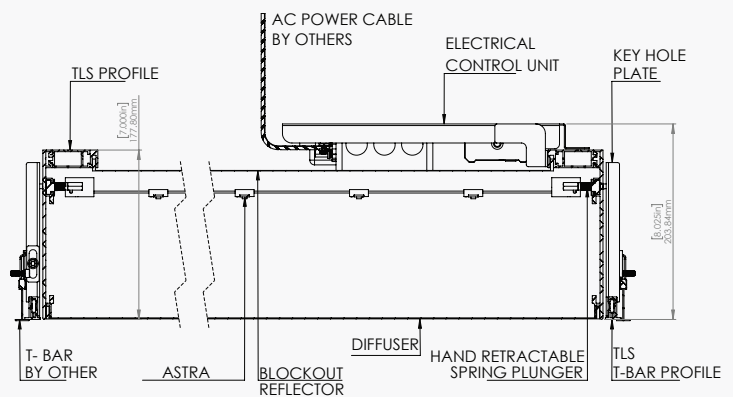


Suspended (SP)



- Hooks to existing ceiling installed by others

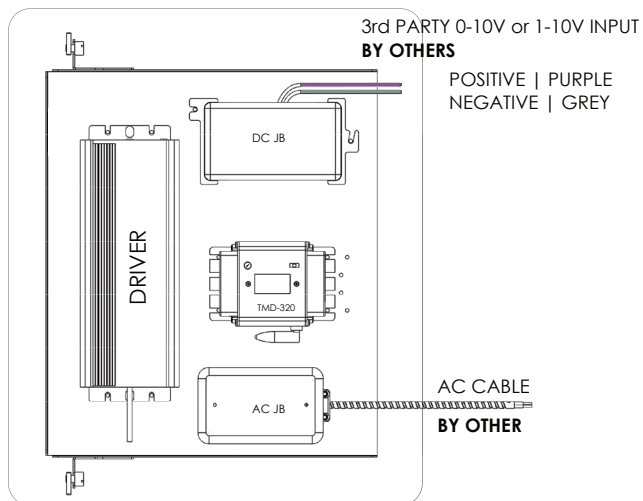
T-bar (TB)



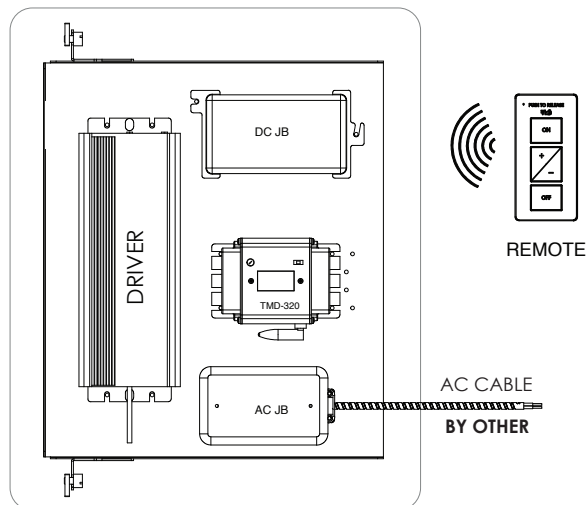
Note: Parts reference numbers are available upon request.

CONTROL

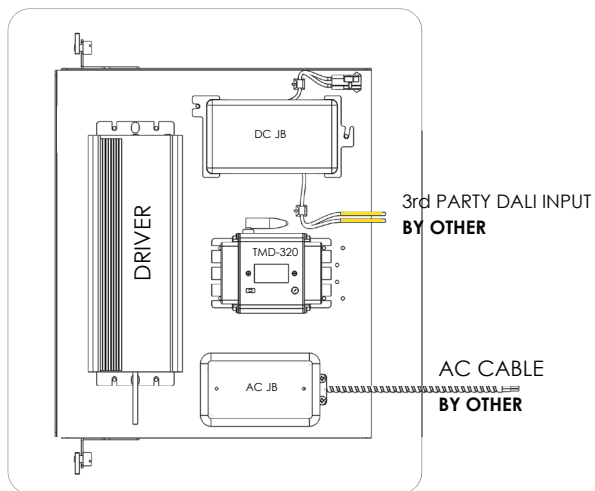
■ 0-10V (0/10)



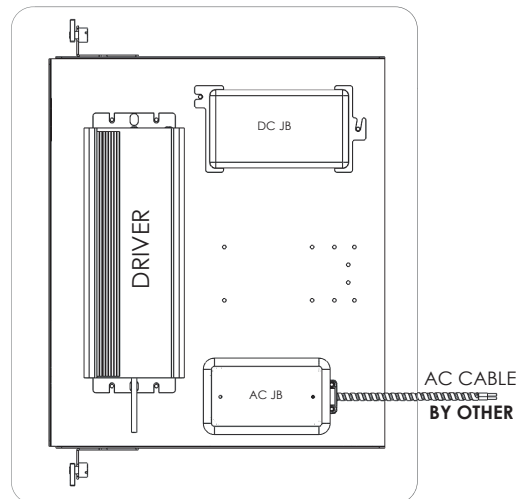
■ RF Remote (RM)



■ Dali (DA)



■ No dimming (ND)



■ 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