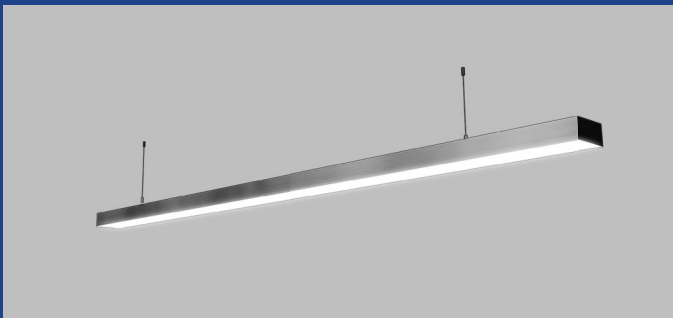


LumiCloud™ Collection LINÉA – ASTRA



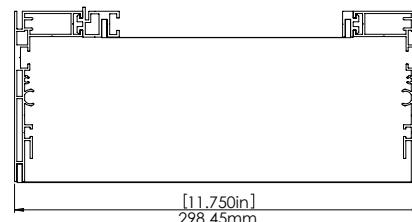
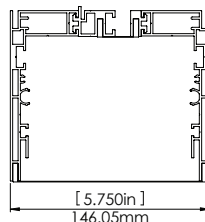
Spec by:

Agency:

Project Name:

Type of Project:

Notes:



LIGHTING PERFORMANCE*

	Output	Size					
		6"x4'	6"x 6'	6"x8'	6"x10'	6"x16'	6"x20'
Power consumption (Watts)	Premium	21W	31.5W	42W	52.5W	84.7W	106.4W
Delivered output (Lumens)		1042.5 lm	1563.75 lm	2085 lm	2606.25 lm	4204.75 lm	5282 lm
		12"x4'	12"x 6'	12"x8'	12"x10'	12"x16'	12"x20'
Power consumption (Watts)		42W	63W	84W	105W	169.4W	212.8W
Delivered output (Lumens)		2085 lm	3125.5 lm	4170 lm	5212.5 lm	8409.5 lm	10564 lm

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

ORDERING CODE

TLS	LC	LN	AS				
	Product	Model	Engine	Size (Width)		Rating	
TLS	LumiCloud LC	Linéa LN	Astra AS	6"	6W	Indoor	IN
				12"	12W	Outdoor	OUT

Size (Length)	Mounting	Frame color	CCT	Output*	Control	LS
						Diffuser
4' 4L	Recessed RD	Black BL	2200K 22K	Custom (40mm) CO	0-10V O/10	LightTex Silent LS
6' 6L	Surface SF	White WH	2700K 27K		Remote RM	
8' 8L	Suspended SP	Silver NS	3000K 30K		Dali DA	
10' 10L	T-bar TB		3500K 35K			
16' 16L	Wall Surface WLS		4000K 40K			
20' 20L	Wall Recessed WLR		5600K 56K			
			6500K 65K			

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 	Silver 

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

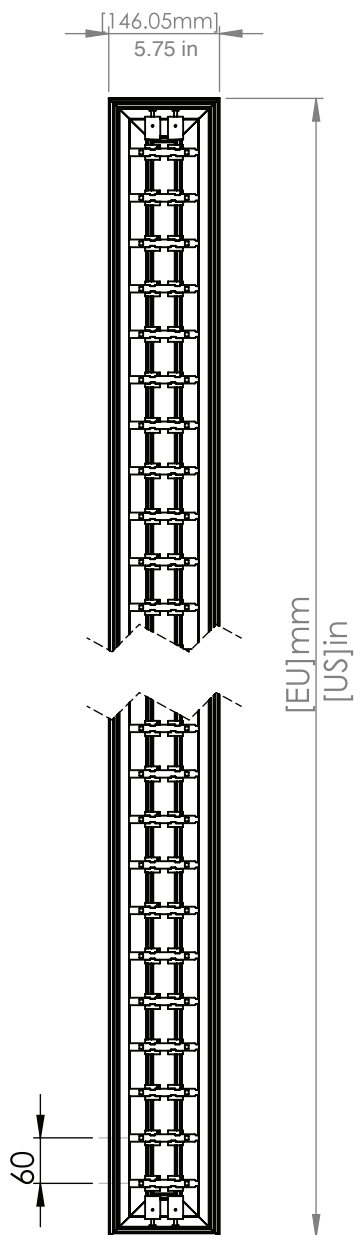
Note: *LM80 Test is only applicable to white pixels.

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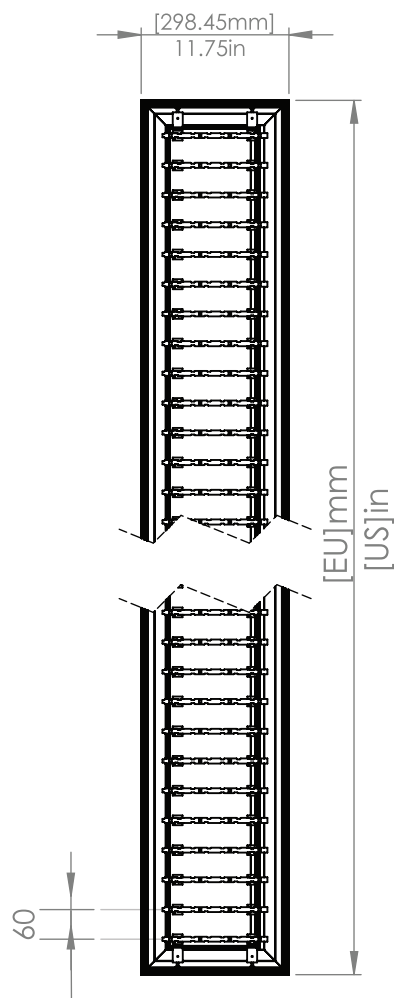
* Warranty Terms and Conditions at www.tls-led.com/warranty

SIZE

■ Linéa 6"x(H)



■ Linéa 12"x(H)



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

■ Weight Linéa 6"x(H)

Size	6"x4'	6"x 6'	6"x8'	6"x10'	6"x16'	6"x20'
Kg	14.89	18.68	22.47	26.26	37.65	45.23
Lbs	32.84	41.19	49.55	57.91	83.02	99.73

■ Weight Linéa 12"x(H)

Size	6"x4'	6"x 6'	6"x8'	6"x10'	6"x16'	6"x20'
Kg	16.04	19.88	23.72	27.56	39.09	46.77
Lbs	35.36	43.83	52.3	60.76	86.2	103.13

Variations may occur but should not exceed indicated values

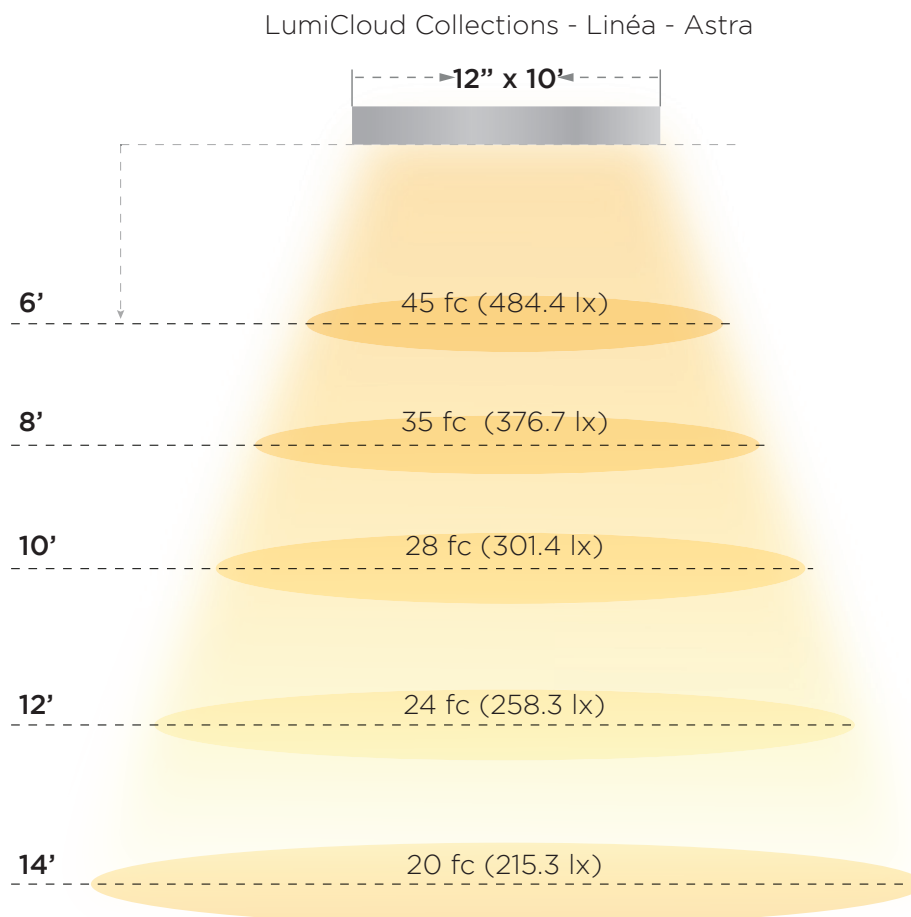
LIGHTING PERFORMANCE AND EFFICIENCY

■ CCT Shifting

Output	CCT						
	2,200K	2,700K	3,000K	3,500K	4,000K	5,600K	6,500K
Premium	2,148	2,665	2,995	3,380	3,938	5,703	6,513

■ Foot Candle per height

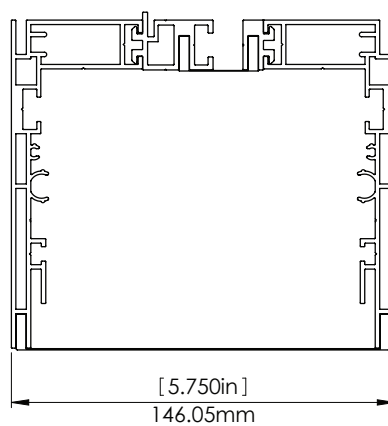
*Below dimensions are based on Premium Light Tex Silent



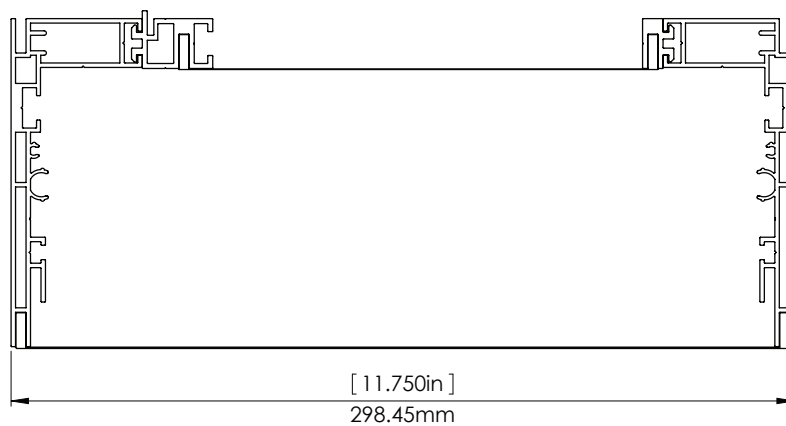
Note: Results are simulated based on 10' x 10' room & Reflection factors C70% W77% & F20% , other measurements available on requests.

SECTION VIEWS

■ Linéa 6"

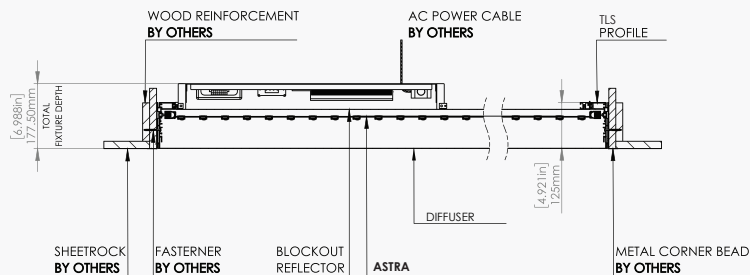


■ Linéa 12"



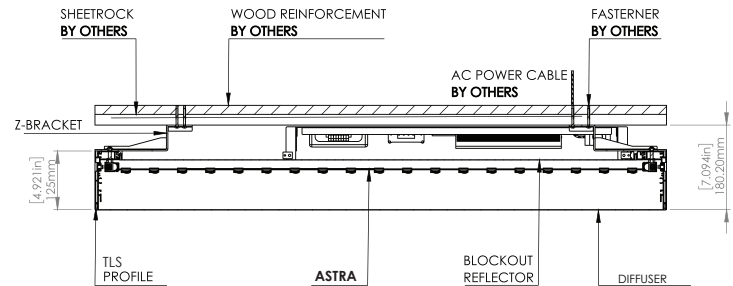
MOUNTING OPTIONS

Recessed (RD)

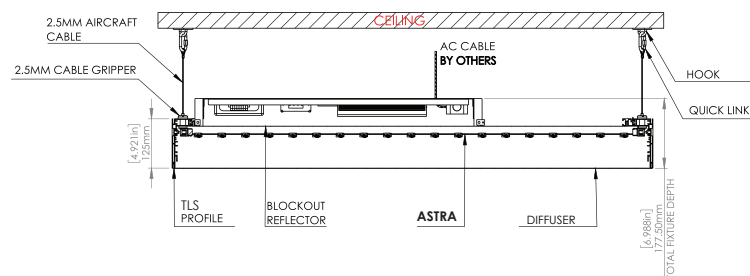


- Cavity to be 1/8" (3mm) over nominal
- Cavity to be minimum 7" (177.8mm) deep

Surface (SF)

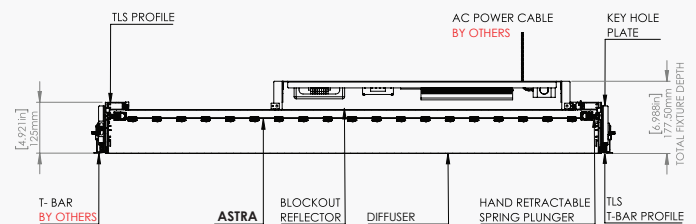


Suspended (SP)



- Hooks to existing ceiling installed by others

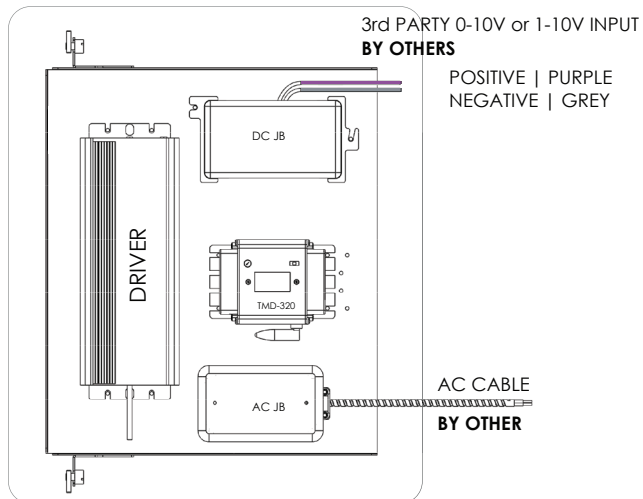
T-bar (TB)



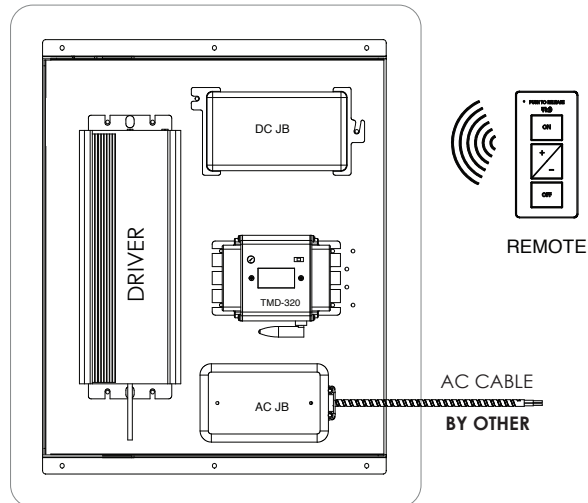
Note: Parts reference numbers are available upon request.

CONTROL

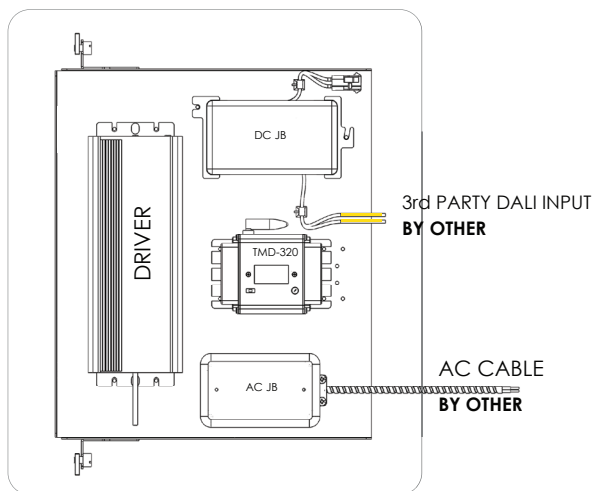
■ 0-10V (0/10)



■ RF Remote (RM)



■ Dali (DA)



■ 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