

LumiCloud™ Collection CIRCA – ASTRA



Spec by:

Agency:

Project Name:

Type of Project:

Notes:

IP22
RATED



LIGHTING PERFORMANCE*

	Output	Type					
		3ft	4ft	5ft	6ft	8ft	10ft
Power consumption (Watts)	Premium	50.4W	92.4W	156.8W	217W	414.4W	664.3W
Delivered output (Lumens)		2502 lm	4587 lm	7784 lm	10773 lm	20572 lm	32978 lm
Power consumption (Watts)	Standard	29.4W	47.6W	70W	114.8W	212.8W	336.7W
Delivered output (Lumens)		940.8 lm	1523.2 lm	2240 lm	3673.6 lm	6809.6 lm	10774.4 lm

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

ORDERING CODE

TLS	LC	CI	AS	Rating
	Product	Model	Engine	
TLS	LumiCloud LC	Circa CI	Astra AS	Indoor IN Outdoor OUT

Dimensions	Mounting	Frame color	CCT	Output*	Control	LS Diffuser
3' 2	Recessed RD	Black BL	2200K 22K	Premium (909 lm/sqft)* P	0-10V O/10	LightTex Silent LS
4' 4	Surface SF	White WH	2700K 27K	Standard (494 lm/sqft)* S	Remote RM	
5' 5	Suspended SP	Silver NS	3000K 30K		Dali DA	
6' 6	Wall Surface WLS		3500K 35K			
8' 8	Wall Recessed WLR		4000K 40K			
10' 10			5600K 56K			
			6500K 65K			




* Lm/sqft 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 	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

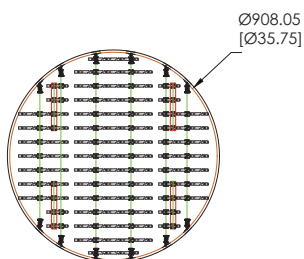
Note: *LM80 Test is only applicable to white pixels.

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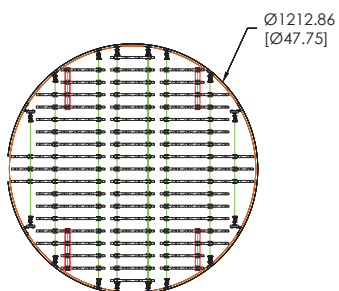
* Warranty Terms and Conditions at www.tls-led.com/warranty

SIZES PREMIUM

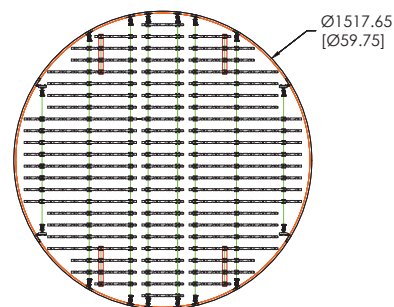
3ft



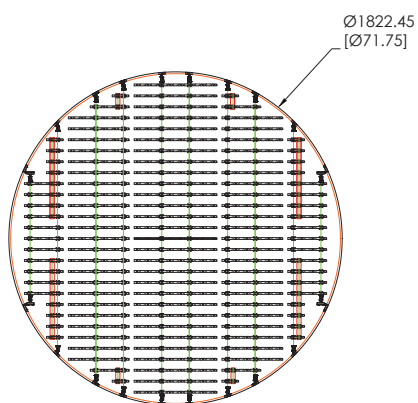
4ft



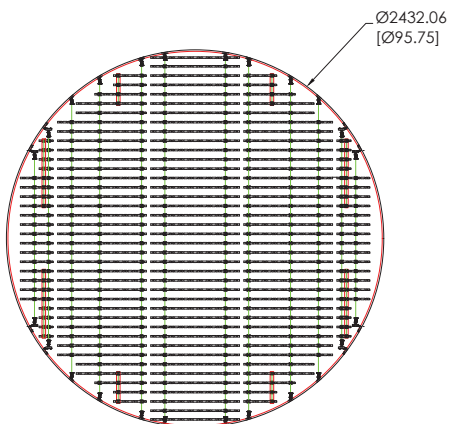
5ft



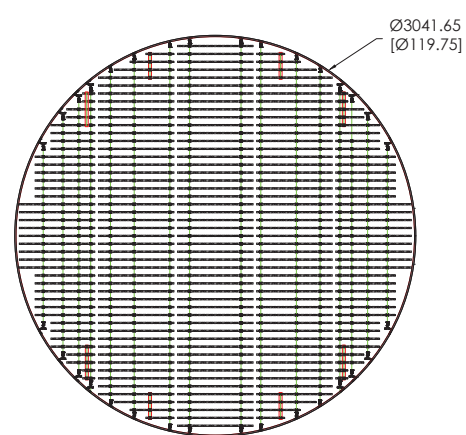
6ft



8ft



10ft



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

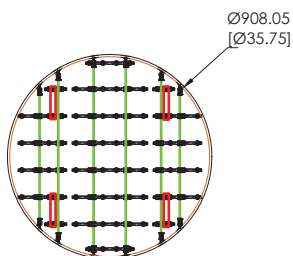
■ Weight Premium

Size	3ft	4ft	5ft	6ft	8ft	10ft
Kg	20.35	25.3	30.14	35.88	51	71.8
Lbs	44.86	55.77	66.45	79.10	112.44	156.7

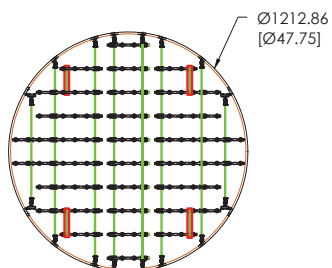
Variations may occur but should not exceed indicated values.

SIZES STANDARD

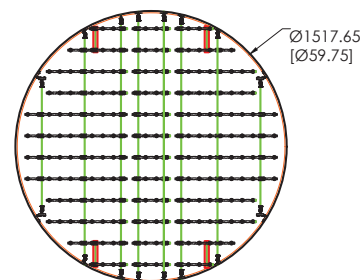
3ft



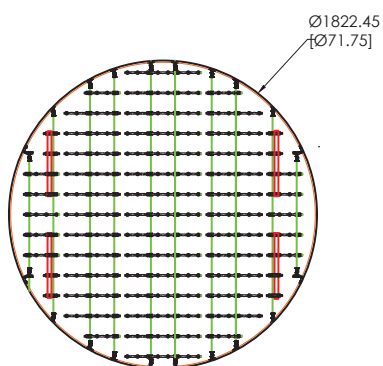
4ft



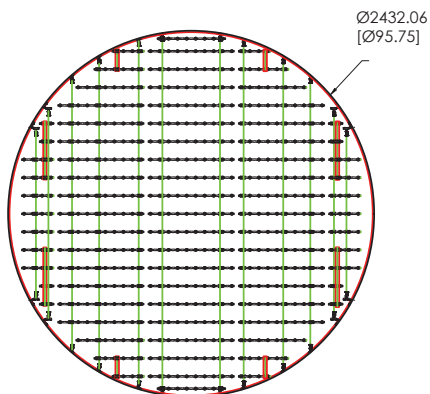
5ft



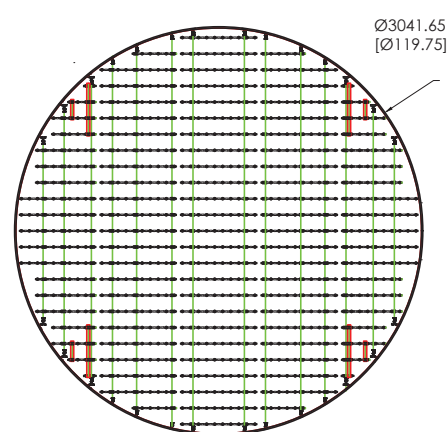
6ft



8ft



10ft



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

■ Weight Standard

Size	3ft	4ft	5ft	6ft	8ft	10ft
Kg	20.04	24.79	29.44	34.7	46.78	63.48
Lbs	44.18	54.66	64.9	76.5	103.12	139.95

Variations may occur but should not exceed indicated values.

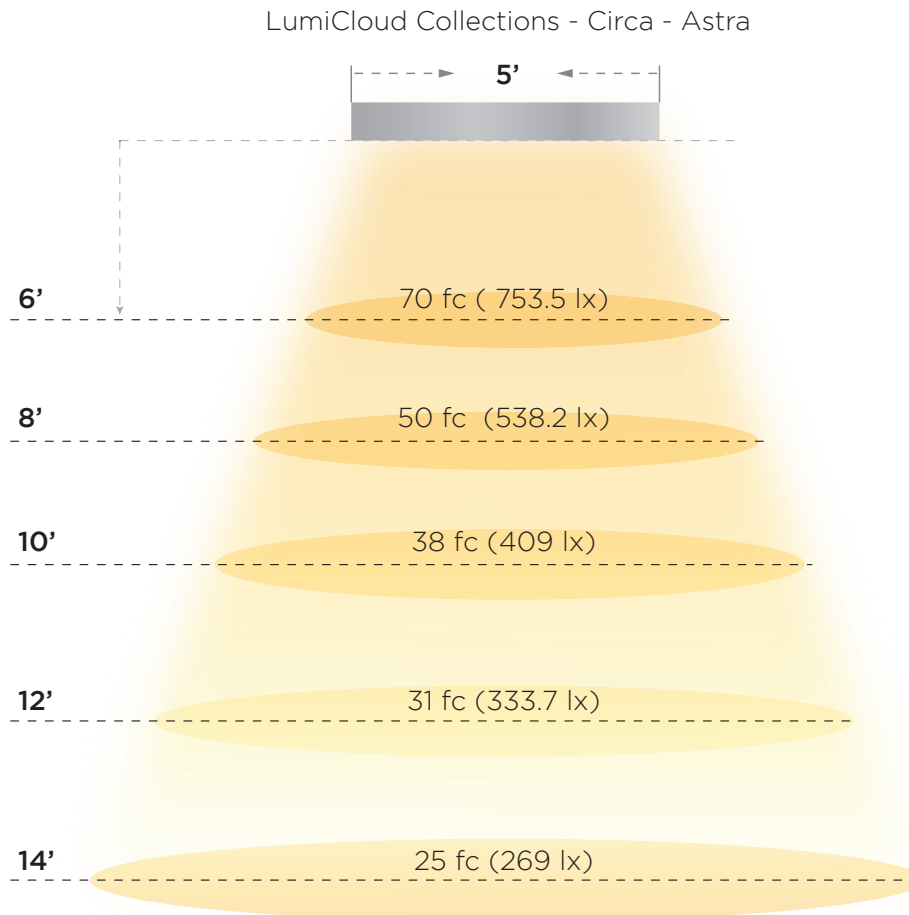
LIGHTING PERFORMANCE AND EFFICIENCY

■ 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
Standard	-	2,662	2,973	3,426	3,899	5,584	6,419

■ Foot Candle per height

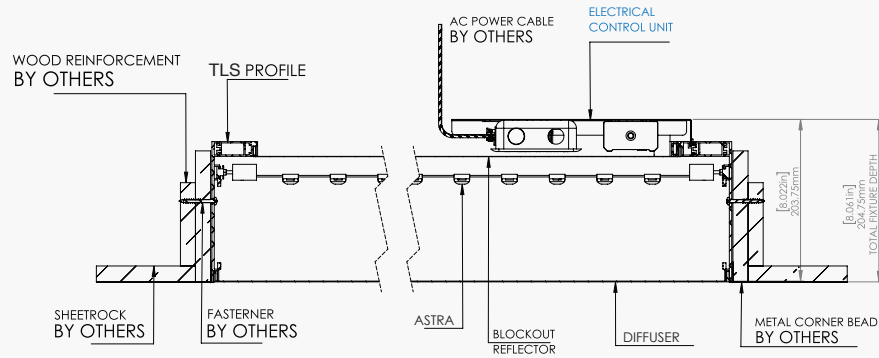
*Below dimensions are based on Premium Light Tex Silent



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

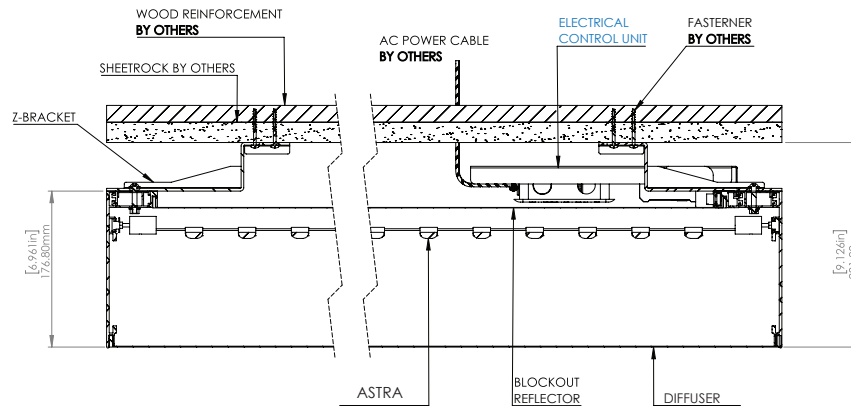
MOUNTING OPTIONS

■ Recessed (RD)

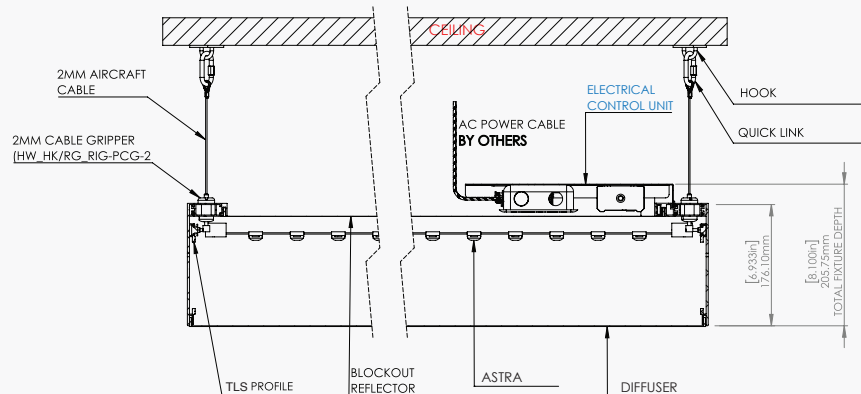


- Cavity to be 1/8" (3mm) over nominal
- Cavity to be minimum 7" (177.8mm) deep

■ Surface mounted (SF)



■ Suspended (SP)

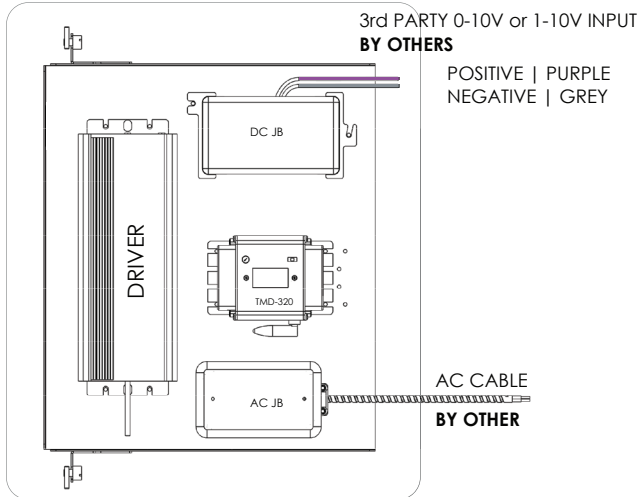


- Hooks to existing ceiling installed by others

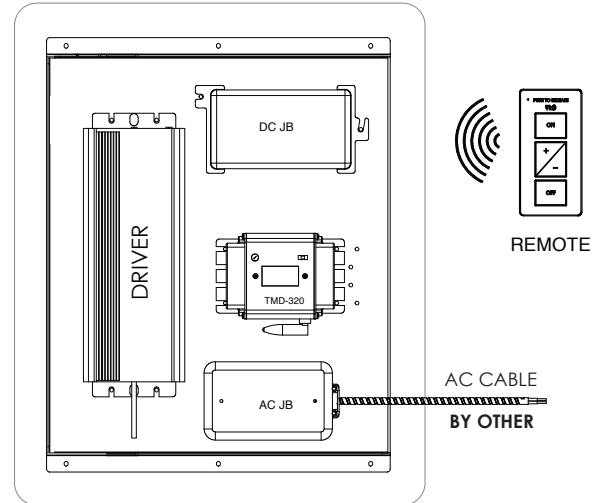
Note: Parts reference numbers are available upon request.

CONTROL

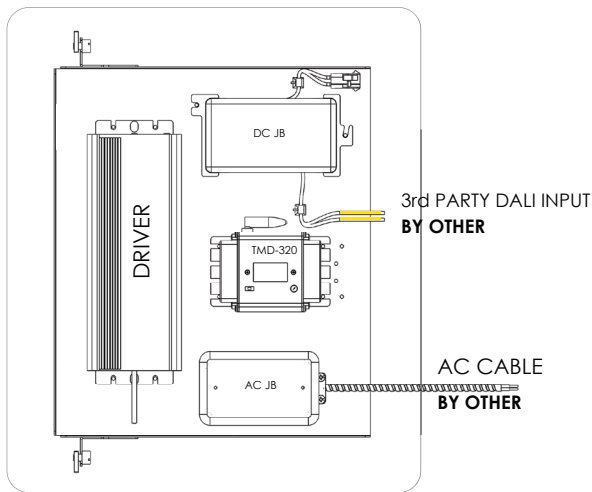
■ 0-10V (0/10)



■ RF Remote (RM)



■ Dali (DA)



■ 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