

LumiSky™ Lite SOLA



Spec by:

Agency:

Project Name:

Type of Project:

Notes:



LIGHTING PERFORMANCE FOR 2'X2'*

	Output	Grid Configuration (2'x2' panel)**					
		1 x 1	2 x 1	2 x 2	2 x 3	3 x 3	5 x 10
Power consumption (Watts)	Premium	38.5W	77W	154W	231W	346.5W	1925W
Delivered output (Lumens)		4725 lm	9450 lm	18900 lm	28350 lm	42525 lm	236250 lm

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

** See Configuration examples on page 5

ORDERING CODE

TLS	LSL Product	SL Engine	Size	Nº panels horizontal				Nº panels vertical				Application
TLS	LumiSky Lite LSL	Sola SL	2'x2' 2x2 2'x4' 2x4 4'x4' 4x4 6'x6' 6x6	1	1H	6	6H	1	1V	6	6V	Ceiling CL
				2	2H	7	7H	2	2V	7	7V	Wall WL
				3	3H	8	8H	3	3V	8	8V	
				4	4H	9	9H	4	4V	9	9V	
				5	5H	10	10H	5	5V	10	10V	
				Custom CS				Custom CS				

Mounting	Frame color	CCT	Output*	Control	Diffuser
Suspended Threaded Rods SPT	Black BL	2700-6500K 27K_65K	Premium (1181 lm/sqf)* P	0-10V O/10	LightTex Silent LS
Suspended Aircraft cables SPA	White WH	2700-4000K 27K_40K		RF Remote RM	LightTex Media LM
Wall semi-recessed WL	Silver NS			Dali DA	
	RAL RAL			DMX DMX	

* Lm/sqf are calculated at LED source

LIGHTING PERFORMANCE FOR 2'X4'*

	Output	Grid Configuration (2'x4' panel)**					
		1 x 1	2 x 1	2 x 2	2 x 3	3 x 3	5 x 10
Power consumption (Watts)	Premium	77W	154W	308W	462W	693W	3850W
Delivered output (Lumens)		3153 lm	6305 lm	12610 lm	18916 lm	28373 lm	157630 lm

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

** See Configuration examples on page 6

LIGHTING PERFORMANCE FOR 4'X4'*

	Output	Grid Configuration (4'x4' panel)**					
		1 x 1	2 x 1	2 x 2	2 x 3	3 x 3	5 x 10
Power consumption (Watts)	Premium	154W	308W	616W	924W	1386W	7700W
Delivered output (Lumens)		6305 lm	12610 lm	25221 lm	37831 lm	56747 lm	315260 lm

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

** See Configuration examples on page 5

LIGHTING PERFORMANCE FOR 6'X6'*

	Output	Grid Configuration (6'x6' panel)**					
		1 x 1	2 x 1	2 x 2	2 x 3	3 x 3	5 x 10
Power consumption (Watts)	Premium	369.6W	739.2W	1478W	2218W	3326.4W	18480W
Delivered output (Lumens)		15132.48 lm	30265 lm	60530 lm	90795 lm	136192.3 lm	756624 lm

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

** See Configuration examples on page 5

TECHNICAL SPECIFICATIONS

■ Diffuser

	Light Tex Silent	LightTex Media
Material	100 % Polyester	100 % Polyester
Weight	172 gr/m2 (16 gr/ft2)	172 gr/m2 (16 gr/ft2)
Fire classification	NFPA-701, B1, EN 13501-1, B-s1, d0	NFPA-701, B1, EN 13501-1, B-s1, d0
Transmission rate	37%	N/A
CCT shift	0-50K	N/A
NRC	0.82	N/A

■ Frame color

Material	Aluminum			
Standard colors	Black 	White 	Silver 	RAL 

■ Lighting

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

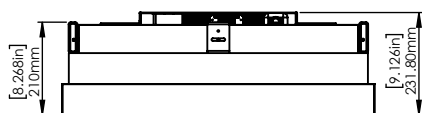
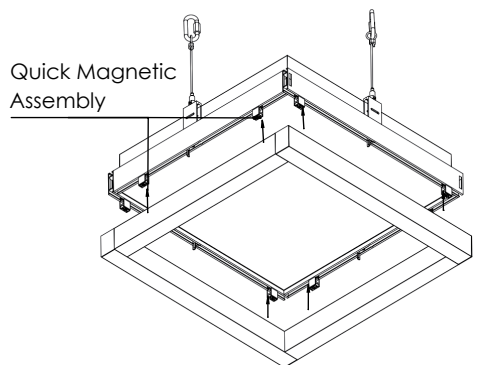
Note: *LM80 Test is only applicable to white pixels.

Warranty*	5-year limited warranty for LED
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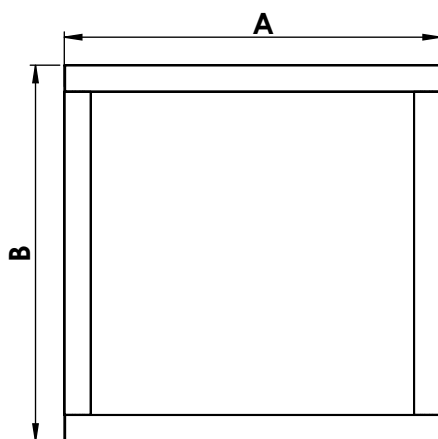
* See warranty terms and conditions at www.tls-led.com/warranty

STRUCTURE

■ Size 2'x2'/4'x4'/6'x6'

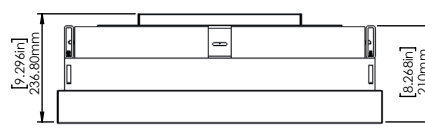
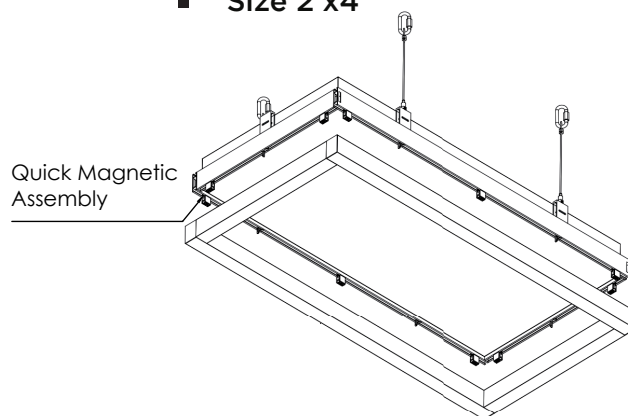


SIDE VIEW

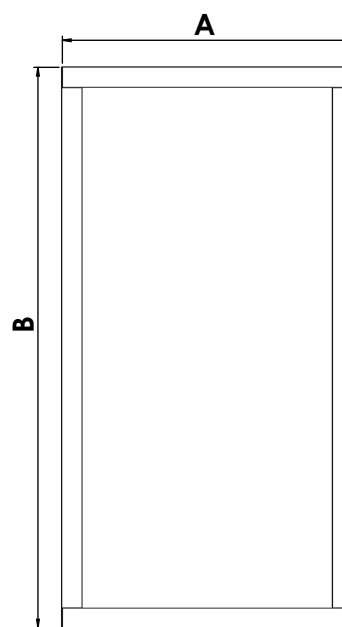


FRONT VIEW

■ Size 2'x4'



SIDE VIEW



FRONT VIEW

■ Standard Dimension

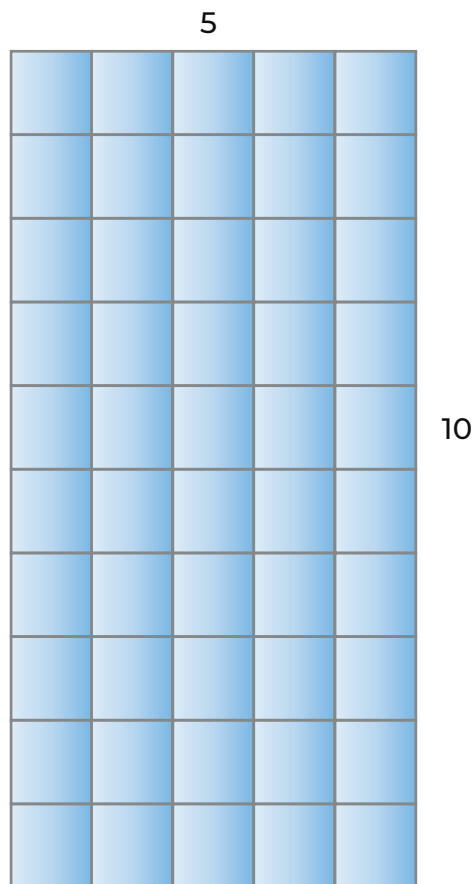
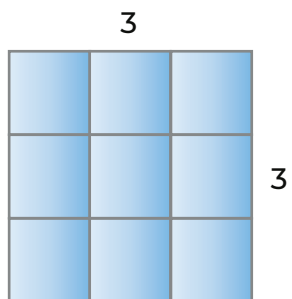
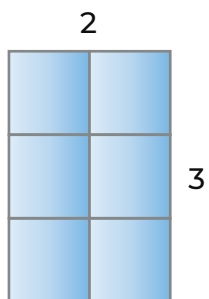
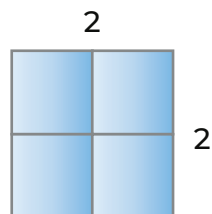
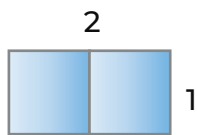
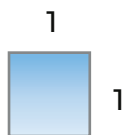
Dimension	2'x2'	2'x4'	4'x4'	6'x6'
A	27.87"	27.87"	53.76"	79.69"
B	27.87"	53.78"	53.76"	79.69"

■ Standard Weight

Size	2'x2'	2'x4'	4'x4'	6'x6'
Kg	19.5	28	36	63
Lbs	20.95	61.73	79.37	138.9

CONFIGURATIONS

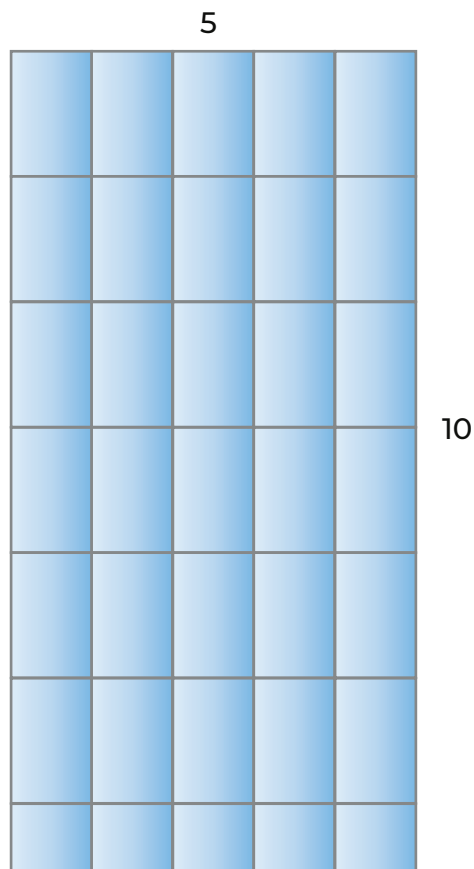
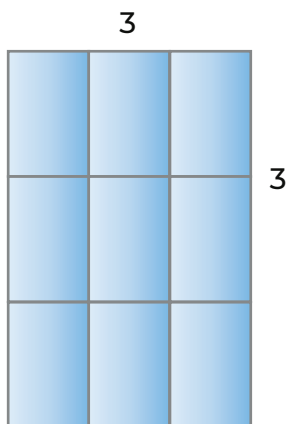
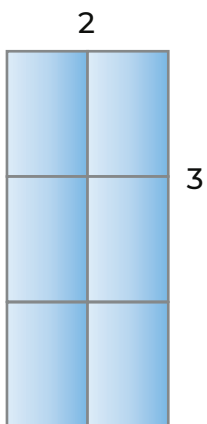
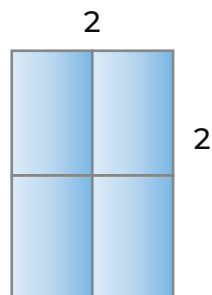
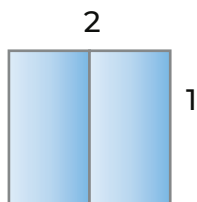
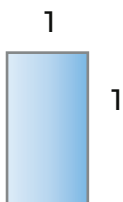
■ Size 2'x2'/4'x4'/6'x6'



CUSTOM CONFIGURATIONS ARE
ALSO AVAILABLE UPON REQUEST.

CONFIGURATIONS

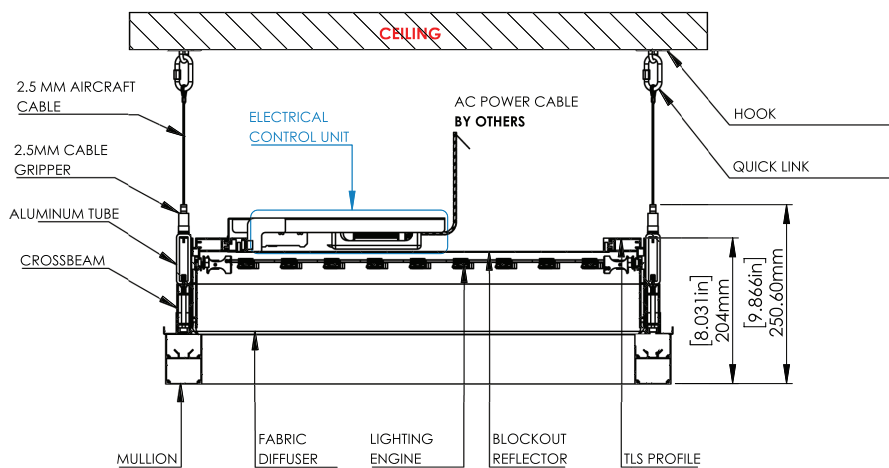
■ Size 2' x 4'



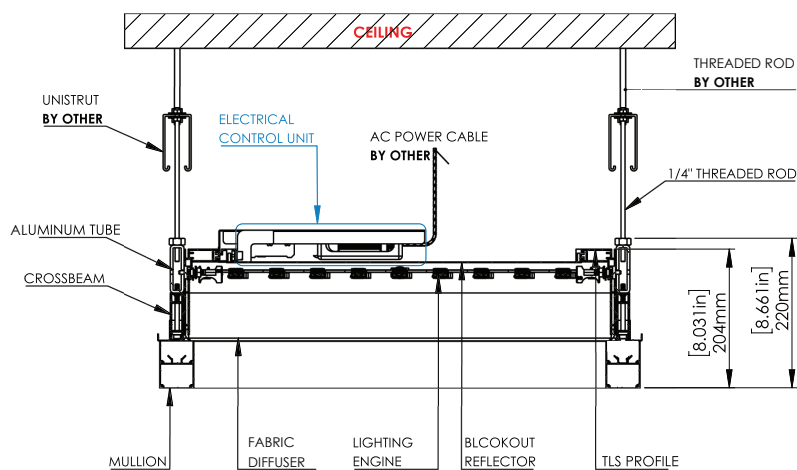
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ALSO AVAILABLE UPON REQUEST.

MOUNTING OPTIONS

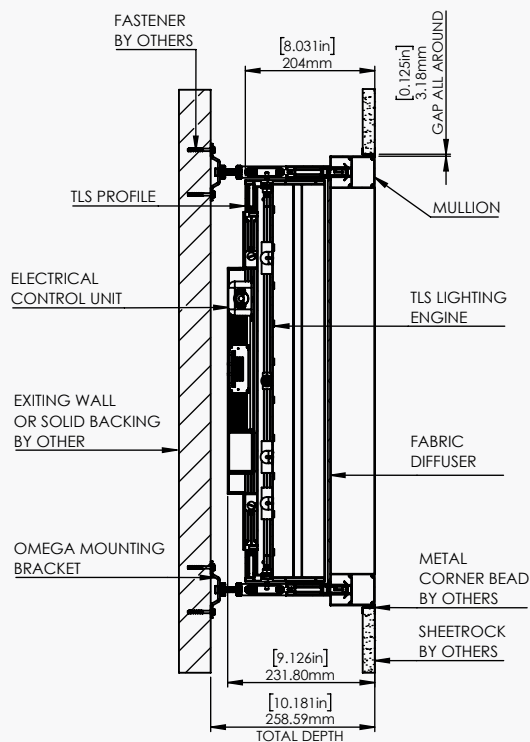
■ Suspended with Aircraft Cables



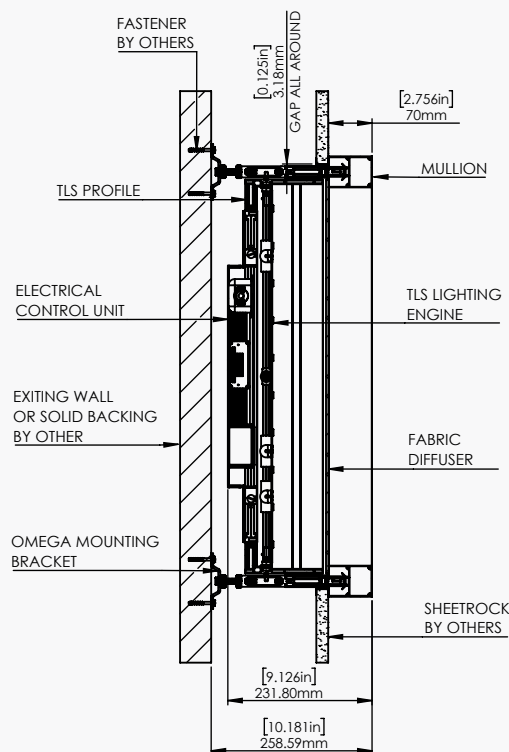
■ Suspended with Threaded Rods



■ Wall recessed



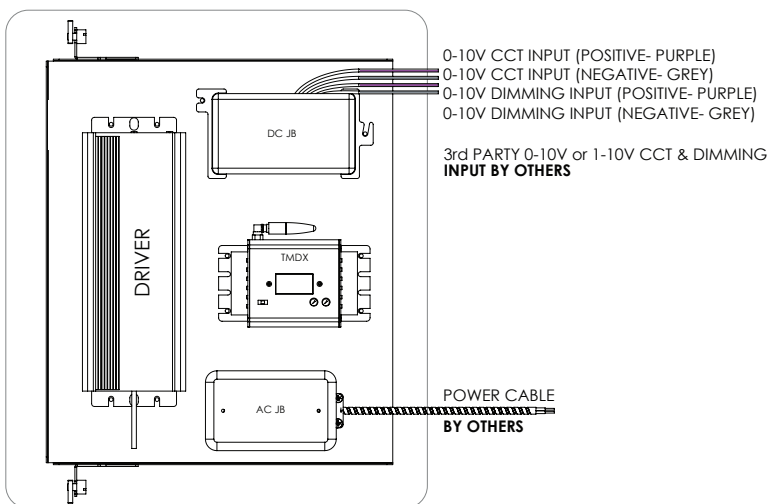
■ Wall semi-recessed



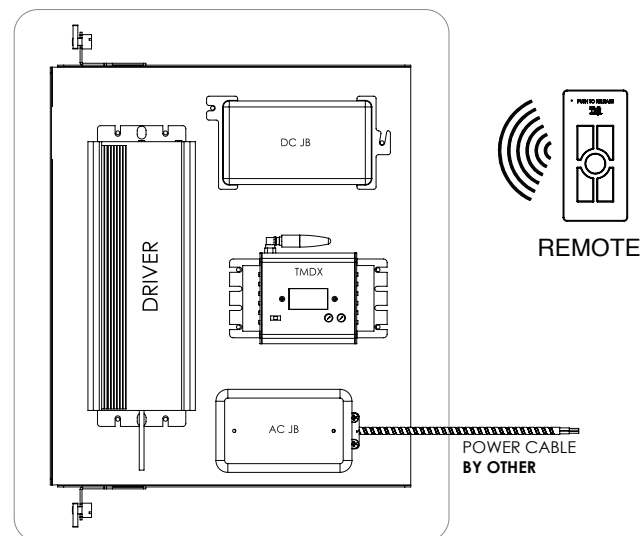
Note: Parts reference numbers are available upon request.

CONTROL

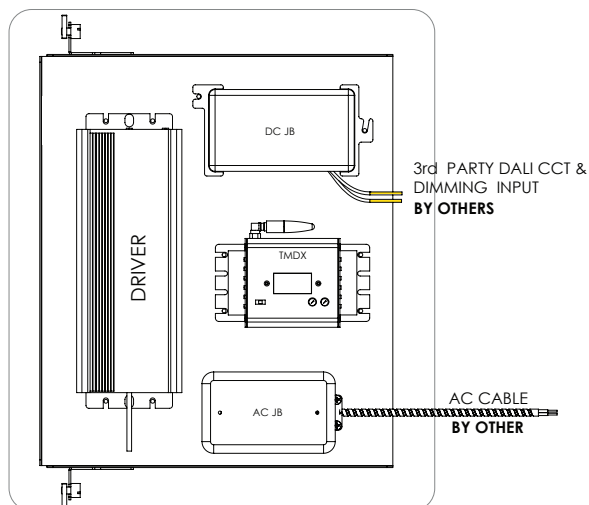
■ 0-10V (0/10)



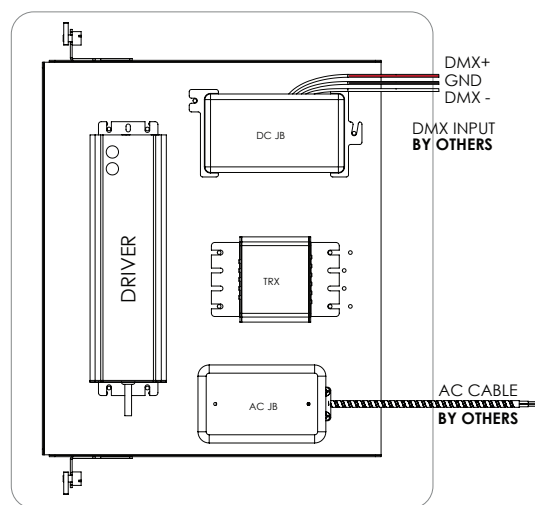
■ RF Remote (RM)



■ Dali (DA)



■ DMX (DMX)



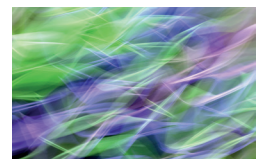
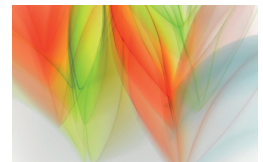
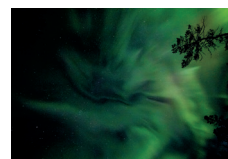
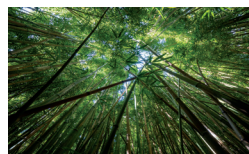
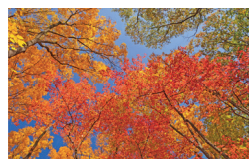
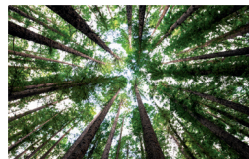
■ Electrical

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

INSPIRATIONAL CEILINGS



LumiSky Lite offers a collection of inspirational designs—each available for use or as a starting point. Custom images can also be applied for a fully tailored result.



INSPIRATIONAL WALLS



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