

LumiSky™ Lite ASTRA



Spec by:

Agency:

Project Name:

Type of Project:

Notes:

IP22
RATED

5 YEARS
WARRANTY



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)		1914 lm	3828 lm	7656 lm	11484 lm	17226 lm	95700 lm
Power consumption (Watts)	Standard	17.5W	35W	70W	105W	157.5W	875W
Delivered output (Lumens)		560 lm	1120 lm	2240 lm	3360 lm	5040 lm	28000 lm

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

** See Configuration examples on page 5

ORDERING CODE

TLS	LSL Product	AS Engine	Size	Nº panels horizontal				Nº panels vertical				Application
TLS	LumiSky Lite LSL	Astra AS	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	2200K* 22K	Premium (909 lm/sqf)** P	0-10V 0/10	LightTex Silent LS
Suspended Aircraft cables SPA	White WH	2700K 27K	Standard (494 lm/sqf)** S	RF Remote RM	LightTex Media LM
Wall semi-recessed WL	Silver NS	3000K 30K		Dali DA	
	RAL RAL	3500K 35K		No dimming ND	
		4000K 40K			
		5600K 56K			
		6500K 65K			

*Not available with standard output

**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)		3828 lm	7656 lm	15312 lm	22968 lm	34452 lm	191400 lm
Power consumption (Watts)	Standard	35W	70W	140W	210W	315W	1750W
Delivered output (Lumens)		1120 lm	2240 lm	4480 lm	6720 lm	10080 lm	56000 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)		7656 lm	15312 lm	30624 lm	45936 lm	68904 lm	382800 lm
Power consumption (Watts)	Standard	70W	140W	280W	420W	630W	3500W
Delivered output (Lumens)		2240 lm	4480 lm	8960 lm	13440 lm	20160 lm	112000 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)		18374 lm	36749 lm	73498 lm	110246 lm	165370 lm	918720 lm
Power consumption (Watts)	Standard	179.2W	358.4W	716.8W	1075W	1612.8W	8960W
Delivered output (Lumens)		5734.4 lm	11469 lm	22938 lm	34406 lm	51609.6 lm	286720 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

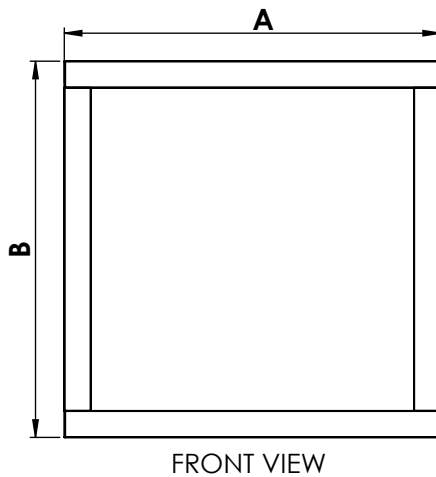
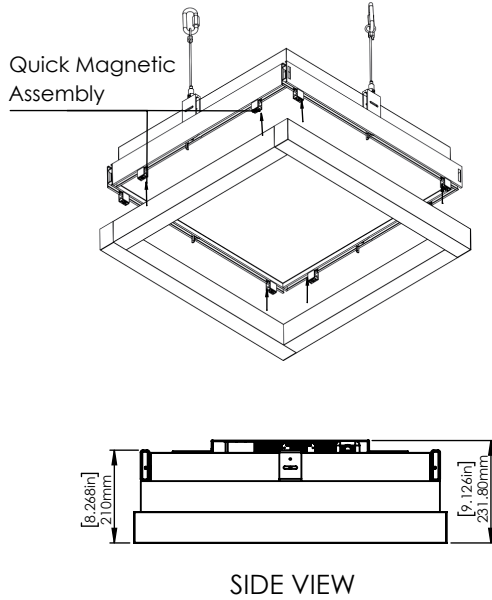
Note: *LM80 Test is only applicable to white pixels.

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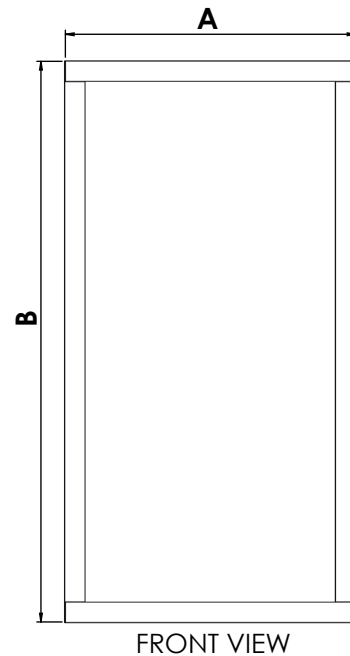
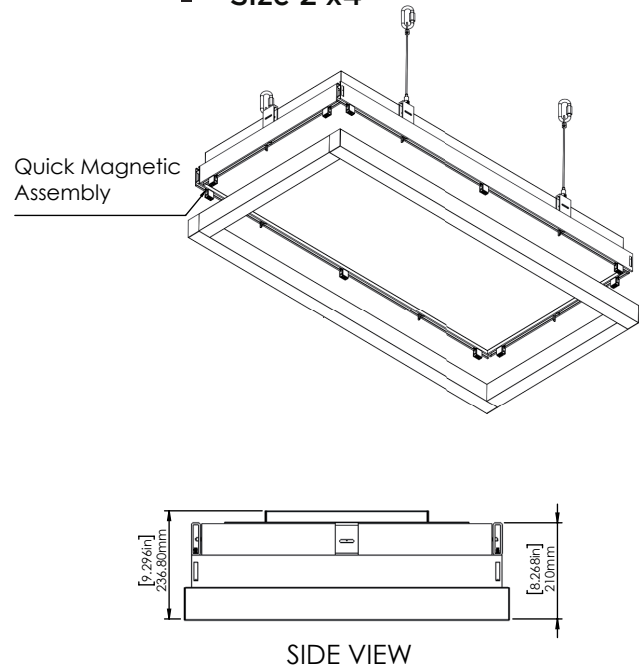
* See warranty terms and conditions at www.tls-led.com/warranty

STRUCTURE

■ Size 2'x2'/4'x4'/6'x6'



■ Size 2'x4'



■ Standard Dimension

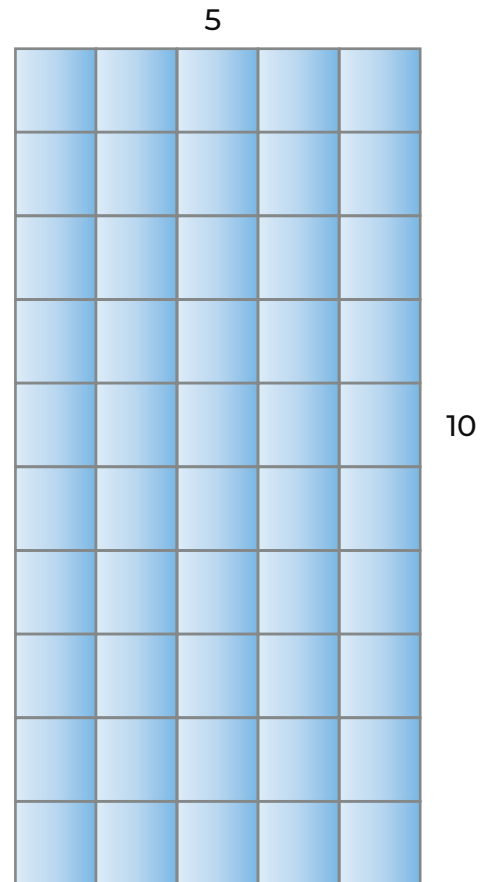
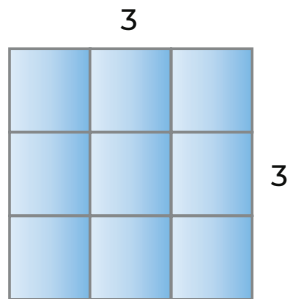
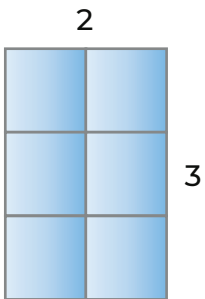
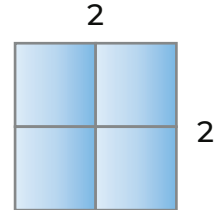
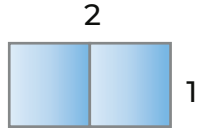
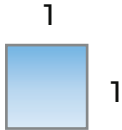
Dimension	2'x2'	2'x4'	4'x4'	6'x6'
A	27.87"	27.87"	53.76"	79.69"
B	27.87"	53.78"	53.76"	79.69"

■ 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

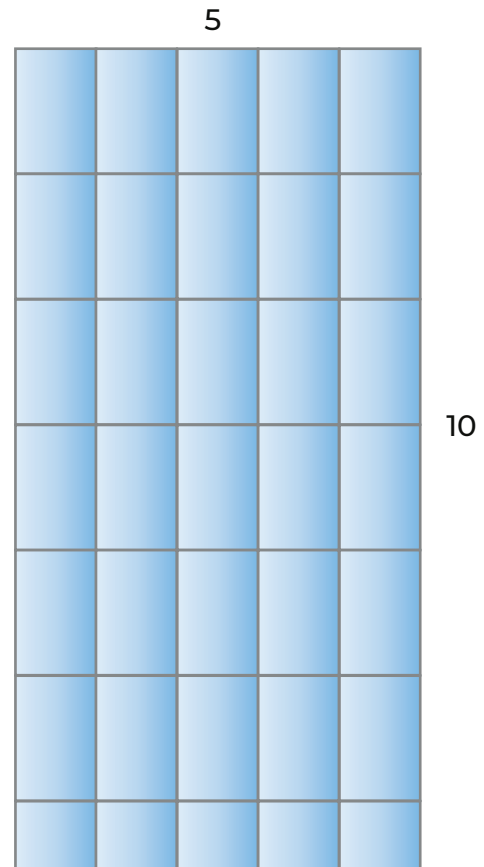
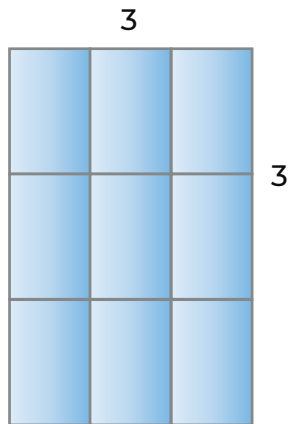
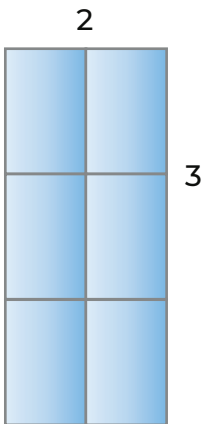
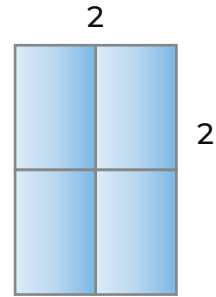
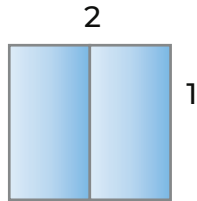
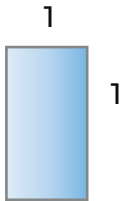
■ Size 2'x2'/4'x4'/6'x6'



CUSTOM CONFIGURATIONS ARE
ALSO AVAILABLE UPON REQUEST.

CONFIGURATIONS

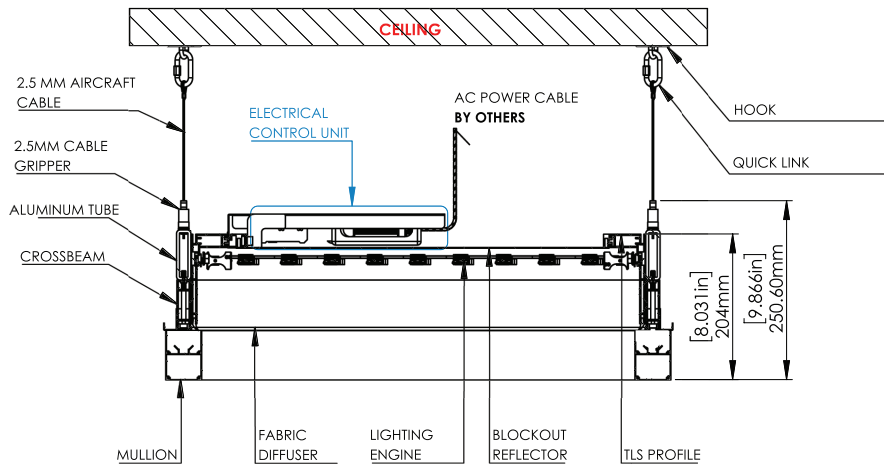
■ Size 2' x 4'



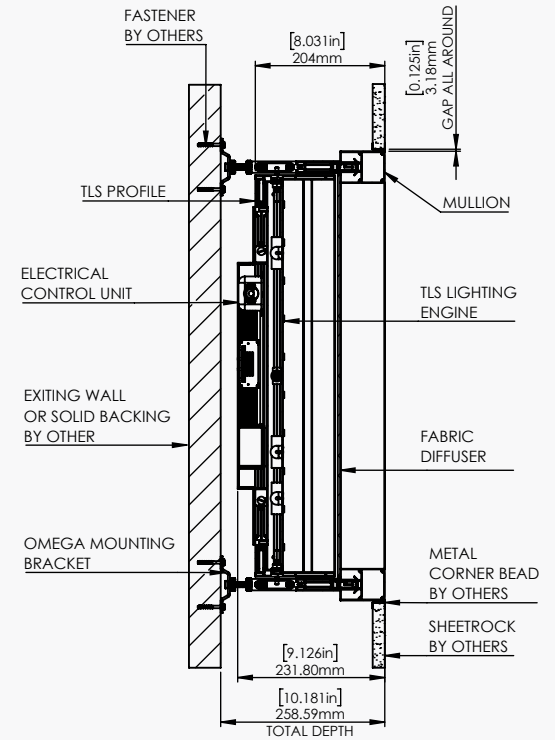
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ALSO AVAILABLE UPON REQUEST.

MOUNTING OPTIONS

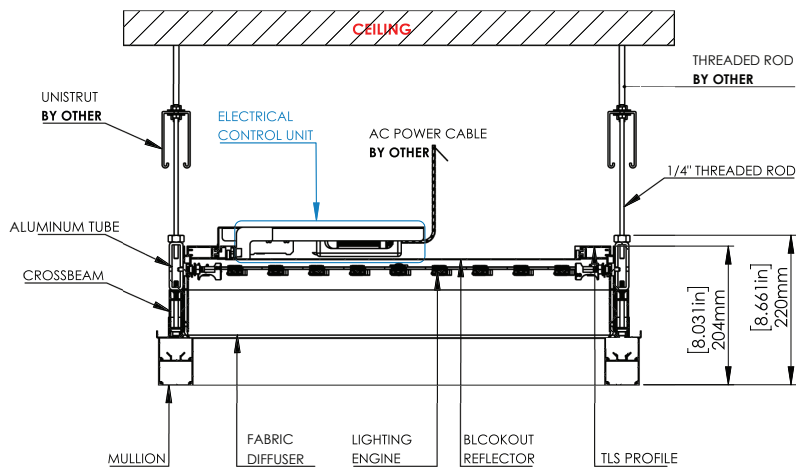
■ Suspended with Aircraft Cables



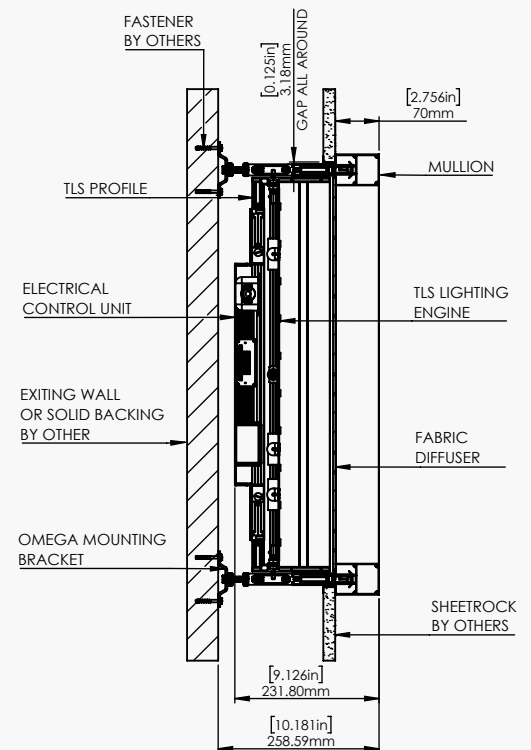
■ Wall recessed



■ Suspended with Threaded Rods



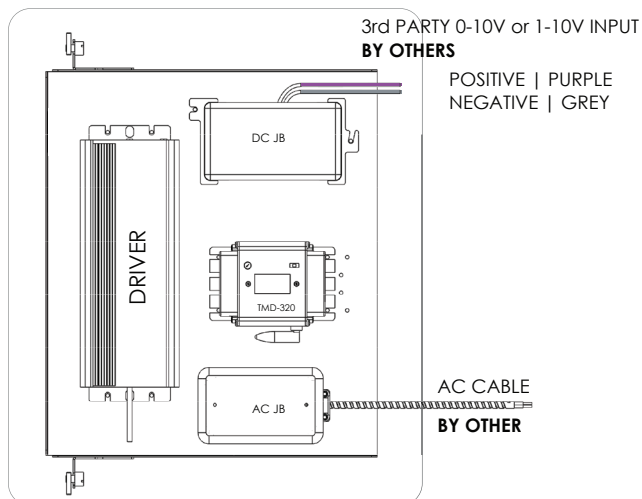
■ Wall semi-recessed



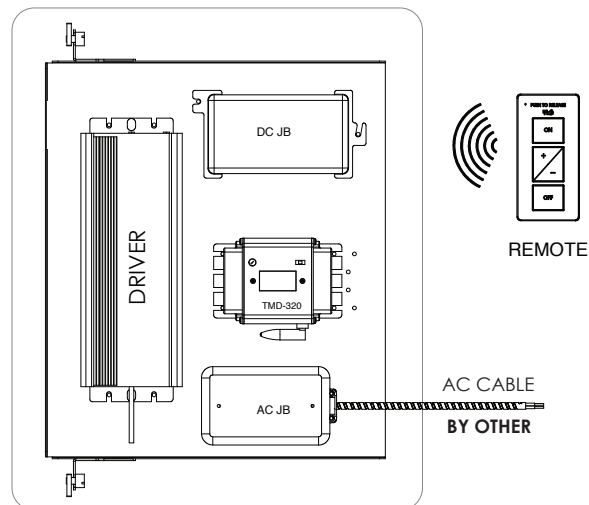
Note: Parts reference numbers are available upon request.

CONTROL

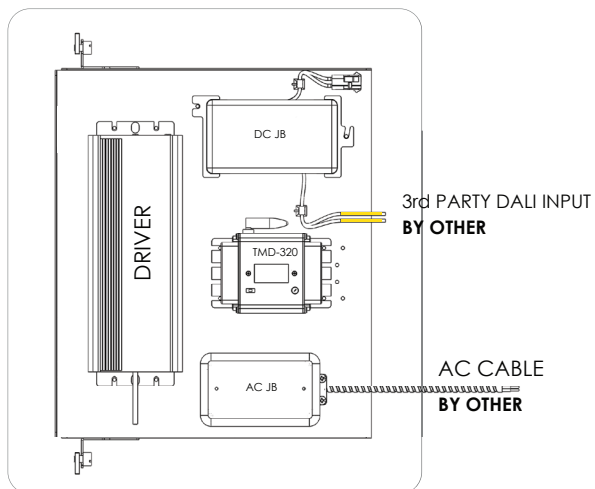
■ 0-10V (0/10)



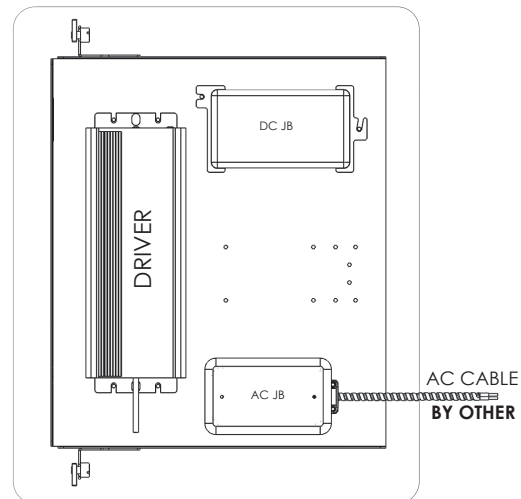
■ RF Remote (RM)



■ Dali (DA)



■ No dimming (ND)



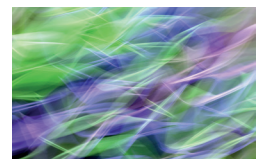
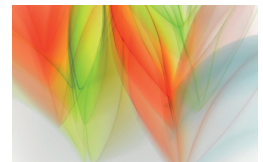
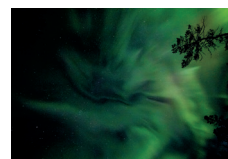
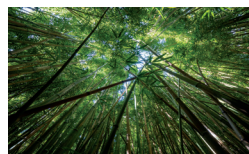
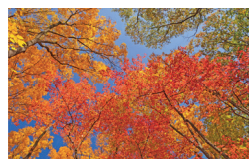
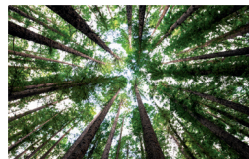
■ Electrical

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

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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