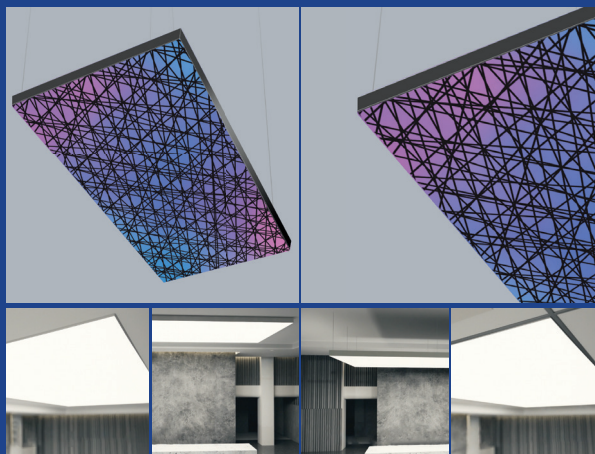


LumiPano™ Lite Bespoke VEGA



Spec by:

Agency:

Project Name:

Type of Project:

Notes:



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	32W	72W	113.4W	252W	490W	798W
Delivered output (Lumens)		523 lm	1176 lm	2646 lm	5880 lm	11434 lm	18621 lm
Power consumption (Watts)	Standard	16W	25.2W	56.7W	126W	245W	399W
Delivered output (Lumens)		261 lm	588lm	1323 lm	2940 lm	5717 lm	9311 lm

* Power consumption and delivered output values are based on RGBW 6500K CCT and on diffuser without a pattern. For WW go to Lighting Performance and Efficiency section on page 05. Consult factory for other shapes performance..

ORDERING CODE

TLS	LPL	BE	VG	Rating		Shape	Dimensions	Application	Mounting
	Product	Model	Engine						
TLS	LumiPanoLite LPL	Bespoke BE	Vega VG	Indoor IN		Rectangle RC	W x L WxL	Ceiling CL	Recessed RD
				Outdoor OUT		Circle CC	Dimensions D	Wall WL	Surface SF
						Triangle TR	L1xL2xL3 L1xL2xL3	Other OT	Suspended SP
						Hexagone HX	Hexagone HL		Wall WL
						Custom CS	Custom*		
							*Please specify		

Frame	Frame color	CCT	Output*	Control	Diffuser
Frameless squared corner SQ	Black BL	RGB RGB	Premium RGB (NIT) P	Stand alone SA Madrix MA	LightTex Pano LPW
Frameless rounded corner RO	White WH		Standard RGB (NIT) S		White LPW
Frame square corners FS	Silver NS	RGBW (6500K) RGBW65K	Custom RGB (NIT) CO		LightTex Pano LPB
Frame rounded corners FR	RAL RAL		Premium RGBW (563 lm/sqft)* P		Black LPB
Not applicable* NA			Standard RGBW (281 lm/sqft)* S		LightTex Pano LPS
			Custom RGBW CO		Silver LPS
			Premium WW (930 lm/sqft)* P		LightTex Pano LPC
			Standard WW (465 lm/sqft)* S		Custom LPC
			Custom WW CO		

*For Circle.

TECHNICAL SPECIFICATIONS

■ Diffuser

	LightTex Pano	LightTex Pano White	LightTex Pano Black	LightTex Pano Silver
Material	100% Polyester	100 % Polyester + PU coating	100 % Polyester + PU coating	100 % Polyester + PU coating
Weight	141 gr/m2 (13 gr/ft2)	141 gr/m2 (13 gr/ft2)**	141 gr/am2 (13 gr/ft2)**	141 gr/am2 (13 gr/ft2)**
Fire classification	NFPA-701, B1, EN 13501-1, B-s1, d0	NFPA-701, B1, EN 13501-1, B-s1, d0	NFPA-701, B1, EN 13501-1, B-s1, d0	NFPA-701, B1, EN 13501-1, B-s1, d0
Transmission rate	43%*	N/A	N/A	N/A
NRC	N/A	N/A	N/A	N/A

*Without any pattern

**Without PU coating

■ 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

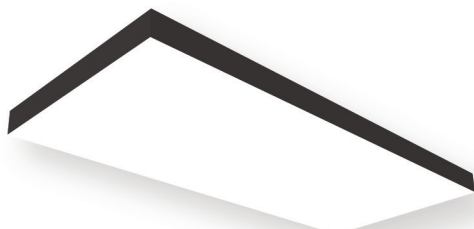
Note: *LM80 Test is only applicable to white pixels.

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

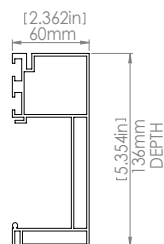


■ Custome shape

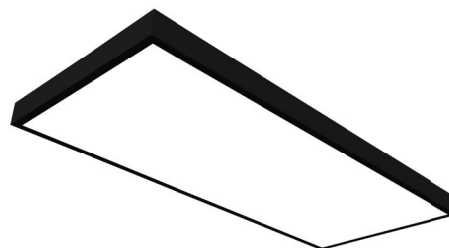
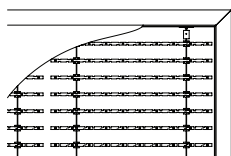


FRAME

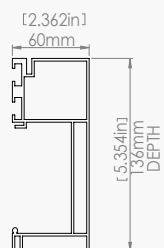
■ Frame square corners (FS)



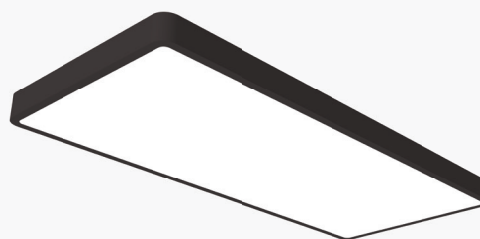
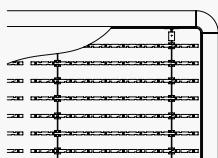
FLS 2135



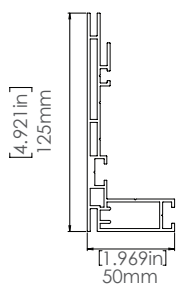
■ Frame rounded corners (FR)



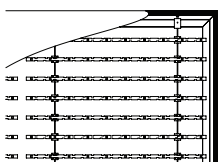
FLS 2135



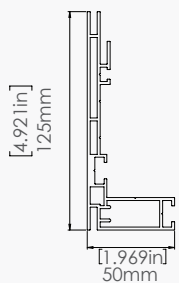
■ Frameless square corner (SQ)



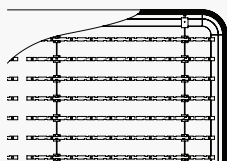
FLS 2125 - V2



■ Frameless rounded corners (RO)



FLS 2125 - V2



LIGHTING PERFORMANCE AND EFFICIENCY

■ CCT Shifting

Output	CCT	
	2,700K	6,500K
RGBW	-	6,545
WW	2,665	6,513

*Power consumption and delivered output values are based on 6500K CCT with the LightTex Pano

■ Power Consumption and Delivered output

	Output	Size					
		2' x 2'	2' x 4'	4' x 4'	8' x 4'	10' x 6'	12' x 8'
Power consumption (Watts)	Premium	41.6W	93.6W	210.6W	468W	910W	1482W
Delivered output (Lumens)		863 lm	1942 lm	4370 lm	9712 lm	18884 lm	30754 lm
Power consumption (Watts)	Standard	20.8W	46.8W	105.3W	234W	455W	741W
Delivered output (Lumens)		432 lm	971 lm	2185 lm	4856 lm	9442 lm	15377 lm

Power Consumption and Delivered output values are based on Vega WW

■ Light transmission (RGBW)

Percent of Transmission	Lumens (Lm)*
10%	588
20%	1,176
30%	1,764
40%	2,352
50%	2,940
60%	3,528

■ Light transmission (WW)

Percent of Transmission	Lumens (Lm)*
10%	971
20%	1,942
30%	2,914
40%	3,885
50%	4,856
60%	5,827

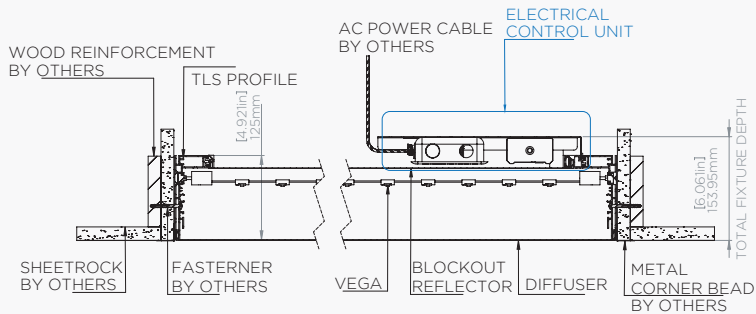
■ Light transmission (RGB)

Percent of Transmission	Lumens (Lm)*
10%	225
20%	450
30%	676
40%	901
50%	1,126
60%	1,351

*Lumens are calculated for 4"x8" fixture. Pattern will decrease the lumen output.

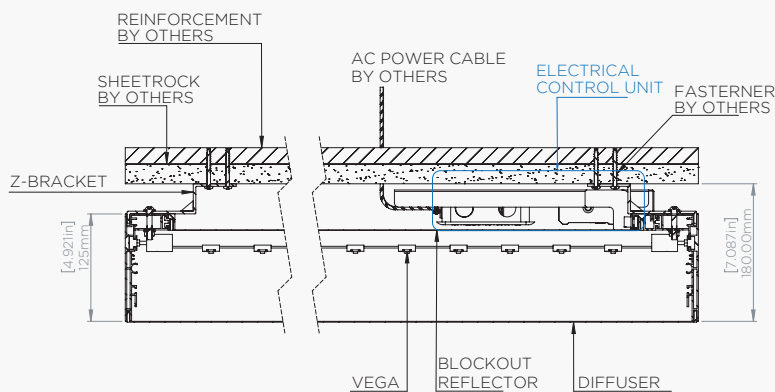
MOUNTING OPTIONS

Recessed (RD)

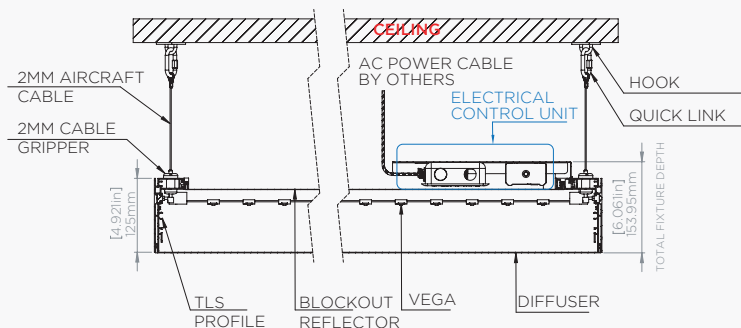


- Cavity to be 1/8" (3mm) over nominal
- Cavity to be minimum 7" (177.8mm) deep

Surface (SF)



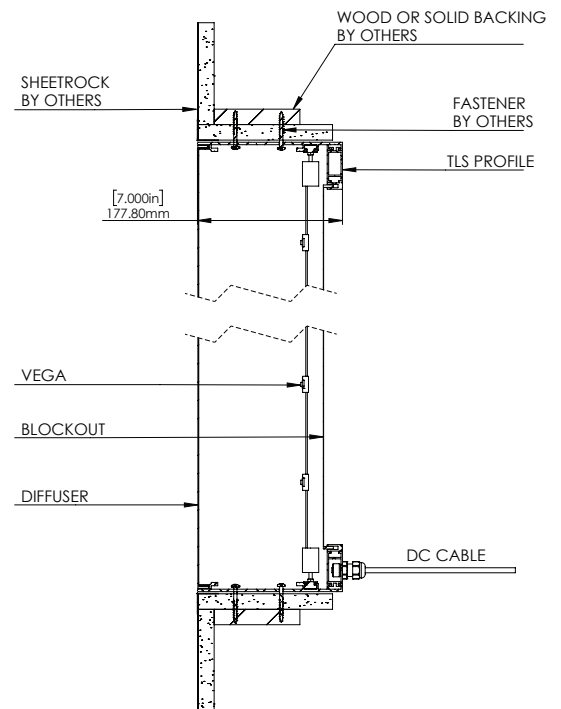
Suspended (SP)



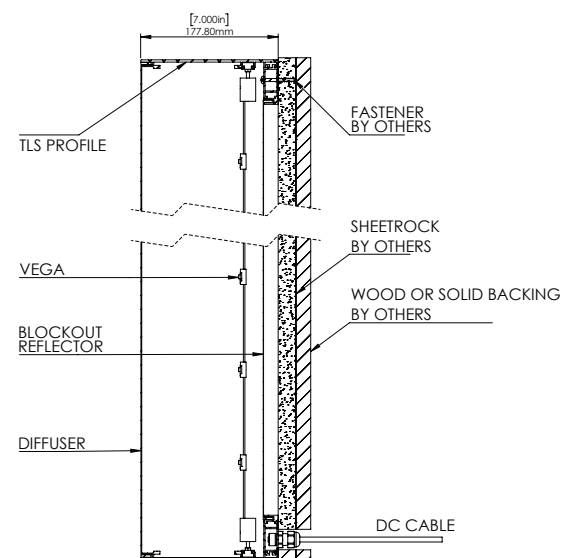
- Hooks to existing ceiling installed by others

Note: Parts reference numbers are available upon request.

Wall (WL)

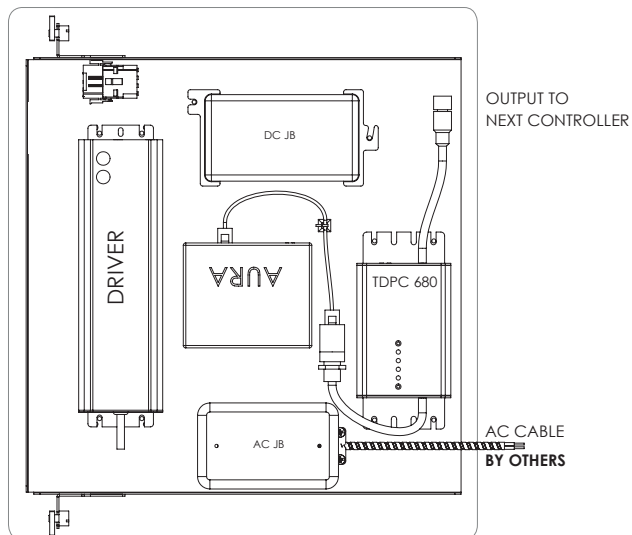


Wall Surface

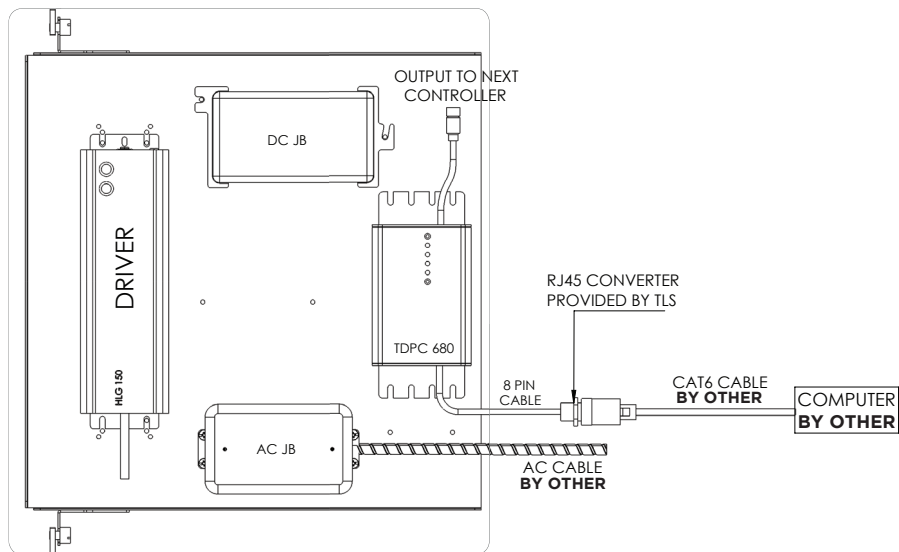


CONTROL

■ Stand alone (SA)



■ Madrix (MA)



■ Electrical

Driver models	HLG-60-24A, HLG-100-24A, HLG-150-24A, HLG-240-24A, HLG-320-24A
Input voltage	90-277 V AC, 47-63 HZ
Output voltage	21-24 V DC