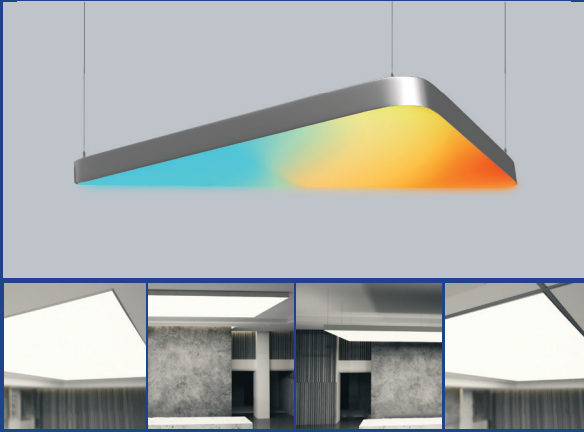


LumiCloud™ Bespoke VEGA



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)		1024 lm	2304 lm	5184 lm	11520 lm	22400 lm	36480 lm
Power consumption (Watts)	Standard	16W	25.2W	56.7W	126W	245W	399W
Delivered output (Lumens)		512 lm	1152 lm	2592 lm	5760 lm	11200 lm	18240 lm

Values are based on Vega RGBW 6500K CCT with the media light foil.
For WW go to Lighting Performance and Efficiency section on page 5

ORDERING CODE

TLS	LC Product	BE Model	VG Engine	Rating	Shape	Dimensions	Application
TLS	LumiCloud LC	Bespoke BE	Vega VG	Indoor IN	Rectangle RC	W x L WxL	Ceiling CL
				Outdoor OUT	Circle CC	Dimensions D	Wall WL
					Triangle TR	L1xL2xL3 L1xL2xL3	Other OT
					Hexagone HX	Hexagone HL	
					Custom CS	Custom*	
					*Please specify		

Mounting	Frame	Frame color	CCT	Output*	Control	Diffuser
Recessed RD	Frameless squared corner SQ	Black BL	RGB RGB	Premium RGB (NIT) P	Stand alone SA	LightTex Silent LS
Surface SF	Frameless rounded corner RO	White WH		Standard RGB (NIT) S	Madrix MA	LightFoil LF
Suspended SP	Frameless rounded corner RO	Silver NS	RGBW (6500K) RGBW65K	Custom RGB (NIT) CO	Other OC	LightTex Media LM
T-bar* TB	Frame square corners FS	RAL RAL		Premium RGBW (563 lm/sqft)* P		
	Frame square corners FS			Standard RGBW (281 lm/sqft)* S		
	Frame rounded corners FR			Custom RGBW CO		
	Not applicable* NA		WW (27-65K) WW 27_65K	Premium WW (930 lm/sqft)* P		
				Standard WW (465 lm/sqft)* S		
				Custom WW CO		

*Only available for rectangle.

*For Circle.

* Lm/sqf are calculated at LED source

TECHNICAL SPECIFICATIONS

■ Diffuser

	Light Foil	Light Tex Silent	LightTex Media
Material	PVC	100 % Polyester	100 % Polyester
Weight	215 gr/m2 (20 gr/ft2)	172 gr/m2 (16 gr/ft2)	172 gr/m2 (16 gr/ft2)
Fire classification	NFPA-701, B-s2, d0 (in acc. with DIN EN 14716)	NFPA-701, B1, EN 13501-1, B-s1, d0	NFPA-701, B1, EN 13501-1, B-s1, d0
Transmission rate	59%	37%	N/A
CCT shift	0-800K (see table page 5)	0-50K (see table page 5)	N/A
NRC	N/A	0.82	N/A

■ 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

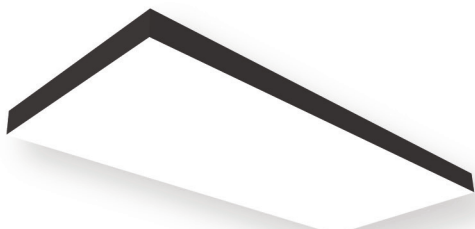
Note: *LM80 Test is only applicable to white pixels.

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

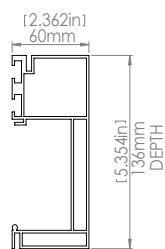


■ Custom shape

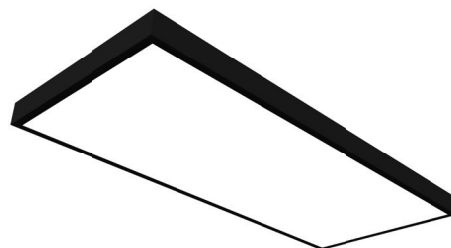
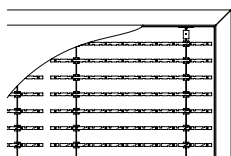


FRAME

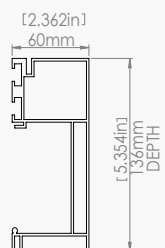
■ Frame square corners (FS)



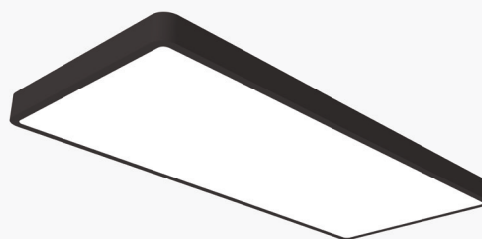
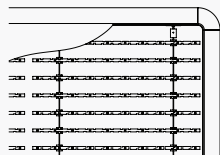
FLS 2135



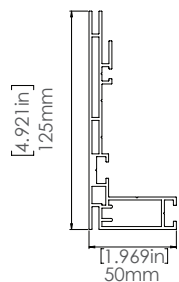
■ Frame rounded corners (FR)



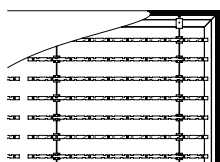
FLS 2135



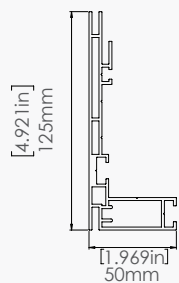
■ Frameless square corner (SQ)



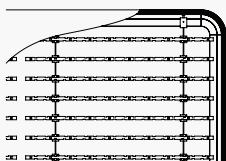
FLS 2125



■ Frameless rounded corners (RO)



FLS 2125



LIGHTING PERFORMANCE AND EFFICIENCY

■ CCT Shifting - Light Foil

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

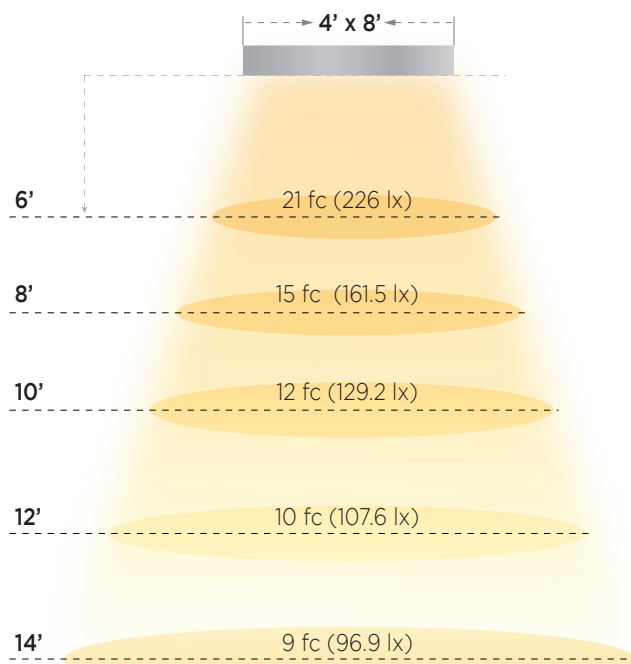
*Power consumption and delivered output values are based on 6500K CCT with the Light Foil

■ Power Consumption and Delivered output

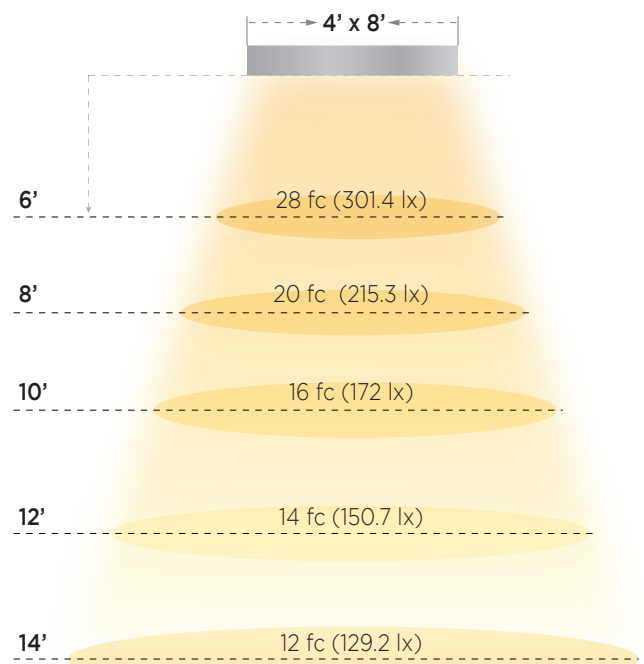
	Output	Size					
		2' x 2'	2' x 4'	4' x 4'	8' x 4'	10' x 6'	12' x 8'
Power consumption (Watts)	Premium	41.6W	93.6W	210.6W	468W	910W	1482W
Delivered output (Lumens)		1690 lm	3802 lm	8554 lm	19008 lm	36960 lm	60192 lm
Power consumption (Watts)	Standard	20.8W	46.8W	105.3W	234W	455W	741W
Delivered output (Lumens)		845 lm	1901 lm	4277 lm	9504 lm	18480 lm	30096 lm

Power Consumption and Delivered output values are based on Vega WW

■ Foot Candle per height (Vega RGB)



*Dimensions are for Premium with **LightTex Silent**.

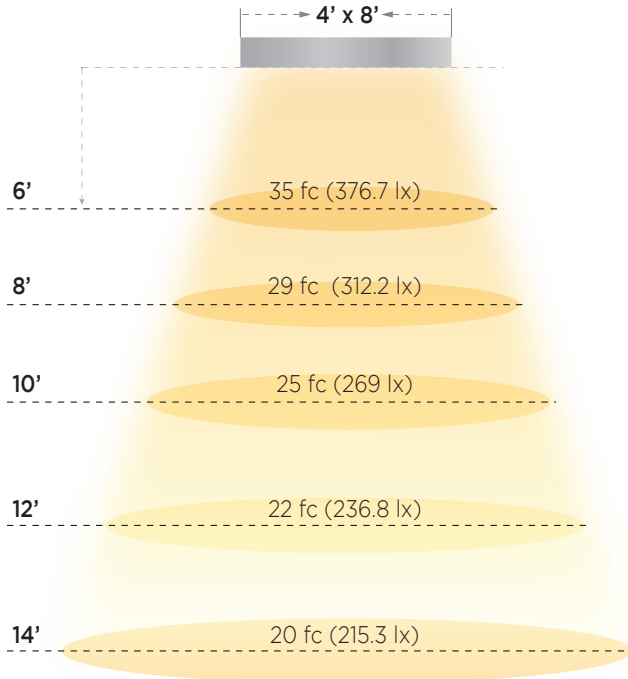


*Dimensions are for Premium with **Light Foil**.

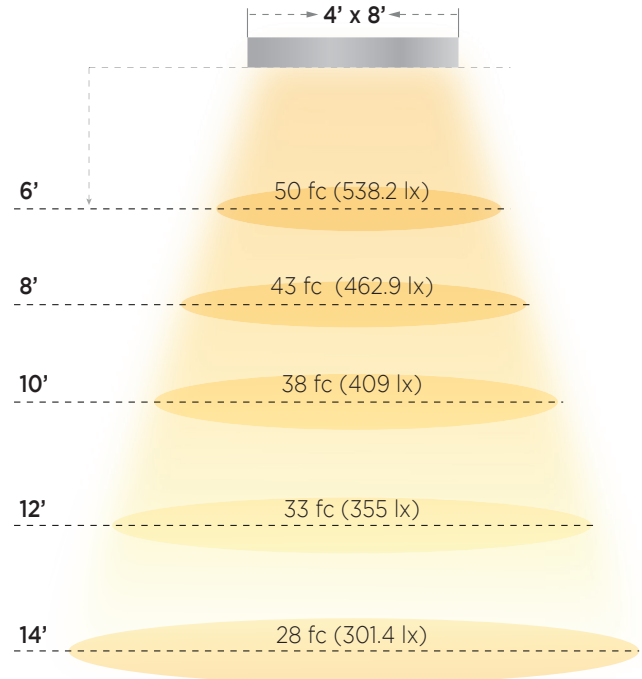
Note: Results are simulated based on 10' x 16' room & Reflection factors C70% W77% & F20%, other measurements available on requests.

FOOT CANDLE PER LENGTH

■ Foot Candle per height (Vega RGBW)

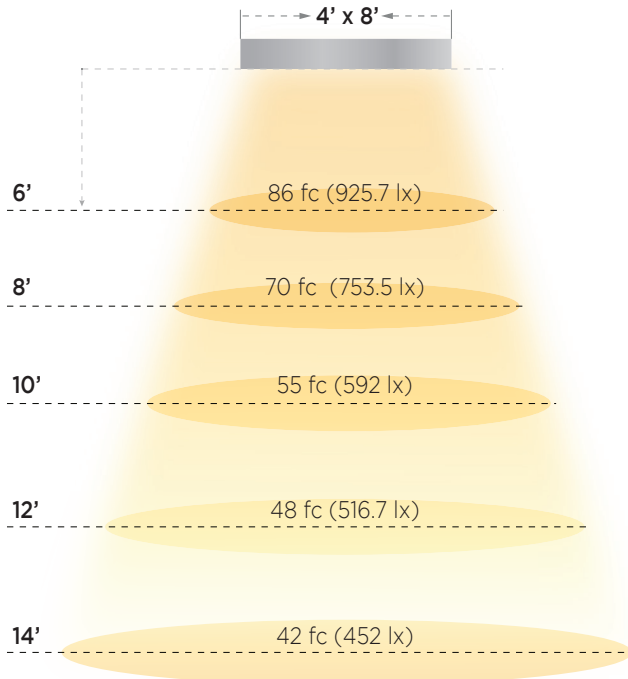


*Dimensions are for Premium with **LightTex Silent**.

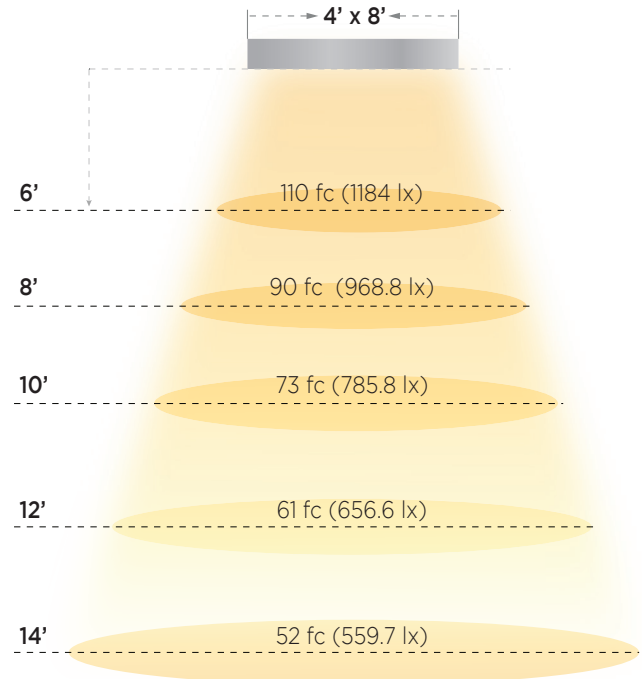


*Dimensions are for Premium with **Light Foil**.

■ Foot Candle per height (Vega WW)



*Dimensions are for Premium with **LightTex Silent**.

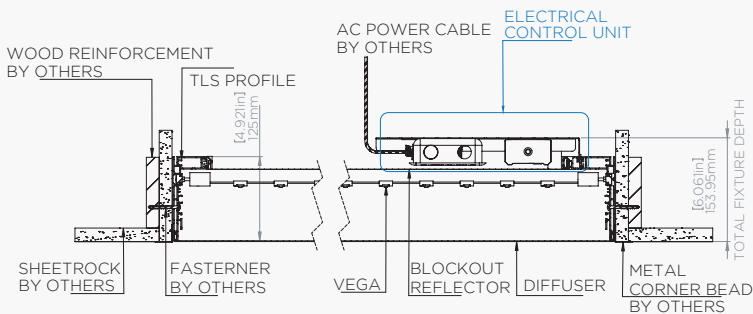


*Dimensions are for Premium with **Light Foil**.

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

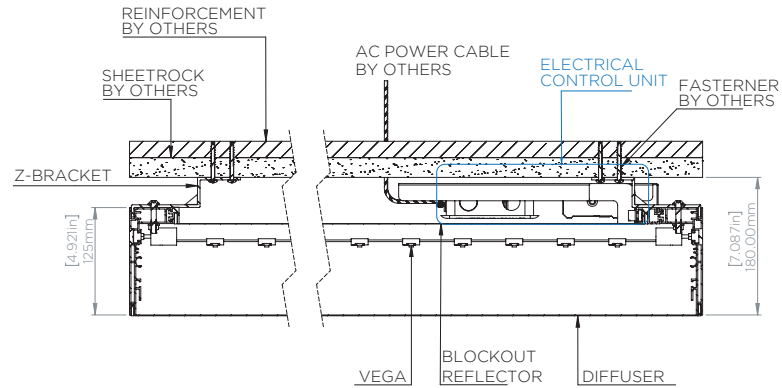
MOUNTING OPTIONS (PREMIUM)

Recessed (RD)

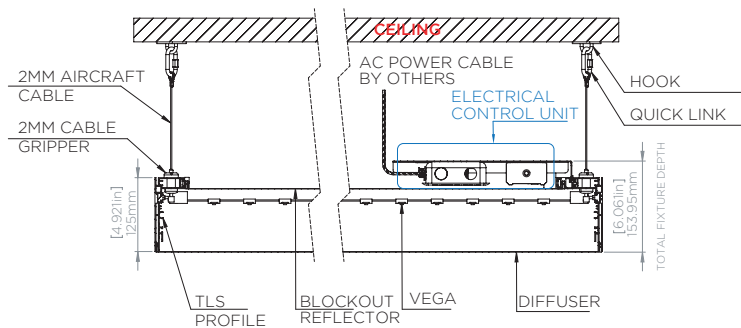


- Cavity to be 1/8" (3mm) over nominal
- Cavity to be minimum 7" (177.8mm) deep

Surface (SF)

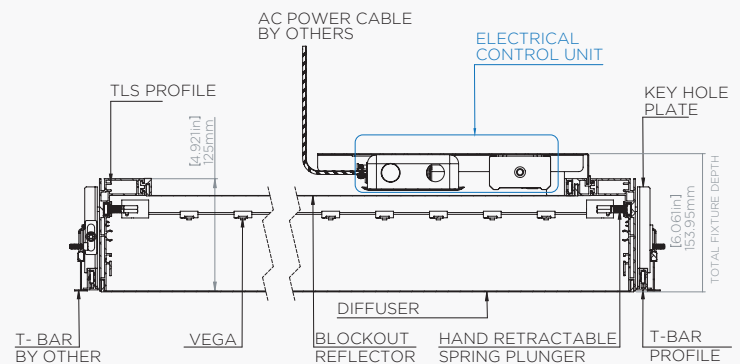


Suspended (SP)



- Hooks to existing ceiling installed by others

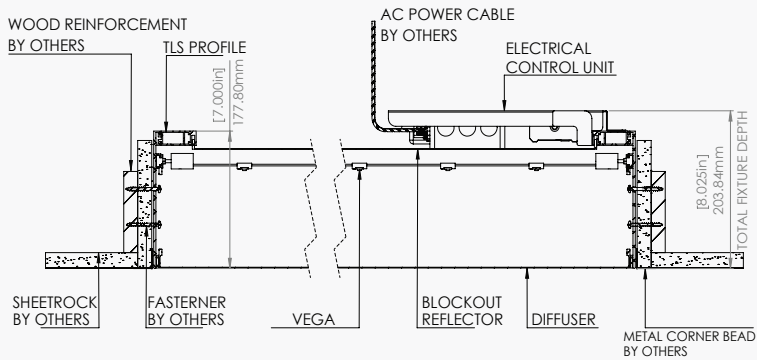
T-bar (TB)



Note: Parts reference numbers are available upon request.

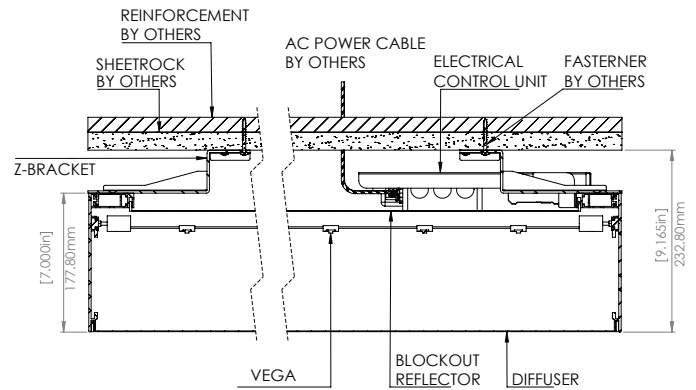
MOUNTING OPTIONS (STANDARD)

Recessed (RD)

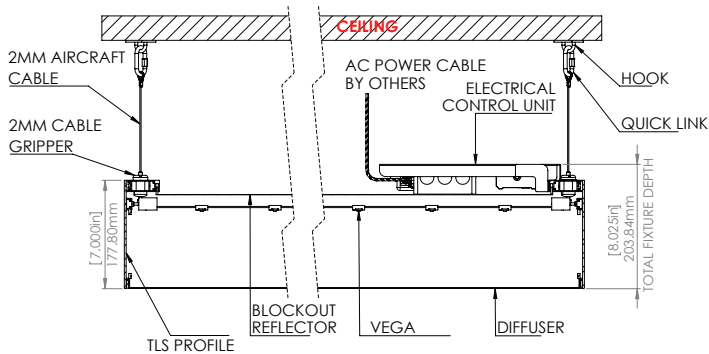


- Cavity to be 1/8" (3mm) over nominal
- Cavity to be minimum 7" (177.8mm) deep

Surface (SF)

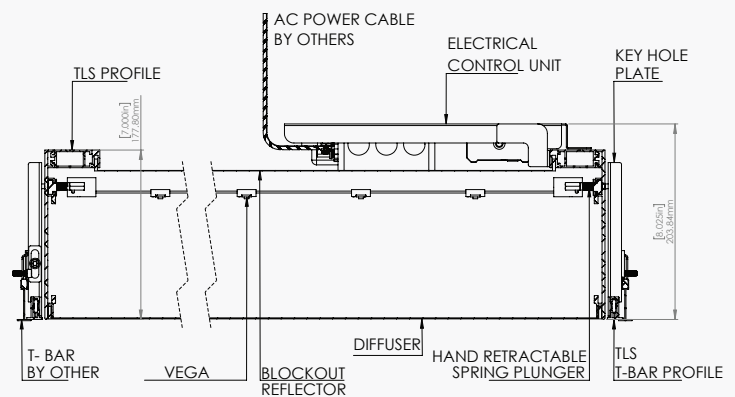


Suspended (SP)



- Hooks to existing ceiling installed by others

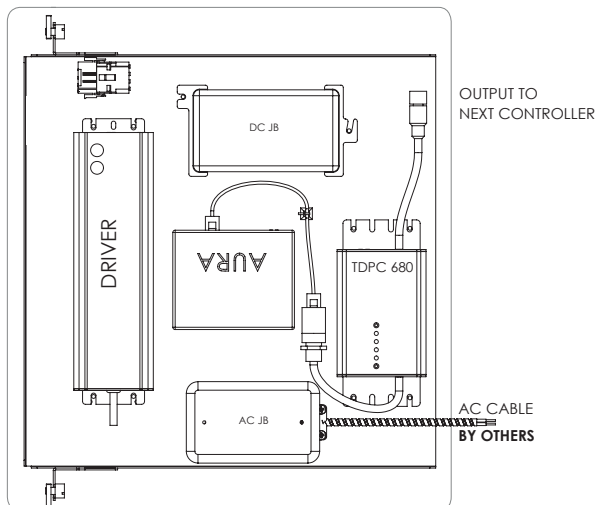
T-bar (TB)



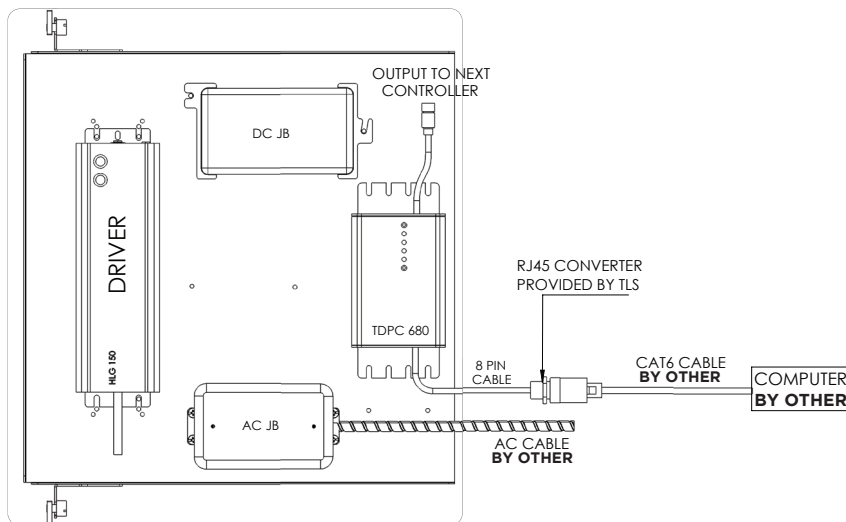
Note: Parts reference numbers are available upon request.

CONTROL

■ Stand alone (SA)



■ Madrix (MA)



■ Other (OC)

■ 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