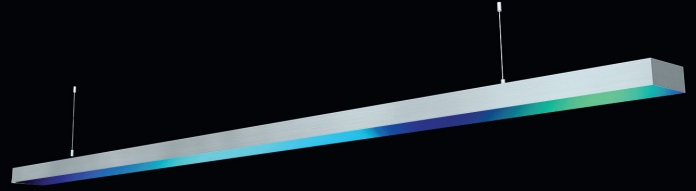


LumiCloud™ Linea - Vega RGBW

Cut sheet

The Linea Vega RGBW is an acoustical luminous cloud providing Edge to Edge lighting, with a color-changing pixel controlled effect. Change between a cloud moving sky, abstracts shapes and movements, or any other animation you can imagine. Its enclosed system has an integrated blackout reflector that maximizes the lumen output, making it a highly efficient lighting product. Select a suspended decorative architectural mounting finish, or a clean recessed look flush with your ceiling, or a surface-mounted option. Linea Vega comes in 6 sizes and offers 3 frame colors.



Lighting performance

		6" x 4'	6" x 6'	6" x 8'	6" x 10'	6" x 16'	6" x 20'
Premium	Wattage	13.3W	20.3W	27.3W	34.3W	56W	70W
	Delivered lumens	496.76 lm	758.21 lm	1019.7 lm	1281.1 lm	2091.6 lm	2614.5 lm
		12" x 4'	12" x 6'	12" x 8'	12" x 10'	12" x 16'	12" x 20'
	Wattage	26.6W	40.6W	54.6W	68.6W	112W	140W
	Delivered lumens	993.5 lm	1516.4 lm	2039.3 lm	2562.2 lm	4183.2 lm	5229 lm

Spec order guide

TLS-LC-LN-VG-RGBW

Size (W)

Size(H)

65K
Cct

P
Output

Mounting

Frame colour

SA
Control

LS
Diffuser

Size (W)		Size (H)		Cct		Output*		Mounting		Frame color		Control		Diffuser	
6"	6W	4'	4H	6500K	65K	Premium (688.8 lm/sqft)*	P	Recessed	RD	Black	BL	Stand alone	SA	LightTex Silent Acoustical Diffuser	LS
12"	12W	6'	6H					Surface	SF	White	WH				
		8'	8H					Suspended	SP	Clear Anodized	CA				
		10'	10H					T-bar	TB						
		16'	16H												
		20'	20H												

* Lm/sqft are calculated at LED source

Example: TLS-LC-CLN-VG-RGBW - 6W.8H - 65K - P - SF - WH - SA - LS



Uniform lighting

With TLS's vast experience in backlighting, we have the perfect distance between the light source and the LightTexSilent. This creates a perfectly homogeneously lit surface.



Lightweight

The LumiCloud™ Carra offers a light weight solution, thanks to its advanced lighting technology and mechanical design.



Acoustical

With an NRC of <math><0.8</math> the LumiCloud™ Carra is a perfect solution for acoustical projects.



Immersion

Creating an immersive space that makes you feel engulfed by the surrounding light, similarly as when you are outside. The LumiCloud™ Carra helps with making any space feel more vibrant and welcoming.



Sustainability

Following the LEED guidelines, the LumiCloud™ Carra uses all recyclable material.



Fire rating

The LightTexSilent diffuser has a class B certification for fire rating. Making it the perfect solution for spaces with a lot of traffic.



Seamless integration into any place

The LumiCloud™ Carra can be integrated into any space, whether it is T-bar mounted, recessed, suspended or surface mounted. The fixture will seamlessly integrate.



Easy accessibility to plenum above

The LumiCloud™ Carra gives you constant access to the plenum above with its easily removable parts.



Seamless fabric

A seamless fabric to provide homogenous edge to edge illumination.



Frameless design

The LumiCloud™ Carra has a frameless design with edge to edge homogeneous lighting.



Plug and play

The lighting system comes pre-wired with integral drivers and controllers. This makes it a quick plug and play installation.



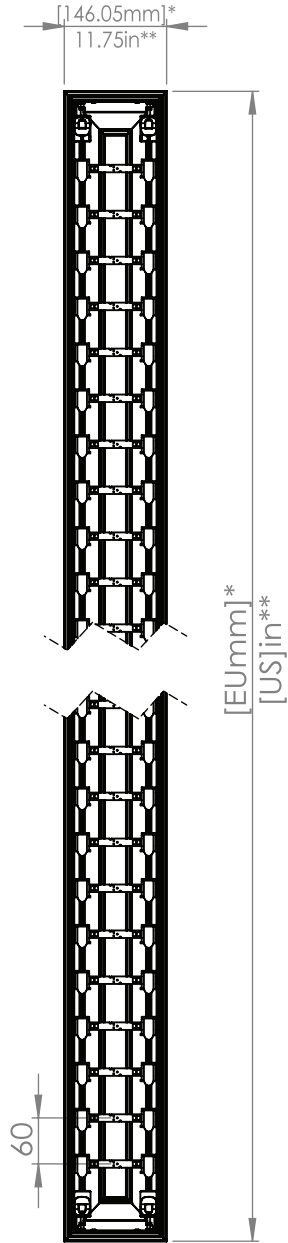
Large pixel RGBW control

The LumiCloud™ Carra Vega offers a unique protocol that allows individual pixel control.

Actual dimensions

Linea 6 x (4', 6', 8', 10', 16', 20')

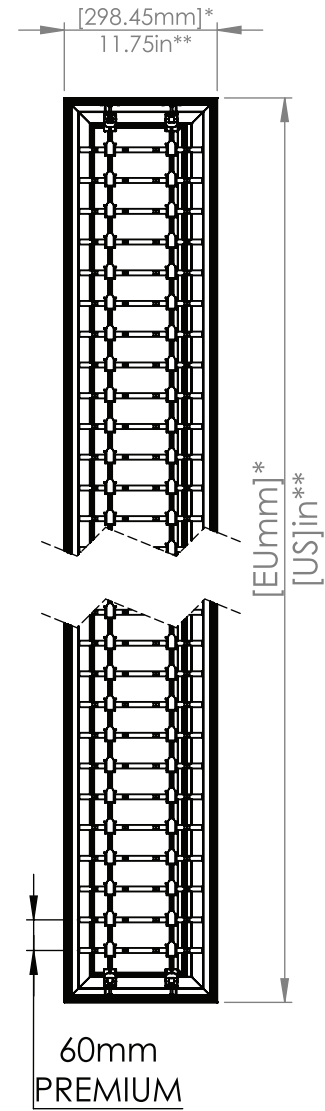
Vega Premium



Lenght (ft)	4'	6'	8'	10'	16'	20'
EU (mm)	1212.85	1822.45	2432.05	3041.65	4870.45	6089.65
US (in)	47.75	71.75	95.75	119.75	191.75	239.75

Linea 12 x (4', 6', 8', 10', 16', 20')

Vega Premium

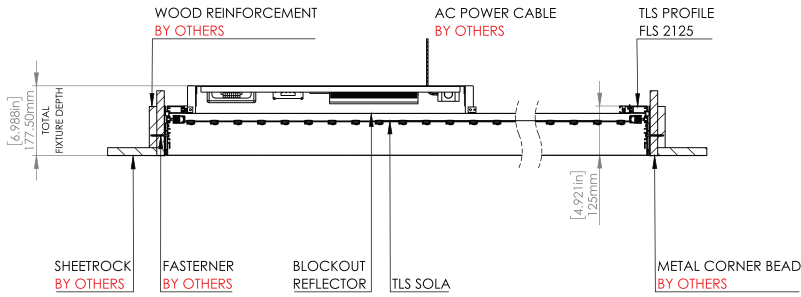


Lenght (ft)	4'	6'	8'	10'	16'	20'
EU (mm)	1212.85	1822.45	2432.05	3041.65	4870.45	6089.65
US (in)	47.75	71.75	95.75	119.75	191.75	239.75

* \square
 ** US

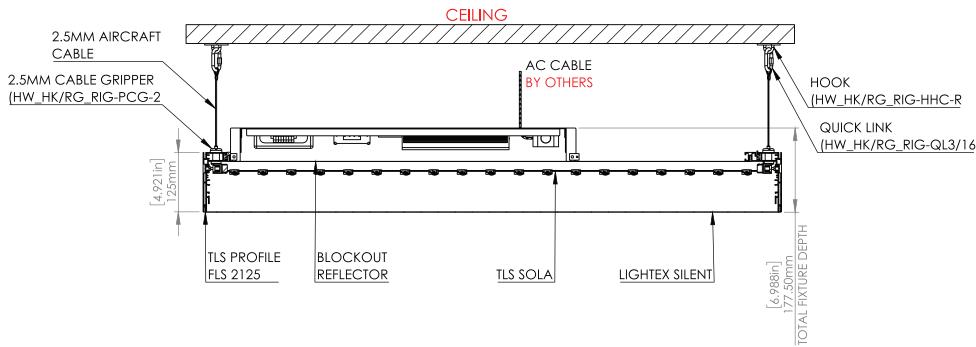
Mounting methods

Recessed (RD)



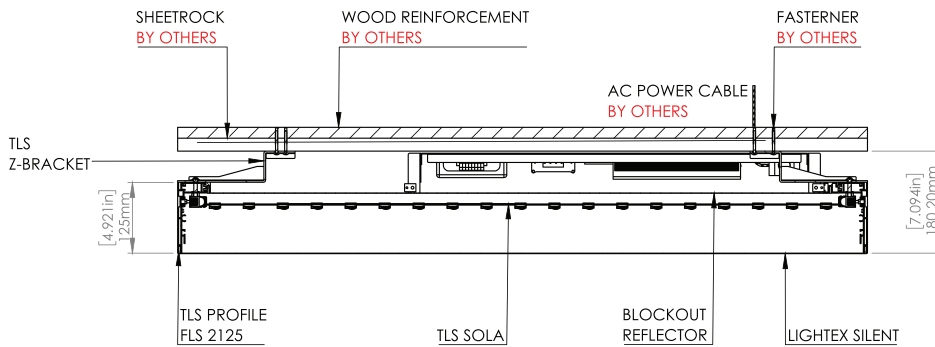
- Cavity to be 1/8" (3mm) over nominal
- Cavity to be minimum 7" (177.8mm) deep

Suspended (SP)

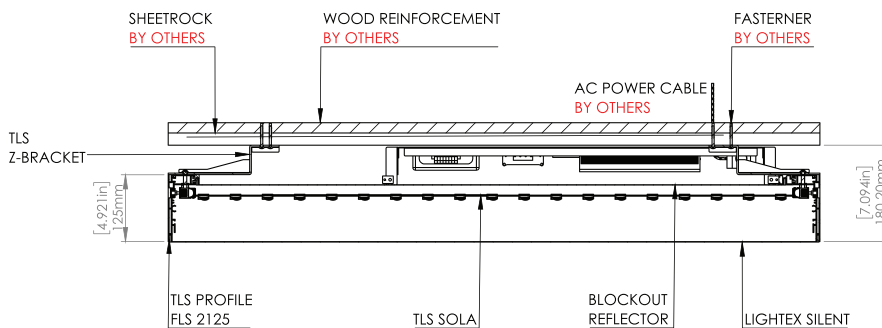


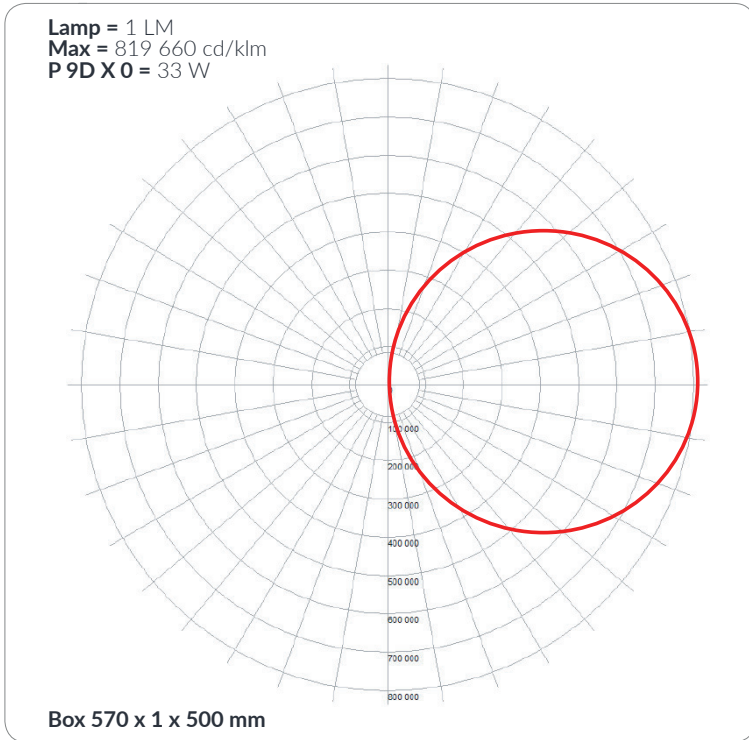
- Hooks to existing ceiling installed by others

Surface mounted (SF)



T-bar (TB)





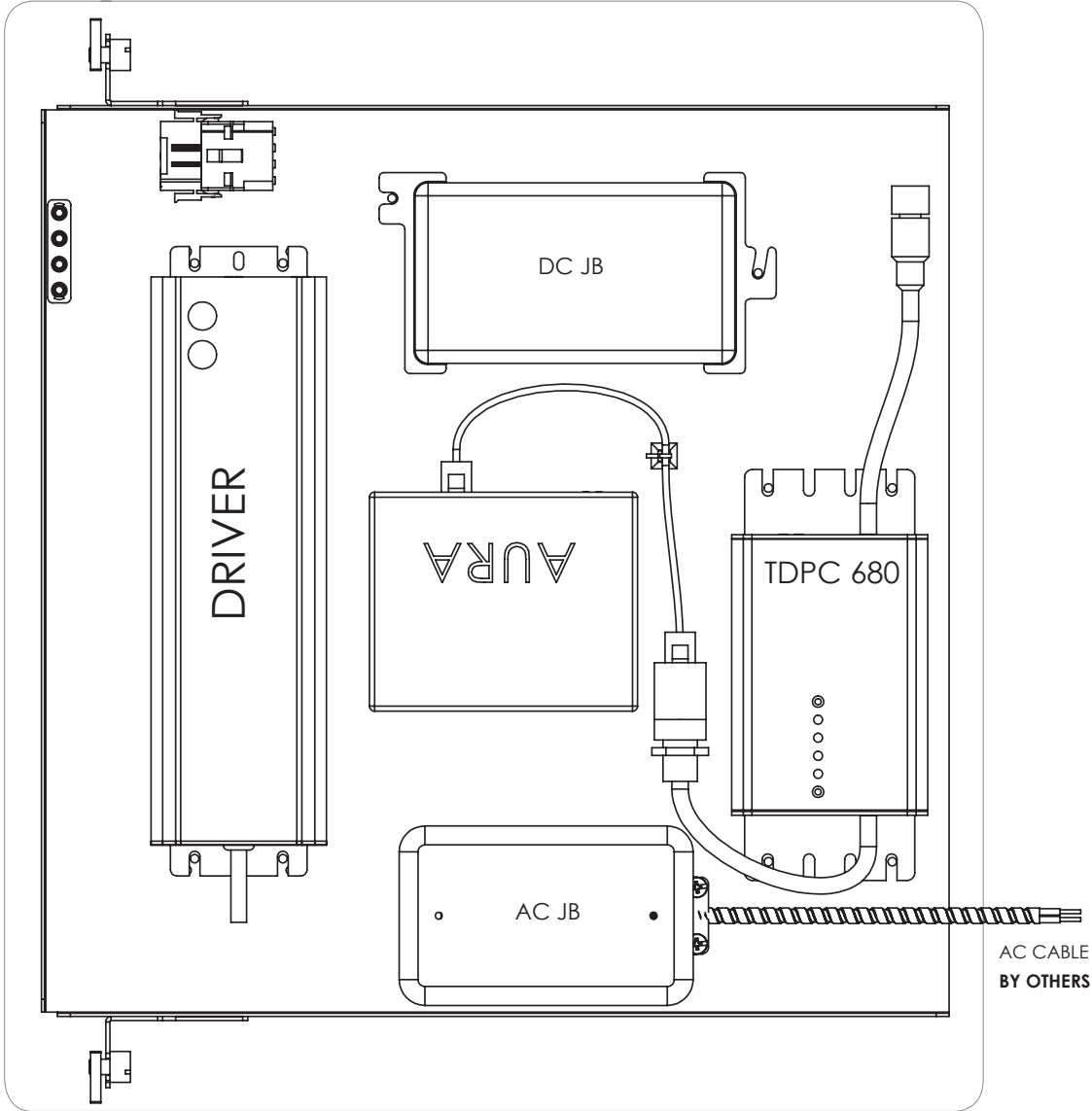
Example for 2'x2' box with premium configuration at 7500K for white LED only
 · Lumens: 2322 · Voltage: 32.2 · CRI: 90

DESCRIPTION	VALUE
LAMP	1 LM
MAX LU	819 660
P 90X0	33 W
BOX	570 X 1 X 500
TYPES OF CURVE	C
MULTIPLIER	0.001

Tested in accordance of IESNA publication
 LM-79-80

Stand alone interface

Stand alone (SA)



ELECTRIC CONTROL UNIT (ECU)

Technical information on lighting and diffuser

Electrical

DRIVER MODELS	HLG-60-24A, HLG-100-24A, HLG-150-24A, HLG-240-24A, HLG-320-24A
	HLG-60-24B, HLG-100-24B, HLG-150-24B, HLG-240-24B, HLG-320-24B
INPUT VOLTAGE	90-277 V AC, 47-63 HZ
OUTPUT VOLTAGE	24 V DC
AC CABLE	Hard wire
BOARD POWER CONSUMPTION	0.4 W Pixel (white)
APPROXIMATE SURFACE POWER CONSUMPTION	7 W / sqft (60mm, Premium)

Lighting

INGRESS PROTECTION	IP22 (indoor), IP55 (enclosure)
LUMENS / SQFT	up to 688.8 lm/sqft (for white LED)
CRI	> 90 (white LED)
LM80	> 36000 hours
OPERATING TEMPERATURE	-40 °C to 80 °C

Diffuser

FABRIC	100 % Polyester
WEIGHT	175 gr/sqm 18 gr/sqf
FIRE CLASSIFICATION	NFPA-701, B1, EN 13501-1, B-s1, d0
SOUND ABSORPTION COEFFICIENT	$\frac{\alpha_s = 0.82 \text{ (MH)}}{\alpha_w = 0.50 \text{ (MH)}} \quad \text{NRC} = 0.82$ 