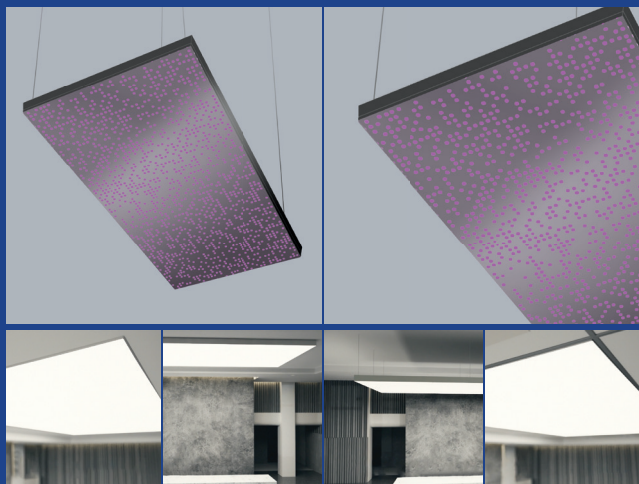


## LumiPano™ Collection AURORA



Spec by:

Agency:

Project Name:

Type of Project:

Notes:



**IP22**  
RATED



## LIGHTING PERFORMANCE\*

	Output	Size				
		2' x 2'	2' x 4'	4' x 4'	4' x 6'	4' x 8'
Power consumption (Watts)	Premium	25.6W	57.6W	129.6W	201.6W	288W
Delivered output (Lumens)		1315 lm	2959 lm	6858 lm	10357 lm	14796 lm

\* Power Consumption and Delivered output values are based on 6500K CCT without any patterns.

## ORDERING CODE

TLS	LP	AU	Rating	Size
	Product	Engine		
TLS	LumiPano <b>LP</b>	Aurora <b>AU</b>	Indoor <b>IN</b> Outdoor <b>OUT</b>	2' x 2' <b>2x2</b> 2' x 4' <b>2x4</b> 4' x 4' <b>4x4</b> 4' x 6' <b>4x6</b> 4' x 8' <b>4x8</b>

Mounting	Frame color	CCT	P Output*	Control	Standard Patterns*
Suspended Threaded Rods <b>SPT</b>	Black <b>BL</b>	4000K <b>40K</b>	Premium (746 lm/sqft)* <b>P</b>	DMX by TLS <b>DMXT</b>	Fall <b>FL</b>
Suspended Aircraft cables <b>SPA</b>	White <b>WH</b>	6500K <b>65K</b>		DMX by others <b>DMXO</b>	Hive <b>HV</b>
Recessed <b>RD</b>	Silver <b>NS</b>				LightSpeed <b>LE</b>
Surface <b>SF</b>	RAL <b>RAL</b>				Maze <b>MZ</b>
					Mondrian <b>MD</b>
					StarStream <b>SS</b>
					Custom Design <b>CD</b>

\* Lm/sqft are calculated at LED source

\*See page 07




## TECHNICAL SPECIFICATIONS

### ■ Diffuser

<b>Material</b>	Polycarbonate (PC)
<b>Weight</b>	Vary as per pattern
<b>Fire classification</b>	UL94
<b>Light transmission</b>	69%*

\*Without any pattern

### ■ Perforated Sheet Color

Material	Aluminum			
<b>Standard colors</b>	Black 	White 	Silver 	RAL 

### ■ Frame color

Material	Aluminum			
<b>Standard colors</b>	Black 	White 	Silver 	RAL 

### ■ Lighting

<b>Ingress protection</b>	IP22 (indoor)      IP65 (outdoor)
<b>CRI</b>	> 90 (white LED)
<b>LM80 *</b>	> 36,000 hours
<b>Operating temperature</b>	-30 °C TO 80 °C

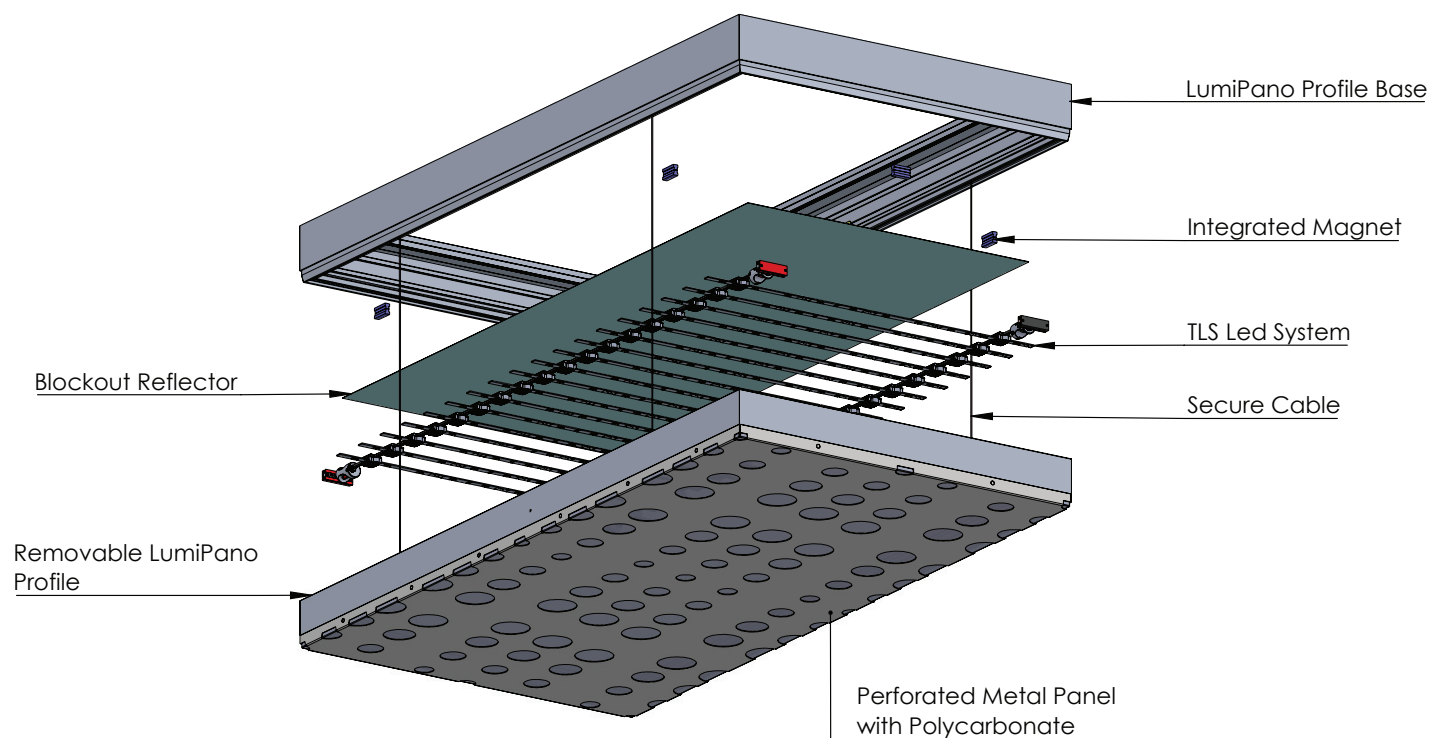
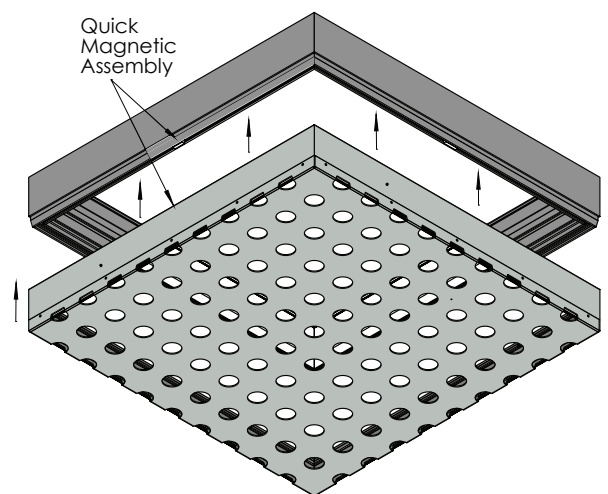
Note: \*LM80 Test is only applicable to white pixels.

<b>Warranty*</b>	5-year limited warranty for LED
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\* Warranty Terms and Conditions at [www.tls-led.com/warranty](http://www.tls-led.com/warranty)

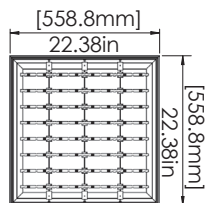
## STRUCTURE

The LumiPano magnetic profile clipping technology allows for easy disassembly of the luminous panel to gain access to the lighting engine and the plenum above. The reassembly is as easy as clicking the framing back into position to hold the frame securely in place.

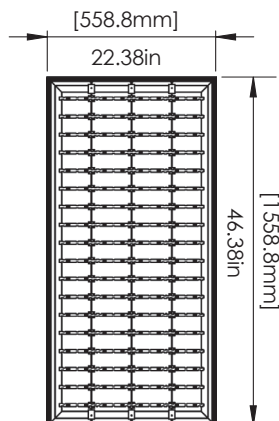


## SIZES PREMIUM

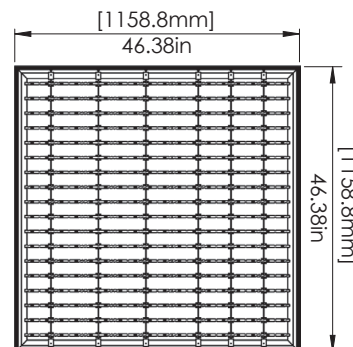
**2'x2'**



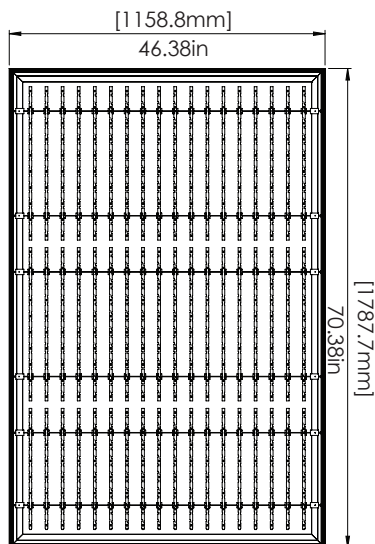
**2'x4'**



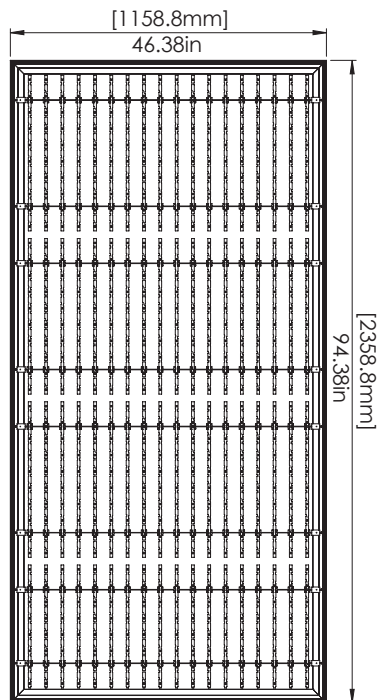
**4'x4'**



**4'x6'**



**4'x8'**



### ■ Weight Premium

Size	2'x2'	2'x4'	4'x4'	4'x6'	4'x8'
Kg	17.29	22.55	29.31	40.34	46.33
Lbs	38.12	49.71	64.62	88.94	102.14

\*At 50% of perforation.



## LIGHTING PERFORMANCE AND EFFICIENCY

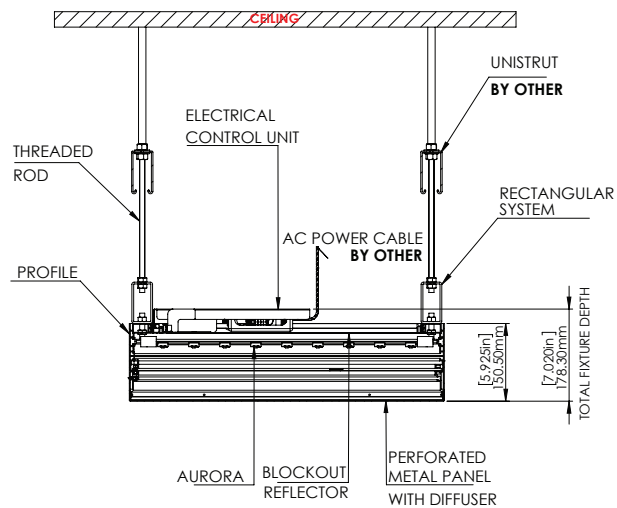
### ■ Light transmission

Patterns	Percent of Perforation	Output
Fall	31%	2064
Hive	37%	2463
LightSpeed	24%	1598
Maze	33%	2197
Mondrian	16%	1065
StarStream	13%	866

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

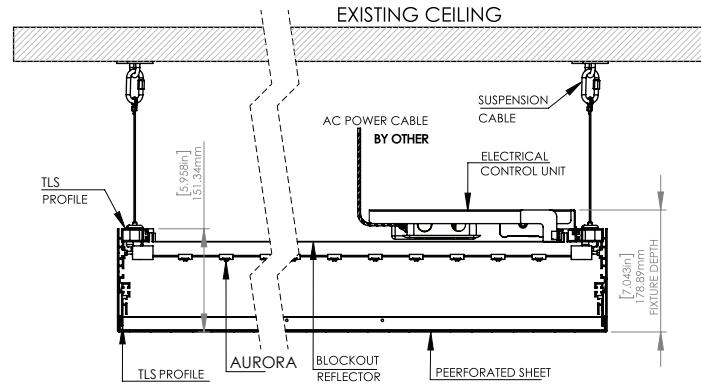
## MOUNTING OPTIONS

### ■ Suspended with Threaded Rods (SPT)



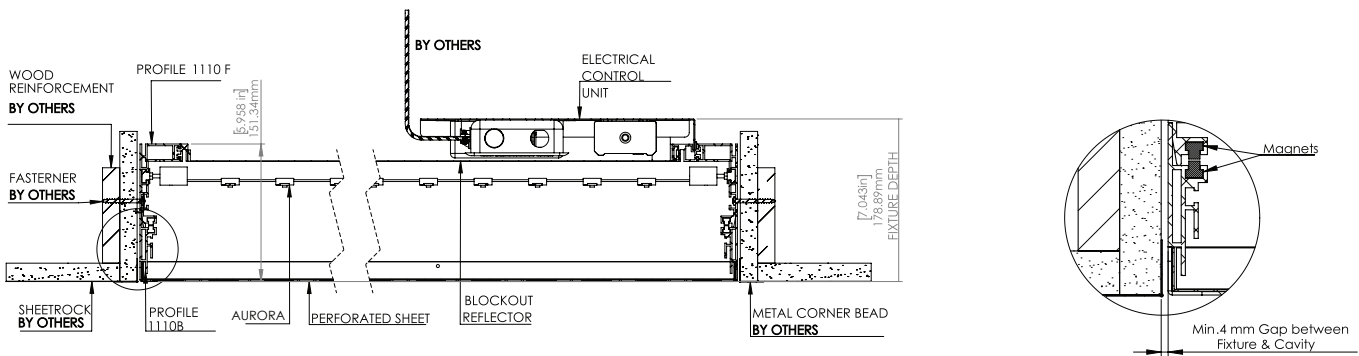
## MOUNTING OPTIONS

### ■ Suspended with Aircraft Cables (SPA)



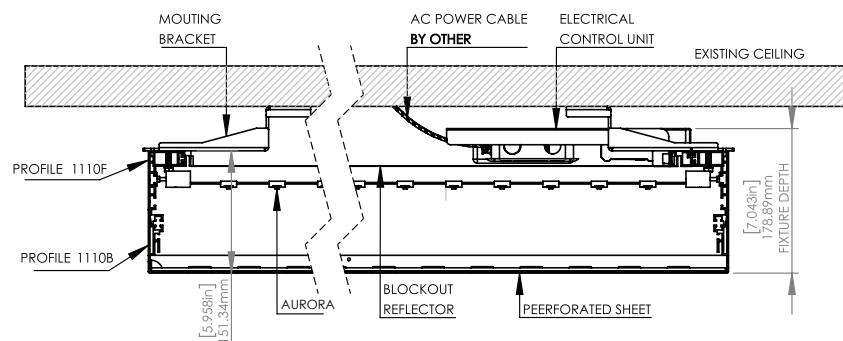
- Hooks to existing ceiling installed by others

### ■ Recessed (RD)



- Cavity to be 4 mm over nominal
- Cavity to be minimum 7" (177.8 mm) deep

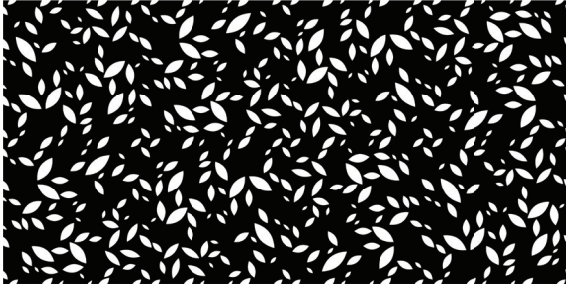
### ■ Surface (SF)



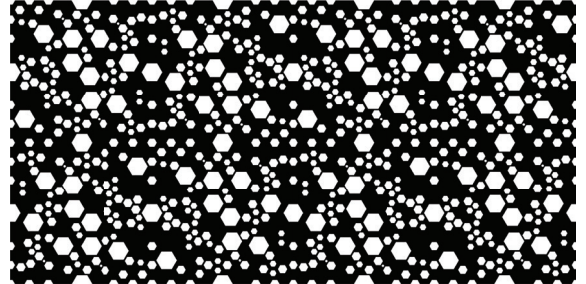
Note: Parts reference numbers are available upon request.

## PATTERNS

### ■ Fall (FL)



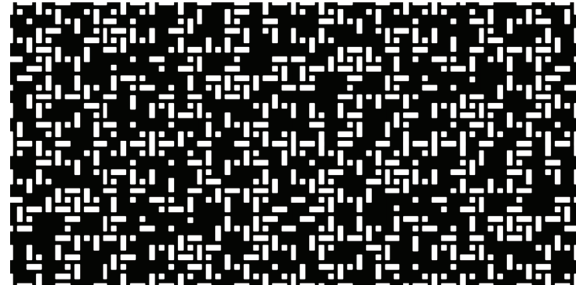
### ■ Hive (HV)



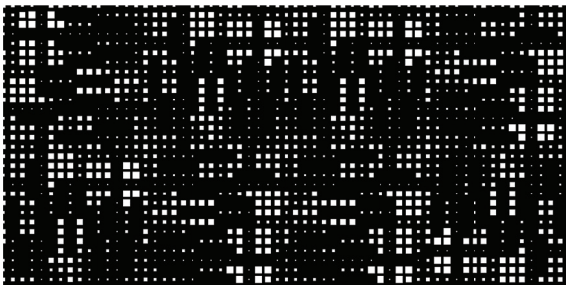
### ■ LightSpeed (LE)



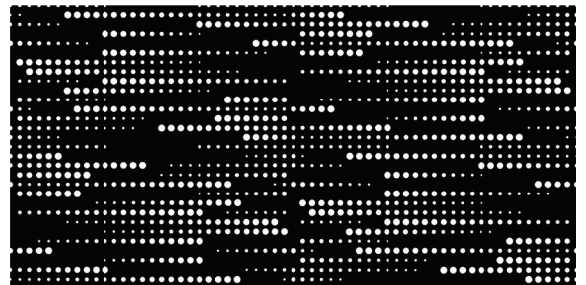
### ■ Maze (MZ)



### ■ Mondrian (MD)

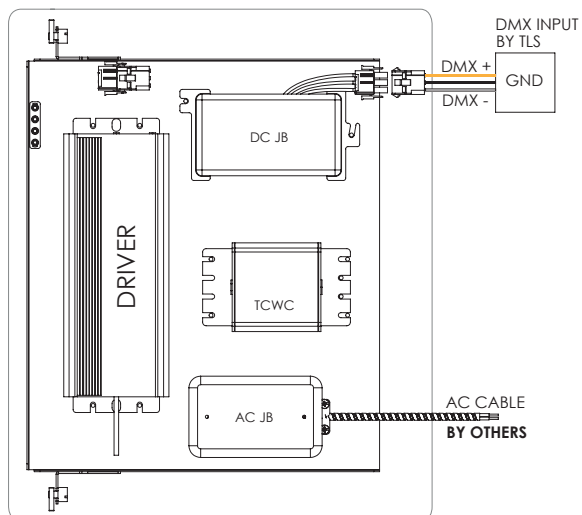


### ■ StarStream (SS)

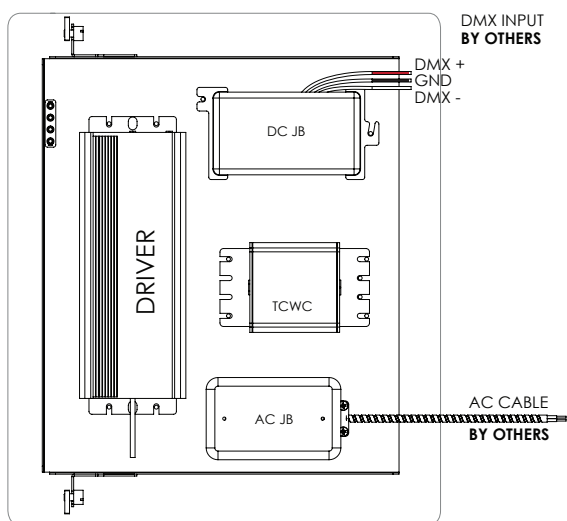


## CONTROL

### ■ DMX by TLS (DMXT)



### ■ DMX by others (DMXO)



### ■ Electrical

<b>Driver models</b>	HLG-60-15A, HLG-100-15A, HLG-150-15A, HLG-240-15A, HLG-320-15A
<b>Input voltage</b>	90-305 V AC, 47-63 HZ
<b>Output voltage</b>	14-15 V DC