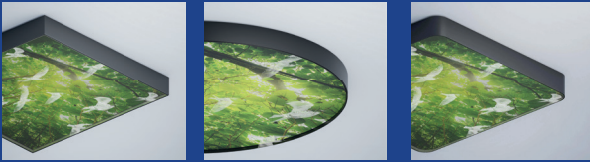


LumiCloud™ 3D – SOLA



Spec by:

Agency:

Project Name:

Type of Project:

Notes:

IP22
RATED



LIGHTING PERFORMANCE*

CARRA	Output	Type		
		8' x 4'	10' x 6'	12' x 8'
Power consumption (Watts)	Premium	252W	490W	798W

CIRCA	Output	Type				
		4ft	5ft	6ft	8ft	10ft
Power consumption (Watts)	Premium	92.4W	156.8W	217W	414.4W	664.3W

* Power consumption is based on LED source (6500K)

ORDERING CODE

TLS	LC3D		SL								
	Product	Model	Engine	Rating		Size				Frame	Mounting
TLS	LumiCloud 3D LC3D	Carra CR	Sola SL	Indoor IN Outdoor OUT	8'x4' 8x4	4' 4	Squared corner SQ	Recessed RD			
		Circa CI			10'x6' 10x6	5' 5	Rounded corner RO	Surface SF			
					12'x8' 12x8	6' 6	N/A* NA	Suspended SP			
						8' 8		T-bar ¹ TB			
						10' 10		Wall Surface WLS			
								Wall Recessed WLR			

* for Circa

¹ Not available for Circa and rounded corners

	27K-65K				LM	3DMF		
Frame color	CCT		Output*	Control	Diffuser	Diffuser	3D Design*	
Black	BL	2700K-6500K 27K-65K	Premium (859 lm/sq) ² P	0-10V	0/10	LightTex Media LM	3D Mesh Flex 3DMF	* Browse the 3D inspirations in the cutsheet's final section or the full inspiration catalog. Choose your preferred design and enter its code here.
White	WH			RF Remote	RM			
Silver	NS			Dali	DA			
				DMX	DMX			

² Lm/sq are calculated at LED source

TECHNICAL SPECIFICATIONS

■ Diffuser

	LightTex Media	3D Mesh Flex
Material	100 % Polyester	100 % Polyester
Weight	172 gr/m2 (16 gr/ft2)	43gr/m2 (4gr/ft2)
Fire classification	NFPA-701, B1, EN 13501-1, B-s1, d0	NFPA-701, B1, EN 13501-1, B-s1, d0

■ Frame color

Material	Aluminum		
Standard colors	Black 	White 	Silver 

Note: Custom colors are available.

■ Lighting

Ingress protection	IP65 - IP22 (indoor)
CRI	~ 90 (white LED)
LM80 *	> 150,000 hours
Operating temperature	-30 °C TO 80 °C

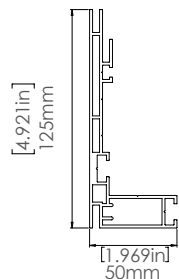
Note: *LM80 Test is only applicable to white pixels.

Warranty*	5-year limited warranty for LED
------------------	---------------------------------

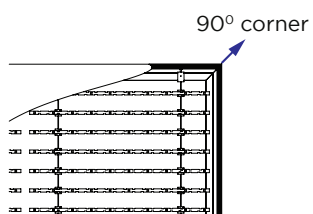
* Warranty Terms and Conditions at www.tls-led.com/warranty

FRAME

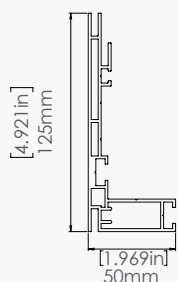
■ Frameless square corner (SQ)



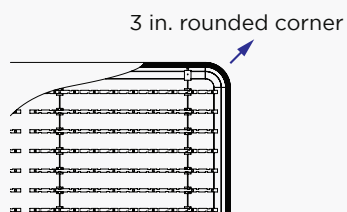
FLS 2125-V2



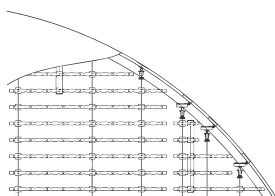
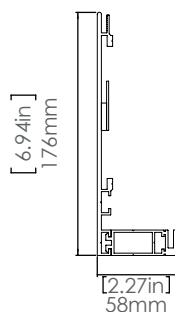
■ Frameless rounded corners (RO)



FLS 2125-V2

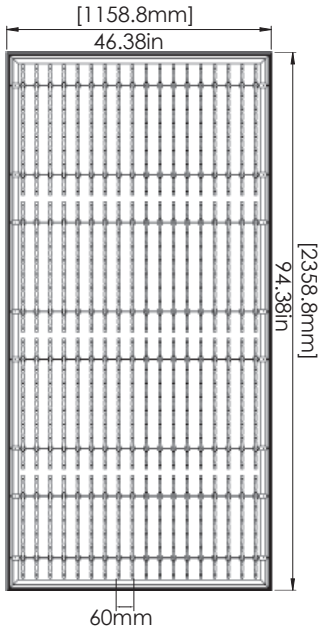


■ Circa

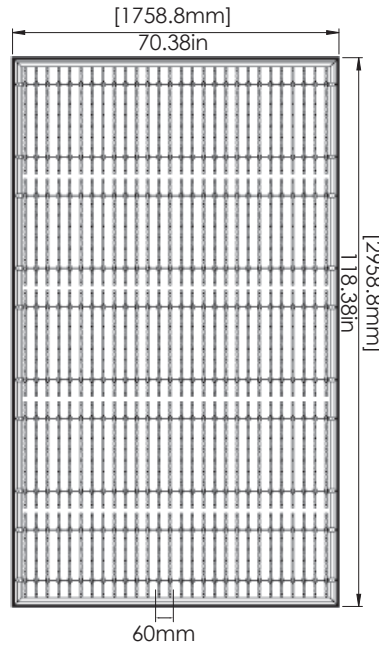


SIZES PREMIUM

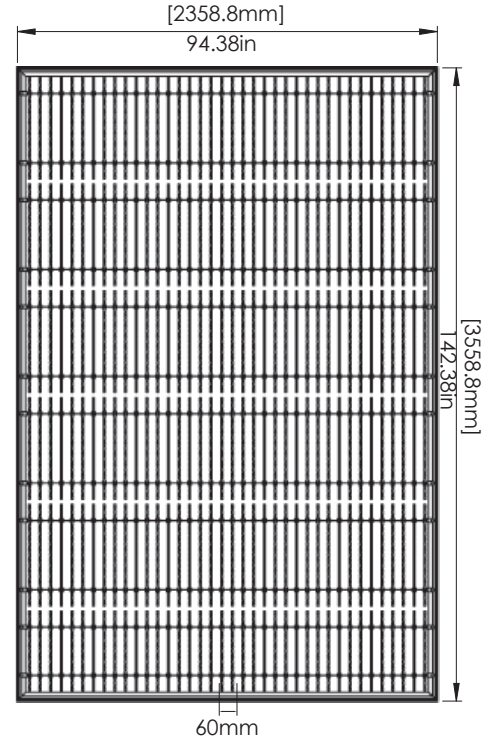
8'x4'



10'x6'



12'x8'



Note: Custom dimensions are available with LumiCloud™ Bespoke model.

■ Carra Square Corners Weight (Premium)

Size	4'x8'	6'x10'	8'x12'
Kg	33.4	59.6	71.3
Lbs	73.7	131.4	157.1

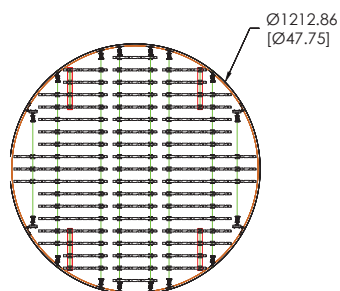
■ Carra Rounded Corners Weight (Premium)

Size	4'x8'	6'x10'	8'x12'
Kg	33.6	59.7	71.4
Lbs	74.0	131.7	157.4

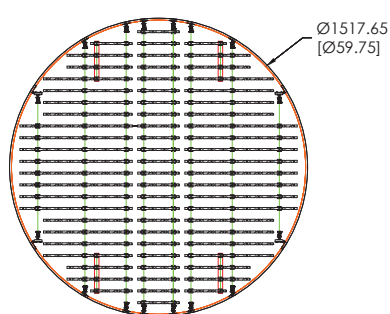
Variations may occur but should not exceed indicated values.

SIZES PREMIUM

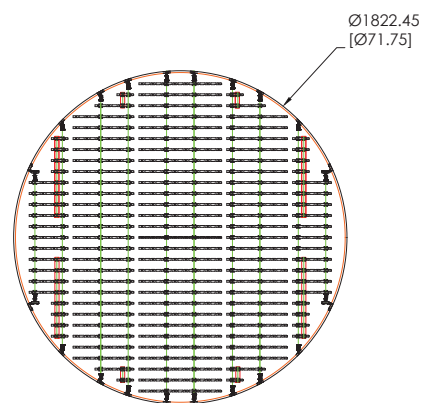
4ft



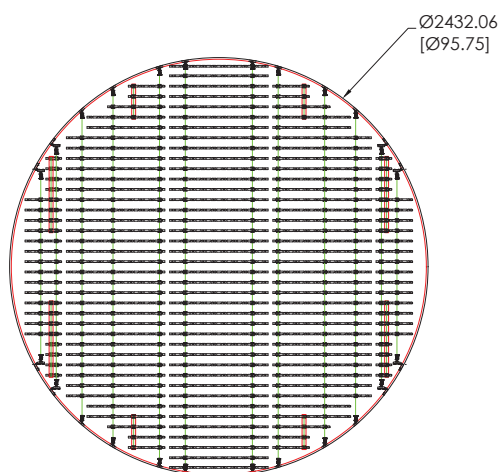
5ft



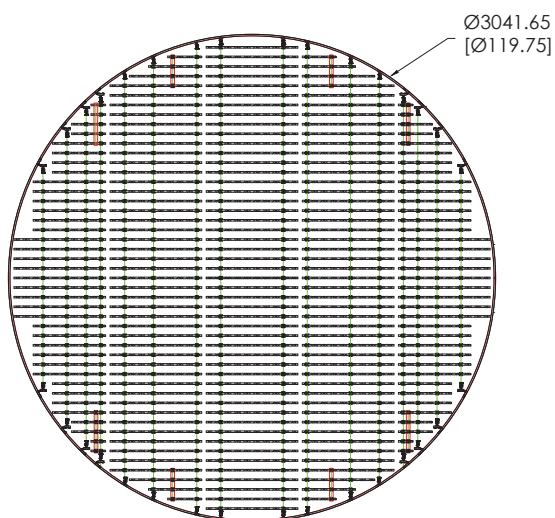
6ft



8ft



10ft



Note: Custom dimensions are available with LumiCloud™ Bespoke model.

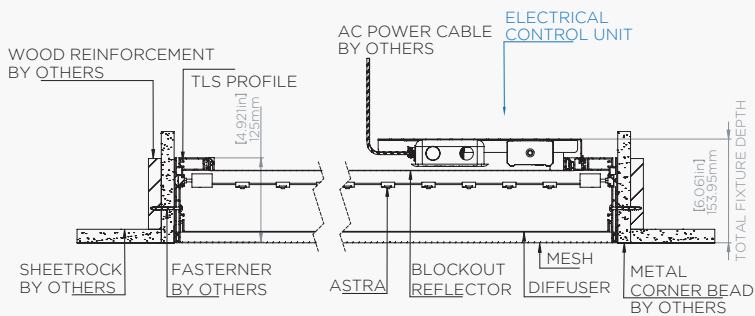
■ Circa Weight (Premium)

Size	4ft	5ft	6ft	8ft	10ft
Kg	26.8	32.1	38.3	54.4	76.2
Lbs	59.1	70.7	84.4	119.9	168.1

Variations may occur but should not exceed indicated values.

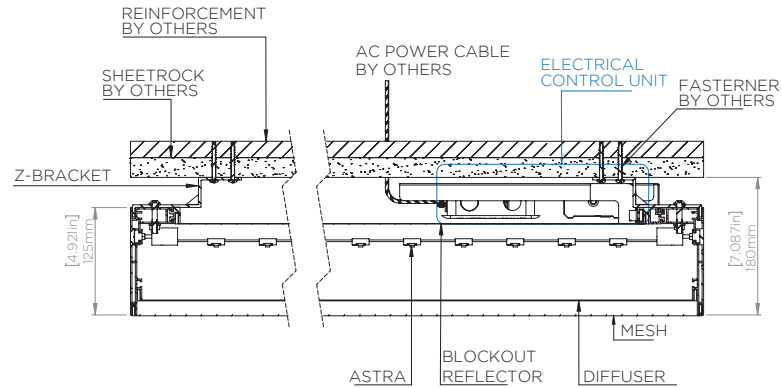
MOUNTING OPTIONS

Recessed (RD)

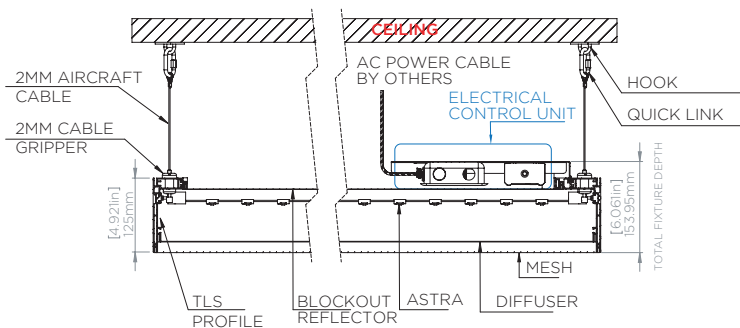


- Cavity to be 1/8" (3mm) over nominal
- Cavity to be minimum 7" (177.8mm) deep

Surface (SF)

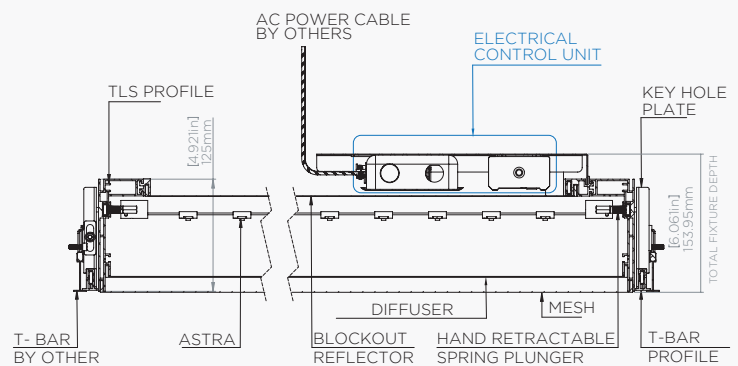


Suspended (SP)



- Hooks to existing ceiling installed by others

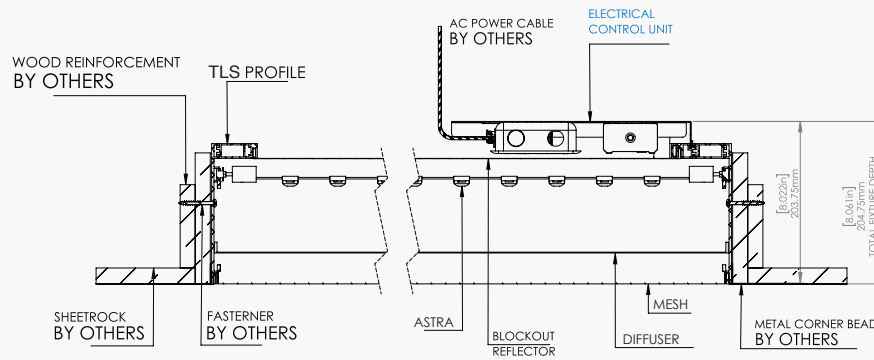
T-bar (TB)



Note: Parts reference numbers are available upon request.

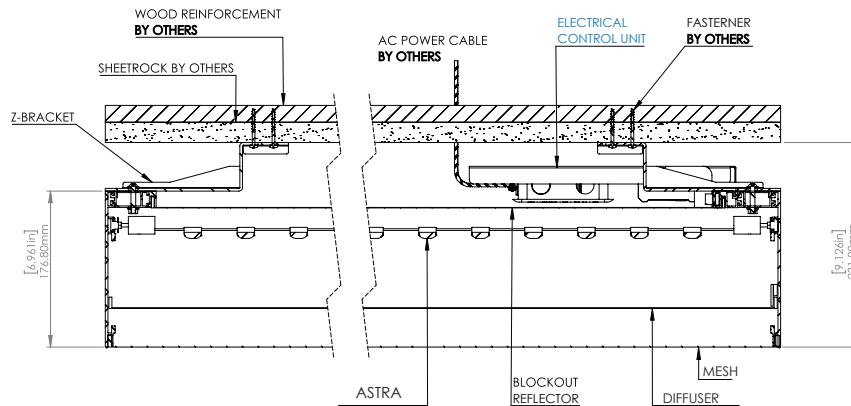
MOUNTING OPTIONS (CIRCA STANDARD)

■ Recessed (RD)

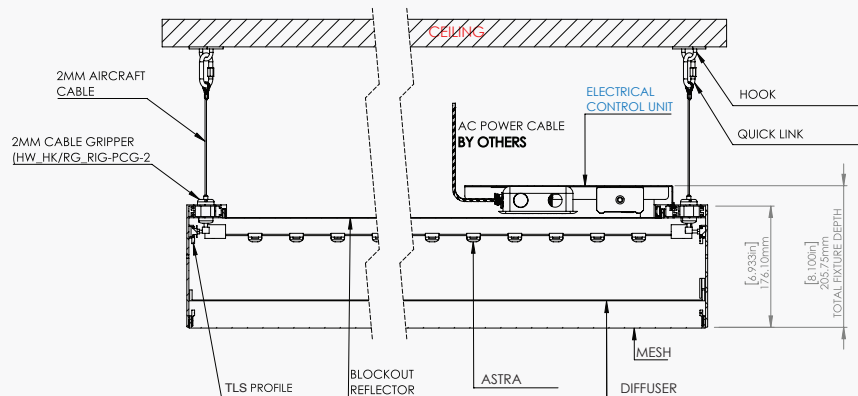


- Cavity to be 1/8" (3mm) over nominal
- Cavity to be minimum 7" (177.8mm) deep

■ Surface mounted (SF)



■ Suspended (SP)

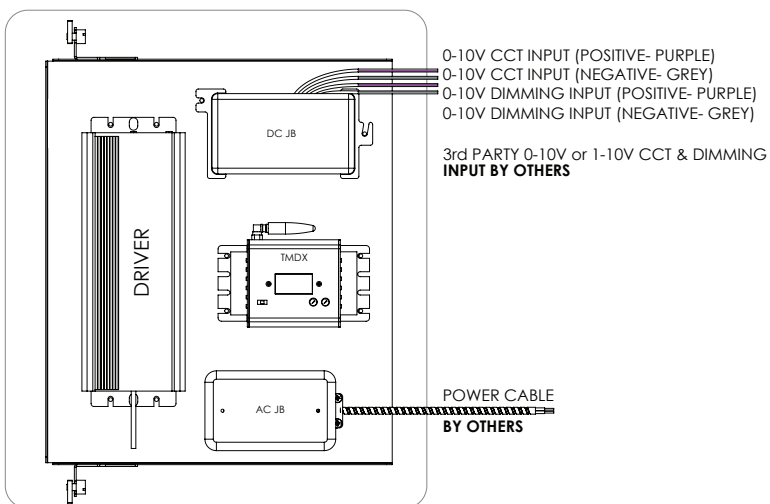


- Hooks to existing ceiling installed by others

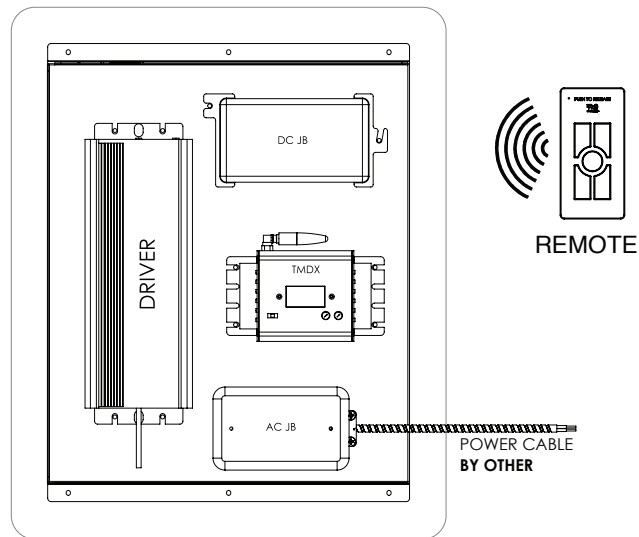
Note: Parts reference numbers are available upon request.

CONTROL

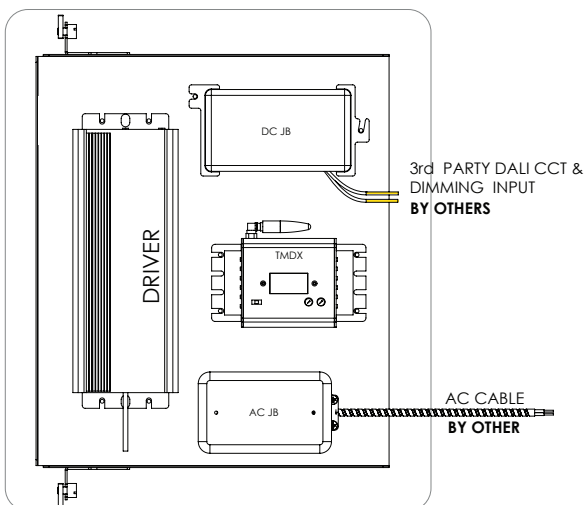
0-10V (0/10)



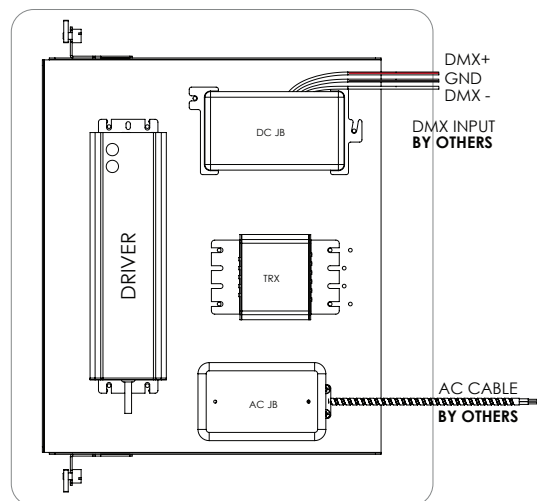
RF Remote (RM)



Dali (DA)



DMX (DMX)



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

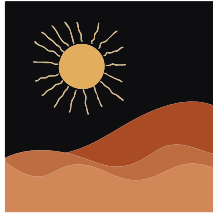
INSPIRATIONAL 3D OPTIONS

■ Light with Depth, Dimension, and Design

LumiCloud 3D introduces a new way to experience illumination—where light and pattern combine to create a **stunning three-dimensional visual effect**. The result is a bold statement that transforms ceilings and walls into vibrant, dynamic surfaces.



THE BACK BANNER



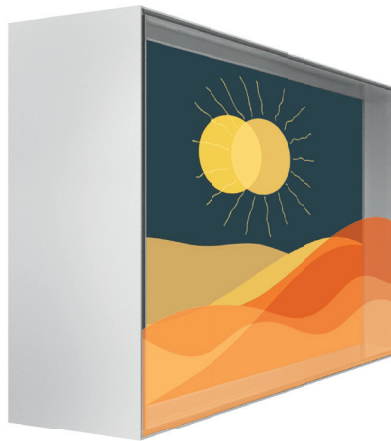
THE FRONT
MESH BANNER



THE BACK BANNER +
MESH BANNER

■ The Back Banner + the Mesh Banner

- **The back banner** (solid) provides the background scene.
- **The front mesh banner** adds semi-transparent elements that create depth and motion when viewed from different angles.
- **The distance** between the two banners amplifies the 3D effect.



Choose from a curated range of **visual patterns**, designed to inspire every environment:

Distinctive. Immersive. Memorable.

LumiCloud 3D transforms ordinary illumination into a **multi-dimensional experience**.

INSPIRATIONAL 3D OPTIONS

■ Ceiling Skyward Whisper Code: **CSW01**



THE BACK BANNER

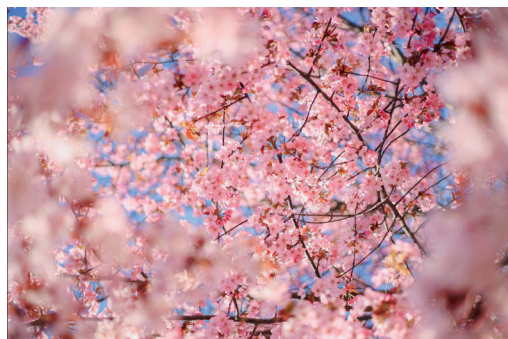


THE FRONT
MESH BANNER



THE BACK BANNER +
MESH BANNER

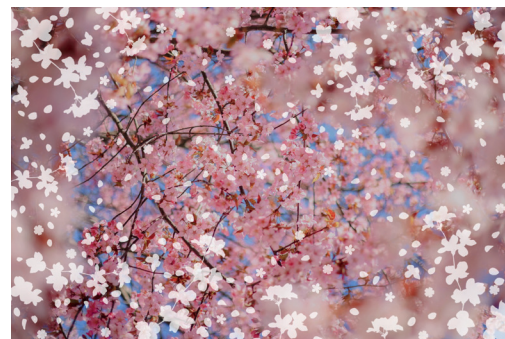
■ Ceiling Sakura Breeze Code: **CSB02**



THE BACK BANNER

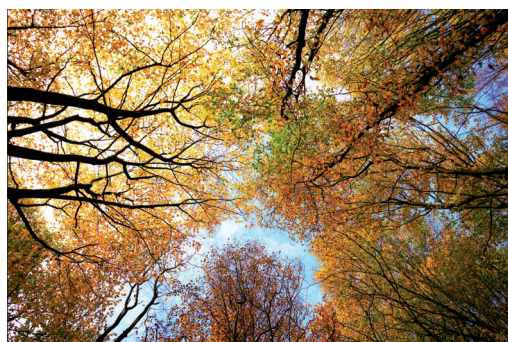


THE FRONT
MESH BANNER



THE BACK BANNER +
MESH BANNER

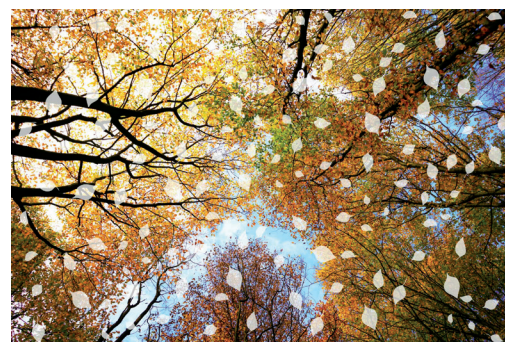
■ Ceiling The Falling Season Code: **CFS03**



THE BACK BANNER



THE FRONT
MESH BANNER



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MESH BANNER

INSPIRATIONAL 3D OPTIONS

■ Wall Celestial Forest

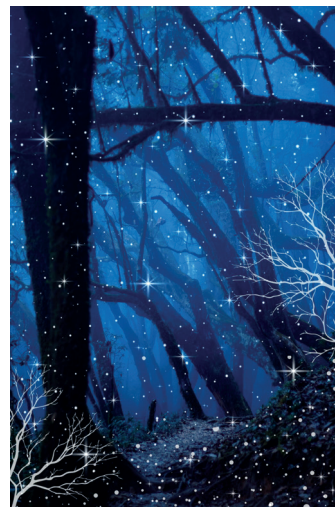
Code: **CCF04**



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■ Wall Verdant Veil

Code: **WVV05**



THE BACK BANNER



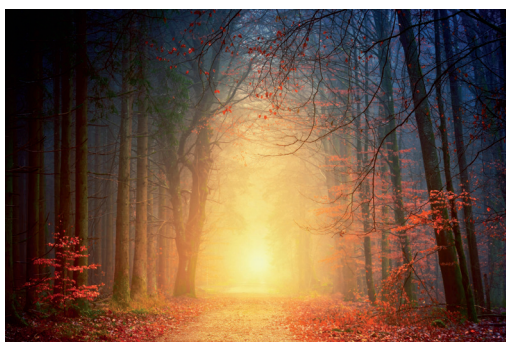
THE FRONT
MESH BANNER



THE BACK BANNER +
MESH BANNER

■ Wall Whispers of Spring

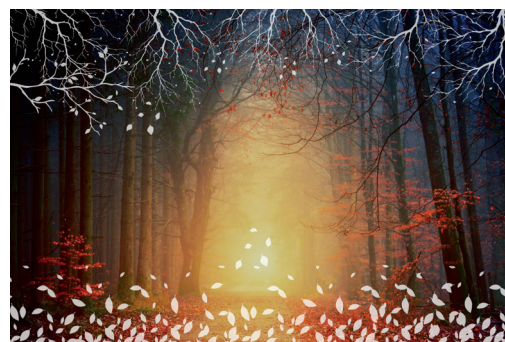
Code: **WWS06**



THE BACK BANNER



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MESH BANNER



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MESH BANNER

INSPIRATIONAL 3D OPTIONS

■ Ceiling Celestial Roots Code: **CCR07**



THE BACK BANNER

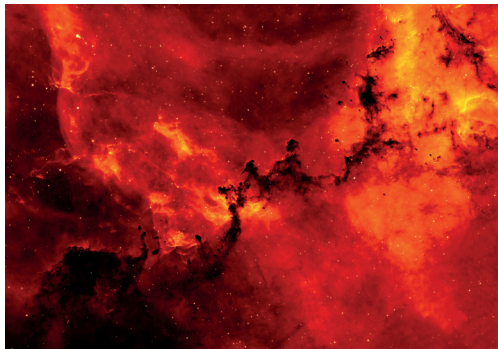


THE FRONT
MESH BANNER



THE BACK BANNER +
MESH BANNER

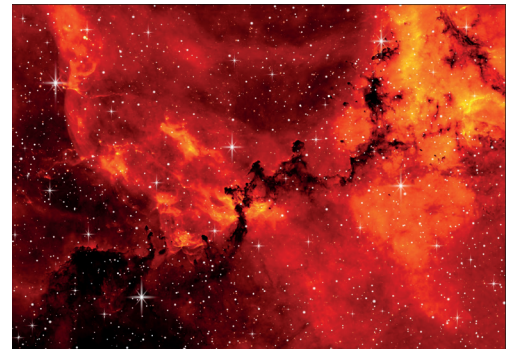
■ Ceiling The Ember Sky Code: **CES08**



THE BACK BANNER



THE FRONT
MESH BANNER

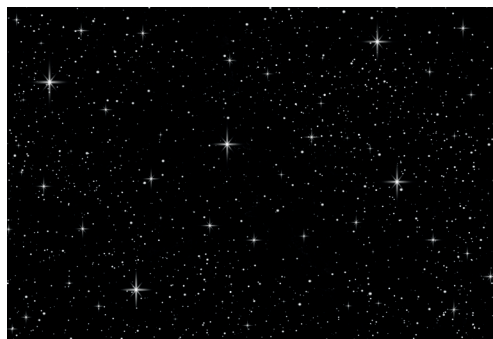


THE BACK BANNER +
MESH BANNER

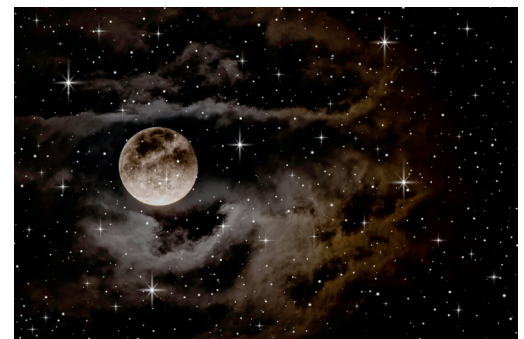
■ Ceiling Lunar Reverie Code: **CLR09**



THE BACK BANNER



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MESH BANNER

INSPIRATIONAL 3D OPTIONS

■ Wall Celestial Tide

Code: **WCT10**



THE BACK BANNER



THE FRONT
MESH BANNER



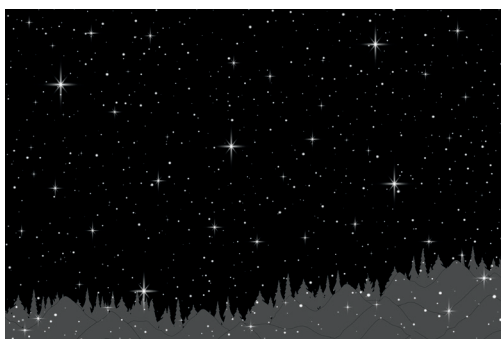
THE BACK BANNER +
MESH BANNER

■ Wall Silent Constellations

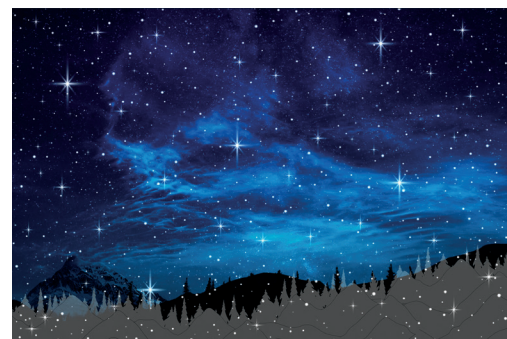
Code: **WSC11**



THE BACK BANNER



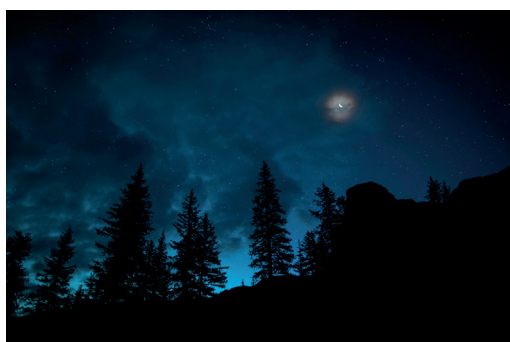
THE FRONT
MESH BANNER



THE BACK BANNER +
MESH BANNER

■ Wall Echoes of Midnight

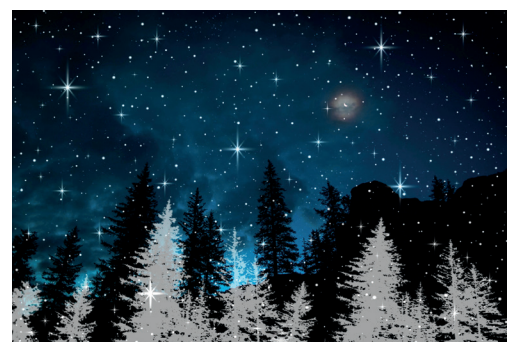
Code: **WEM12**



THE BACK BANNER



THE FRONT
MESH BANNER



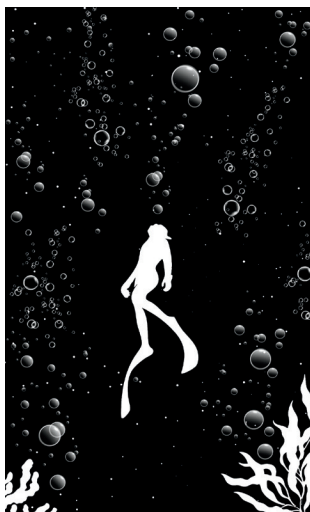
THE BACK BANNER +
MESH BANNER

INSPIRATIONAL 3D OPTIONS

■ Wall Abyss of Light Code: **WAL13**



THE BACK BANNER

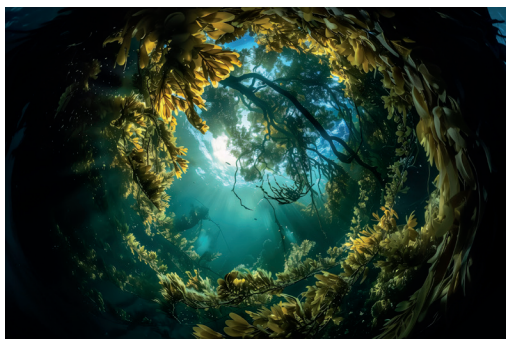


THE FRONT
MESH BANNER

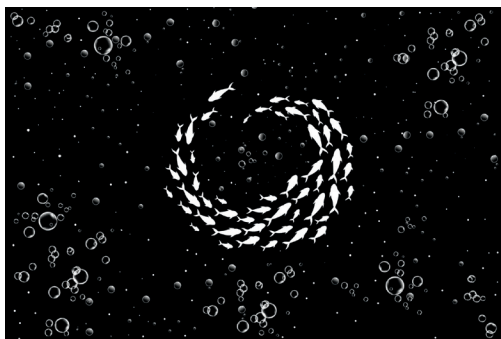


THE BACK BANNER +
MESH BANNER

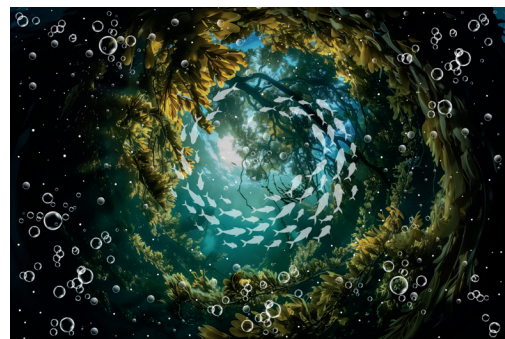
■ Ceiling Ocean Layers Code: **COL14**



THE BACK BANNER



THE FRONT
MESH BANNER



THE BACK BANNER +
MESH BANNER

■ Ceiling Dance of the Rays Code: **CDR15**



THE BACK BANNER



THE FRONT
MESH BANNER

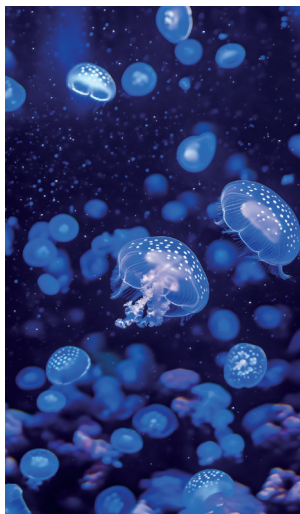


THE BACK BANNER +
MESH BANNER

INSPIRATIONAL 3D OPTIONS

■ Wall The Silent Bloom

Code: **WSB16**



THE BACK BANNER



THE FRONT
MESH BANNER



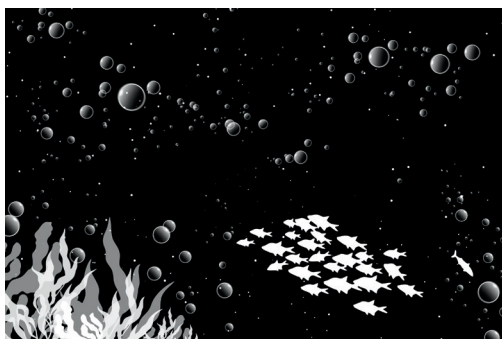
THE BACK BANNER +
MESH BANNER

■ Wall The Hunter's Current

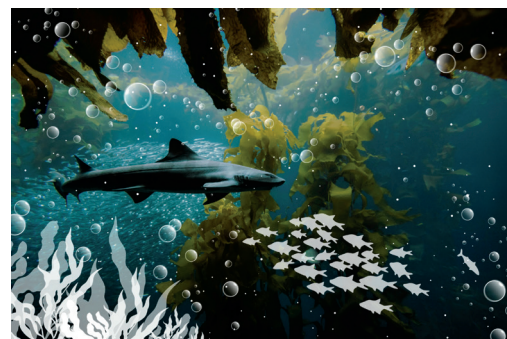
Code: **WHC17**



THE BACK BANNER



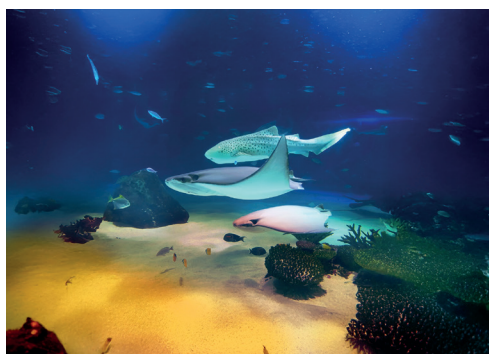
THE FRONT
MESH BANNER



THE BACK BANNER +
MESH BANNER

■ Wall The Ocean Floor

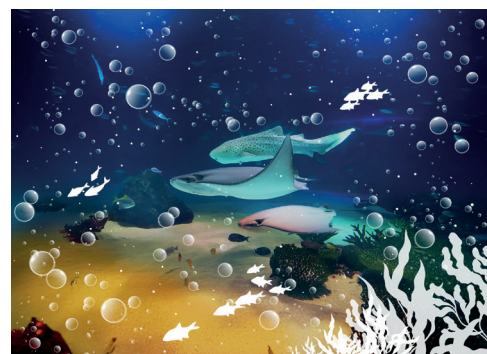
Code: **WOF18**



THE BACK BANNER



THE FRONT
MESH BANNER



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Discover endless design possibilities in our **LumiCloud 3D Inspiration Catalog**.

INSPIRATIONAL 3D OPTIONS

- **Wall / Ceiling Amber Waves**
Code: **WCAW19**



THE BACK BANNER

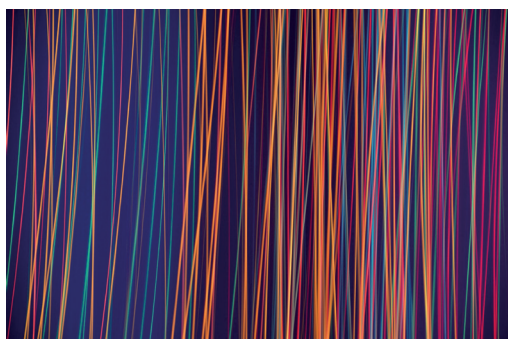


THE FRONT
MESH BANNER



THE BACK BANNER +
MESH BANNER

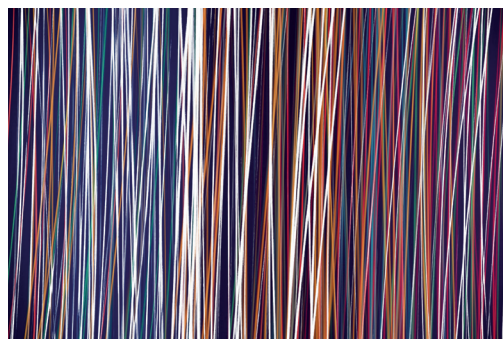
- **Wall / Ceiling Electric Flow**
Code: **WCEF20**



THE BACK BANNER

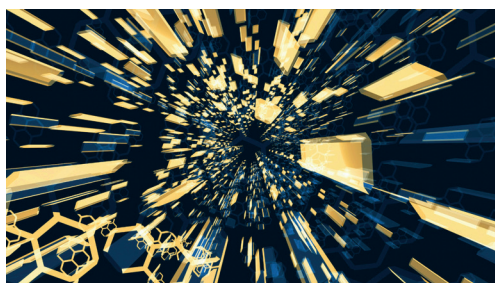


THE FRONT
MESH BANNER

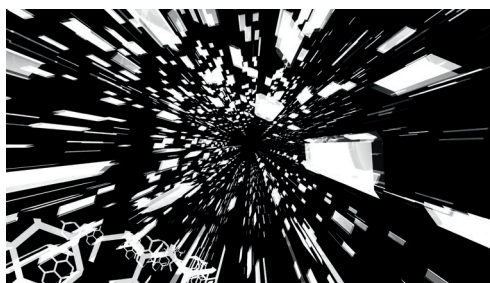


THE BACK BANNER +
MESH BANNER

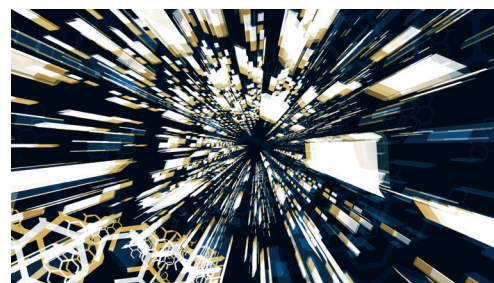
- **Wall / Ceiling Quantum Flow**
Code: **WCQF21**



THE BACK BANNER



THE FRONT
MESH BANNER



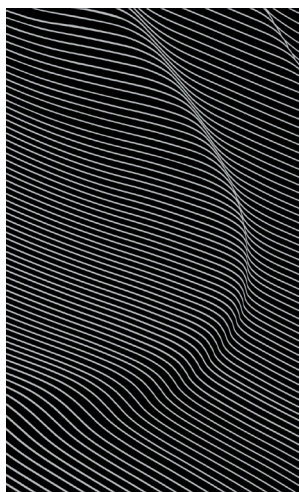
THE BACK BANNER +
MESH BANNER

INSPIRATIONAL 3D OPTIONS

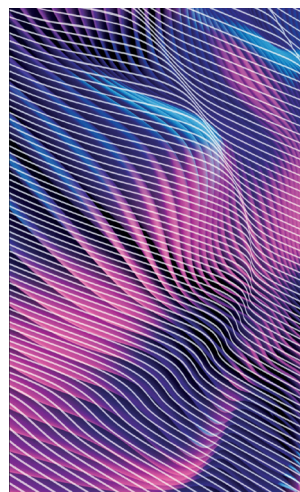
- **Wall / Ceiling Waves of Light**
Code: **WCWL22**



THE BACK BANNER



THE FRONT
MESH BANNER



THE BACK BANNER +
MESH BANNER

- **Wall / Ceiling Orange Horizon**
Code: **WCOH23**



THE BACK BANNER

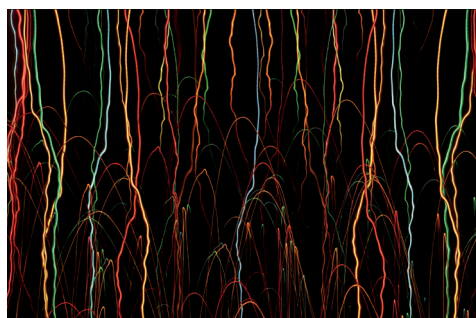


THE FRONT
MESH BANNER

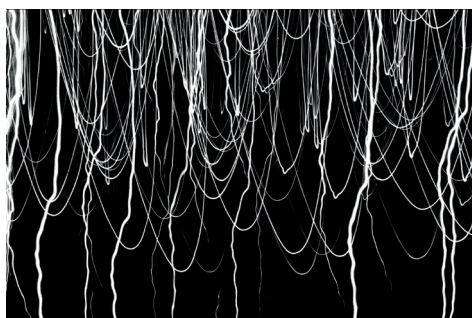


THE BACK BANNER +
MESH BANNER

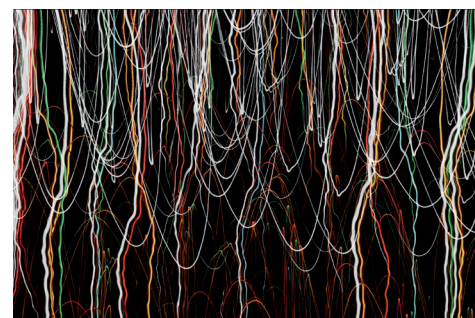
- **Wall / Ceiling Neon Rain**
Code: **WCNR24**



THE BACK BANNER



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MESH BANNER



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INSPIRATIONAL 3D OPTIONS

■ Ceiling City of Light Code: **CCL25**



THE BACK BANNER



THE FRONT
MESH BANNER

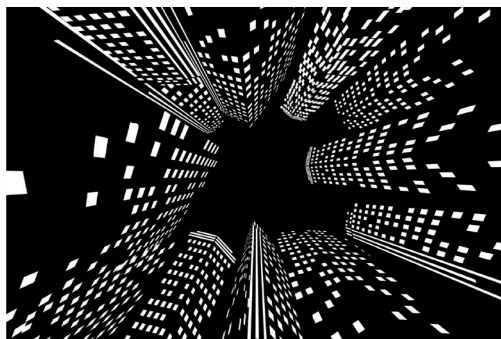


THE BACK BANNER +
MESH BANNER

■ Ceiling Urban Pulse Code: **CUP26**



THE BACK BANNER

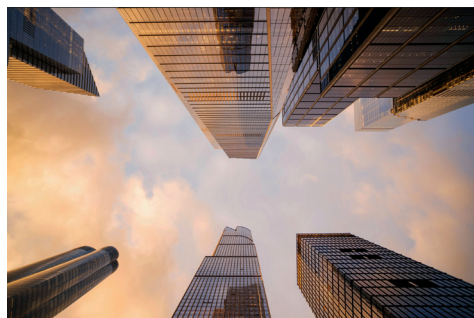


THE FRONT
MESH BANNER



THE BACK BANNER +
MESH BANNER

■ Ceiling Metropolis Dream Code: **CMD27**



THE BACK BANNER



THE FRONT
MESH BANNER



THE BACK BANNER +
MESH BANNER

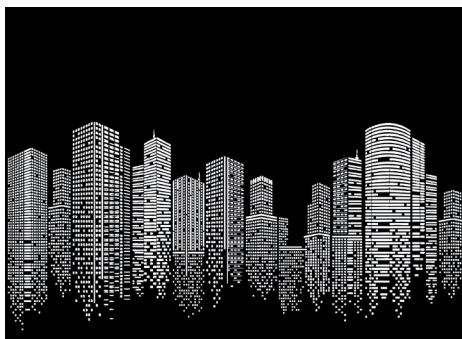
INSPIRATIONAL 3D OPTIONS

■ Wall Nightfall Reflections

Code: **WNR28**



THE BACK BANNER



THE FRONT
MESH BANNER



THE BACK BANNER +
MESH BANNER

■ Wall City of Mirrors

Code: **WCM29**



THE BACK BANNER



THE FRONT
MESH BANNER



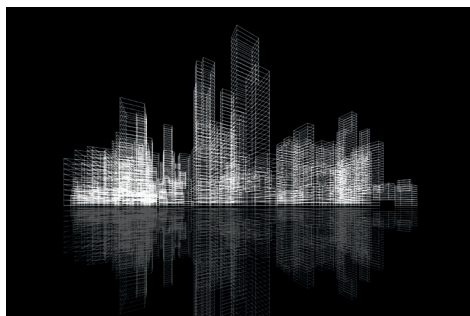
THE BACK BANNER +
MESH BANNER

■ Wall Urban Dreamscape

Code: **WUD30**



THE BACK BANNER



THE FRONT
MESH BANNER



THE BACK BANNER +
MESH BANNER