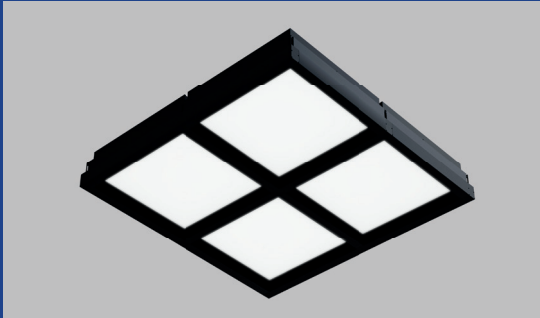


LumiSky™ ASTRA



Spec by:

Agency:

Project Name:

Type of Project:

Notes:

IP22
RATED

5 YEARS
WARRANTY



LIGHTING PERFORMANCE*

	Output	Grid Configuration (2'x2' panel)**					
		1 x 1	2 x 1	2 x 2	2 x 3	3 x 3	5 x 10
Power consumption (Watts)	Premium	39W	77W	154W	231W	347W	1925W
Delivered output (Lumens)		3100 lm	6200 lm	12400 lm	18600 lm	27900 lm	155000 lm
Power consumption (Watts)	Standard	18W	35W	70W	105W	158W	875W
Delivered output (Lumens)		1225 lm	2449 lm	4898 lm	7347 lm	11021 lm	61225 lm

* Power Consumption and Delivered output values are based on 6500K CCT

** See Configuration examples on page 5

ORDERING CODE

TLS	LS Product	AS Engine	Size	Nº panels horizontal				Nº panels vertical				Application	Mounting
TLS	LumiSky LS	Astra AS	2'x2' 2x2 2'x4' 2x4	1	1H	6	6H	1	1V	6	6V	Ceiling CL	Suspended Threaded Rods SPT
				2	2H	7	7H	2	2V	7	7V		
				3	3H	8	8H	3	3V	8	8V		Suspended Aircraft cables SPA
				4	4H	9	9H	4	4V	9	9V	Wall WL	Wall semi-recessed WL
				5	5H	10	10H	5	5V	10	10V		
				Custom CS				Custom CS					

Frame color	CCT	Output*	Control	Glass	Category	Option
Black BL	2200K 22K	Premium (909 lm/sqf)* P	0-10V O/10	Transluscent TR	Nature NA	A A
White WH	2700K 27K	Standard (494 lm/sqf)* P	RF Remote RM	Printed PR	Space SC	B B
Silver NS	3000K 30K		Dali DA		Landscape LD	C C
RAL RAL	3500K 35K		No dimming ND		Ocean OC	
	4000K 40K				Custom Design CD	
	5600K 56K					
	6500K 65K					

* Lm/sqf are calculated at LED source

* See page 09

LIGHTING PERFORMANCE*

	Output	Grid Configuration (2'x4' panel)**					
		1 x 1	2 x 1	2 x 2	2 x 3	3 x 3	5 x 10
Power consumption (Watts)	Premium	77W	154W	308W	462W	693W	3850W
Delivered output (Lumens)		6206 lm	12412 lm	24825 lm	37237 lm	55856 lm	310310 lm
Power consumption (Watts)	Standard	35W	70W	140W	210W	315W	1750W
Delivered output (Lumens)		2449 lm	4898 lm	9796 lm	14694 lm	22041 lm	122450 lm

* Power Consumption and Delivered output values are based on 6500K CCT

** See Configuration examples on page 6

TECHNICAL SPECIFICATIONS

■ Diffuser

Glass	
Material	Glass
Fire classification	NFPA-701, B1, EN 13501-1, B-s1, d0
Transmission rate	62%

■ Frame color

Material	Aluminum			
Standard colors	Black	White	Silver	RAL
				

Note: Custom colors are available for LumiCloud Bespoke model

■ Lighting

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

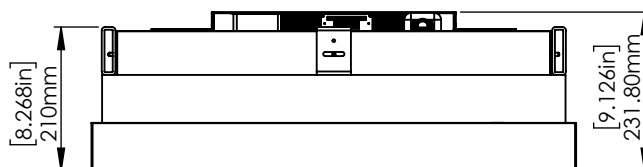
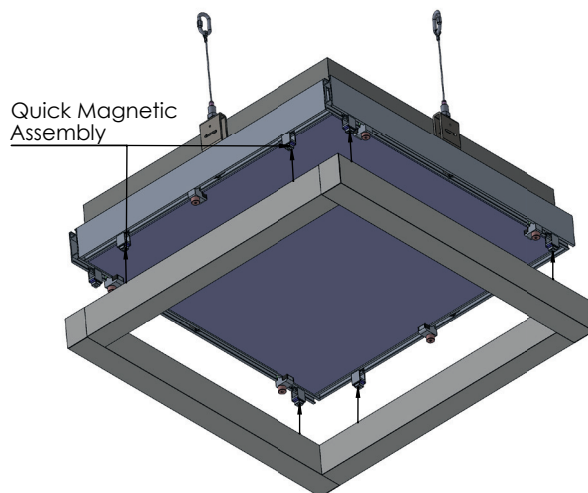
Note: *LM80 Test is only applicable to white pixels.

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

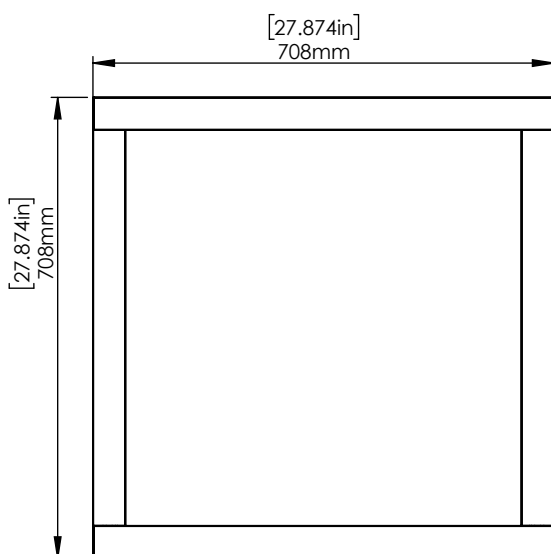
* See warranty terms and conditions at www.tls-led.com/warranty

STRUCTURE

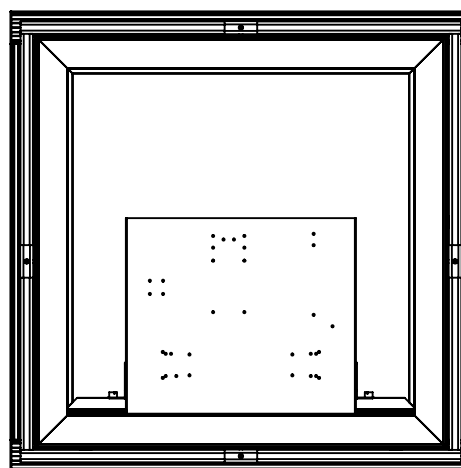
■ Size 2' x 2'



SIDE VIEW



FRONT VIEW



BACK VIEW

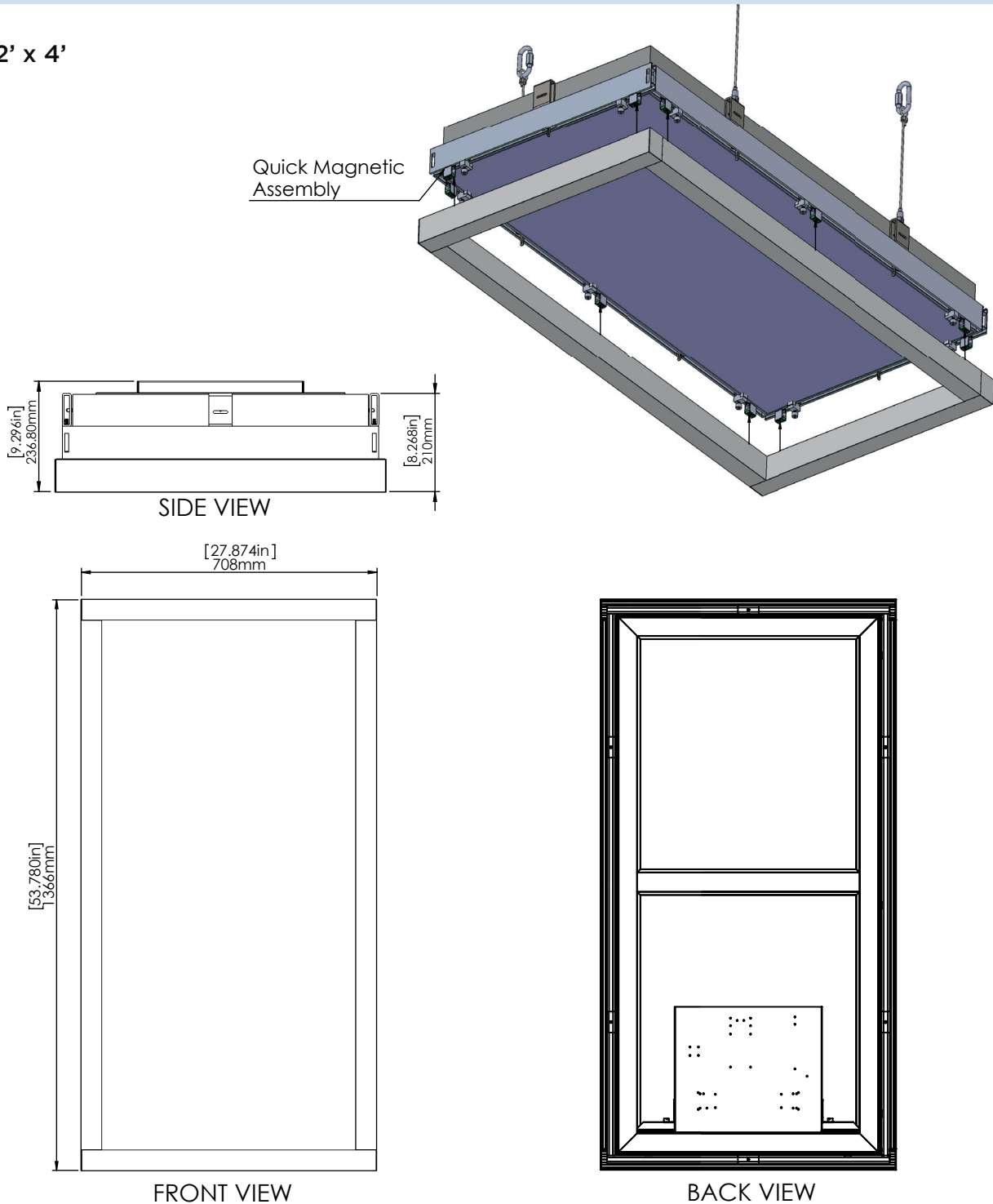
■ Weight Standard

Size	2'x2'
Kg	15.00
Lbs	33.06

Variations may occur but should not exceed indicated values.

STRUCTURE

■ Size 2' x 4'



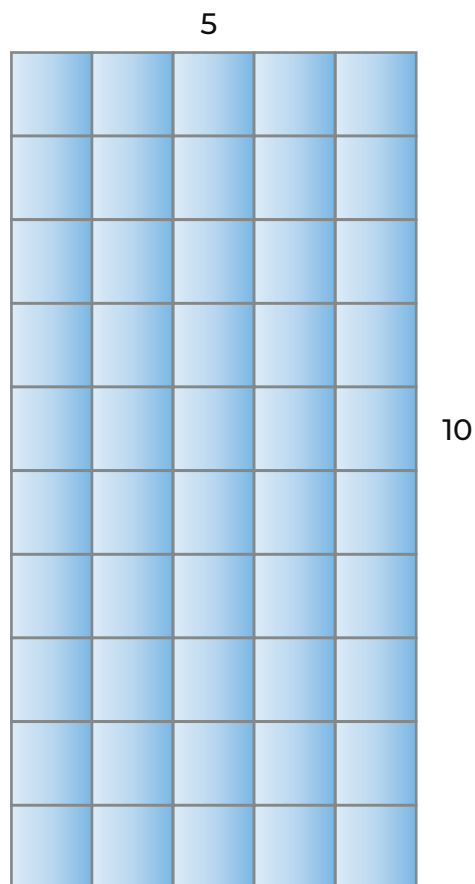
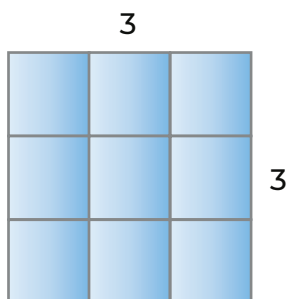
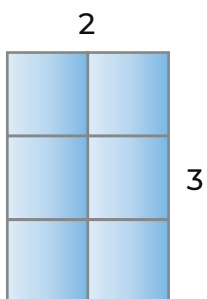
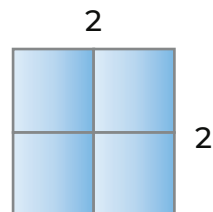
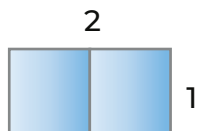
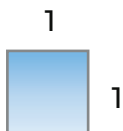
■ Weight Standard

Size	2'x4'
Kg	30.00
Lbs	66.12

Variations may occur but should not exceed indicated values.

CONFIGURATIONS

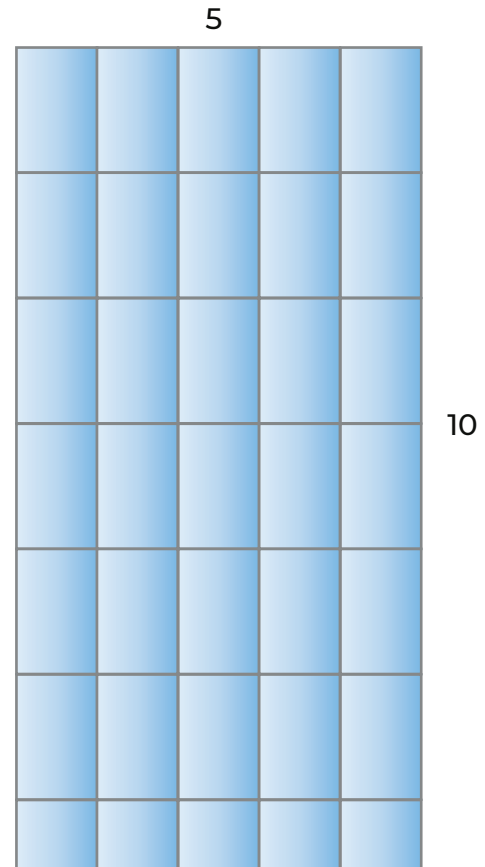
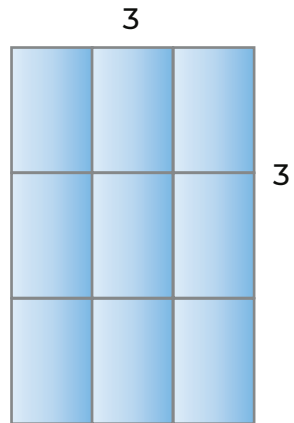
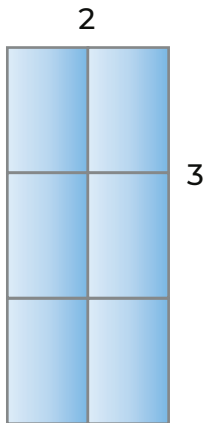
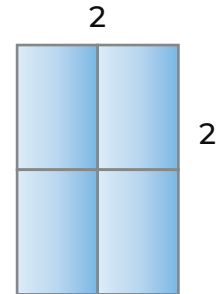
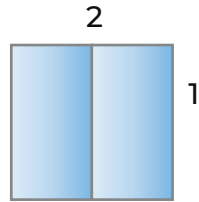
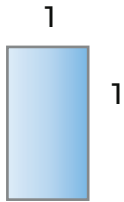
■ Size 2' x 2'



Custom configurations are also available upon request.

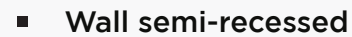
CONFIGURATIONS

■ Size 2' x 4'



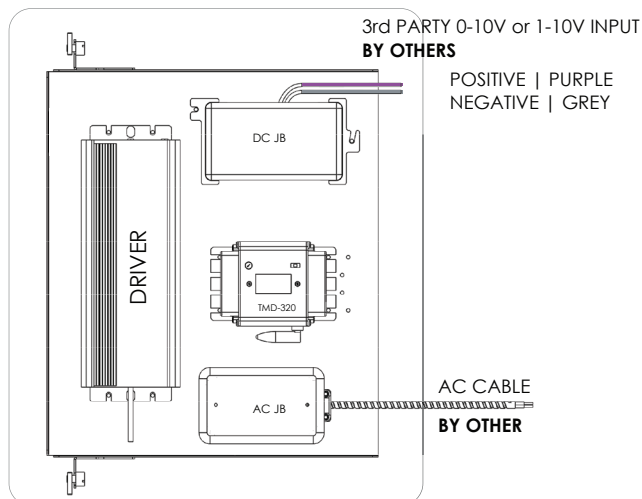
Custom configurations are also available upon request.

- **Suspended with Aircraft Cables**

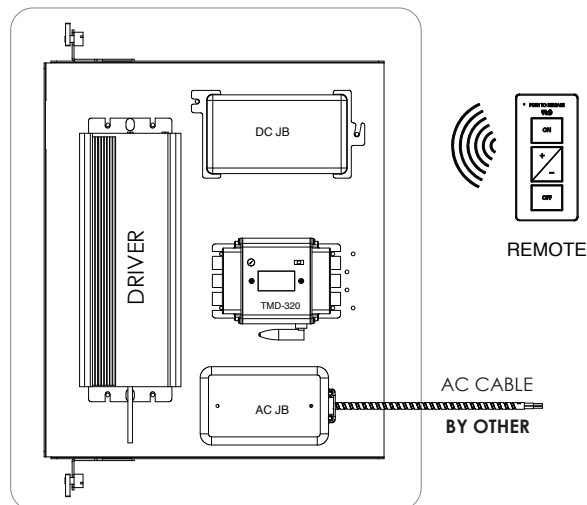


CONTROL

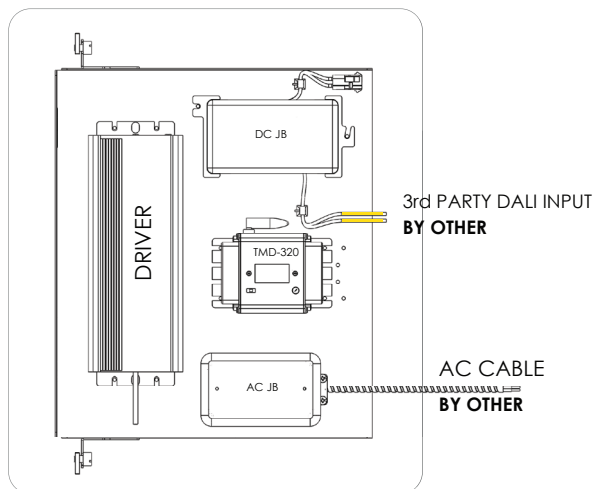
■ 0-10V (0/10)



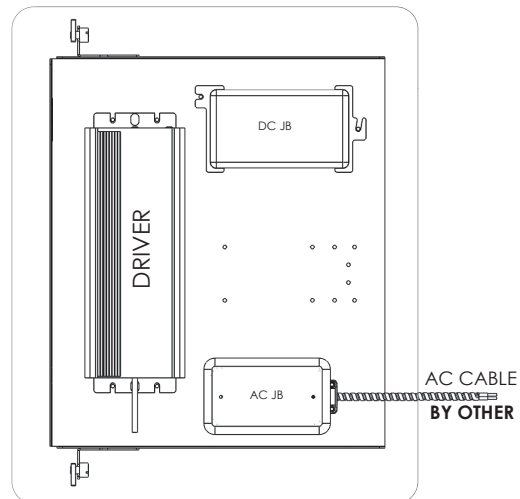
■ RF Remote (RM)



■ Dali (DA)



■ No dimming (ND)



■ 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

PRINT CATEGORY

2' x 2'

■ Nature



Example for popular configuration



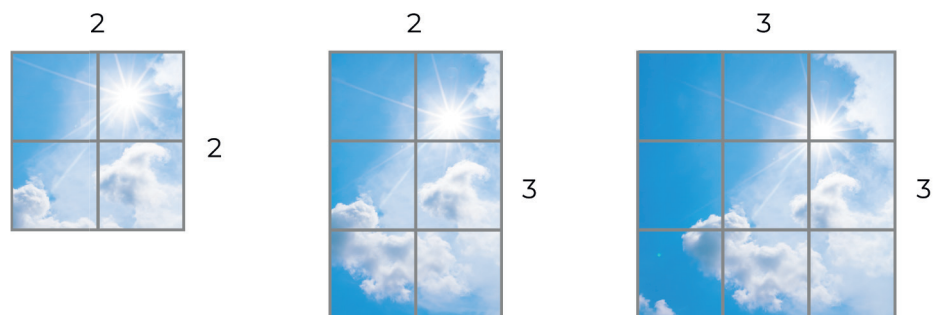
Options



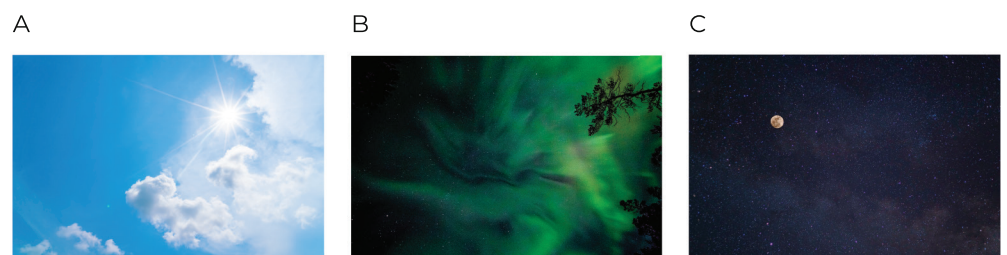
■ Space



Example for popular configuration



Options

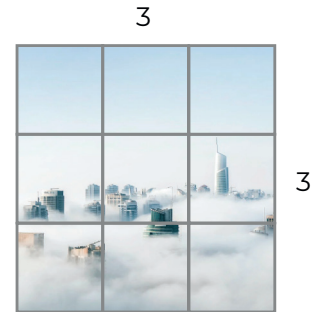


PRINT CATEGORY

2' x 2'

■ Landscape

Example for popular configuration

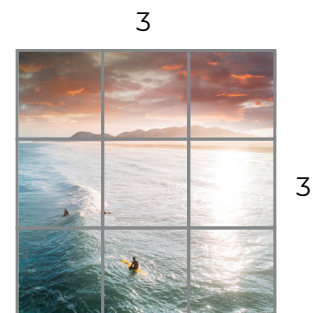
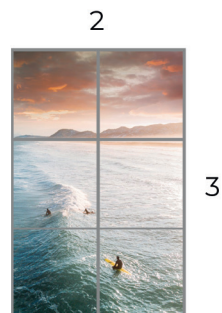
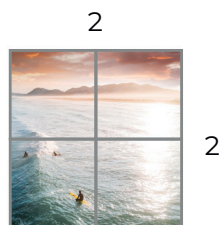


Options

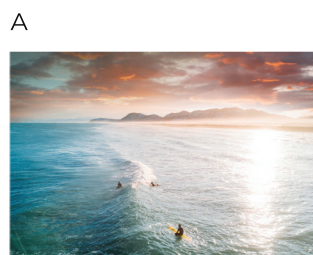


■ Ocean

Example for popular configuration



Options



PRINT CATEGORY

2' x 4'

■ Nature

Example for popular configuration



Options

A



B

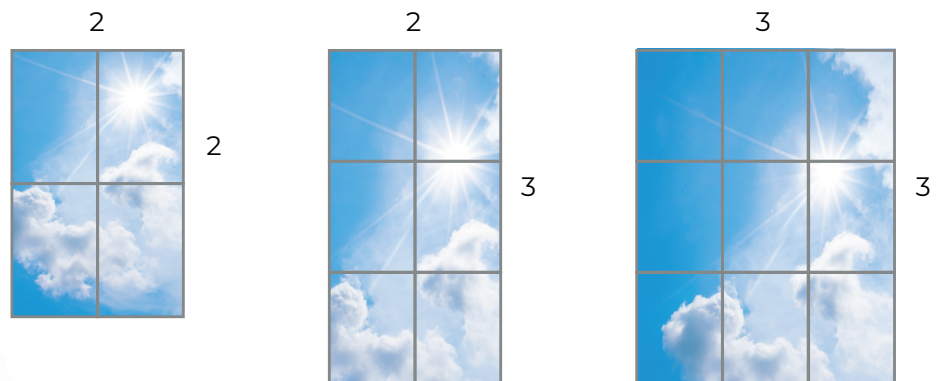


C



■ Space

Example for popular configuration

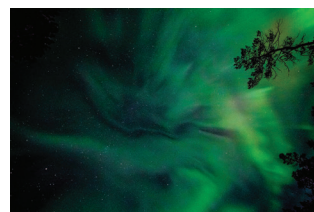


Options

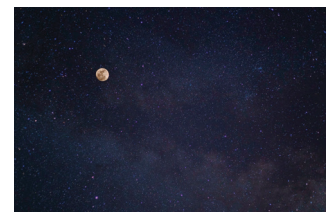
A



B



C



PRINT CATEGORY

2' x 4'

■ Landscape



Example for popular configuration



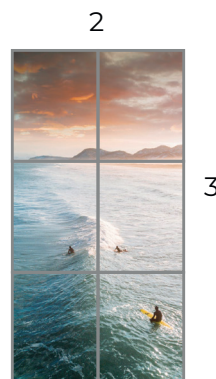
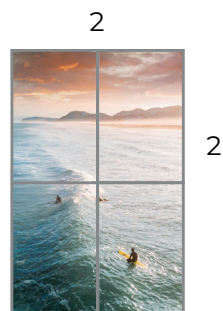
Options



■ Ocean



Example for popular configuration



Options

