

# LOFT

**ARON™**  
Light Delivered™



Project: \_\_\_\_\_

Type: \_\_\_\_\_

Notes: \_\_\_\_\_

**LOFT** | LOFT is an innovative edge lit architectural luminaire that drops directly into a 9/16 or 15/16 T Grid ceiling. The appearance of the fixture's angles create a dynamic ceiling environment which enhances the aesthetic appearance of the space. LOFT comes in a 2x2, 2x4 and 1x4 configuration.



## Ordering Guide

LFT											
ARON ID		CEILING TYPE		CEILING PANEL TYPE		CUSTOM ACOUSTIC TILE TYPE		FIXTURE SIZE		LUMENS/FT/SIDE	
LFT	Loft Fixture	TG	T-Grid Ceiling with Panels	ST	Standard Tile (not included)	NA	If no tile is being provided	22FA	2' x 2'	250	250 lm/ft
		DW	Drywall Ceiling	CAT	Custom Acoustical Tile (by FACT Design)	####	See page 3 to specify tile code	24FA	2' x 4'	500	500 lm/ft
								14FA	1' x 4'	750	750 lm/ft
								44FA	4' x 4'	1000	1000 lm/ft
										1250	1250 lm/ft
									1500	1500 lm/ft	
										*Consult Factory for Other Lumen Packages *Wattage Calculated w/ CCT of 35K8	

LIGHT ENGINE LAYOUT		COLOR/CRI		VOLTAGE		DRIVER		ACCESSORIES		FINISH/COLOR	
B1	1 Light Engine	27K8	2700K - 80CRI	UNV 347 POE	120-277V	DM BT EDL	0-10V (1% Dimming)	E10W CCEA	10W EM	W BLK C	White
B2	2 Light Engine	27K9	2700K - 90CRI		347V		Bluetooth		Chicago Plenum		Black
		30K8	3000K - 80CRI		Low Voltage POE		0.1% Dimming				Custom
		30K9	3000K - 90CRI								
		35K8	3500K - 80CRI								
		35K9	3500K - 90CRI								
		40K8	4000K - 80CRI								
		40K9	4000K - 90CRI								
		50K8	5000K - 80CRI								
		50K9	5000K - 90CRI								
		TW	Tunable White (2700K-5000K)								
						**See Page 5 for Bluetooth Information. Consult Factory				**Contact factory for custom colors	

ARON Lighting reserves the right to make any design changes for continuous improvement which will not affect the overall appearance, performance or pricing.

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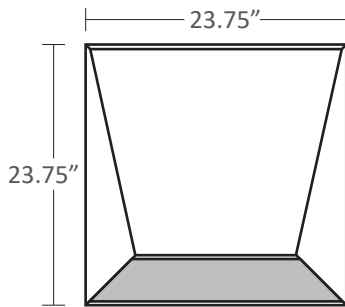
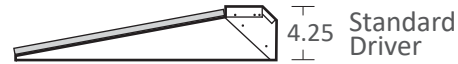
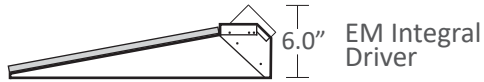
9/17/2024

Designed and Manufactured in the USA

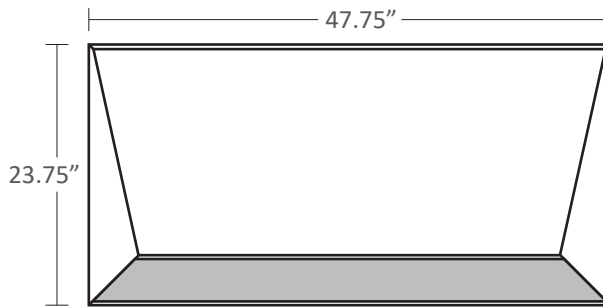
2022 ARON Lighting  
aronlighting.com  
484.681.5687

**ARON**

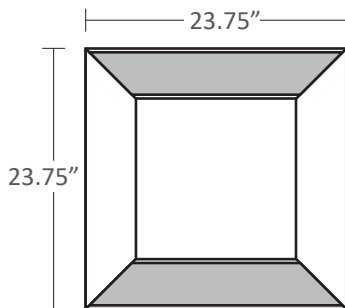
## Application Sizes and Dimensions



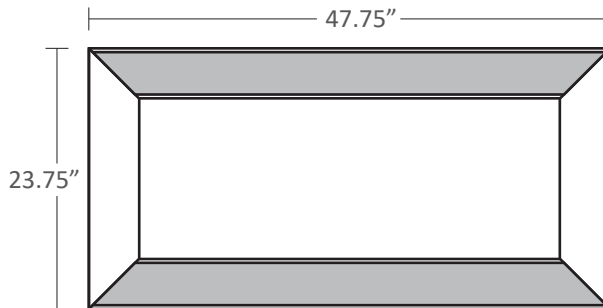
2'x2' B1-Single Light Engine



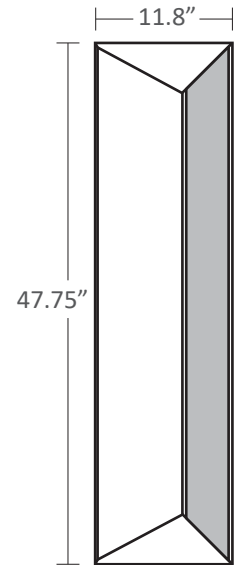
2'x4' B1-Single Light Engine



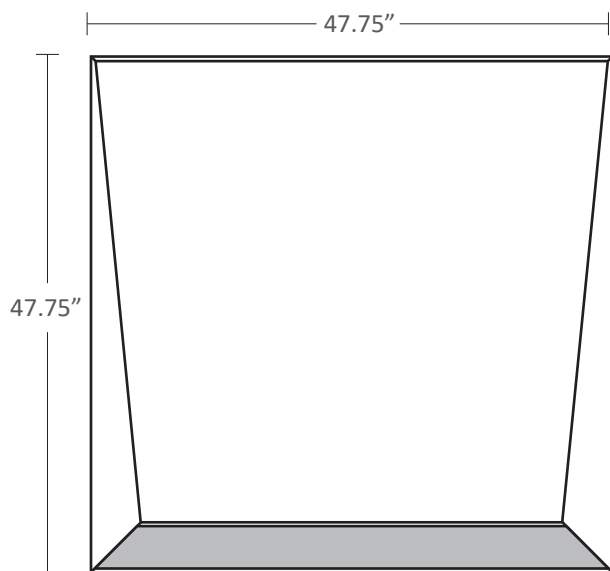
2'x2' B2-Double Light Engine



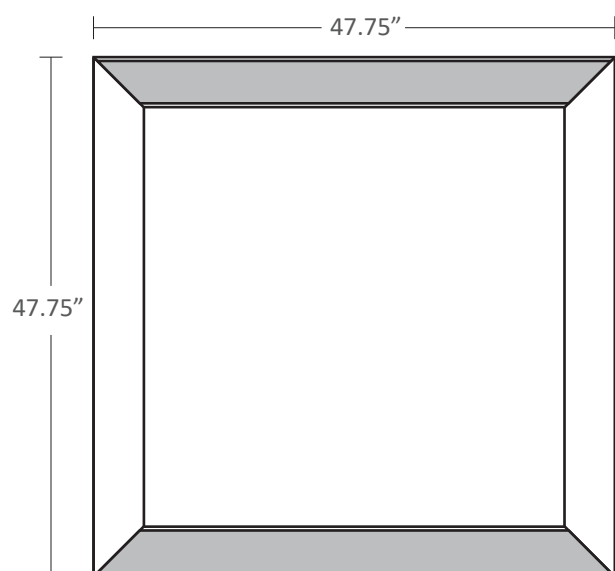
2'x4' B2-Double Light Engine



1'x4' B1-Single Light Engine



4'x4' B1-Single Light Engine



4'x4' B2-Double Light Engine

## Specifications

### Electrical

- Integral class 2 driver with universal 120-277 input.
- 0-10V dimming (1%) standard
- Optional Integral battery pack
- Optional remote EM battery pack
- L90: 90,000 Hours
- L70: 185,000 Hours
- Various Control and Driver Options
- \*Contact factory

### Construction

- Main Light Engine Housing: Extruded Aluminum, Powder Coated
- Fixture Housing: 18 Gauge Sheet Metal, Powder Coated
- Light Guide: 4mm Custom Acrylic Light Guide
- Lenses: 1) Extruded Volumetric Diffusion Optic  
2) Extruded 20 Degree Angled Optic
- Driver Housing: 18 Gauge Sheet Metal

### Optical

- Symmetric Lambertian Distribution (B2)
- Asymmetric 20 Degree Distribution (B1)
- Minimum 80 or 90 CRI
- 2700K, 3000K, 3500K, 4000K, 5000K
- $\leq 3$  SDCM

### Mounting

- Fixture arrives fully assembled
- Lays into a 2x2 and 2x4 T-Grid suspended ceiling system.
- Compatible with either 9/16 or 15/16 T Grid.
- Flange kit provided for drywall ceilings.

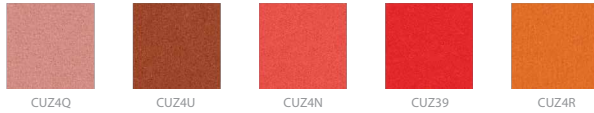


## Acoustic Tile Colors

### camira

Blazer, Blazer Lite  
www.camirafabrics.com

Popular  
Colors



### kvadrat

Divina 3, Divina MD, Divina Melange 3  
www.kvadrat.dk/en

Popular  
Colors



## FACT

### Additional Accent Color Options

The following collections from Kvadrat can be used in addition to our standard colors to add accents to your design. Contact us at [samples@fact.design](mailto:samples@fact.design) and we will have the samples sent to you. There is a 20 tile min. per color for this option

For other tile and pattern options, visit  
[www.fact.design](http://www.fact.design)

## Commonly Paired FACT Tile Designs

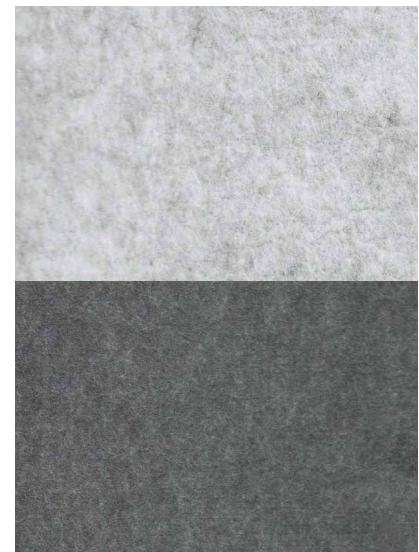


FACT Calm Collection - Branches



FACT Wink 3-Dimensional Tile

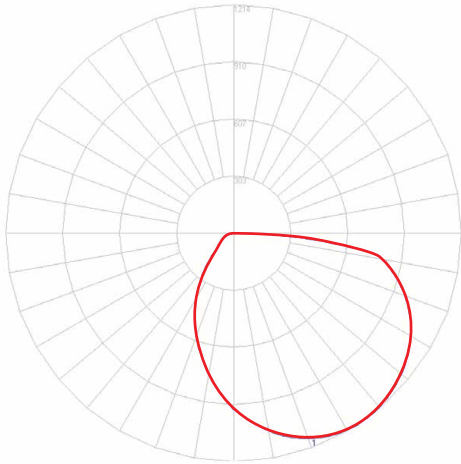
Standard colors shown below



Closeup to show texture

## Model Tested: LFT-TG-ST-NA-22FA-1500-B1-35K8-UNV-DM-W

Photometric Curve



Size: 2x2

Lumens/ft: 1530

Total Lumens: 3060

Input Watts: 27 W

Efficacy: 113 lm/W

Zonal Lumen Summary

Zone	Lumens	% of Total	Zone	Lumens
0-20	342.9	11.2	0-10	88.8
0-30	728.6	23.8	10-20	254.2
0-40	1196.5	39.1	20-30	385.7
0-60	2168.3	70.9	30-40	467.9
0-80	2921.1	95.5	40-50	494.7
0-90	3059.9	100.0	50-60	477.1
10-90	2971.1	97.1	60-70	423.4
20-40	853.6	27.9	70-80	329.3
20-50	1348.3	44.1	80-90	138.8
40-70	1395.2	45.6	90-100	0.0
60-80	752.8	24.6	100-110	0.0
70-80	329.3	10.8	110-120	0.0
80-90	138.8	4.5	120-130	0.0
90-110	0.0	0.0	130-140	0.0
90-120	0.0	0.0	140-150	0.0
90-130	0.0	0.0	150-160	0.0
90-150	0.0	0.0	160-170	0.0
90-180	0.0	0.0	170-180	0.0
110-180	0.0	0.0		
Total	3059.88 lm	100%		

Luminance Data (Cd./Sq.M)

Average in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4624	3941	2384
55	5418	4403	2256
65	6738	5015	2121
75	9484	6175	1945
85	14677	7425	1359

Wattage/ft

Lumens/ft	Watts/ft
250	2.21W
500	4.42W
750	6.63W
1000	8.84W
1250	11.06W
1500	13.27W