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.

UL LISTED · Bluetooth · PoE Enabled · CCEA Approved · BABA COMPLIANT Build America. Buy America Act

Ordering Guide

LFT													
ARON ID		CEILING TYPE		CEILING PANEL TYPE		CUSTOM ACOUSTIC TILE TYPE		FIXTURE FRAME TYPE		ACOUSTICAL FRAME COLOR		FIXTURE SIZE	
LFT	Loft Fixture	TG	T-Grid Ceiling with Panels	ST	Standard Tile (not included)	NA	If no tile is being provided	SM	Sheet metal frame	NA	No acoustical frame	22FA	2' x 2'
		DW	Drywall Ceiling	CAT	Custom Acoustical Tile (by FACT Design)	####	See page 4 to specify tile code	ACOU	Acoustical frame*	####	See page 4 to specify frame color	24FA	2' x 4'
												42FA	4' x 2'
												14FA	1' x 4'
												44FA	4' x 4'
								*Acoustical frame only avaliable with 2x2 or 2x4 B1 lensing option					

LUMENS/FT/SIDE		LIGHT ENGINE LAYOUT		COLOR/CRI		VOLTAGE		DRIVER		ACCESSORIES		FINISH/COLOR	
250	250 lm/ft	B1	1 Light Engine	27K8	2700K - 80CRI	UNV	120-277V	DM	0-10V (1% Dimming)	E10W	10W EM	W	White
500	500 lm/ft	B2	2 Light Engine	27K9	2700K - 90CRI	347	347V	BT	Bluetooth	CCEA	Chicago Plenum	BLK	Black
750	750 lm/ft			30K8	3000K - 80CRI	POE	Low Voltage POE	EDL	0.1% Dimming	AWNR	Athena Wireless Node RF only	C	Custom
1000	1000 lm/ft			30K9	3000K - 90CRI					AWNS	Athena Wireless Node with sensor		
1250	1250 lm/ft			35K8	3500K - 80CRI								
1500	1500 lm/ft			35K9	3500K - 90CRI								
				40K8	4000K - 80CRI								
				40K9	4000K - 90CRI								
				50K8	5000K - 80CRI								
				50K9	5000K - 90CRI								
				TW	Tunable White (2700K-5000K)								
*Consult Factory for Other Lumen Packages *Wattage Calculated w/ CCT of 35K8								**See Page 5 for Bluetooth Information. Consult Factory				**Contact factory for custom colors	

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ARON

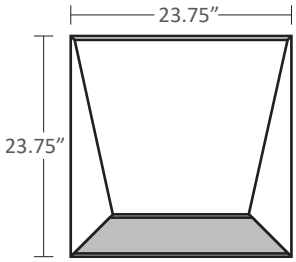
Application Sizes and Dimensions



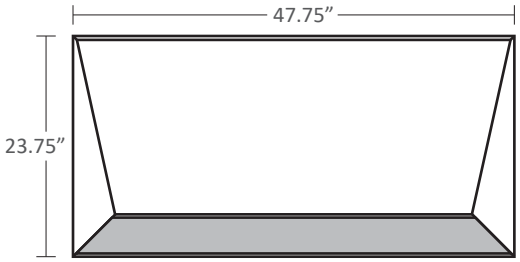
EM Integral Driver



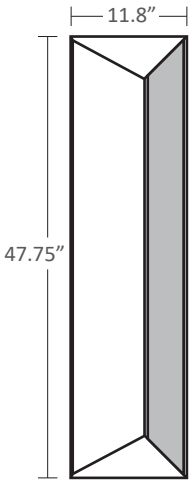
Standard Driver



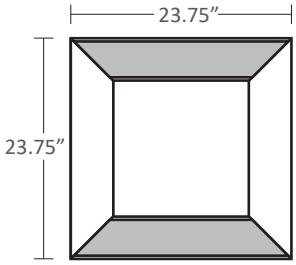
2’x2’ B1-Single Light Engine



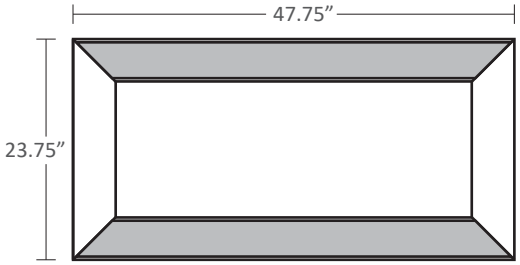
2’x4’ B1-Single Light Engine



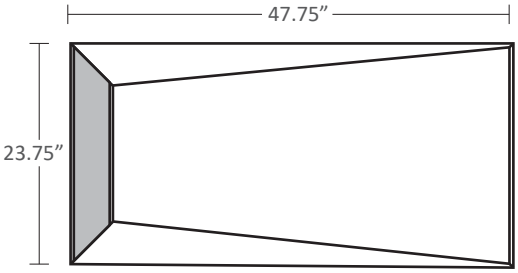
1’x4’ B1-Single Light Engine



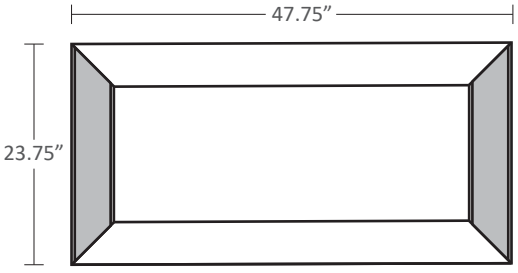
2’x2’ B2-Double Light Engine



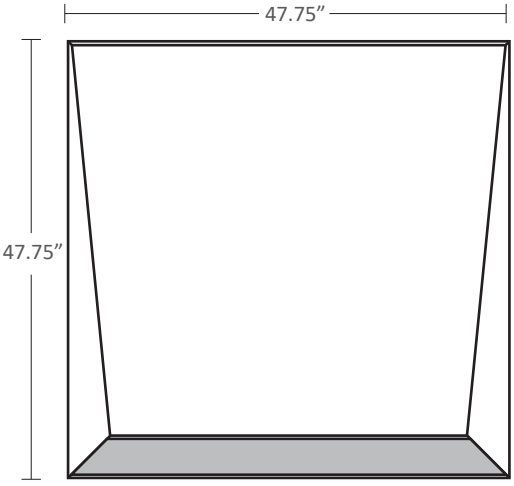
2’x4’ B2-Double Light Engine



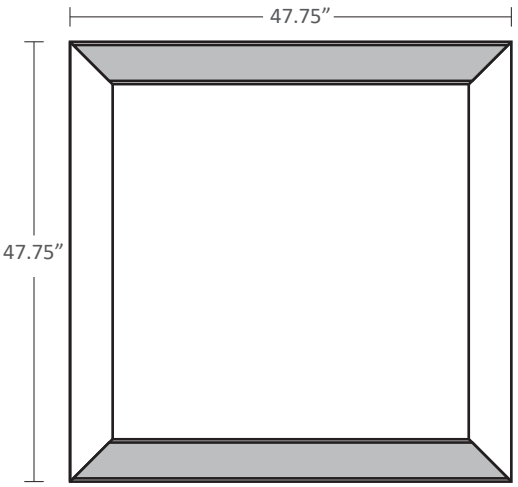
4’x2’ B1-Single Light Engine



4’x2’ B2-Double Light Engine



4’x4’ B1-Single Light Engine



4’x4’ B2-Double Light Engine

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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

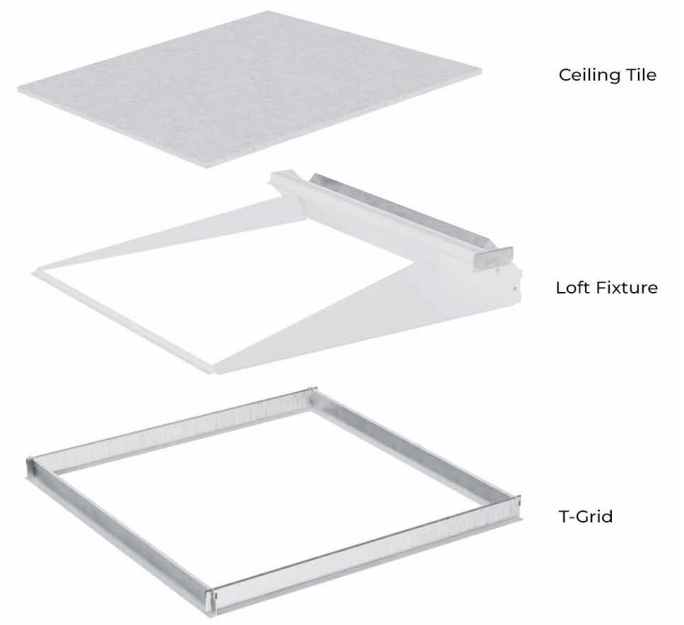
- Main Light Engine Housing: Extruded Aluminum, Powder Coated
- Fixture Housing: 18 Gauge Sheet Metal, Powder Coated
- Light Guide: 4mm Custom Acrylic Light Guide
- Lenses: 1) Extruded Volumetric Diffusion Optic
  2) Extruded 20 Degree Angled Optic
- Driver Housing: 18 Gauge Sheet Metal

Optical

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

Mounting

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



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Acoustic Tile and Frame Colors



Popular Colors



FACT

Additional Accent Color Options

The following collections from Camira can be used in addition to the standard colors below to add accents to your design. Visit www.camirafabrics.com to see their full list of colors. Contact *samples@fact.design* and we will have the samples sent to you.

For other tile and pattern options, visit **www.fact.design**

Commonly Paired FACT Tile Designs

Standard colors shown below

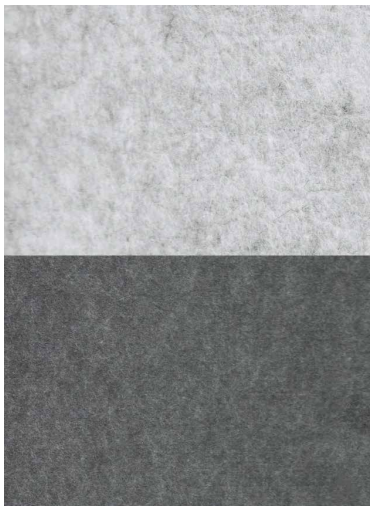




FACT Calm Collection - Branches



FACT Wink 3-Dimensional Tile



Closeup to show texture



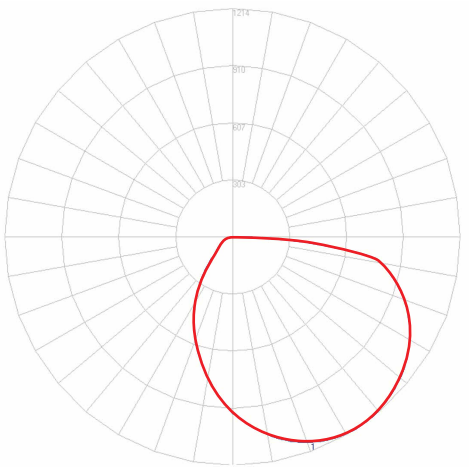
Loft with acoustic frame in blue

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LOFT

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

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