

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

| LIGHT ENGINE LAYOUT |                | COLOR/CRI   |                             | VOLTAGE    |                 | DRIVER  |                    | ACCESSORIES |                | FINISH/COLOR                        |        |
|---------------------|----------------|-------------|-----------------------------|------------|-----------------|---|--------------------|-------------|----------------|-------------------------------------|--------|
| <b>B1</b>           | 1 Light Engine | <b>27K8</b> | 2700K - 80CRI               | <b>UNV</b> | 120-277V        | <b>DM</b>   | 0-10V (1% Dimming) | <b>E10W</b> | 10W EM         | <b>W</b>                            | White  |
| <b>B2</b>           | 2 Light Engine | <b>27K9</b> | 2700K - 90CRI               | <b>347</b> | 347V            | <b>BT</b>   | Bluetooth          | <b>CCEA</b> | Chicago Plenum | <b>BLK</b>                          | Black  |
|                     |                | <b>30K8</b> | 3000K - 80CRI               | <b>POE</b> | Low Voltage POE | <b>EDL</b>  | 0.1% Dimming       |             |                | <b>C</b>                            | Custom |
|                     |                | <b>30K9</b> | 3000K - 90CRI               |            |                 |   |                    |             |                |                                     |        |
|                     |                | <b>35K8</b> | 3500K - 80CRI               |            |                 |   |                    |             |                |                                     |        |
|                     |                | <b>35K9</b> | 3500K - 90CRI               |            |                 |   |                    |             |                |                                     |        |
|                     |                | <b>40K8</b> | 4000K - 80CRI               |            |                 |   |                    |             |                |                                     |        |
|                     |                | <b>40K9</b> | 4000K - 90CRI               |            |                 |   |                    |             |                |                                     |        |
|                     |                | <b>50K8</b> | 5000K - 80CRI               |            |                 |   |                    |             |                |                                     |        |
|                     |                | <b>50K9</b> | 5000K - 90CRI               |            |                 |   |                    |             |                |                                     |        |
|                     |                | <b>TW</b>   | 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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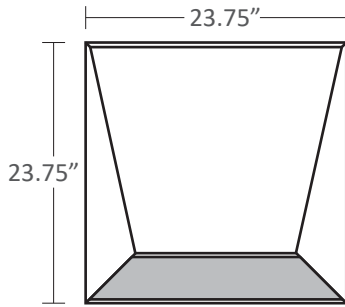
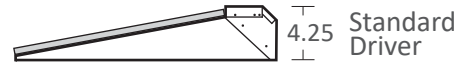
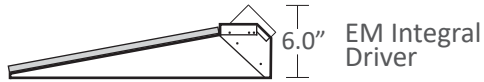
1/8/2025

Designed and Manufactured in the USA

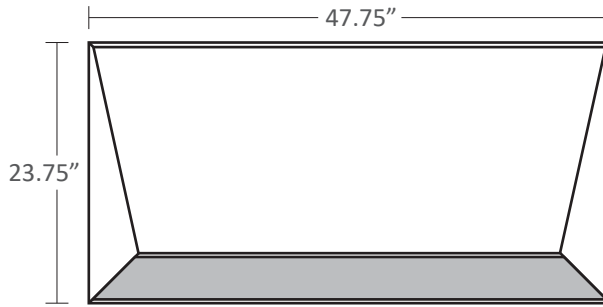
2022 ARON Lighting  
aronlighting.com  
484.681.5687

**ARON**

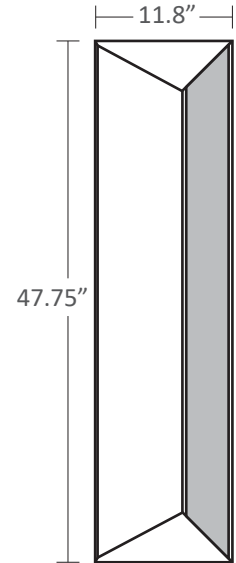
## Application Sizes and Dimensions



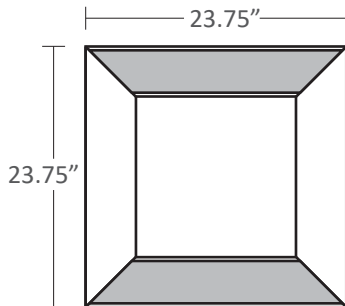
2'x2' B1-Single Light Engine



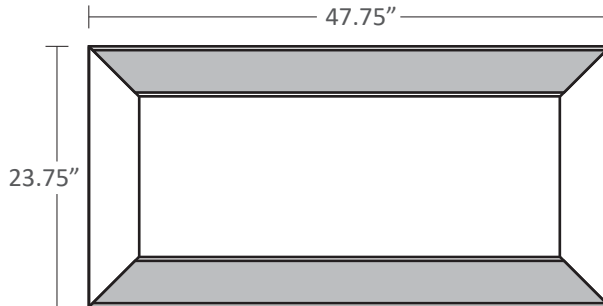
2'x4' B1-Single Light Engine



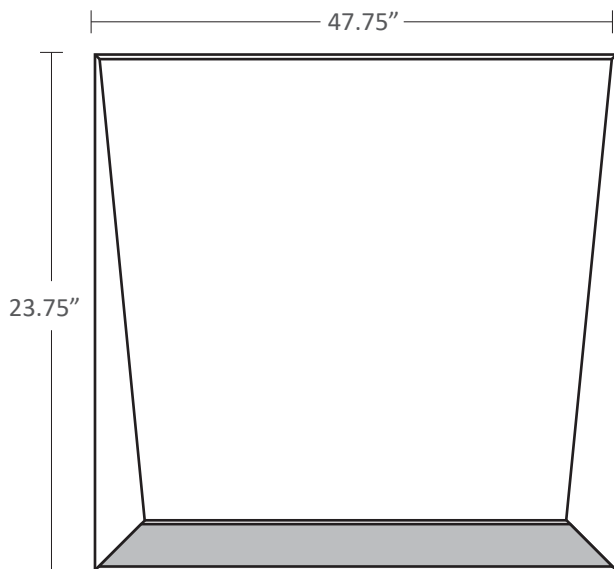
1'x4' B1-Single Light Engine



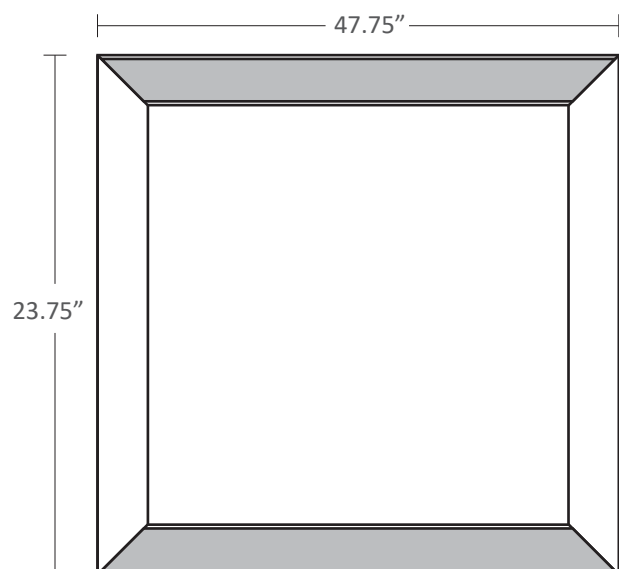
2'x2' B2-Double Light Engine



2'x4' B2-Double 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](http://www.camirafabrics.com)

Popular  
Colors



CUZ4Q



CUZ4U



CUZ4N



CUZ39



CUZ4R



## 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



F:02



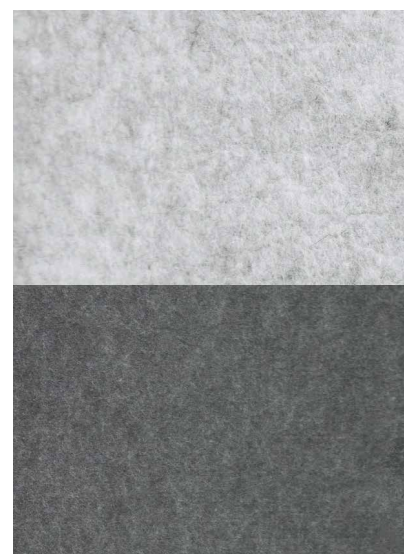
F:03



F:04



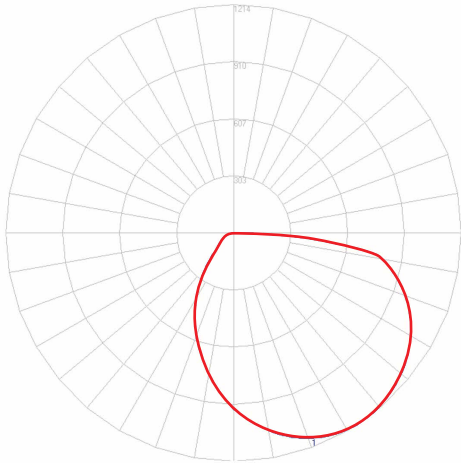
F:05



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   |