# FABRICloud

FABRICloud is a large area acoustic LED luminaire that quite literally brings the feeling of the outdoors to interior spaces with vibrant skyscapes. Capture a piece of the sky with a single luminaire or create an expansive scenic canopy of natural illumination by grouping luminaires together in preset scenes, all without breaking the budget.

Available with four (4) mounting options:
- Suspended
- Surface Mount
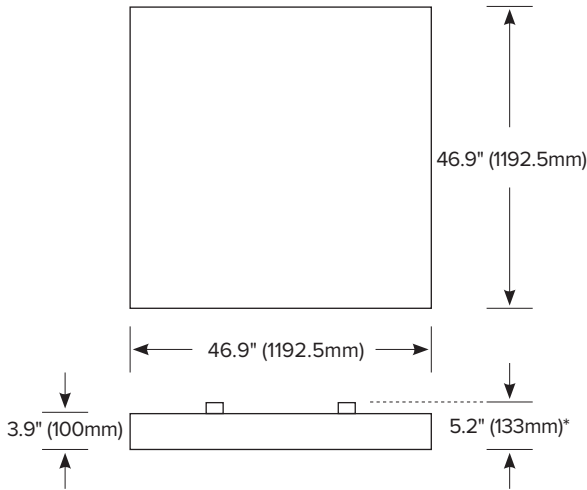- Grid (T-Bar) Lay-in
- Recessed (Drywall/Plaster) - *1x1 only

Select from three (3) natural canopies:
- Sky    - Trees    - Shadows

## PHOTOMETRIC PERFORMANCE

| Light Output | Sky | Trees | Shadows |
|---|---|---|---|
| Luminous Flux (lm) | 1800-5000 | 2000-3900 | 3300-6300 |
| Avg. Luminance (cd/m2) | 55-160 | 60-125 | 100-200 |
| Max. Luminance (cd/m2) | 220-265 | 220-250 | 250-275 |
| Lumen Maintenance (L80) | 75,000hr | | |

*Values shown are a range per individual luminaire*

## ACOUSTIC PERFORMANCE

| | |
|---|---|
| NRC Value* | 0.55-0.95 |
| ISO Classification | Class D |

*Dependent on mounting option*

## DIMMING PERFORMANCE

| | |
|---|---|
| Dimming Protocols | 0/1-10V or DALI* |
| Minimum Dim Level | 5% |

*Available for "CE Compliant" models only*

## ELECTRICAL PERFORMANCE

| | |
|---|---|
| Input Power | 130 W |
| Input Voltage | 120-277VAC |
| Input Frequency | Nom. 50-60 Hz |
| Operating Frequency | 3000 Hz (compliant with IEEE 1789-2015 for flicker free) |
| Start-up Time | 1.25 sec |
| Max. Inrush Current | 60 A |
| Rated Lifetime | 200,000 hr |

## GENERAL

| | |
|---|---|
| Location | Indoor, dry location only |
| Operating Temperature | 0 – 40°C (32 – 104°F) |
| Storage Temperature | -40 – 85°C (-40 – 185°F) |
| Relative Humidity | 90% max (non-condensing) |
| Diffuser Material | Woven Polyester Fabric (coated) |
| Frame Material | Aluminum |
| Fire Rating | ASTM E 84 Class A EN:13501-1 Class B s1d0 |
| Weight (single luminaire) | 14 kg (31 lb) |

## MOUNTING DETAILS

- **Grid (T-Bar) – Metric:** no additional mounting kit is required. For use with 24mm T-bar.
- **Grid (T-Bar) – Imperial:** an additional kit (LACC-GR-xx-K) is required that enables the luminaire to be mounted as a lay-in into a standard imperial T-bar ceiling. For use with 15/16" T-bar.
- **Surface Mount:** no additional mounting kit is required.
- **Recessed (Drywall/Plaster):** an additional kit (LACC-RC-K) is required to provide a trim for mounting within drywall or plaster ceilings. Available in 1x1 configuration only.
- **Suspended:** an additional kit (LACC-SP-xx-K) is required to provide mounting hardware for cable attachment to the luminaire. This kit also includes clips to secure luminaires to each other when grouped to form larger luminous ceiling elements.

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LumiScapes
by COOLEDGE™

## DIMENSIONS

*Dimensions are for a single luminaire = "1x1" configuration*

46.9" (1192.5mm)

46.9" (1192.5mm)

3.9" (100mm)

5.2" (133mm)*

*\*Surface Mount will have an opening of 1.3" (33mm) between the frame and the ceiling*



Power & Control tray
(may be removed and mounted to ceiling)
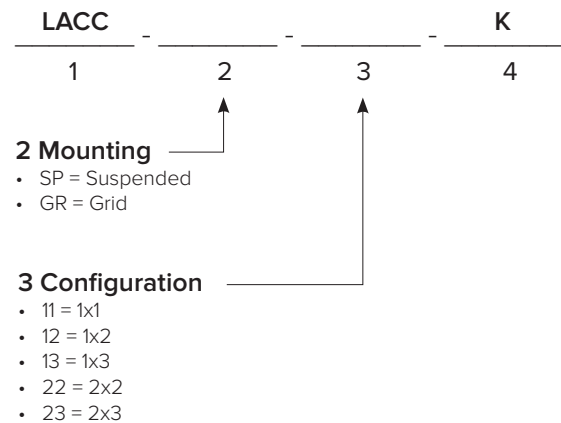
Suspended Mounting Option (LACC-SP-K)

## HOW TO ORDER

### Luminaire

LCL - _____ - _____ - _____ - _____

1    2    3    4    5

**2 Scene**
- TR = Trees
- SK = Sky
- SH = Shadows

**3 Configuration**
- 11 = 1x1
- 12 = 1x2
- 13 = 1x3
- 22 = 2x2
- 23 = 2x3

**4 Finish Color**
- B = Black
- W = White

**5 Dimming**
- 010 = 0-10V
- DAL = DALI

### Mounting Kit

- Grid (T-bar) - Metric: not required
- Surface Mount: not required
- Recessed (Drywall/Plaster): LACC-RC-K
- Suspended & Grid (see below)

LACC - _____ - _____ - K

1    2    3    4

**2 Mounting**
- SP = Suspended
- GR = Grid

**3 Configuration**
- 11 = 1x1
- 12 = 1x2
- 13 = 1x3
- 22 = 2x2
- 23 = 2x3

Example 1:
Metric T-Bar Lay-in, Trees, 2x2, White Finish, DALI
Order Code = LCL-TR-22-W-DAL

Example 2:
Imperial T-Bar Lay-in, Sky, 1x3, White Finish, 0-10V Dimming
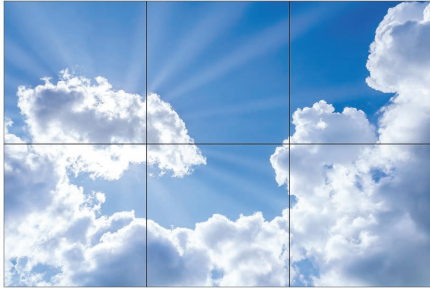Order Code = LCL-SK-13-W-010 plus LACC-GR-13-K

Example 3:
Suspended, Shadows, 2x3, Black Finish, 0-10V Dimming
Order Code = LCL-SH-23-B-010 plus LACC-SP-23-K
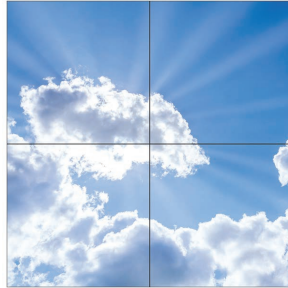
## CERTIFICATION

c UL us LISTED     CE     RoHS compliant

# FABRICloud

## SCENES

### Sky



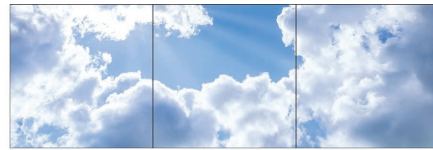**2x3:** LCL-SK-23-_-____
Light Output: 20,430 lm



**2x2:** LCL-SK-22-_-____
Light Output: 13,870 lm



**1x2:** LCL-SK-12-_-____
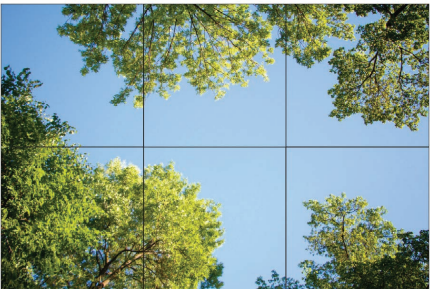Light Output: 8,930 lm



**1x1:** LCL-SK-11-_-____
Light Output: 3,140 lm



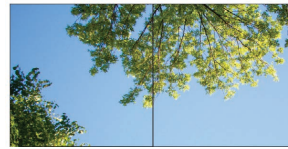**1x3:** LCL-SK-13-_-____
Light Output: 12,950 lm

### Trees



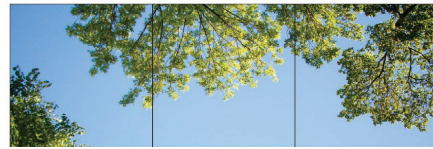**2x3:** LCL-TR-23-_-____
Light Output: 17,460 lm



**2x2:** LCL-TR-22-_-____
Light Output: 11,830 lm



**1x2:** LCL-TR-12-_-____
Light Output: 5,980 lm



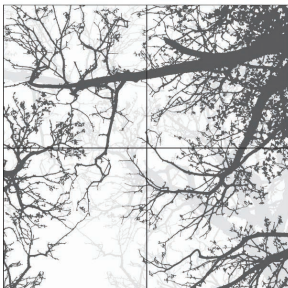**1x1:** LCL-TR-11-_-____
Light Output: 2,510 lm



**1x3:** LCL-TR-13-_-____
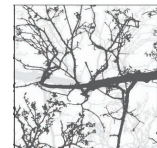Light Output: 8,600 lm

### Shadows
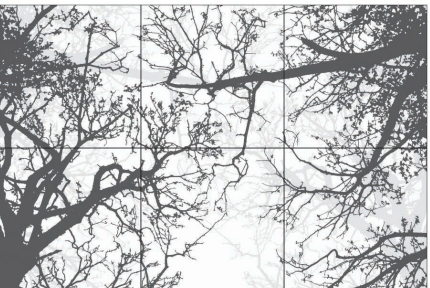


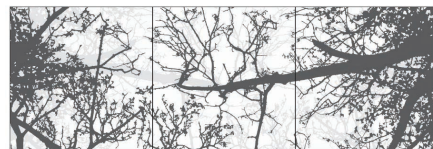**2x3:** LCL-SH-23-_-____
Light Output: 27,740 lm



**2x2:** LCL-SH-22-_-____
Light Output: 19,970 lm



**1x2:** LCL-SH-12-_-____
Light Output: 8,750 lm



**1x1:** LCL-SH-11-_-____
Light Output: 5,480 lm



**1x3:** LCL-SH-13-_-____
Light Output: 12,670 lm