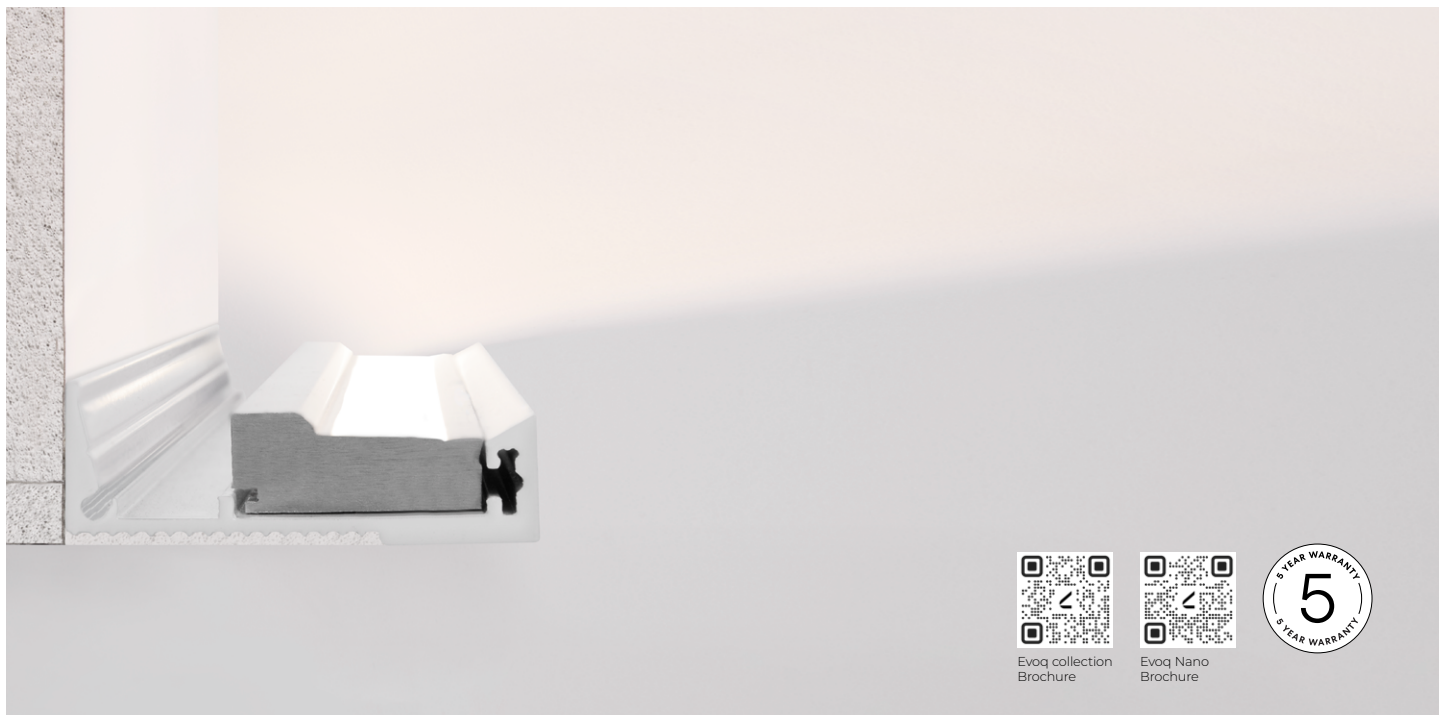


# EVOQ NANO

COVE LIGHTING



Fixture only



Fixture with ramp

Evoq Nano is an ultra-compact luminaire designed for shallow coves and other discreet architectural applications, including undercabinet lighting, retail millwork and shelving, and integrated architectural details. Available in 6-inch increments and linear or patterned configurations, it offers flexibility for a range of applications.

## PLUG & PLAY DESIGN



Plug  
& Play

## OPTIC



Nano  
Asymmetric  
Optic

## ENDLESS CONFIGURATIONS



Linear  
Run



Pattern  
Straight  
Corners

## MOUNTING OPTIONS



Flat Edge  
Mud-in Ramp



Knife Edge  
Mud-in Ramp



# EVOQ NANO

## COVE LIGHTING



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

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

## Order Guide

A drawing of your pattern is required - anything from a line drawing to an architectural drawing.

### 1 - Fixture

| LUMINAIRE ID                                                                                                                                                                                                                                                                               | OPTIC                                                                                                                                        | LIGHT SOURCE                                                   | CRI                                              | LUMEN PACKAGE                                                                                                                                                                                                                   | COLOR TEMPERATURE                                                                                                                                      | CONFIGURATION <sup>5</sup>                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                            | NAO                                                                                                                                          | SW                                                             |                                                  |                                                                                                                                                                                                                                 |                                                                                                                                                        |                                                                                                                                                                                                             |
| <b>Fixture only <sup>1</sup></b><br><b>EVOQNALLIN</b> - Evoq Nano Linear<br><b>EVOQNALPAT</b> - Evoq Nano Pattern with straight corners<br><sup>1</sup> Fixture only, no ramp is provided. Mounting brackets are provided.<br><sup>2</sup> See Ramp section below to specify ramp options. | <b>Fixture with ramp <sup>2</sup></b><br><b>EVOQNAFLIN</b> - Evoq Nano Linear<br><b>EVOQNAFPAT</b> - Evoq Nano Pattern with straight corners | <b>NAO</b> - Nano Asymmetric Optic<br><b>SW</b> - Static white | <b>80CRI</b> - 80+ CRI<br><b>90CRI</b> - 90+ CRI | <b>150LMF</b> <sup>3</sup> - 150 lm/ft<br><b>250LMF</b> <sup>4</sup> - 250 lm/ft<br><b>350LMF</b> <sup>4</sup> - 350 lm/ft<br><b>500LMF</b> - 500 lm/ft<br><sup>3</sup> Minimum 3' fixture.<br><sup>4</sup> Minimum 2' fixture. | <b>22K</b> - 2200K<br><b>27K</b> - 2700K<br><b>30K</b> - 3000K<br><b>35K</b> - 3500K<br><b>40K</b> - 4000K<br><b>50K</b> - 5000K<br><b>65K</b> - 6500K | Linear<br><b>LIN</b> - Linear<br>Pattern<br><b>SQR</b> - Square<br><b>REC</b> - Rectangle<br><b>LSH</b> - L- shape<br><b>USH</b> - U- shape<br><b>PAT</b> - Pattern<br><sup>5</sup> See page 6 for details. |

| TOTAL LENGTH                                                                                                                                                                                                               | CORNER TYPE <sup>7</sup><br>Specify NA for Linear                                                                                                                                                    | VOLTAGE                                                                                                                                        | REMOTE DRIVER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ELECTRICAL            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
|                                                                                                                                                                                                                            |                                                                                                                                                                                                      |                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>1C</b>             |
| <b>#FT#IN</b> <sup>6</sup> - Specify nominal length (#) in 6" increments<br><sup>6</sup> Fixtures are available in 6" increments, from a minimum of 1' to a maximum of 8'. A combination of different lengths may be used. | <b>LEVIC</b> - Leveled inside corner<br><b>LEVOC</b> - Leveled outside corner<br><b>NA</b> - None<br><sup>7</sup> If more than one option is specified, separate codes with a "+", e.g. LEVIC+LEVOC. | <b>120V</b> - 120V<br><b>277V</b> - 277V<br><b>UNV</b> - 120V-277V<br><b>347V</b> <sup>8</sup> - 347V<br><sup>8</sup> Available with RD1 only. | <b>RD1</b> - 1% 0-10V<br><b>RLDE1</b> <sup>9</sup> - Lutron Hi-lume 1% Eco<br><b>RDA</b> <sup>9</sup> - DALI<br><b>RELD1</b> - eldoLED 1% ECODrive 0-10V<br><b>RELD0</b> - eldoLED 0.1% SOLOdrive 0-10V<br><b>RDMX</b> <sup>9</sup> - DMX<br><b>+#EMB</b> <sup>10,11</sup> - Emergency battery<br><u>Remote driver box options <sup>12</sup></u><br><b>+MRDB</b> <sup>13</sup> - Multiple drivers per remote driver box (up to 4 drivers)<br><sup>9</sup> On-site commissioning is required.<br><sup>10</sup> Specify quantity (#) and add to the driver code, e.g. RD1+1EMB.<br><sup>11</sup> Minimum 4' fixture.<br><sup>12</sup> Linear remote driver boxes (RDBL) provided by factory. 1 driver is included per remote driver box unless +MRDB is specified. See <a href="#">Remote Driver Box Guide</a> for details.<br>• Chicago Plenum remote driver box is also available. Consult factory for details.<br><sup>13</sup> Drivers will be consolidated by factory where possible to reduce the amount of remote driver boxes needed. | <b>1C</b> - 1 circuit |

### 2 - Ramp

Specify only for Evoq Nano fixture with ramp (EVOQNAFLIN / EVOQNAFPAT).

| RAMP LUMINAIRE ID                                                                                                 | CONFIGURATION <sup>14</sup><br>Specify same as Fixture                                                                                                                                                       | TOTAL LENGTH<br>Specify same as Fixture                                                                                                                                                                                      | CORNER TYPE <sup>16</sup><br>Specify same as Fixture                                                                                                                                                  | MOUNTING <sup>17</sup>                                                                                          | MOUNTING FINISH                                                                               |
|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                                                                                                                   |                                                                                                                                                                                                              |                                                                                                                                                                                                                              |                                                                                                                                                                                                       |                                                                                                                 |                                                                                               |
| <b>EVOQNALINRMP</b> - Evoq Nano Linear ramp<br><b>EVOQNAPATRMP</b> - Evoq Nano Pattern with straight corners ramp | Linear<br><b>LIN</b> - Linear<br>Pattern<br><b>SQR</b> - Square<br><b>REC</b> - Rectangle<br><b>LSH</b> - L- shape<br><b>USH</b> - U- shape<br><b>PAT</b> - Pattern<br><sup>14</sup> See page 6 for details. | <b>#FT#IN</b> <sup>15</sup> - Specify nominal length (#) in 6" increments<br><sup>15</sup> Fixtures are available in 6" increments, from a minimum of 1' to a maximum of 8'. A combination of different lengths may be used. | <b>LEVIC</b> - Leveled inside corner<br><b>LEVOC</b> - Leveled outside corner<br><b>NA</b> - None<br><sup>16</sup> If more than one option is specified, separate codes with a "+", e.g. LEVIC+LEVOC. | <u>Mud-in</u><br><b>FE1</b> - Flat edge<br><b>KE1</b> - Knife edge 35°<br><sup>17</sup> See page 5 for details. | <b>UNF</b> - Unfinished<br><b>W</b> - Matte white<br><b>CF#</b> - Custom finish, specify RAL# |

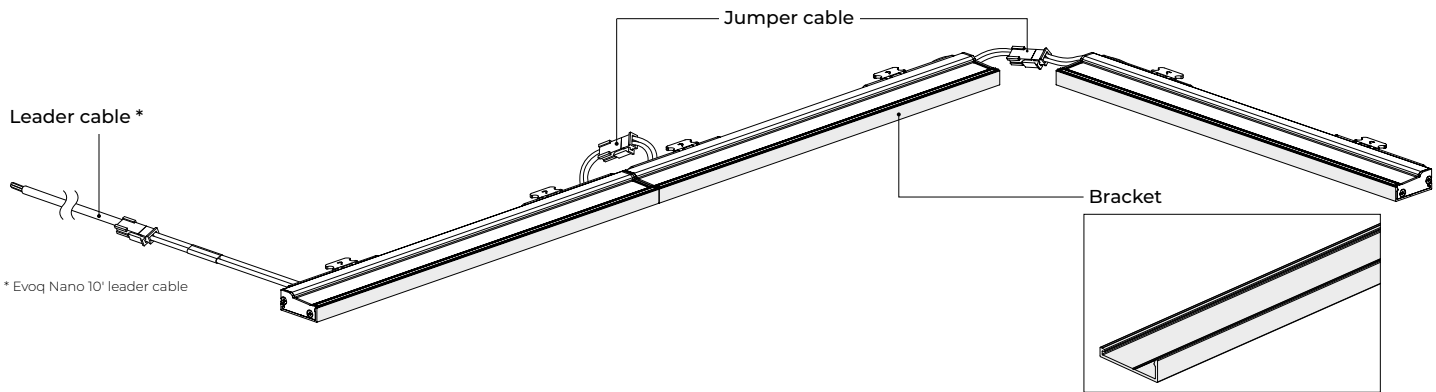
# EVOQ NANO

COVE LIGHTING



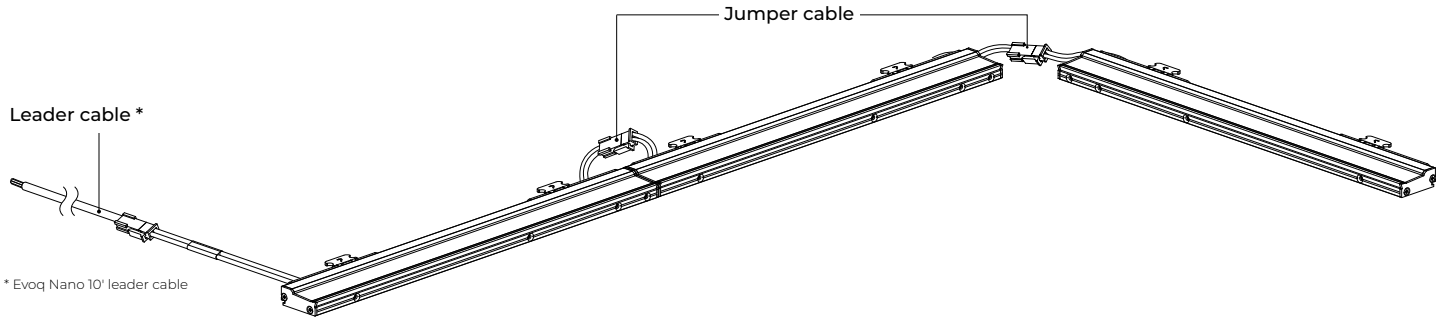
## Overview

FIXTURE ONLY



## FIXTURE WITH RAMP

Ramp is not shown.



### Maximum run length per leader cable

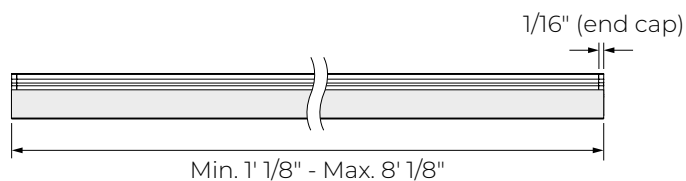
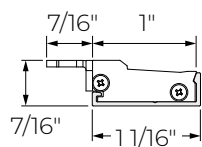
| Lumen package      | 150 lm/ft | 250 lm/ft | 350 lm/ft | 500 lm/ft |
|--------------------|-----------|-----------|-----------|-----------|
| Maximum run length | 8'        |           |           |           |



## Dimensions

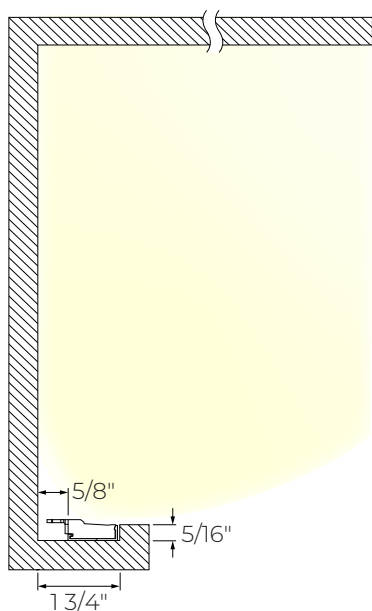
### FIXTURE ONLY

#### Fixture



### Cove by others

#### Recommended cove dimensions



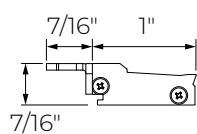
# EVOQ NANO

COVE LIGHTING



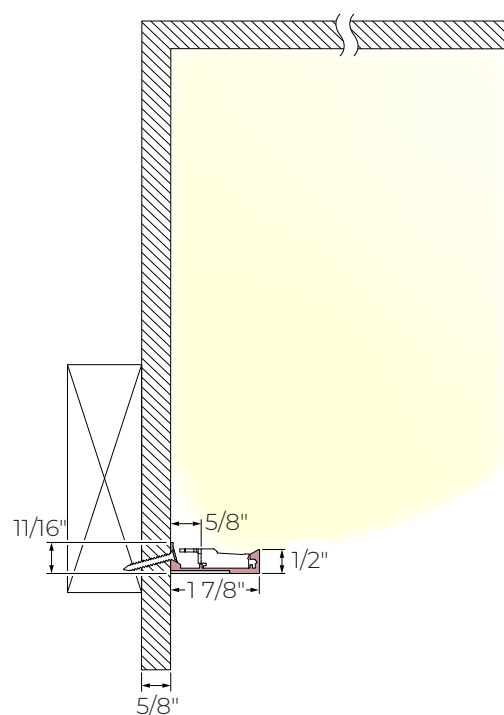
## FIXTURE WITH RAMP

### Fixture

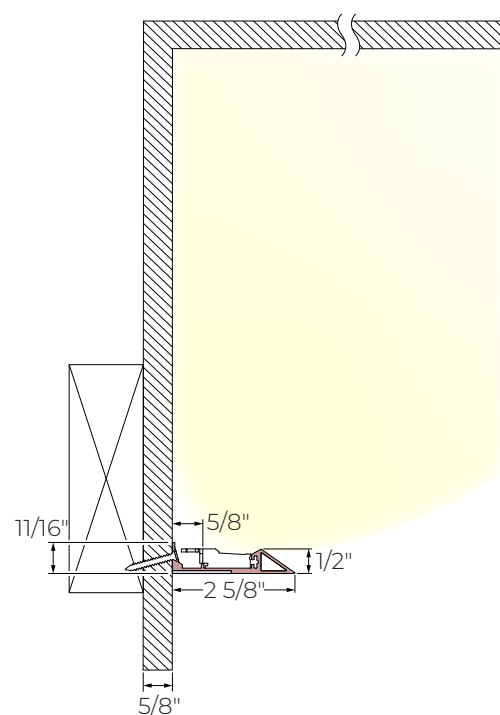


### Ramp

#### FE1 - Flat edge mount ramp

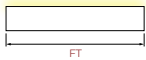


#### KE1 - Knife edge mount ramp



## Configuration

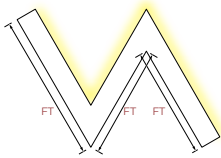
### LINEAR



**LIN-#FT#IN**  
Linear

### PATTERN WITH STRAIGHT CORNERS

#### PATTERN

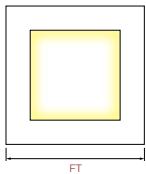


**PAT-#FT#IN-LEVIC+LEVOC**<sup>1,2</sup>  
Pattern

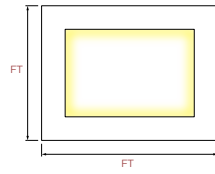
<sup>1</sup>A drawing of your pattern is required - anything from a line drawing to an architectural drawing.

<sup>2</sup>Length can also be specified in inches.

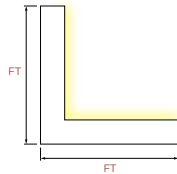
#### SHAPES WITH INSIDE CORNERS



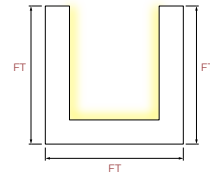
**SQR-#FT#IN-LEVIC**  
Square



**REC-#FT#IN-LEVIC**  
Rectangle

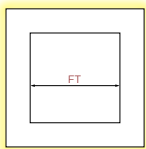


**LSH-#FT#IN-LEVIC**  
L-shape

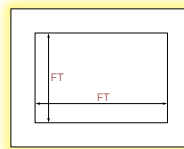


**USH-#FT#IN-LEVIC**  
U-shape

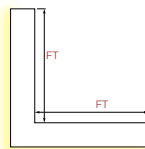
#### SHAPES WITH OUTSIDE CORNERS



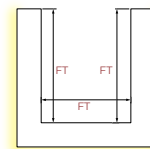
**SQR-#FT#IN-LEVOC**  
Square



**REC-#FT#IN-LEVOC**  
Rectangle



**LSH-#FT#IN-LEVOC**  
L-shape



**USH-#FT#IN-LEVOC**  
U-shape

# EVOQ NANO

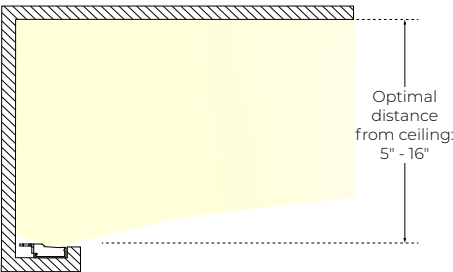
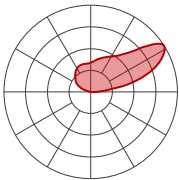
COVE LIGHTING



## Fixture

### OPTIC

**NAO** - Nano Asymmetric Optic



### PHOTOMETRICS

Values calculated based on a 4' fixture at 3500K.

| LM/FT | W/FT | LM/W |
|-------|------|------|
| 150   | 2.5  | 60   |
| 250   | 4.1  | 61   |
| 350   | 5.8  | 61   |
| 500   | 8.3  | 60   |

### MULTIPLIER TABLE

Use this table to get lumen per foot values for different color temperatures.

| CCT   |      |
|-------|------|
| 2200K | 0.85 |
| 2700K | 0.92 |
| 3000K | 0.97 |
| 3500K | 1    |
| 4000K | 1.03 |
| 5000K | 1.03 |
| 6500K | 1.03 |



## Technical Specifications

### OPTIC

#### Nano Asymmetric Optic (NAO)

Designed for shallow coves, the Nano Asymmetric Optic precisely directs light across ceilings and walls, providing even illumination with a soft, homogeneous gradient.

### LIGHT SOURCE

Custom linear array of mid-flux LEDs available in 2200K, 2700K, 3000K, 3500K, 4000K, 5000K, and 6500K with a minimum 80+ CRI and an options for 90+ CRI with elevated R9 value. Color consistency maintained to within 3 SDCM. All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

### CONFIGURATION AND LENGTH

Evoq Nano is available as a linear run or pattern with straight corners. Common shapes, such as square, rectangle, L-shape, and U-shape are available with either inside corners or outside corners. Other patterns can also be specified.

### ELECTRICAL

Factory-set, adjustable output current LED driver with universal (120-277 VAC) input. Dimmable from 100% to 1% with 0-10V dimming control. Rated life (90% survivorship) of 50,000 hours at 50°C max. ambient (and 70°C max. case) temperature. At maximum driver load: Efficiency>84%, PF>0.9, THD<20%. Other specifiable options include Lutron Hi-Lume 1% Eco, DALI, eldoLED 1% ECODrive 0-10V, eldoLED 0.1% SOLOdrive 0-10V, and DMX protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant.

### Battery

Each emergency battery (#EMB) powers a 4' fixture. Specify the number of batteries (#) required.

Factory installed long life, high temperature, maintenance-free Lithium-Ion battery pack with self-test functionality, test switch and charge indicator. Minimum of 90 minutes operation, up to 1000 lumens per 4' (25°C) emergency lighting output and recharge time of 24 hours.

### MOUNTING

Evoq Nano can be mounted with mud-in ramps. The Evoq Nano fixtures can also be used in pre-existing coves as standalone luminaires with brackets.

### FINISH

Unfinished, matte white, or custom finish

### CONSTRUCTION

**Housing:** Extruded aluminum

**Ramp:** Extruded aluminum

**Lens:** Acrylic

### WEIGHT

**Fixture:** 0.28 lbs/ft - 0.13 kg/ft

### Ramp:

**FEI:** 0.3 lbs/ft - 0.14 kg/ft

**KEI:** 0.4 lbs/ft - 0.18 kg/ft

### CERTIFICATION

**ETL:** Rated for indoor dry/damp locations. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.

### WARRANTY

Lumenwerx provides a five-year limited warranty on electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.