

# EVOQ SLIM

COVE LIGHTING

**Lumenwerx**



## PLUG & PLAY DESIGN



Plug  
& Play

## 4 OPTICS



Asymmetric  
Narrow  
Optic



Asymmetric  
Wide Optic



Symmetric  
Narrow  
Optic



Symmetric  
Wide Optic

## ENDLESS CONFIGURATIONS



Linear  
Run



Pattern  
Straight  
Corners

## MOUNTING OPTIONS



Flat Edge  
Mud-in Ramp



Knife Edge  
Mud-in Ramp

## The Evoq Slim System



**1** Specify your Fixture

**2** Define your Configuration

**3** Select your Mounting \*

\* Only for fixture with ramp.

# EVOQ SLIM

## COVE LIGHTING



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

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

## Order Guide - Fixture only

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

For fixture with ramp, see page 3.

| LUMINAIRE ID                                                                                        | OPTIC                                                                                                                                                  | LIGHT SOURCE                                                                                                                                                           | CRI                                                                                                                                                    | LUMEN PACKAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | COLOR TEMPERATURE                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EVOQSLLLIN</b> - Evoq Slim Linear<br><b>EVOQSLLPAT</b> - Evoq Slim Pattern with straight corners | <b>ANO</b> - Asymmetric Narrow Optic<br><b>AWO</b> - Asymmetric Wide Optic<br><b>SNO</b> - Symmetric Narrow Optic<br><b>SWO</b> - Symmetric Wide Optic | <b>SW</b> - Static white<br><b>FS</b> - Full spectrum static white<br><b>SOLA</b> - Dim-to-warm single channel control<br><b>DUO</b> - Tunable white 2-channel control | <b>80CRI</b> <sup>1</sup> - 80+ CRI<br><b>90CRI</b> <sup>1</sup> - 90+ CRI<br><b>95CRI</b> - 95+ CRI<br><sup>1</sup> Not available with full spectrum. | <b>350LMF</b> <sup>2</sup> - 350 lm/ft<br><b>500LMF</b> <sup>3,4</sup> - 500 lm/ft<br><b>750LMF</b> <sup>5</sup> - 750 lm/ft<br><b>1000LMF</b> <sup>6,7</sup> - 1000 lm/ft<br><sup>2</sup> Only available with RDI. Minimum 1' fixture.<br><sup>3</sup> Minimum 1' fixture.<br><sup>4</sup> Minimum 4' fixture when specified with RELV/RTLI.<br><sup>5</sup> Minimum 18" fixture when specified with RELV/RTLI.<br><sup>6</sup> Fixture will be very bright, not recommended for shallow coves.<br><sup>7</sup> Only available with static white 80+ CRI or static white 90+ CRI. | <b>22K</b> <sup>8</sup> - 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> <sup>8</sup> - 6500K<br><sup>8</sup> Not available with 95+ CRI.<br><b>SOLA / DUO</b><br><b>###K###K</b> - Specify the high and low CCT values (##) |

| CONFIGURATION <sup>9</sup>           | TOTAL LENGTH                                                                                                                                    | CORNER TYPE <sup>11</sup><br>Specify NA for Linear                                                                                                                                                                                                               |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Linear<br><b>LIN</b> - Linear        | <b>PAT</b> - 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 | <b>#FT#IN</b> <sup>10</sup> - Specify nominal length (#) in 6" increments<br><sup>10</sup> Fixtures are available in 6" increments, from a minimum of 6" for SW/FS (minimum 1' for SOLA/DUO) to a maximum of 8". A combination of different lengths may be used. |
| <sup>9</sup> See page 8 for details. |                                                                                                                                                 | Pattern with straight corners<br><b>LEVIC</b> - Leveled inside corner<br><b>LEVOC</b> - Leveled outside corner<br><b>NA</b> - Not applicable<br><sup>11</sup> If more than one option is specified, separate codes with a "+", e.g. LEVIC+LEVOC.                 |

| VOLTAGE                                                            | REMOTE DRIVER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ELECTRICAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>120V</b> - 120V<br><b>277V</b> - 277V<br><b>UNV</b> - 120V-277V | <b>RD1</b> - 1% 0-10V<br><b>RELV</b> <sup>12,13</sup> - ELV 120V<br><b>RTRI</b> <sup>12,13</sup> - TRIAC 120V<br><b>RLDE1</b> <sup>13,14,15</sup> - Lutron Hi-Lume 1% Eco<br><b>RDA</b> <sup>13,14</sup> - DALI<br><b>RELD1</b> <sup>15</sup> - eldoLED 1% ECOdrive 0-10V<br><b>RELD0</b> <sup>15</sup> - eldoLED 0.1% SOLOdrive 0-10V<br><b>+#EMB</b> <sup>16,17</sup> - Emergency battery<br><sup>12</sup> Available with 120V only.<br><sup>13</sup> Not available with 350 lm/ft.<br><sup>14</sup> On-site commissioning is required.<br><sup>15</sup> Minimum 2' fixture.<br><sup>16</sup> Specify quantity (#) and add to the driver code, e.g. RDI+1EMB.<br><sup>17</sup> Minimum 4' fixture.<br><b>SOLA</b><br><b>RSD1</b> - Single 0-10V input | <b>1C</b> - 1 circuit<br><b>#MC</b> <sup>20</sup> - Multi circuit<br><sup>20</sup> Specify total number of circuits (#). Provide drawing or layout specifications.<br><b>Remote driver box options</b> <sup>18</sup><br><b>+MRDB</b> <sup>19</sup> - Multiple drivers per remote driver box (up to 4 drivers)<br><sup>18</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>19</sup> Drivers will be consolidated by factory where possible to reduce the amount of remote driver boxes needed.<br><b>DUO</b><br><b>RDMX</b> <sup>14</sup> - DMX<br><b>RDDA</b> <sup>14</sup> - DALI DT6<br><b>RDDA8</b> <sup>14</sup> - DALI DT8<br><b>RDD1</b> - Dual 0-10V input for CCT/intensity<br><b>RLD2</b> <sup>13,14</sup> - Lutron DALI-2 digital |

# EVOQ SLIM

## COVE LIGHTING



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

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

## Order Guide - Fixture with ramp (Lumenwerx cove)

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

For fixture only, see page 2.

### 1 - Fixture

| LUMINAIRE ID                                                                                        | OPTIC                                                                                                                                                  | LIGHT SOURCE                                                                                                                                                           | CRI                                                                                                                                                    | LUMEN PACKAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | COLOR TEMPERATURE                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EVOQSLFLIN</b> - Evoq Slim Linear<br><b>EVOQSLFPAT</b> - Evoq Slim Pattern with straight corners | <b>ANO</b> - Asymmetric Narrow Optic<br><b>AWO</b> - Asymmetric Wide Optic<br><b>SNO</b> - Symmetric Narrow Optic<br><b>SWO</b> - Symmetric Wide Optic | <b>SW</b> - Static white<br><b>FS</b> - Full spectrum static white<br><b>SOLA</b> - Dim-to-warm single channel control<br><b>DUO</b> - Tunable white 2-channel control | <b>80CRI</b> <sup>1</sup> - 80+ CRI<br><b>90CRI</b> <sup>1</sup> - 90+ CRI<br><b>95CRI</b> - 95+ CRI<br><sup>1</sup> Not available with full spectrum. | <b>350LMF</b> <sup>2</sup> - 350 lm/ft<br><b>500LMF</b> <sup>3,4</sup> - 500 lm/ft<br><b>750LMF</b> <sup>5</sup> - 750 lm/ft<br><b>1000LMF</b> <sup>6,7</sup> - 1000 lm/ft<br><sup>2</sup> Only available with RD1. Minimum 1' fixture.<br><sup>3</sup> Minimum 1' fixture.<br><sup>4</sup> Minimum 4' fixture when specified with RELV/RTRI.<br><sup>5</sup> Minimum 18" fixture when specified with RELV/RTRI.<br><sup>6</sup> Fixture will be very bright, not recommended for shallow coves.<br><sup>7</sup> Only available with static white 80+ CRI or static white 90+ CRI. | <b>22K</b> <sup>8</sup> - 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> <sup>8</sup> - 6500K<br><sup>8</sup> Not available with 95+ CRI.<br><b>SOLA / DUO</b><br><b>##K##K</b> - Specify the high and low CCT values (##) |

| TOTAL LENGTH                                                                                                                                                                                                                                                   | VOLTAGE                                                            | REMOTE DRIVER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ELECTRICAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>#FT#IN</b> <sup>9</sup> - Specify nominal length (#) in 6" increments<br><sup>9</sup> Fixtures are available in 6" increments, from a minimum of 6" for SW/FS (minimum 1' for SOLA/DUO) to a maximum of 8'. A combination of different lengths may be used. | <b>120V</b> - 120V<br><b>277V</b> - 277V<br><b>UNV</b> - 120V-277V | <b>RD1</b> - 1% 0-10V<br><b>RELV</b> <sup>10,11</sup> - ELV 120V<br><b>RTRI</b> <sup>10,11</sup> - TRIAC 120V<br><b>RLDE1</b> <sup>11,12,13</sup> - Lutron Hi-lume 1% Eco<br><b>RDA</b> <sup>11,12</sup> - DALI<br><b>RELD1</b> <sup>11</sup> - eldoLED 1% ECOdrive 0-10V<br><b>RELD0</b> <sup>11</sup> - eldoLED 0.1% SOLOdrive 0-10V<br><b>+#EMB</b> <sup>14,15</sup> - Emergency battery<br><sup>10</sup> Available with 120V only.<br><sup>11</sup> Not available with 350 lm/ft.<br><sup>12</sup> On-site commissioning is required.<br><sup>13</sup> Minimum 2' fixture.<br><sup>14</sup> Specify quantity (#) and add to the driver code, e.g. RD1+1EMB.<br><sup>15</sup> Minimum 4' fixture.<br><b>SOLA</b><br><b>RSD1</b> - Single 0-10V input | <b>1C</b> - 1 circuit<br><b>#MC</b> <sup>18</sup> - Multi circuit<br><sup>18</sup> Specify total number of circuits (#). Provide drawing or layout specifications.<br><b>Remote driver box options</b> <sup>16</sup><br><b>+MRDB</b> <sup>17</sup> - Multiple drivers per remote driver box (up to 4 drivers)<br><sup>16</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><sup>17</sup> Drivers will be consolidated by factory where possible to reduce the amount of remote driver boxes needed.<br><b>DUO</b><br><b>RDMX</b> <sup>12</sup> - DMX<br><b>RDDA</b> <sup>12</sup> - DALI DT6<br><b>RDDA8</b> <sup>12</sup> - DALI DT8<br><b>RDD1</b> - Dual 0-10V input for CCT/intensity<br><b>RLD2</b> <sup>11,12</sup> - Lutron DALI-2 digital |

### 2 - Ramp

| RAMP LUMINAIRE ID                                                                                                | CONFIGURATION                                                                                                                                                                                              | TOTAL LENGTH                                                                                                                                                                                                                                                     | CORNER TYPE                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                  |                                                                                                                                                                                                            | Specify same as Fixture                                                                                                                                                                                                                                          | Specify NA for Linear                                                                                                                                                                                                                            |
| <b>EVOQSLINRMP</b> - Evoq Slim Linear ramp<br><b>EVOQSLPATRMP</b> - Evoq Slim 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>19</sup> See page 8 for details. | <b>#FT#IN</b> <sup>20</sup> - Specify nominal length (#) in 6" increments<br><sup>20</sup> Fixtures are available in 6" increments, from a minimum of 6" for SW/FS (minimum 1' for SOLA/DUO) to a maximum of 8'. A combination of different lengths may be used. | Pattern with straight corners<br><b>LEVIC</b> - Leveled inside corner<br><b>LEVOC</b> - Leveled outside corner<br><b>NA</b> - Not applicable<br><sup>21</sup> If more than one option is specified, separate codes with a "+", e.g. LEVIC+LEVOC. |

| MOUNTING                                                                                                                                                    | MOUNTING FINISH                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|                                                                                                                                                             |                                                                                               |
| Linear and Pattern with straight corners<br><b>Mud-in</b><br><b>FE1</b> - Flat edge<br><b>KE1</b> - Knife edge 35°<br><sup>22</sup> See page 9 for details. | <b>UNF</b> - Unfinished<br><b>W</b> - Matte white<br><b>CF#</b> - Custom finish, specify RAL# |

# EVOQ SLIM

COVE LIGHTING



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

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

## Accessories & Replacement Parts

Order separately.

### Leader cable <sup>1</sup>



**EVSLLC** - Evoq Slim 10' leader cable, male connector



**EVSLLCF** - Evoq Slim 10' leader cable, female connector

### Jumper cable <sup>1</sup>



**EVSLJC** - Evoq Slim 8" jumper cable

<sup>1</sup>See page 7 for details.

# EVOQ SLIM

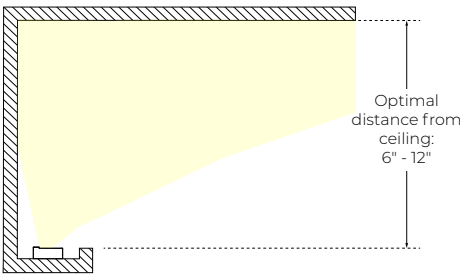
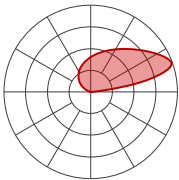
COVE LIGHTING



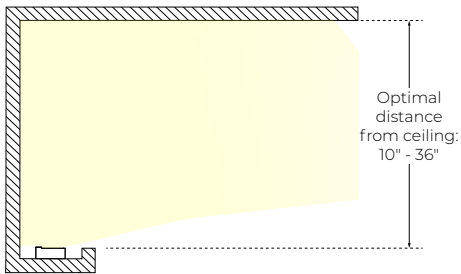
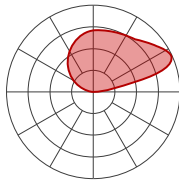
## Fixture

### ASYMMETRIC OPTICS

**ANO** - Asymmetric Narrow Optic



**AWO** - Asymmetric Wide Optic



### PHOTOMETRICS

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

| STATIC WHITE / FULL SPECTRUM |      |      | SOLA/DUO |      |      |
|------------------------------|------|------|----------|------|------|
| LM/FT                        | W/FT | LM/W | LM/FT    | W/FT | LM/W |
| 350                          | 3.4  | 103  | 350      | 3.5  | 100  |
| 500                          | 5.6  | 89   | 500      | 5.7  | 88   |
| 750                          | 7.7  | 97   | 750      | 7.9  | 95   |
| 1000                         | 9.8  | 102  | 1000     | 10.1 | 99   |

### MULTIPLIER TABLES

Use these tables to get results for different color temperatures and CRI.

| CCT   |  | WATTS | CRI                   |  | WATTS |
|-------|--|-------|-----------------------|--|-------|
| 2200K |  | 1.07  | 80+ CRI / 90+ CRI     |  | 1     |
| 2700K |  | 1.02  | 95+ CRI               |  | 1.21  |
| 3000K |  | 1.00  | Full spectrum 95+ CRI |  | 1.49  |
| 3500K |  | 1.00  |                       |  |       |
| 4000K |  | 0.97  |                       |  |       |
| 5000K |  | 0.97  |                       |  |       |
| 6500K |  | 0.99  |                       |  |       |



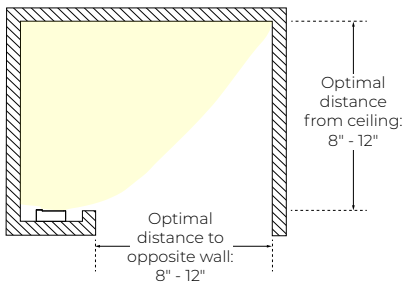
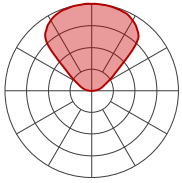
# EVOQ SLIM

## COVE LIGHTING

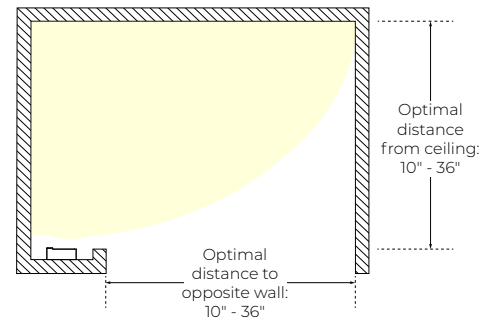
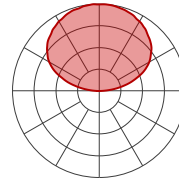


### SYMMETRIC OPTICS

#### SNO - Symmetric Narrow Optic



#### SWO - Symmetric Wide Optic



### PHOTOMETRICS

Values calculated based on a 4' fixture at 3000K for all optics.

#### SNO - Symmetric Narrow Optic

STATIC WHITE /  
FULL SPECTRUM

| LM/FT | W/FT | LM/W |
|-------|------|------|
| 350   | 3.7  | 94   |
| 500   | 6.1  | 82   |
| 750   | 8.4  | 89   |
| 1000  | 10.6 | 94   |

SOLA/DUO

| LM/FT | W/FT | LM/W |
|-------|------|------|
| 350   | 3.8  | 92   |
| 500   | 6.2  | 80   |
| 750   | 8.6  | 87   |
| 1000  | 10.9 | 92   |

#### SWO - Symmetric Wide Optic

STATIC WHITE /  
FULL SPECTRUM

| LM/FT | W/FT | LM/W |
|-------|------|------|
| 350   | 3.4  | 102  |
| 500   | 5.6  | 89   |
| 750   | 7.7  | 97   |
| 1000  | 9.9  | 101  |

SOLA/DUO

| LM/FT | W/FT | LM/W |
|-------|------|------|
| 350   | 3.5  | 100  |
| 500   | 5.7  | 87   |
| 750   | 7.9  | 95   |
| 1000  | 10.1 | 99   |

### MULTIPLIER TABLES

Use these tables to get results for different color temperatures and CRI.

| CCT   | WATTS |
|-------|-------|
| 2200K | 1.07  |
| 2700K | 1.02  |
| 3000K | 1.00  |
| 3500K | 1.00  |
| 4000K | 0.97  |
| 5000K | 0.97  |
| 6500K | 0.99  |

| CRI                   | WATTS |
|-----------------------|-------|
| 80+ CRI / 90+ CRI     | 1     |
| 95+ CRI               | 1.21  |
| Full spectrum 95+ CRI | 1.49  |

# EVOQ SLIM

COVE LIGHTING

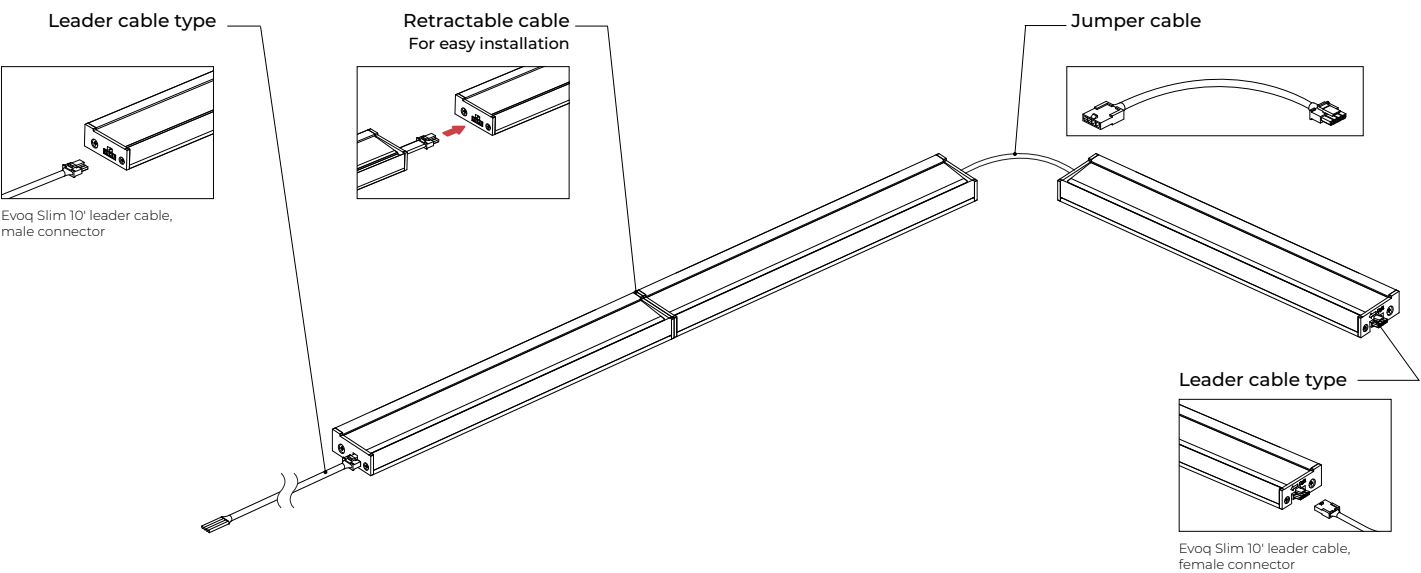


FIXTURE DIMENSIONS



| LIGHT<br>SOURCE | A                         |
|-----------------|---------------------------|
|                 | LENGTH                    |
| SW/FS           | Min 6 1/4" - Max 8' 1/4"  |
| SOLA/DUO        | Min 1' 1/4" - Max 8' 1/4" |

OVERVIEW



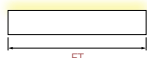
Maximum run length per leader cable

|                                 | 350 lm/ft | 500 lm/ft | 750 lm/ft | 1000 lm/ft |
|---------------------------------|-----------|-----------|-----------|------------|
| Static white - 80+ CRI/ 90+ CRI | 16'       | 16'       | 16'       | 12'        |
| Static white - 95+ CRI          | 16'       | 16'       | 12'       | NA         |
| Full spectrum static white      | 16'       | 16'       | 10'       | NA         |
| SOLA/DUO                        | 8'        | 8'        | 5'        | NA         |



## Configuration

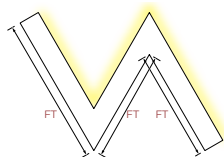
### LINEAR



**LIN-#FT#IN**  
Linear

### PATTERN WITH STRAIGHT CORNERS

#### PATTERN



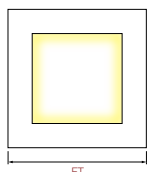
**PAT-#FT#IN-LEVIC+LEVOC**<sup>1,2</sup>

Pattern

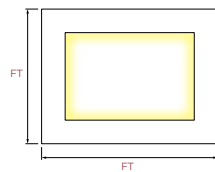
<sup>1</sup>A drawing of your pattern is required - anything from a line drawing to an architectural drawing.

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

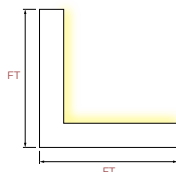
#### SHAPES WITH INSIDE CORNERS



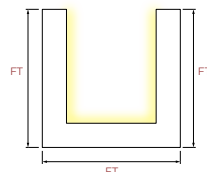
**SQR-#FT#IN-LEVIC**  
Square



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

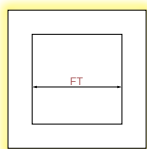


**LSH-#FT#IN-LEVIC**  
L- shape

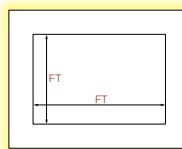


**USH-#FT#IN-LEVIC**  
U-shape

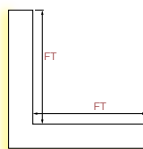
#### SHAPES WITH OUTSIDE CORNERS



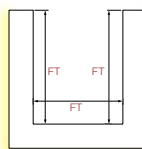
**SQR-#FT#IN-LEVOC**  
Square



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



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



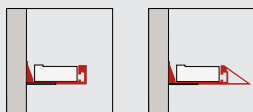
**USH-#FT#IN-LEVOC**  
U-shape



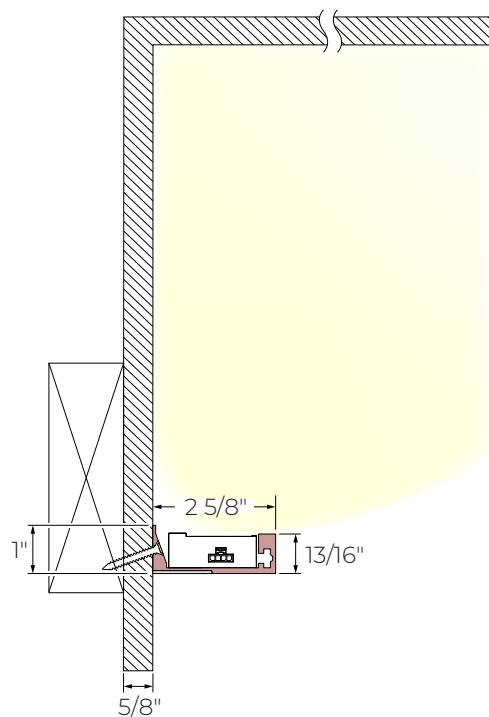
## Mounting - Fixture with ramp

### Mud-in

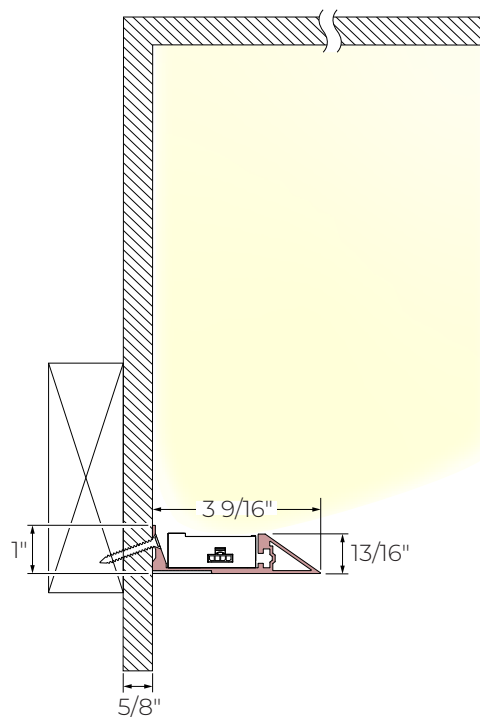
Evoq Slim Mud-in ramps serve as prebuilt cove structures. They are factory-built and field-cuttable. They require plastering and painting. The ramps come with integrated aligners and pins for an uninterrupted cove finish.



### FE1 - Flat edge mount ramp



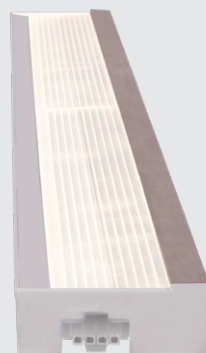
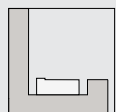
### KE1 - Knife edge mount ramp



## Mounting - Fixture only

### Cove by others

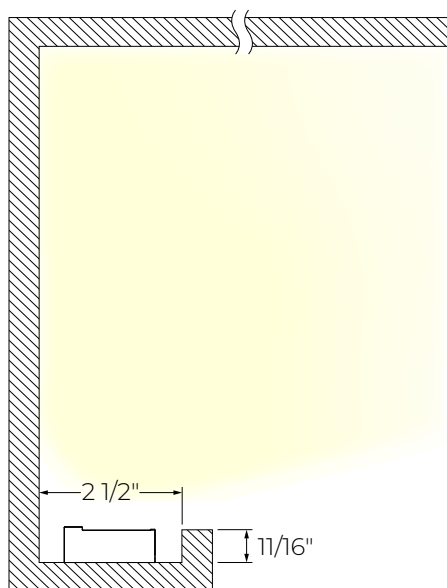
Evoq Slim fixtures can be integrated into existing coves as standalone fixtures.



### Fixture only

Recommended cove dimensions

Cove with straight corners



Linear  
Run



Pattern  
Straight  
Corners

## Technical Specifications

### OPTICS

#### Asymmetric Narrow Optic (ANO)

The Asymmetric Narrow Optic (ANO) is designed specifically for shallow coves with optimal performance achieved with fixture placement at 6"-12" from the ceiling. Its precise projection of light along ceilings and walls is evenly distributed with a soft, homogeneous gradient effect. The ANO peak intensity angle from nadir is at 110°, making it a true asymmetric optic that directs the light where it is intended.

#### Asymmetric Wide Optic (AWO)

The Asymmetric Wide Optic (AWO) excels at maximizing light projection even farther to create a soft gradient illumination with remarkable uniformity in deeper coves. The AWO's optimal performance is achieved with fixture placement at 10"-36" from the ceiling. Its peak intensity angle from nadir is at 107°, creating a true asymmetric optic that aims light exactly where needed.

#### Symmetric Narrow Optic (SNO)

The Symmetric Narrow Optic (SNO) delivers a focused, evenly balanced beam that defines form and highlights architectural elements with clarity. Ideal for emphasizing linear paths, structural features, or areas needing concentrated illumination, it provides controlled, precise lighting that sharpens visual intent without distraction.

#### Symmetric Wide Optic (SWO)

The Symmetric Wide Optic (SWO) offers broad, generous illumination that supports general ambient lighting while maintaining a refined architectural presence. Its uniform, evenly diffused output is well-suited for open areas, circulation zones, and spaces where comfortable, consistent coverage is desired without visual noise.

### LIGHT SOURCE

#### Static white

Custom linear array of mid-flux LEDs available in 2200K, 2700K, 3000K, 3500K, 4000K, 5000K, and 6500K with a minimum 80+ CRI and options for 90+ CRI and 95+ 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.

#### Full spectrum static white

The full spectrum LED option offers improved color particularly in the cyan region that is beneficial in both healthcare and circadian lighting strategies. The cyan region in full spectrum LED is richer at the 480 nm range.

#### Chromawerx SOLA

Chromawerx SOLA is single-channel control that dims output while warming the color temperature in a pre-determined relationship. The color temperature range can be specified from the following options: 2200K, 2700K, 3000K, 3500K, 4000K, 5000K, and 6500K. A simple analog control adjusts a specially populated LED array to emulate the effect of dimming a filament source.

#### Chromawerx DUO

Chromawerx DUO offers a two-channel control system which uses analog or digital protocols for synchronous control of both cool to warm LED arrays - maintaining a CRI above 90. The color temperature range can be specified from the following options: 2200K, 2700K, 3000K, 3500K, 4000K, 5000K, and 6500K. The range of color DUO offers is useful for entraining circadian rhythms, stimulating alertness, and compensating for jet lag among other applications. The Chromawerx drivers are programmed to limit maximum light output and power usage across all color temperatures. When paired with DALI drivers (DDA/DDA8), color tuning follows a linear dimming curve.

### CONFIGURATION AND LENGTH

Evoq Slim 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 ELV, TRIAC, Lutron Hi-Lume 1% Eco, DALI, eldoLED 1% ECOdrive 0-10V, eldoLED 0.1% SOLOdrive 0-10V, DMX, and Lutron DALI-2 digital protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant. ELV and TRIAC dimming performance (including minimum dimming percentage) subject to dimmer selection.

#### Battery

Each emergency battery (#EMB) powers a 48" 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.

# EVOQ SLIM

## COVE LIGHTING



### MOUNTING

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

### FINISH

Unfinished, matte white, or custom finish

### CONSTRUCTION

**Housing:** Extruded aluminum

**Ramp:** Extruded aluminum

**Lens:** Acrylic

### WEIGHT

**Fixture:** 0.58 lbs/ft - 0.26 kg/ft

### Ramp:

**FE1:** 0.59 lbs/ft - 0.27 kg/ft

**KE1:** 0.69 lbs/ft - 0.31 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.