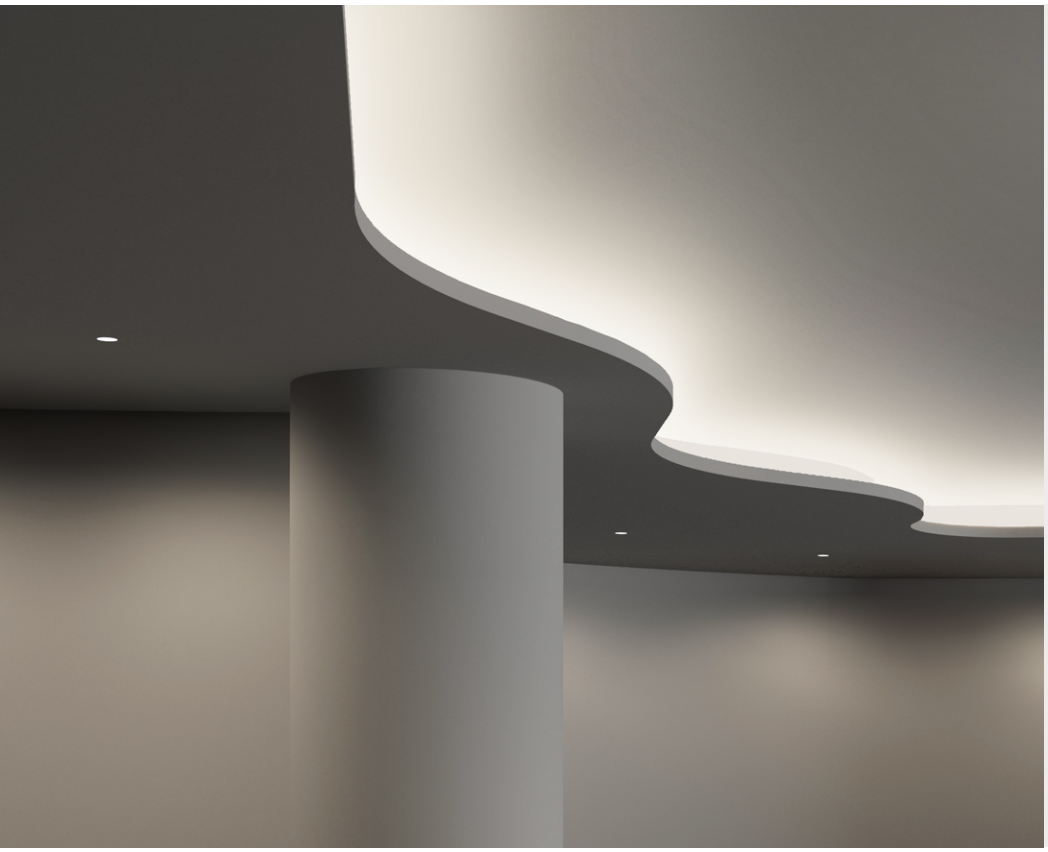
EVOQ FIELD-CURVABLE

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

Pattern
Curved
Corners

MOUNTING OPTIONS

Field-
Curvable
Ramps

The Evoq Field-Curvable System

Declare.

1 Specify your Fixture

2 Define your Configuration

3 Select your Mounting

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Intertek

EVOQ-FIELD-CURVABLE-SYSTEM-SPEC-REV4 - December 9, 2025

EVOQ FIELD-CURVABLE

COVE LIGHTING

Lumenwerx

5 YEAR WARRANTY 5 YEAR WARRANTY

Project: _____

Type: _____

Order Guide

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

The product code will be split into two separate lines for ordering/client drawing purposes. One line will be for the fixture, and one line for the mounting, if required.

1

LUMINAIRE ID	OPTIC	LIGHT SOURCE [1]	CRI	LUMEN PACKAGE	COLOR TEMPERATURE
EVOQCURPAT - Evoq Pattern with curved corners **EVOQLIN** - Evoq Linear **EVOQPAT** - Evoq Pattern with straight corners	**ANO** - Asymmetric Narrow Optic **AWO** - Asymmetric Wide Optic **SNO** - Symmetric Narrow Optic **SWO** - Symmetric Wide Optic	**SW** - Static white **FS** - Full spectrum static white **SOLA** [2] - Dim-to-warm single channel control **DUO** [2] - Tunable white 2-channel control [1] · RGBW also available. Consult other spec sheets. · Consult factory for solid colors, such as red, green and blue. [2] Not available with 12" modules.	**80CRI** [3] - 80+ CRI **90CRI** [3] - 90+ CRI **95CRI** - 95+ CRI [3] Not available with full spectrum.	**350LMF** - 350 lm/ft **500LMF** [4] - 500 lm/ft **750LMF** [5] - 750 lm/ft **1000LMF** [6] - 1000 lm/ft **1200LMF** [6,7] - 1200 lm/ft [4] Only available with 48" modules when specified with ELV/TRI. [5] Only available with 18" and 48" modules when specified with ELV/TRI. [6] Fixture will be very bright, not recommended for shallow coves. [7] Not available with full spectrum.	**22K** [8,9] - 2200K **27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K **50K** - 5000K **65K** [9] - 6500K [8] Not available with full spectrum. [9] Not available with 95+ CRI when specified with static white. SOLA / DUO **##K##K** - Specify the high and low CCT values (##)

TOTAL LENGTH	VOLTAGE	DRIVER	ELECTRICAL	LEADER CABLE TYPE [17]
#FT#IN - Specify nominal length (#) in 1' and/or 1" increments	**120V** - 120V **277V** - 277V **UNV** - 120V-277V	**D1** - 1% 0-10V **ELV** [10,11] - ELV 120V **TRI** [10,11] - TRIAC 120V **LDE1** [11,12,13] - Lutron Hi-lume 1% Eco [10] Available with 120V only. [11] Not available with 350 lm/ft. [12] On-site commissioning is required. [13] Not available with 12" modules. **DA** [11,12] - DALI **ELD1** [11] - eldoLED 1% ECOdrive 0-10V **ELD0** [11] - eldoLED 0.1% SOLOdrive 0-10V **+#EMB** [14,15] - Emergency battery [14] Available with 48" modules only. [15] Specify quantity (#) and add to the driver code, e.g. D1+1EMB. Each battery powers a 48" module. SOLA **SD1** - Single 0-10V input DUO **DMX** [12,14] - DMX **DDA** [12] - DALI DT6 **DDA8** [12] - DALI DT8 **DD1** - Dual 0-10V input for CCT/intensity **LD2** [11,12] - Lutron DALI-2 digital	**1C** - 1 circuit **#MC** [16] - Multi circuit [16] Specify total number of circuits (#). Provide drawing or layout specifications.	**EVLC** [18] - Evoq 10' leader cable, male connector **EVLCF** [18] - Evoq 10' leader cable, female connector **EVLC90** - Evoq 10' leader cable 90°, male connector [17] See page 5 for details. [18] Not available with Square or Rectangle patterns when specified with outside corners.

2

RAMP LUMINAIRE ID	CONFIGURATION [19,20]	LENGTH [21]	CORNER TYPE [25] Specify NA for Linear
EVOQCURPATRMP - Evoq Pattern with curved corners ramp **EVOQLINRMP** - Evoq Linear ramp **EVOQPATRMP** - Evoq Pattern with straight corners ramp	Pattern **SQR** - Square **REC** - Rectangle **LSH** - L-shape **USH** - U-shape **PAT** - Pattern **CIR** - Circle **ARC** - Arc Linear **LIN** - Linear [19] A combination of 12", 18", and 48" plug and play modules may be used in order to optimize uniform surface illumination. [20] See pages 6 to 7 for details.	Pattern [22] **#FTX#FT...** - Specify length of each section (#FT) in feet Square, Rectangle, L-shape **#FTX#FT** - #FT X #FT U-shape **#FTX#FTX#FT** - #FT X #FT X #FT Circle [23] **D#IN** - Specify diameter in inches (D#IN) Arc [24] **R#INA##** - Specify radius in inches (R#IN) and angle (A##) Linear **#FT#IN** - #FT#IN [21] Length can also be specified in inches. [22] Separate each required section length with an "X". [23] The minimum wall diameter is 53" for an inside corner, and 44" for an outside corner. [24] The minimum wall radius is 27" for an inside corner, and 22" for an outside corner.	Pattern with straight corners **#LEVIC** - Leveled inside corner **#LEVOC** - Leveled outside corner Pattern with curved corners [26] **#LEVICC** - Leveled inside curved corner **#LEVOCC** - Leveled outside curved corner **NA** - Not applicable [25] Specify quantity (#) for each required corner type. If more than one option is specified, separate codes with a "+", e.g. 1LEVIC+2LEVOC. [26] For patterns with curved corners, the minimum wall radius is 18" for an inside corner, and 13" for an outside corner.

3

MOUNTING [27]		MOUNTING FINISH
Pattern with curved corners Mud-in **FC1** - Field-curvable corners with non-field-curvable straight sections with flat edge **FC2** - Field-curvable ramp with flat edge	Linear and Pattern with straight corners Mud-in **FCS** - Flat edge compatible with field-curvable sections	**UNF** - Unfinished **W** - Matte white **CF#** - Custom finish, specify RAL# **NA** - Not applicable

[27] See pages 8 to 9 for details.

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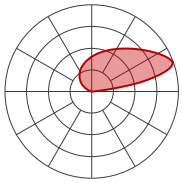
EVOQ FIELD-CURVABLE

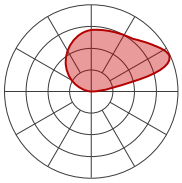
COVE LIGHTING

1 Fixture

ASYMMETRIC OPTICS

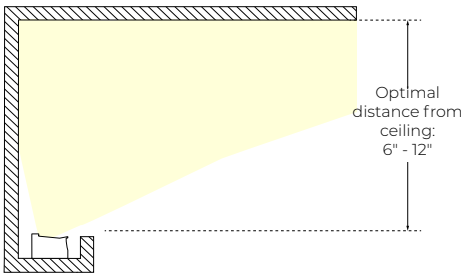


ANO

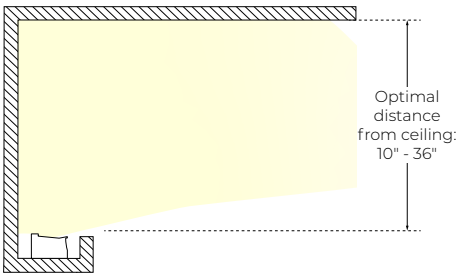


AWO

ANO - Asymmetric Narrow Optic



AWO - Asymmetric Wide Optic



PHOTOMETRICS

Values calculated based on a 12" module at 3500K for all optics.

STATIC WHITE / FULL SPECTRUM

LM/FT	W/FT	LM/W
350	3.4	103
500	5.6	89
750	7.7	97
1000	9.8	102
1200	11.5	104

SOLA/DUO

LM/FT	W/FT	LM/W
350	3.5	100
500	5.7	88
750	7.9	95
1000	10.1	99
1200	11.8	102

MULTIPLIER TABLES

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

CCT	WATTS
2200K	1.03
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

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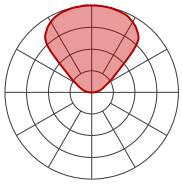
EVOQ FIELD-CURVABLE

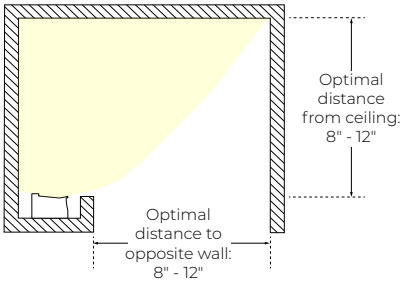
COVE LIGHTING

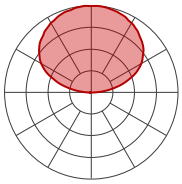
SYMMETRIC OPTICS



SNO

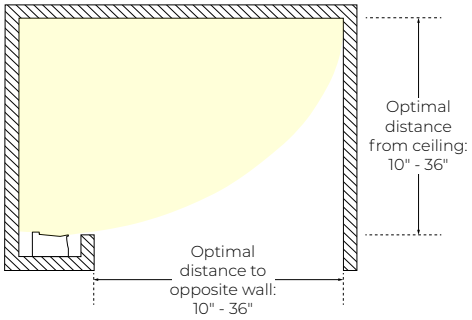
SNO - Symmetric Narrow Optic





SWO

SWO - Symmetric Wide Optic



PHOTOMETRICS

Values calculated based on a 12" module 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
1200	12.6	95

SOLA/DUO

LM/FT	W/FT	LM/W
350	3.8	92
500	6.2	80
750	8.6	87
1000	10.9	92
1200	12.9	93

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
1200	11.7	103

SOLA/DUO

LM/FT	W/FT	LM/W
350	3.5	100
500	5.7	87
750	7.9	95
1000	10.1	99
1200	11.9	101

MULTIPLIER TABLES

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

CCT	WATTS
2200K	1.03
2700K	1.02
3000K	1.00
3500K	1.00
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5000K	0.97
6500K	0.99

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

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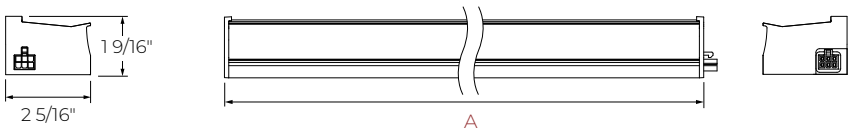
EVOQ-FIELD-CURVABLE-SYSTEM-SPEC-REV4 - December 9, 2025

EVOQ FIELD-CURVABLE

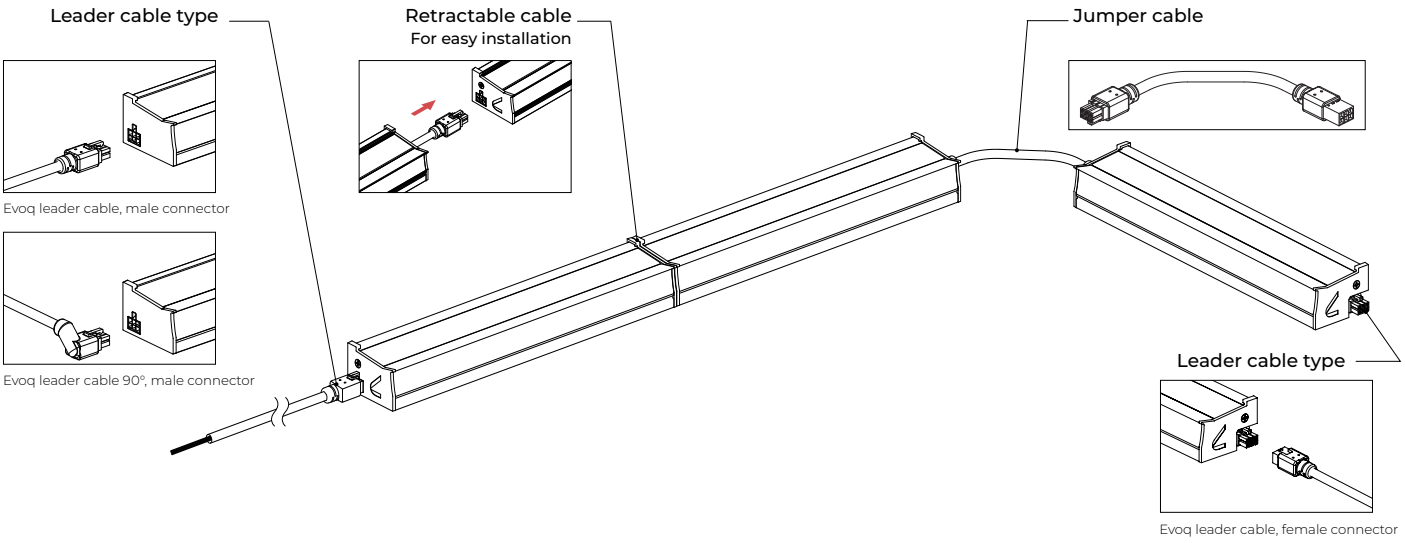
COVE LIGHTING

FIXTURE DIMENSIONS



NOMINAL LENGTH	A TOTAL LENGTH
12 IN	12 1/4"
18 IN	18 1/4"
48 IN	48 1/4"

OVERVIEW



Maximum run length per leader cable

	350 lm/ft		500 lm/ft		750 lm/ft		1000 lm/ft		1200 lm/ft	
	120V / UNV	277V	120V / UNV	277V	120V / UNV	277V	120V / UNV	277V	120V / UNV	277V
Static white - 80+ CRI/ 90+ CRI	200'	200'	120'	200'	90'	200'	70'	160'	60'	140'
Static white - 95+ CRI	170'	200'	100'	200'	70'	170'	60'	140'	50'	110'
Full spectrum static white	140'	200'	80'	200'	60'	140'	40'	110'	NA	NA
SOLA/DUO	200'	200'	120'	200'	90'	200'	70'	160'	60'	140'

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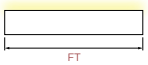
2 Configuration

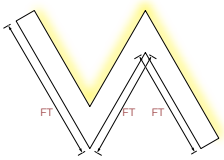
LINEAR



LIN-#FT#IN -
Linear, #FT#IN

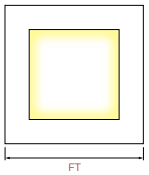
PATTERN WITH STRAIGHT CORNERS

PATTERN

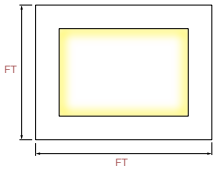


PAT-#FTX#FT...-#LEVIC+#LEVOC [1,2,3] -
Pattern, specify length of each section (#FT) in feet
[1] A drawing of your pattern is required - anything from a line drawing to an architectural drawing.
[2] Length can also be specified in inches.
[3] Separate each required section length with an "X".

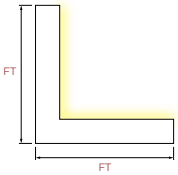
SHAPES WITH INSIDE CORNERS



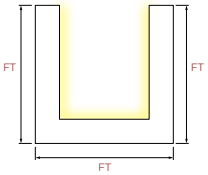
SQR-#FTX#FT-4LEVIC -
Square, #FT X #FT



REC-#FTX#FT-4LEVIC -
Rectangle, #FT X #FT

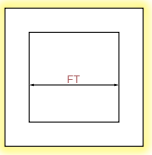


LSH-#FTX#FT-1LEVIC -
L- shape, #FT X #FT

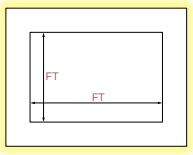


USH-#FTX#FTX#FT-2LEVIC -
U-shape, #FT X #FT X #FT

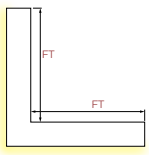
SHAPES WITH OUTSIDE CORNERS



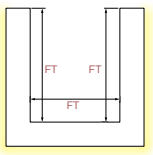
SQR-#FTX#FT-4LEVOC -
Square, #FT X #FT



REC-#FTX#FT-4LEVOC -
Rectangle, #FT X #FT



LSH-#FTX#FT-1LEVOC -
L- shape, #FT X #FT



USH-#FTX#FTX#FT-2LEVOC -
U-shape, #FT X #FT X #FT

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EVOQ FIELD-CURVABLE
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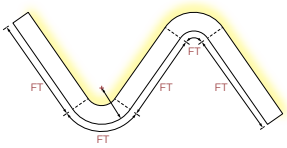
PATTERN WITH CURVED CORNERS

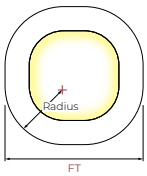
PATTERN



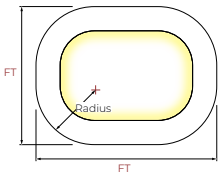
PAT-#FTX#FT...-#LEVICC+#LEVOCC [1, 2, 3] -
Pattern, specify length of each section (#FT) in feet

[1] A drawing of your pattern is required - anything from a line drawing to an architectural drawing.
[2] Length can also be specified in inches.
[3] Separate each required section length with an "X".

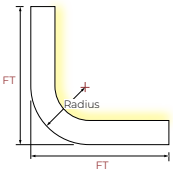
SHAPES WITH INSIDE CORNERS



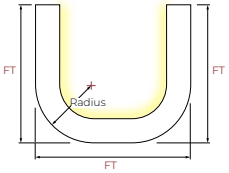
SQR-#FTX#FT-4LEVICC -
Square, #FT X #FT



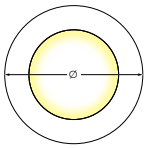
REC-#FTX#FT-4LEVICC -
Rectangle, #FT X #FT



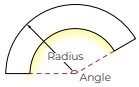
LSH-#FTX#FT-1LEVICC -
L-shape, #FT X #FT



USH-#FTX#FTX#FT-2LEVICC -
U-shape, #FT X #FT X #FT

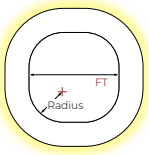


CIR-D#IN-1LEVICC - Circle, specify diameter in inches (D#IN)

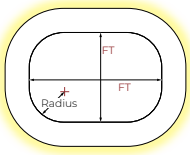


ARC-R#INA##-1LEVICC - Arc, specify radius in inches (R#IN) and angle (A##)

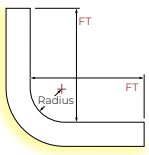
SHAPES WITH OUTSIDE CORNERS



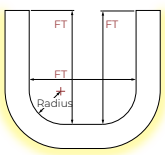
SQR-#FTX#FT-4LEVOCC -
Square, #FT X #FT



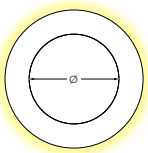
REC-#FTX#FT-4LEVOCC -
Rectangle, #FT X #FT



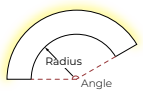
LSH-#FTX#FT-1LEVOCC -
L-shape, #FT X #FT



USH-#FTX#FTX#FT-2LEVOCC -
U-shape, #FT X #FT X #FT



CIR-D#IN-1LEVOCC - Circle, specify diameter in inches (D#IN)



ARC-R#INA##-1LEVOCC - Arc, specify radius in inches (R#IN) and angle (A##)

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Intertek

EVOQ-FIELD-CURVABLE-SYSTEM-SPEC-REV4 - December 9, 2025

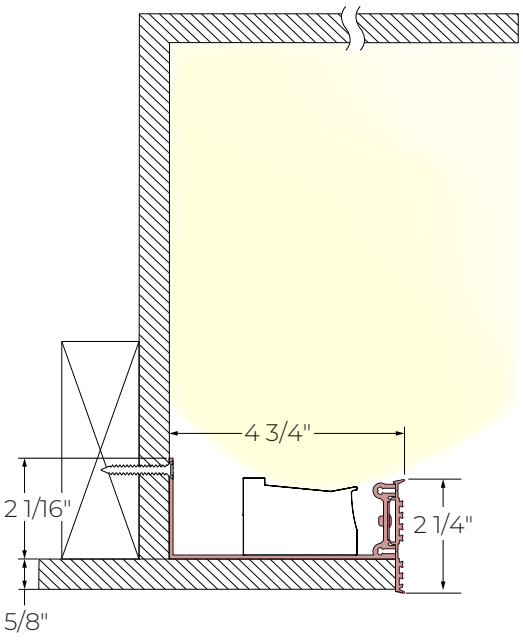
3 Mounting

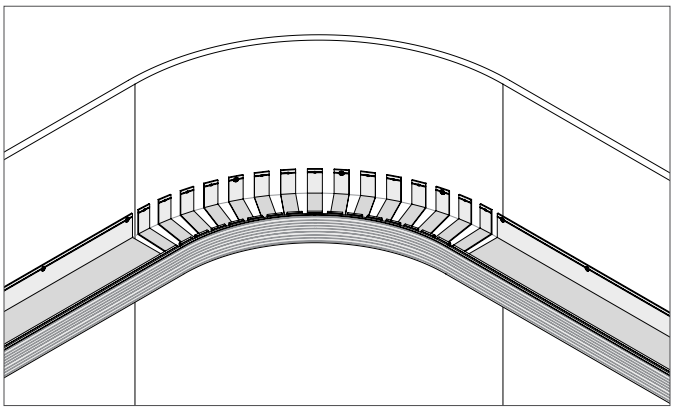
Mud-in

3 RAMP OPTIONS

Evoq Mud-in ramps serve as prebuilt cove structures. The Field-Curvable options are adjustable on-site to match the curved or straight contours of the wall/ceiling structure. The FC1 ramp includes field-curvable corner sections and non-field-curvable straight sections. The FC2 ramp is fully field-curvable for curved or straight structures. The FCS ramp is for straight structures only, when linear runs or patterns with straight corners are required, while maintaining compatibility and cohesion with FC1 and FC2. All options are field cuttable and require plastering and painting.

FC1 - Field-curvable corners with non-field-curvable straight sections with flat edge





Pattern
Curved
Corners

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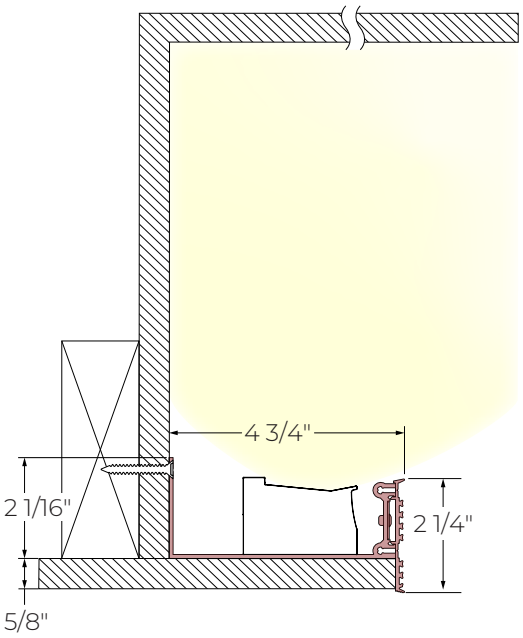
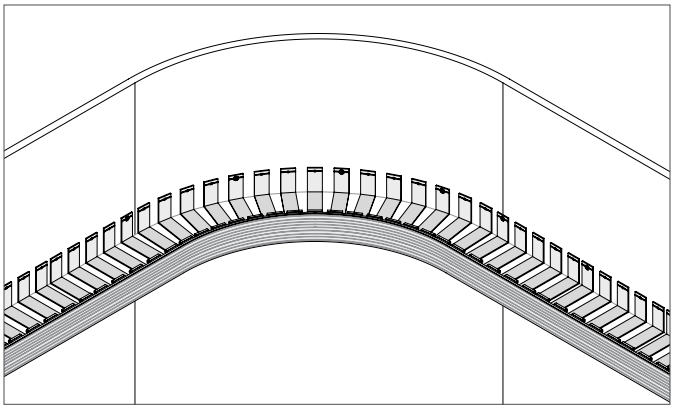
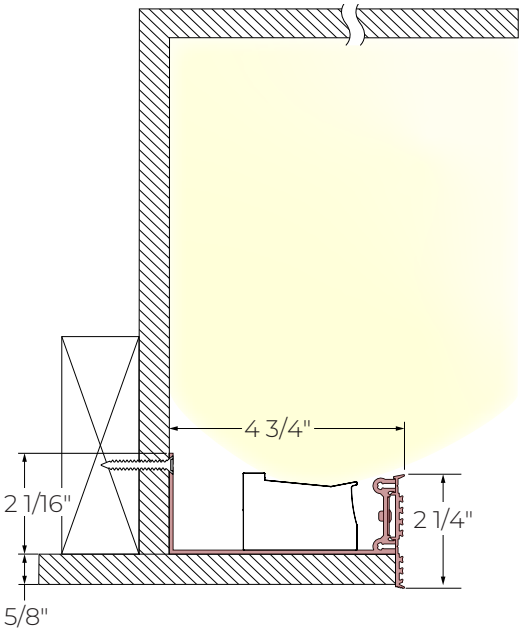
FC2 - Field-curvable ramp with flat edge





Pattern
Curved
Corners

FCS - Flat edge compatible with field-curvable sections



Linear
Run

Pattern
Straight
Corners

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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
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
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 Field-Curvable System is available as a linear run, pattern with straight corners, or pattern with curved corners. Common shapes, such as square, rectangle, L-shape, U-shape, circles, and arcs 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.

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Battery
Each emergency battery (#EMB) powers a 48" module. 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 Field-Curvable System can be mounted with mud-in field-curvable ramps.

FINISH
Mud-in: Unfinished, matte white, or custom finish

CONSTRUCTION
Housing: Extruded aluminum
Ramp: Extruded aluminum
Lens: Acrylic

WEIGHT
Fixture:
12": 1.5 lbs - 0.68 kg
18": 2.1 lbs - 0.95 kg
48": 4.3 lbs - 1.95 kg

Ramp:
FC1: 0.7 lbs/ft - 0.30 kg/ft
FC2: 0.7 lbs/ft - 0.30 kg/ft
FCS: 0.7 lbs/ft - 0.30 kg/ft

CERTIFICATIONS
ETL: Rated for indoor dry/damp locations. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.
Declare: LBC Red List Approved

WARRANTY
Lumenwerx provides a five-year limited warranty of 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.

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