

Client:	
Order #:	
Project:	
Type:	

DESCRIPTION

Elevate energy efficiency with REVO's StairLit Series. Specifically designed for 24/7 illumination, our durable LED solutions cut costs and enhance safety. Equipped with motion sensors and emergency backups, these compact fixtures suit various spaces, meeting energy codes effortlessly. Perfect for commercial, industrial, and residential settings, StairLit ensures optimal lighting while reducing environmental impact.

FEATURES

- Field selectable 3500k (warm/neutral white), 4000k (neutral white), and 5000k (cool white) color temperatures.*
- Long-life LEDs provide 190,000 hours of operation with at least 70% of initial lumen output (L70), and 58,000 hours with at least 90% of initial lumen output (L90).**
- Selectable lumen outputs range from 4200 nominal lumens to 6000 nominal lumens.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming drivers are standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Painted steel housing and PMMA (polymethyl methacrylate) frosted lenses are standard.
- Optional occupancy dimming sensor specifically designed to sense motion and illuminate both up and down stairwells (see figure 1).
- Easy installation in new construction or retrofit.

PERFORMANCE DATA

CRI

80+

CCT

3500K 4000K, 5000K

Projected Lifetime

190,000 Hours (L70)
58,000 Hours (L90)

Dimming

0-10V Dimming Standard,
10% down to 100%

Operating Temperature

-20°C to 50°C Max Ambient

Warranty

5 year Standard
10 year Optional

ORDERING INFORMATION

STAIRLIT						
B	C	D	E	F	G	

A	FIXTURE SERIES
StairLit	Stairwell Luminaire
B	WATTAGE/LUMENS (2')
29	29W/4208 ¹
34	34W/4792 ¹
46	46W/6056 ¹

C	CCT
35	3500k
40	4000K
50	5000K ²
D	VOLTAGE
U	120-277V

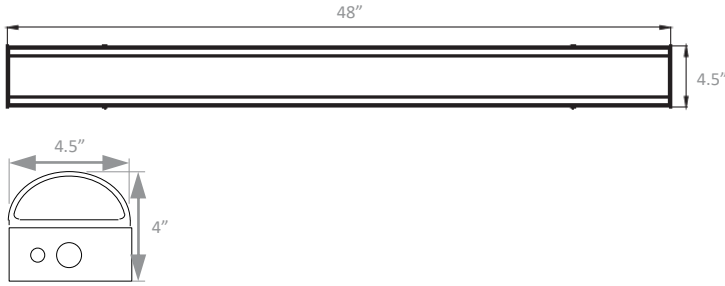
F	OPTIONS
E	Emergency
M	Motion Sensor ²
G	WARRANTY³
-	5 Year Warranty
10	10 Year Warranty
10L	10 Year Warranty including labor

¹ Delivered Lumens (4000K)

² For more information on the Motion Sensor features and benefits see Page 2

³ 5 Year Warranty is Standard unless specified

DIMENSIONS



Model	Length (L)	Width (W)	Height (H)	Weight
StairLit	48"	4.5"	4"	8 lbs.

ELECTRICAL

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
StairLit	Lumens	4245	4311	4208	4820	4941	4792	6226	6499	6056
	Watts	29	28	29	34	33	34	46	45	46
	Efficacy	145	152	143	143	150	141	135	146	130
	Input Current (A)	120V = 0.24A	120V = 0.23A	120V = 0.24A	120V = 0.28A	120V = 0.28A	120V = 0.28A	120V = 0.38A	120V = 0.38A	120V = 0.38A
240V = 0.12A		240V = 0.12A	240V = 0.12A	240V = 0.14A	240V = 0.14A	240V = 0.14A	240V = 0.19A	240V = 0.19A	240V = 0.19A	
277V = 0.10A		277V = 0.10A	277V = 0.10A	277V = 0.12A	277V = 0.12A	277V = 0.12A	277V = 0.17A	277V = 0.16A	277V = 0.17A	

PHOTOMETRIC DATA

StairLit

Luminaire Data

Description	Stairwell Luminaire LKFS - 5K
Total Lumens	6,056
Input Wattage	46
Efficacy (lm/W)	131
Spacing Criterion (0-180°)	1.26
Spacing Criterion (90-270°)	1.32

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	617	10.2%
0-30°	1,315	21.7%
0-40°	2,169	35.8%
20-50°	2,462	40.7%
40-70°	2,492	41.1%
0-60°	3,937	65.0%
0-80°	5,198	85.8%
0-90°	5,547	91.6%
90-180°	509	8.4%
0-180°	6,056	100.0%

