

The Stairwell 4' (SW4) Fixture has been developed to dramatically improve energy efficiency and quality of light using Solid State Lighting (SSL) technologies. The Stairwell fixture provides an attractive, low profile, energy efficient architectural look which has been specifically designed to replace existing fluorescent lighting or for use in new construction. Comfortable, low glare, uniform lighting is attributed to this style of fixture. Typical applications for this type of product are interior spaces where finished ceilings and walls exist. Applications include:

- Commercial/Corporate Office Spaces
- Schools, Colleges and Universities
- Retail Spaces, Public Spaces and Airports
- Hospitals, Government Facilities and Military Bases



project: \_\_\_\_\_

fixture type: \_\_\_\_\_

catalog #: \_\_\_\_\_

quantity: \_\_\_\_\_

ORDERING GUIDE

SW	4	- LFKS -	UNV	-	DM	-	F	-	PWH	-
PREFIX/SERIES	SIZE	LUMEN OUTPUT*	DRIVER VOLTAGE		DRIVER TYPE		LENS (DIFFUSER)		HOUSING COLOR / FINISH	FIXTURE OPTIONS
SW4 - 4' Stairwell Luminair	4 - 4'	<b>4'</b> <b>L042</b> (28w) <b>L048</b> (33w) <b>L060</b> (45w) <b>LKFS</b> Field Selectable**	UNV - Universal Voltage (120v - 277v) (60 Hz)		DM - 0-10v Low Voltage Dimming (10% - 100%)		F - Frosted Linear PMMA Lens		SWH - Painted steel, white housing.	<b>SNS21x - Philips</b> Wireless Sensor (EasySense)††† <b>SVP - Silvair</b> PIR Wireless Sensor††† <b>SVM - Silvair</b> Microwave Sensor†††† <b>LAR - Lutron</b> Athena Wireless control RF Only††††† <b>LAP - Lutron</b> Athena Wireless PIR Sensor††† <b>LVR - Lutron</b> Vive Wireless control RF Only††††† <b>LVP - Lutron</b> Vive Wireless PIR Sensor††† <b>WLS - Wave</b> Linx Sidecar PIR Sensor††† <b>OS - Occupancy</b> Sensor Passive Infrared** <b>ODS - Occupancy</b> Sensor Microwave** <b>Axx - Auxiliary</b> output 12 or 24V <b>EM - Emergency</b> Battery Pack † <b>TAA - Compliant</b>

\*LKFS = Field Selectable Delivered Lumens  
 4ft = 3500(25w)/4000(30w)/5000lms(34w)  
 8ft = 7000(50w)/8500(60w)/10000lms(69w)

\*Blank = Field Selectable  
 CCT 35K/4K/5K

\*\*Only options available with LKFS Field Selectable selection.

OS = passive infrared technology - features include on/off

ODS = microwave technology - features include on/off, step-dimming, and daylight threshold. Default sensor settings: detection area = 100%, hold time = 5 seconds, stand-by period = 0 seconds, stand-by dimming

level = 10%, daylight threshold = disabled. Remote control optional but not required, part number = HD03R.

† Standard "EM" option to be NiCd Battery @ 5 Watts constant power @ 90 min. duration (standard). Consult factory for all available options.

†† See page 2/4 for more information on dimensional requirements.

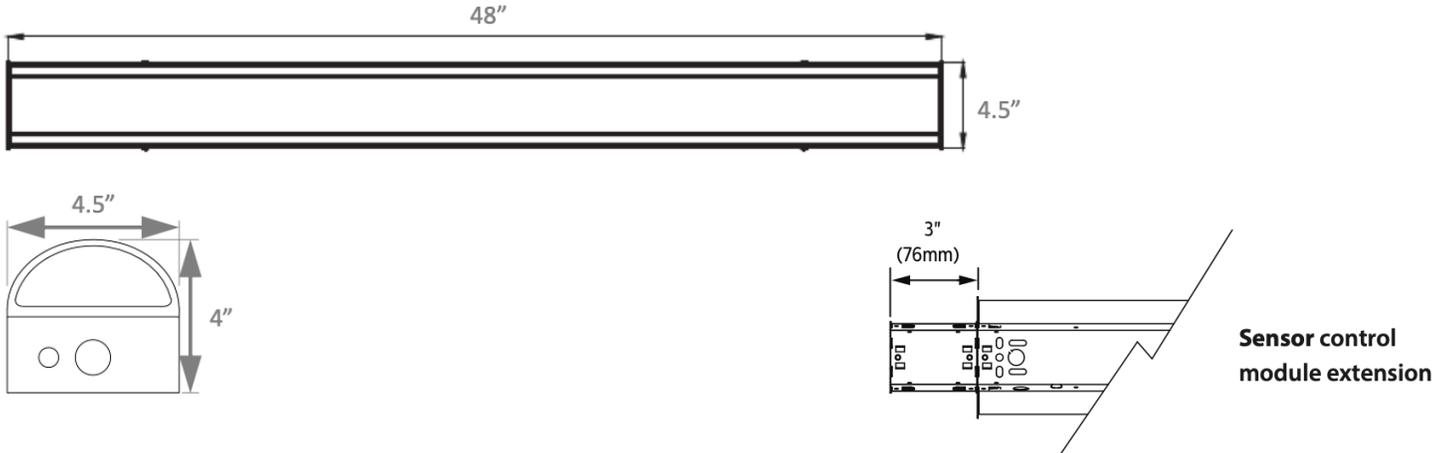
††† PIR sensors provide: Occupancy/Vacancy, Daylight Harvesting, Task Tuning & Advanced Grouping control options. (max 12 ft mounting height, highbay options available upon request)

†††† Microwave sensor provides: Occupancy/Vacancy, Task Tuning, Energy Monitoring & Advanced Grouping control options. (Sensor not visible from exterior of fixture, max 12 ft mounting height)

††††† RF sensors provide: Wireless fixture control only. (Wireless controls must be located within 60 ft (18 m) from each other in the line of sight, or 30 ft (9 m) through walls)

SW4 Cross Section & Fixture Dimensions

Prefix: SW4

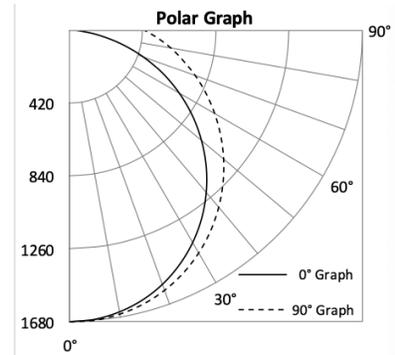


Luminaire Data

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%



ELECTRICAL

- Operating temperature (ambient): -25°C to 50°C (-4°F to 122°F).
- Universal 120-277V AC voltage (50-60Hz) is standard.
- 0-10VDC dimming drivers are standard.
- Input transient surge protection = 1kV.
- Power factor > 0.90.
- Total Harmonic distortion < 20%.

CODE COMPLIANCE

- cULus listed for damp locations ambient temperatures from -20°C to 50°C (-4°F to 122°F).
- cULus 1598 and 924 listed.\*
- DLC 5.1 premium approved.
- Complies with FCC Part 15, class A.
- Complies with IEEE C.62.41-1991, input transient protection (2.0kV)..

OPTICAL SYSTEM

- PMMA (polymethyl methacrylate) frosted lens.
- Field selectable 3500k(warm 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).\*\*\*
- Optional occupancy dimming sensor specifically designed to sense motion and illuminate both up and down stairwells.
- Selectable lumen outputs range from 4200 nominal lumens to 6000 nominal lumens.
- Color rendering index > 80%.

MOUNTING

- Surface mount.
- Easy installation in new construction or retrofit.

WARRANTY

- 5-year limited warranty.
- Please refer to RENOVA's website at [www.renova.com/sales/warranties](http://www.renova.com/sales/warranties) for the latest warranty terms and conditions.

**PRIOR TO REPLACING AN EXISTING FLUORESCENT FIXTURE, PLEASE NOTE THE FOLLOWING:**

 Fluorescent lamps contain small amounts of mercury. Such lamps are labeled "Contains Mercury" and / or with the symbol "Hg." Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at [www.lamprecycle.org](http://www.lamprecycle.org).

NOTES:

LED Dimming Drivers have adjustable output capability. A wide range of input watts/lumen output can be adjusted up or down on all models to suit a particular application. Always consult factory for the latest information.

Photometric data, IES files and all other information is available on request.

RENOVA products are constantly being improved; therefore the information shown is subject to change without notice. Always consult your lighting representative or RENOVA Lighting Systems, Inc. for the latest information.