

**CANLYTE**

# Stairwell

Surface/Wall Luminaire

**CANLYTE****Empowering Success****CFI... Sustainable Solutions**

CFI is a dependable lighting partner serving the commercial, industrial and institutional markets with a complete line of innovative, energy-efficient, environmentally conscious luminaires engineered and manufactured in North America.

CFI solutions are backed by a nationwide sales force of trained Canlyte representatives offering a wide range of support services. These include computer-assisted Genesys III lighting design workstations, which simulate the lighting options and calculations for a given space, and the Lighting Concept Centre, a 7,500 square foot demonstration facility giving lighting professionals the opportunity to see lighting solutions in action.

For more information, contact:

**CFI**

A Philips group brand


3015 Louis-Amos  
Lachine, QC H8T 1C4  
Phone: (514) 636-0670  
Fax: (514) 636-0460  
Website: [www.canlyte.com](http://www.canlyte.com)  
Email: [canlyte-info@philips.com](mailto:canlyte-info@philips.com)

Catalogue #CG321E

Version française disponible.

Printed in Canada. Copyright 2011 Philips Group.

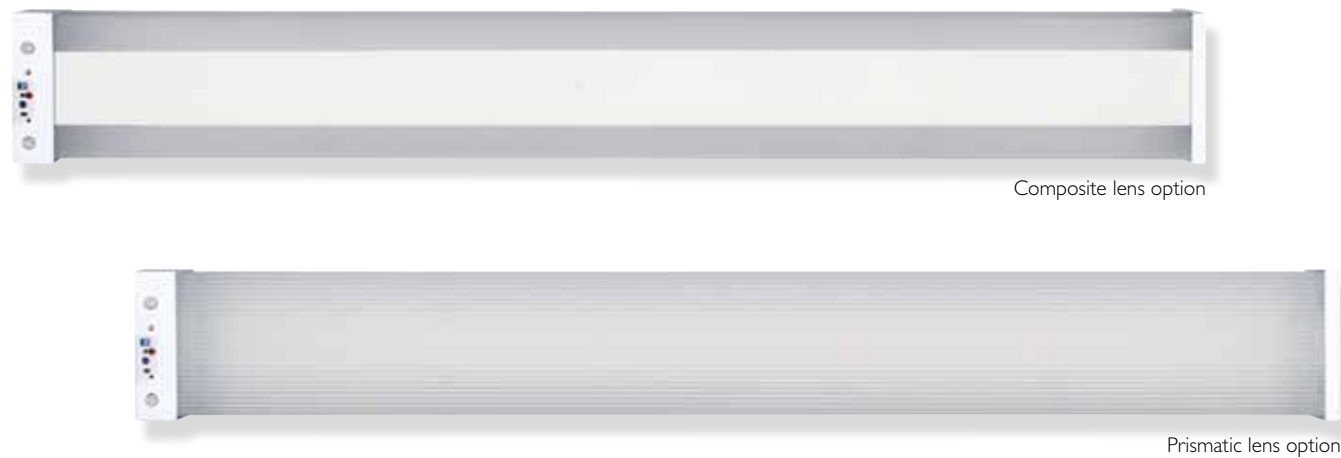
We reserve the right to change details of design, materials and finish that will not alter installed appearance or reduce function and performance.

 Some luminaires use fluorescent or high intensity discharge (HID) lamps that 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).



CFI is a Philips group brand

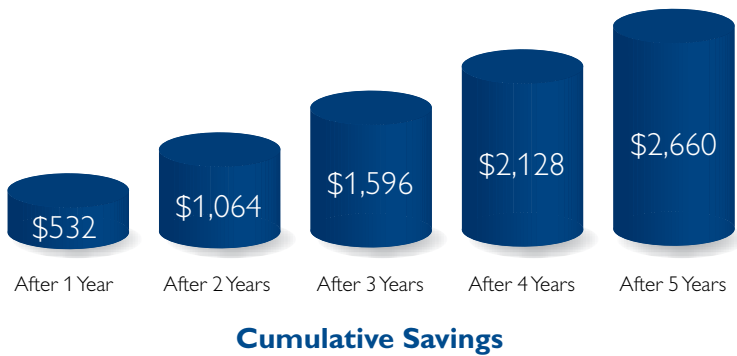
**PHILIPS**



# Conserving energy while maintaining safety

Stairwell lighting typically operates continuously at full output despite very low, intermittent use. The solution to this unique application is bi-level lighting which balances safety and security with energy savings. An integrated motion sensor and bi-level ballast provide standby low level light, and upon detection of motion in a space, restores lighting to full brightness.

## Save up to 50% in energy & energy costs in stairwell applications



This scenario is based on an annual usage of 8,760 hours (24 hours per day, 365 days per year) at \$0.10/kWh in a typical 6-storey building with two emergency stairwells unoccupied 95% of the time and two luminaires (2-T5) installed per floor.

### CFI... Sustainable Solutions

At CFI, sustainability is everything. In keeping with the highest manufacturing and testing standards in Canada, our locally produced and recyclable luminaires are manufactured using efficient processes designed to reduce waste. We are committed to providing you with sustainable, high quality lighting solutions through our precise, performance driven optics and our reliable luminaires designed for visual comfort and ease of installation. Coupled with intelligent control systems and sensors, our luminaires offer you endless energy and cost saving opportunities. We are committed to making sure that you have all you need to meet your most challenging specifications all the while minimizing your carbon footprint. This is who we are. You can rely on CFI for all your lighting requirements.

In a typical 6-storey building where stairwells are unoccupied 95% of the time\*, save up to 50% in energy and energy costs when using Stairwell with occupancy sensors and bi-level ballasts to provide constant safety light at 50% normal output and full brightness when motion is detected.

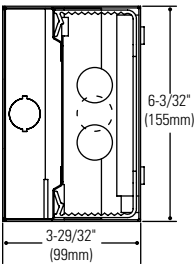
\*Source: UC / CSU: Bi-level Smart Stairwell Luminaire case study.

## Stairwell

### 4' 2-lamp T8

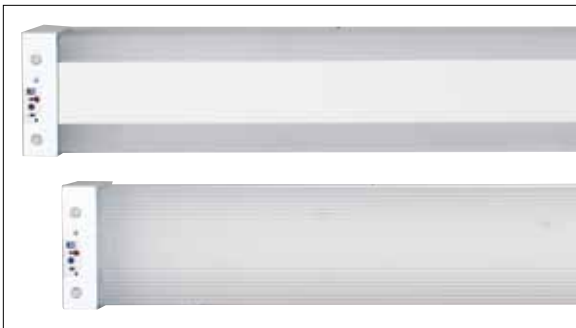
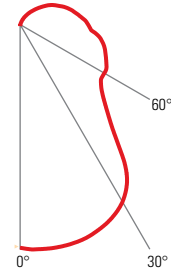
Reference Data	
Efficiency	73.9%
Spacing Ratio	1.3
Electronic Ballast	
Input Watts:	59.1W
Ballast Factor:	88

### Cross section



RCR	C. U.
1	72
2	63
3	55
4	49
5	44
6	39
7	36
8	33
9	30
10	28

### SF4R232UNVV2 (Data)



The Stairwell incorporates an integrated ultrasonic or infrared motion sensor and bi-level ballast to provide standby low level light for safety and security, and full brightness upon detection of motion. The Stairwell can be wall or ceiling mounted making it ideally suited for stairwells, restrooms, laundry or storage rooms and other areas where maximum light levels are not required on a constant basis.

### Features

- Integrated occupancy sensor: Ultrasonic or Infrared motion
- Available in T8, T5 and T5HO lamping
- Three unique lens options
- Concealed spring assisted pressure latching retains lens
- Post painted baked white enamel endcaps made of 20 gauge cold rolled steel
- Meets American with Disabilities Act requirements for wall mounted fixtures
- Tamper proof option available

### Options

#### Bi-Level Lighting

Specify voltage (UNV only) and add ballast suffix, e.g. **UNVV2**  
**V2:** Elect. R.S., T8, 1 or 2 LPB, 100%/50% Bi-level, <10% THD  
**VY:** Elect. P.R.S., T5, 2 LPB, 100%/50% Bi-level, <10% THD  
**NQ:** Elect. P.R.S., T5HO, 2 LPB, 100%/50% Bi-level, <10% THD

#### Split Sensor

One lamp always ON, one lamp controlled by occupancy sensor (two, 1-lamp ballasts; 4' T8 only)  
Specify voltage (UN2, 342) and add ballast suffix, e.g. **UN2RO**  
**RO:** Elect. R.S., T8, 1 LPB, <10% THD

#### ON/OFF

Lamp/lamps controlled by occupancy sensor in an ON or OFF capacity.  
Specify voltage (UNV, 347) and add ballast suffix, e.g. **UNVRO**  
**RO:** Elect. R.S., T8, 1 or 2 LPB, <10% THD  
**PG:** Elect. P.R.S., T5/T5HO, 2 LPB, <10% THD

LPB: Number of lamps per ballast

**Fusing:** Internal fast-blow fusing. Suffix: **A**.

**Electrical/Wiring Options:** Consult your Canlyte representative.

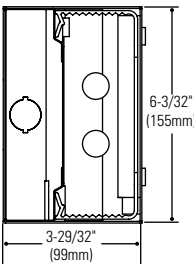
**Lens:** **C** = White composite acrylic lens.  
**R** = Linear prismatic virgin acrylic lens.  
**V** = Vandal proof, high impact, 50% DR acrylic linear prismatic lens with additional secondary vandal proof end-caps secured with holt head screws (factory installed only).

**Sensors:** For 40kHz UltraSonic, use **US**.  
For Infrared, use **OC**.

### 4' 2-lamp T5

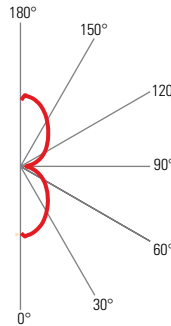
Reference Data	
Efficiency	87.4%
Spacing Ratio	1.1
Electronic Ballast	
Input Watts:	61.7W
Ballast Factor:	1.03

### Cross section



RCR	C. U.
1	77
2	65
3	56
4	49
5	43
6	38
7	34
8	31
9	28
10	26

### SF4R228UNVPG (Data)



### Ordering Guide

Lens	Length	Lamp Qty/Type	Lamp Watts	Catalogue Number
Linear Prismatic	24"	1-T8	17W	SF2R117
Virgin Clear Acrylic*	24"	2-T8	17W	SF2R217
	48"	1-T8	32W	SF4R132
	48"	2-T8	32W	SF4R232
	48"	2-T5	28W	SF4R228
	48"	2-T5HO	54W	SF4R254

\*Also available: White composite acrylic (**C**) and Vandal proof (**V**).

To complete Catalogue N° / Example: SF4R232UNVV2

SF4R232	UNV	V2		
<b>Basic Catalogue Number:</b> Stairwell 48" 2-T8	<b>Voltage:</b> 120: 120V 277: 277V <b>UNV:</b> 120-277V 347: 347V <b>UN2, 342:</b> See Split Sensor in Options at right	<b>Ballast:</b> See Options at right	<b>Sensor:</b> See Options at right	<b>Options:</b> Add appropriate suffix to catalogue number