

PROJECT: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

FIXTURE TYPE: \_\_\_\_\_

NOTES: \_\_\_\_\_

TSF LED Stairwell



The high-performing *TSF LED Stairwell* luminaire comes in a convenient 2 foot size that is ideal for stairwells and other general ambient lighting applications. This advanced luminaire uses the more applicable ultrasonic sensor to detect motion that does not require a direct line of sight instead of an infrared sensor. This luminaire is optically engineered for maximum efficacy and optimal light distribution with excellent uniformity. This luminaire is suitable for vertical and horizontal mounting and provides easy installation and long life. Emergency Battery Backup kit available.

APPLICATIONS  
Corridors, aisles, stairwells

REPLACEMENT  
2 Lamp F14T5      1 Lamp F25T8

PERFORMANCE INFORMATION

| SERIES NUMBER   | WATT | LUMENS | CCT   |
|-----------------|------|--------|-------|
| TSF 2 20 G1 50K | 18W  | 2,214  | 5000K |

| ORDERING GUIDE                                   |  |   |                                    |  |   |   | EXAMPLE: TSF 2 20 G1 50K   |
|--|--|---|------------------------------------|--|---|---|--|
| Luminaire Type                                   | Size                                       | Lumen Output                                    | Generation                         | Voltage  | CCT                                       | Finish  | Options  |
| <input type="checkbox"/> <b>TSF</b><br>Stairwell | <input type="checkbox"/> <b>2=</b><br>2 ft | <input type="checkbox"/> <b>20</b> 2,214 Lumens | <input type="checkbox"/> <b>G1</b> | <input type="checkbox"/> <b>BLANK=</b><br>120-277V | <input type="checkbox"/> <b>50K</b> 5000K | <input type="checkbox"/> <b>BLANK=</b><br>White | <input type="checkbox"/> <b>BLANK</b> = Ultrasonic Sensor<br><input type="checkbox"/> <b>EL UNV 8W=</b> Emergency Backup Kit<br><input type="checkbox"/> <b>WG-TSF 2=</b> 2ft Wire Guard |

Due to continuous product improvements, specification and/or equipment updates may change without notice.

SPECIFICATIONS

HOUSING

Embossed cold-rolled post-painted steel with aluminum end caps.

AMBIENT TEMPERATURE

Suitable for use in -20°C to 45°C (-20°F to 113°F)

MOUNTING

Wall mount

EFFICACY

Up to 123 lumens per watt (see individual wattage data)

CCT AND CRI

5000K CCT available; CRI 80

OPTICS

Frosted Lens with optional wire guard.

WARRANTY

5-year limited warranty.

ELECTRICAL

50/60Hz operation with 120-277V input.  
Standard 0-10V dimming.

LIFESPAN

L70 > 50,000 hours @ 25°C

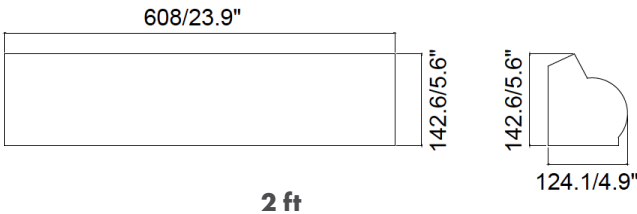
FINISH

Polyester Powder White finish

CERTIFICATIONS

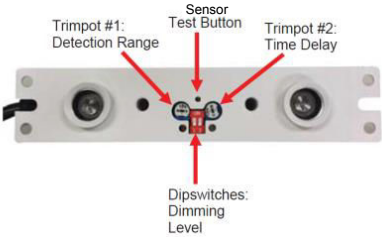
UL Listed for damp locations. Suitable for dry and damp locations. Please visit [www.slgus.com](http://www.slgus.com) for full certification information.

DIMENSIONS



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ULTRASONIC SENSOR



| Dipswitch 1 | Dipswitch 2 | DIM Level |
|-------------|-------------|-----------|
| OFF         | OFF         | OFF       |
| OFF         | ON          | 10%       |
| ON          | OFF         | 25%       |
| ON          | ON          | 50%       |

Ultrasonic technology detects motion without a direct line of sight.

Pressing the test button puts the sensor in test mode. Test mode sets the time delay to 5 seconds and runs for 5 minutes. The red motion LED will flash twice to indicate that test mode has started. After either 5 minutes have elapsed or the test button is pushed again, the red motion LED will flash three times to indicate the sensor is returning to normal operation based on the programmed time delay and dim level.

| Operation Temperature          | Mounting Height | Time Delay           | Max. Range      |                    |                  |
|--------------------------------|-----------------|----------------------|-----------------|--------------------|------------------|
|                                |                 |                      | Low Sensitivity | Medium Sensitivity | High Sensitivity |
| -30°C to 70°C (-22°F to 158°F) | 8-12ft          | 1 min, 5 min, 20 min | 13ft            | 18ft               | 35ft             |

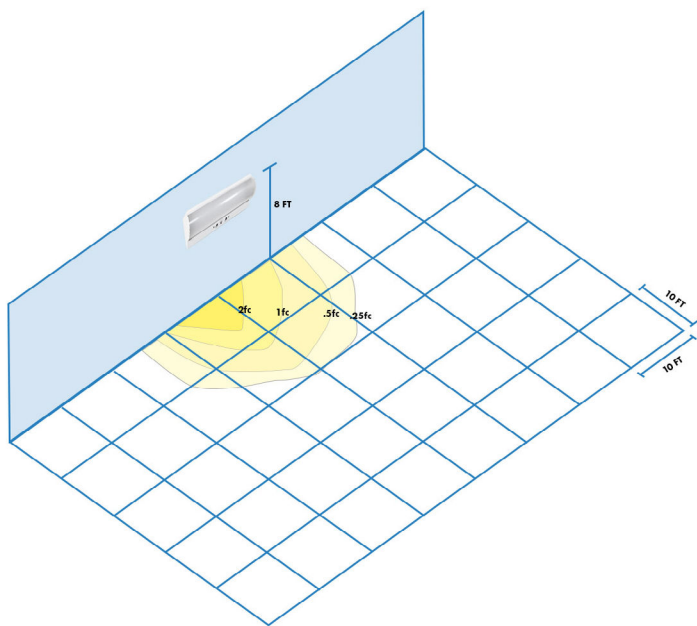
EMERGENCY BATTERY BACKUP



| Ambient Temperature        | Input Rated Voltage                           | Output Voltage          | Charge Time | Emergency Operation Time |
|----------------------------|---|-------------------------|-------------|--------------------------|
| 0° to 50°C (32°F to 122°F) | 100-277V AC 50-60Hz. AC input current 10-80mA | DC 15 to 55V, DC60V max | ≥24 hours   | ≥90 mins                 |

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PHOTOMETRIC



TSF 2 20 G1 50K

ELECTRICAL LOAD

|                |         | Current (A) |      |      |      |
|----------------|---------|-------------|------|------|------|
| Product Number | Wattage | 120V        | 208V | 240V | 277V |
| TSF 2 20 G1    | 18W     | 0.15        | 0.09 | 0.08 | 0.06 |

PERFORMANCE DATA

|                |         |          | 5000K  | T5 Lamp      | T8 Lamp      | Mounting Height |
|----------------|---------|----------|--------|--------------|--------------|-----------------|
| Product Number | Wattage | Voltage  | Lumens | Replacement  | Replacement  |                 |
| TSF 2 20 G1    | 18W     | 120-277V | 2,214  | 2 Lamp F14T5 | 1 Lamp F25T8 | 8-12'           |

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