

TEKLINK™ TL50 FOR SENScape™ Control System Specification & User Guide

SPG-TL50 SYSTEM

PRODUCT FEATURES:

- » Embedded Microwave occupancy detection
- » Sensor settings configurable via Remote Controller*
- » Adjustable dimmed-state light level
- » Adjustable occupancy time-out delay
- » Daylight Harvesting



PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

SPECIFICATIONS:

TEKLINK TL50M SENSOR: Embedded microwave occupancy detection with adjustable dim-level, sensor sensitivity, time-out delay, and turn-off delay settings via remote controller*. Microwave sensing operates at 5.8 GHz (continuous-wave radar) and provides 360° coverage at various mounting heights and coverage areas.

TEKLINK TL50DM SENSOR: Daylight harvesting functionality included along with TL50M sensor features listed above. When sufficient natural light is detected, daylight harvesting function overrides occupancy detection function.

INSTALLATION: Control components and sensor integrated in SPG18 housing at factory.

WARRANTY: Limited five (5) year warranty.

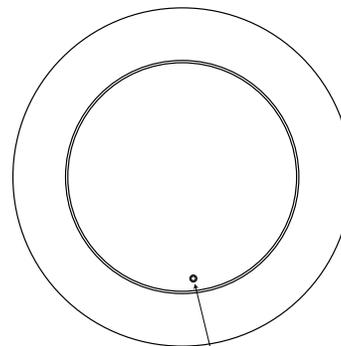
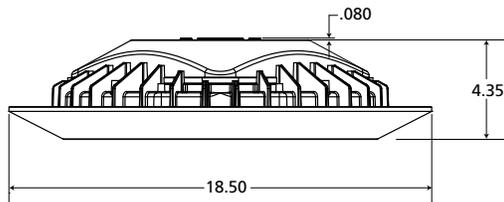
LISTINGS: Luminaire is certified to UL Standards by Intertek Testing Laboratory for Wet Location. IP65 rating per IEC 60598 standard with optional IP66 rating. Suitable for installation into -40°C to 40°C ambient environments, unless otherwise noted.

NOTE: See SPG18 spec sheet for TekLink™ TL50 control system ordering information.

*TL50 Remote controller (TL50-RC1) sold separately. Please consult factory.

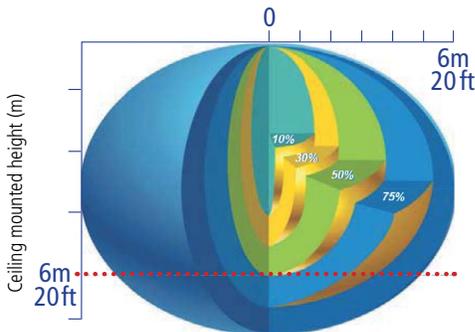


DIMENSIONAL DATA



Photocell for TL50DM Version

COVERAGE PATTERN



Ceiling mounted detection pattern
NOTE: Occupancy pattern dimensions are maximums, may vary due to environment

BASIC OPERATION



Red LED flashes upon settings change.



Factory Default

Time Out	Dim%	Daylight	Detection
20 min	30%	Inactive	100%



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details. ©2019 Kenall Mfg. Co.

A brand of **legrand**

TL50 Remote Controller Instructions*

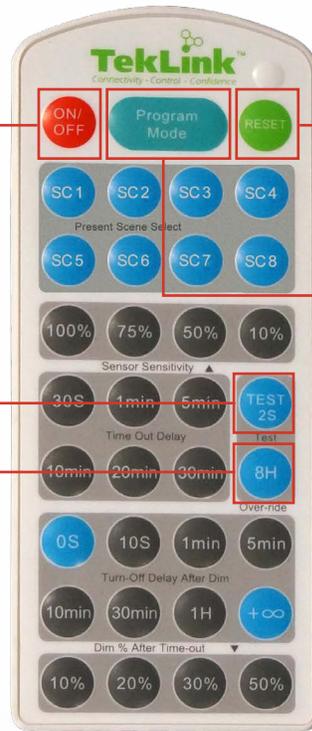
ON/OFF OVER-RIDES

Pressing **ON/OFF** will move the luminaire light output to 100% or 0%, respectively.

TEST 2S puts the system into test mode. In test mode, the Time Out Delay is reduced to 2 seconds.

8H will move the luminaire light output to 100% for 8 consecutive hours

NOTE: Occupancy detection and daylight harvesting are disabled in all Over-ride modes



ESCAPE FUNCTIONS

RESET reverts system back to factory settings listed below:

- Time Out Delay: 20 minutes
- Turn-Off Delay: +∞
- Dim% After Time-out: 30%
- Daylight: Inactive

PROGRAM MODE is used to:

- 1) Exit an Over-Ride function (ON/OFF, TEST 2S, 8H)
- 2) Restore previous settings

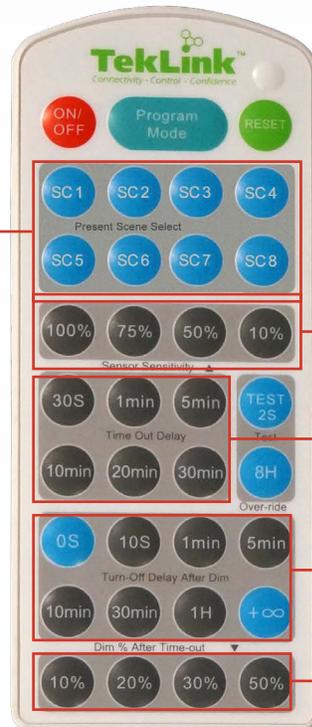
AUTO SETTINGS

The TL50 remote controller contains eight available scenes which set the Occupancy Time-out period, Turn-off Delay, Non occupancy Dim %, and Occ Light Level Target with the push of a button.

Below are the pre-set conditions for each button:

BUTTON	OCC TIME-OUT PERIOD	TURN-OFF DELAY	NON-OCC DIM %	OCC LIGHT LEVEL TARGET LIGHT
SC1	20 min	∞	10%	5 ft-c
SC2	20 min	∞	30%	5 ft-c
SC3	10 min	∞	10%	10 ft-c
SC4	10 min	∞	30%	10 ft-c
SC5	5 min	∞	10%	5 ft-c
SC6	5 min	∞	30%	5 ft-c
SC7	5 min	∞	50%	5 ft-c
SC8	5 min	∞	50%	10 ft-c

Light Level Targets are inactive for TL50M Version



MANUAL SETTINGS

Sets sensor sensitivity to occupancy detection

Sets the time period from when the system will go from the Occupancy light level to the Non-Occupancy Dim %

Sets the time period from when the system will go from the Non-Occupancy Dim % to OFF.

Non-Occupancy Dim Level %

*TL50 remote controller (TL50-RC1) sold separately. Requires two AAA batteries (not included).



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

A brand of **legrand**

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details. ©2019 Kenall Mfg. Co.