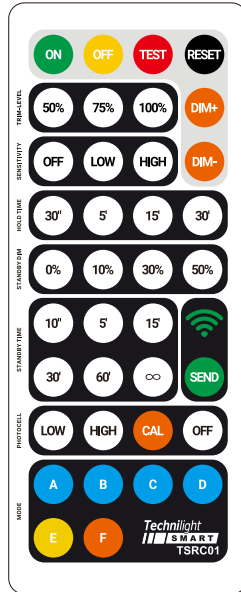




## TSRC01

### Infrared adjustment remote control



#### Description

The TSRC01 Remote is used to program the configurations of the Technilight Smart basic sensors using infrared (IR) communications with the devices. It offers 6 default modes of configurations plus manual settings. Customer configurations can be created, saved and then sent to each device ensuring a rapid deployment.

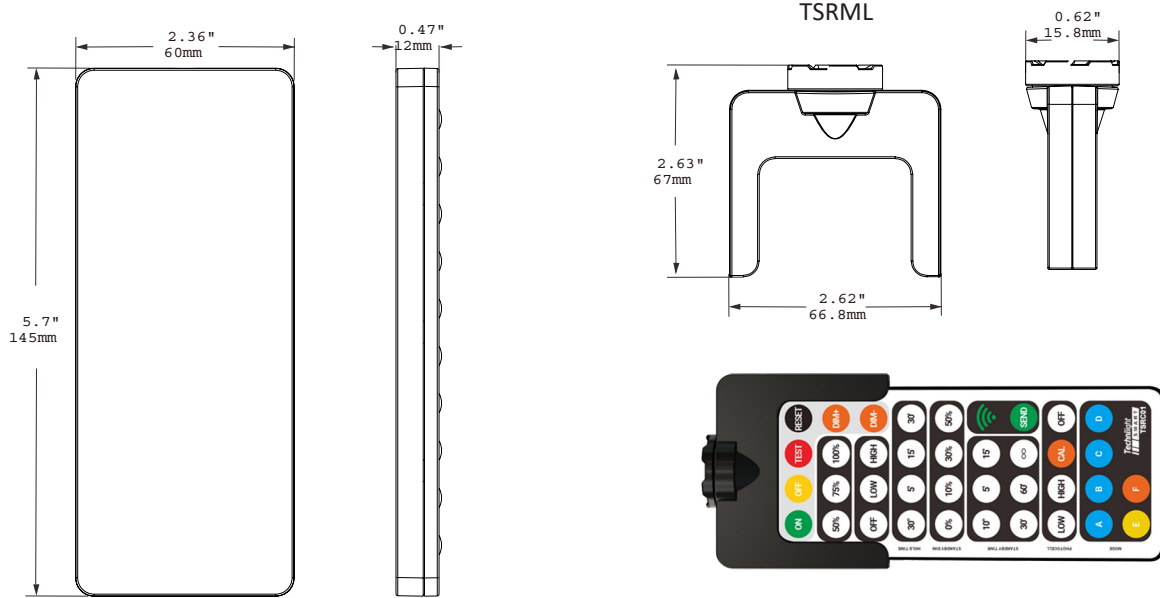
#### Features

- Low power consumption.
- Infrared communication.
- Setting most of Technilight Smart basic sensors.
- Custom Configurations can be saved to A, B, C, D, F.
- 40' maximum IR range.
- TSRML (included with new orders, available as an accessory for order) installed will increase IR range. (See table below)

#### Specifications

<b>Communication mode</b>	Infrared
<b>Supply voltage</b>	3V (2 pcs CR2032 batteries)
<b>Material</b>	Plastic
<b>Flame rating</b>	HB
<b>Operating humidity</b>	≤90% RH
<b>Operating temperature</b>	0°C to 45°C, 32°F to 113°F
<b>Warranty</b>	5 years

## Dimensions



Sensor	Remote control distance with TSRML
TSSPF9D	68'

## Product label

**Technilight**  
**SMART**

**TSRC01**  
**BASIC REMOTE CONTROLLER Preset Mode Setting**


Mode	Trim-High	Sensitivity	T1	Standby Dim	T2	Photocell	Manual Mode	Daylight Harvesting
A	100%	Low	30 min	50%	∞	CAL	/	/
B	100%	Low	30 min	50%	15 min	CAL	/	/
C	100%	Low	30 min	50%	15 min	OFF	/	/
D	50%	Low	30 s	50%	30 min	CAL	/	/
E	100%	/	/	/	/	/	YES	/
F	50%	Low	15 min	/	/	/	/	YES
Reset	100%	High	5 min	30%	60 min	OFF	/	/

**PHOTOCELL: LOW (5fc) / HIGH (20fc) / CAL (Collects the current Lux Level) ON.**

\*Note: Photocell modes include LOW (5 fc), HIGH (20 fc), and CAL (calibration).

**Quick Setting**  
Select a preset mode (A-F). (Modify preset parameters via interface if needed)  
Aim remote at target luminaire and press **SEND**. (The luminaire will blink twice to acknowledge setting)

**Sensor Reset:** aim remote at target luminaire and press **RESET**  
**Remote Reset:** Long-press **RESET** (2 sec)



instruction

Battery Type: CR2032 x 2

09-25  
MADE IN CHINA

Information subject to change without notice. Pictures for illustration purpose only. rev. 2.6.1

## Remote instructions

### Memory Mode (Commissioning)

To begin commissioning, follow these steps:

1. Select a memory profile: A, B, C, D, or E.
2. The remote's indicator lights will flash, indicating the currently saved settings.
3. Settings can be configured by pressing the appropriate buttons in the highlighted gray area of the remote (TRIM-LEVEL, SENSITIVITY, HOLD TIME, STANDBY DIM, STANDBY TIME, and PHOTOCELL). Review the selected settings and make changes as needed.
4. Point the remote at the desired luminaire and press «SEND.»
5. The luminaire will flash twice to confirm the settings are saved. Changing a parameter in a memory profile will automatically override previous settings.
6. If configuring multiple luminaires, repeat steps 4 and 5 after selecting the configured memory mode.

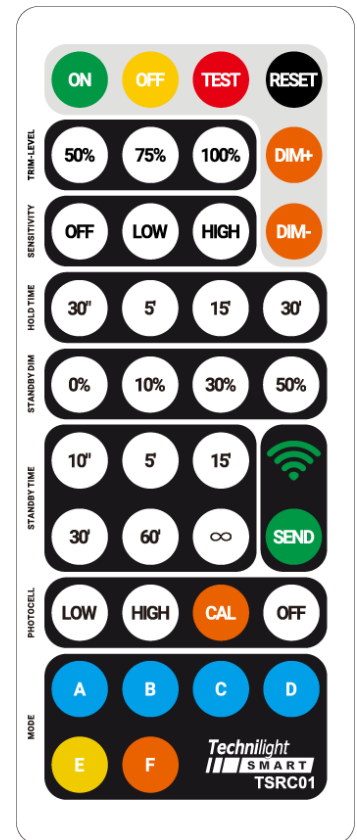
\* **E Mode** allows for visual adjustment to choose the desired dimming level.

### Daylight Harvesting (F Mode)

Continuous Adjustment Mode adjusts dimming levels based on daylight.

1. Point the remote at the desired luminaire and press «ON,» then press DIM+ or DIM- to adjust the dimming level.
2. Press «F.» The indicator lights on the remote will show the current saved settings. Note: Only TRIM-LEVEL, SENSITIVITY, and HOLD TIME can be selected for Daylight Harvesting settings
3. Review the selected settings and make changes as necessary. Press «SEND.»
4. If the configuration is successful, the luminaire will flash twice to confirm the setting is saved. If configuring multiple luminaires, select the configured Daylight Harvesting settings, then follow step 1, step 2 and step 3.

ON	Turns <b>ON</b> luminaires.
OFF	Turns <b>OFF</b> luminaires.
TEST	The fixture enters the test mode and exit automatically after 5 minutes, the test mode parameters are configured as follows: <b>Trim-level:</b> 100%, <b>Sensitivity:</b> HIGH, <b>Hold time</b> : 2s, <b>Standby dim:</b> 50%, <b>Standby time:</b> 2s.
RESET	Trim= 100%, Sensitivity = High, T1 = 5 min, Standby Dim = 30%, T2 = 60 min, Photocell = OFF.
DIM+/-	Press Dim+ or Dim- to adjust brightness in 0.5V increments. Hold the button for continuous dimming
TRIM-LEVEL	Set Maximum brightness.
SENSITIVITY	Set the motion sensitivity of the sensor <b>LOW:</b> 50% / <b>HIGH:</b> 100%, <b>OFF:</b> disable the motion detection function.
HOLD TIME	The duration that elapses without occupancy detection before transitioning to standby dim.
STANDBY DIM	Select any standby dim level.
STANDBY TIME	Standby time, when the time is set to "∞", the daylight detection function is activated.
PHOTOCELL	visible light threshold, the fixture is allowed to be turned on when it falls below the threshold <b>LOW:</b> 5fc / <b>HIGH:</b> 20fc, <b>CAL:</b> Collect the current visible light illuminance as the threshold, <b>OFF:</b> disable PHOTOCELL function.
MODE	Default configuration parameters for mode A to F.
SEND	Send settings to sensor.
DEFAULT MODE A	Trim= <b>100%</b> , Sensitivity = <b>Low</b> , T1 = <b>30 min</b> , Standby Dim = <b>50%</b> , T2 = <b>∞</b> , Photocell = <b>CAL</b> .
DEFAULT MODE B	Trim= <b>100%</b> , Sensitivity = <b>Low</b> , T1 = <b>30 min</b> , Standby Dim = <b>50%</b> , T2 = <b>15 min</b> , Photocell = <b>CAL</b> .
DEFAULT MODE C	Trim= <b>100%</b> , Sensitivity = <b>Low</b> , T1 = <b>30 min</b> , Standby Dim = <b>50%</b> , T2 = <b>15 min</b> , Photocell = <b>OFF</b> .
DEFAULT MODE D	Trim= <b>50%</b> , Sensitivity = <b>Low</b> , T1 = <b>30 s</b> , Standby Dim = <b>50%</b> , T2 = <b>30 min</b> , Photocell = <b>CAL</b> .
DEFAULT MODE E	Manual Dimmer Mode, Trim= <b>100%</b> .
DEFAULT MODE F	Daylight Harvesting, Trim= <b>50%</b> , Sensitivity = <b>Low</b> , T1 = <b>15 min</b> .



### What is the expected operation if the user sets Standby Time to something other than INFINITE?

motion -> the intensity of ambient light is lower than the threshold set by the PC->turn on the light and dim to trim-level->t1 timeout->dim to standby dim ->t2 timeout->turn off the light.

### If it does not turn OFF the fixture, why would Mode B and D use CAL as the default?

The ambient light intensity stored by CAL will serve as the threshold for turning on the lights, but it has no connection with the function of turning off the lights.

Information subject to change without notice. Pictures for illustration purpose only. rev. 2.6.1