

# SUBJECT SPECIFICATION SHEET

## SMF2025

### CUSTOMER PROJECT

Project: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Cat. No.: \_\_\_\_\_  
 Qty: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 EEL Rep: \_\_\_\_\_



Telephone: 905 415 8878 Fax Number: 905 415 8872 Toll Free Telephone: 855 415 8878 Toll Free Fax: 855 415 8872

## SPECIFICATION FEATURES

Operating Voltage	10-15V DC
Operating Current	30mA±5%
Output	DIM 0-10V
Stand-by Power	<0.5W
Detection area	25%/50%/75%/100%
Hold time	5s/30s/1min/3min/5min/10min/20min/30min
Daylight threshold	2Lux/10Lux/50Lux/80Lux/120Lux/Disable
Stand-by period	0s/10s/30s/1min/5min/10min/30min/+∞
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.3mW
Mounting height	Max.15m(ceiling mounted)
Detection range	Max.ø14m(ceiling mounted)
Operating temperature	-20°C to 60°C
IP rating	IP65

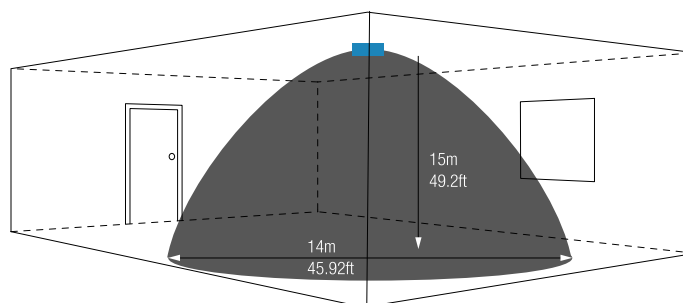
### Factory Default Setting:

- Detection Area: 100%
- Hold time: 5 min
- Daylight threshold: Disable
- Stand-by period: 30 min
- Stand-by dimming level: 30%

All settings have to be changed by using the remote.

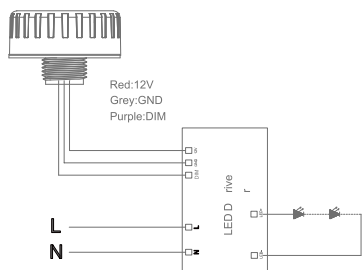
## DETECTION PATTERNS

### Ceiling Mount

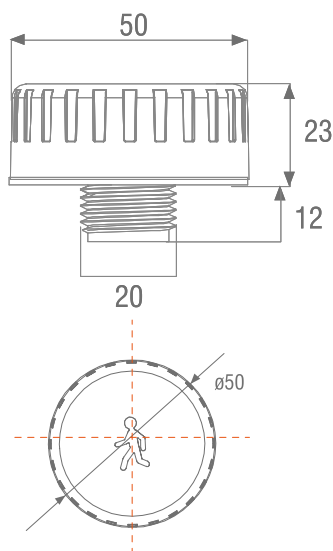


www.eelighting.ca

R210416-1100



Unit: mm

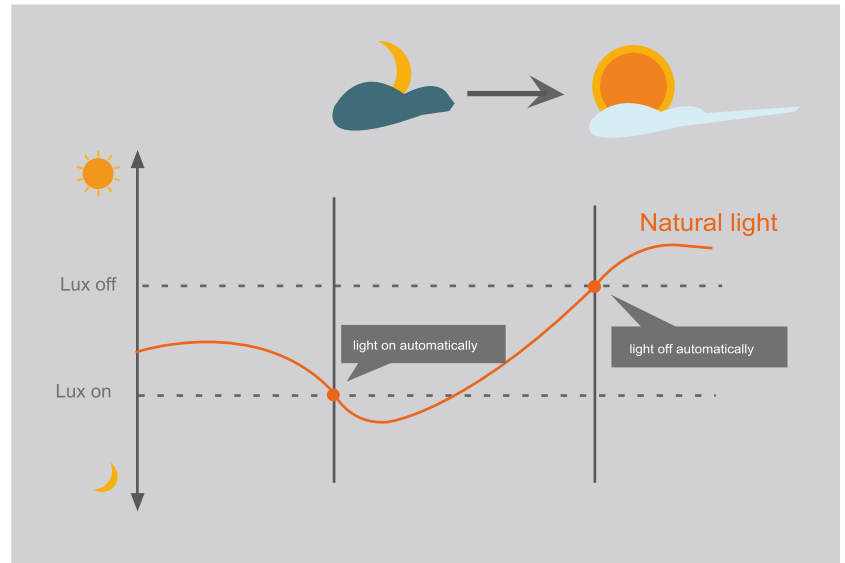


## Lux On/Off

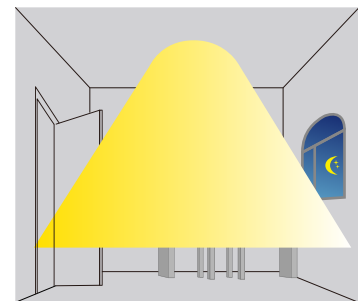
Adopted dual PD technology, the SMF2025 is able to differentiate artificial light brightness from natural light after being installed inside the fixture, and automatically turns off light when ambient brightness exceeds preset lux level.

### Preconditions to use the Lux-off function:

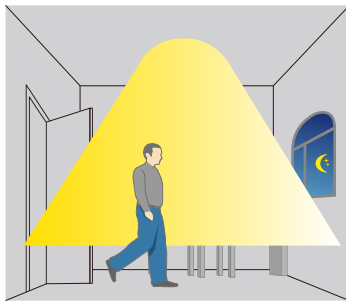
1. Standby period is  $+\infty$ ;
2. Standby dimming level is on 10%, 20% or 30%;
3. Daylight threshold is on 30Lux, 50Lux, 80Lux or 120Lux.



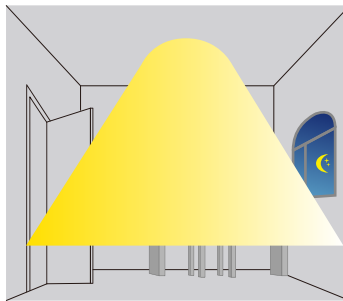
## Application - Lux On/Off



Light automatically turns on when ambient brightness is lower than preset lux level.



With insufficient ambient brightness, light dims to 100% when motion detected.



Light dims to stand-by level if no motion is detected after hold-time.



Light turns off when ambient lux level is higher than preset lux level.

