

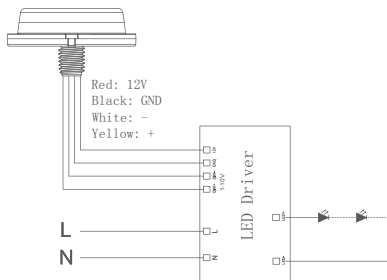
# Microwave Motion Sensor

15M HIGHBAY

GBRK-SEN-06

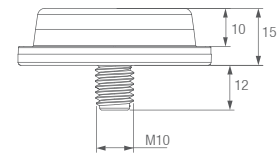
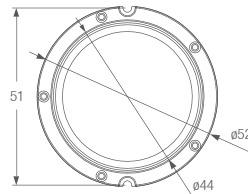


## Wiring diagram

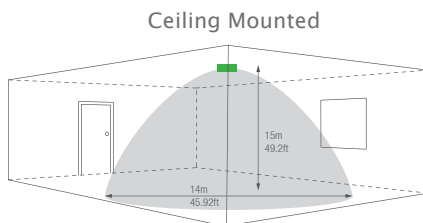


## Dimensions

Unit:mm



## Detection Patterns



## Technical data

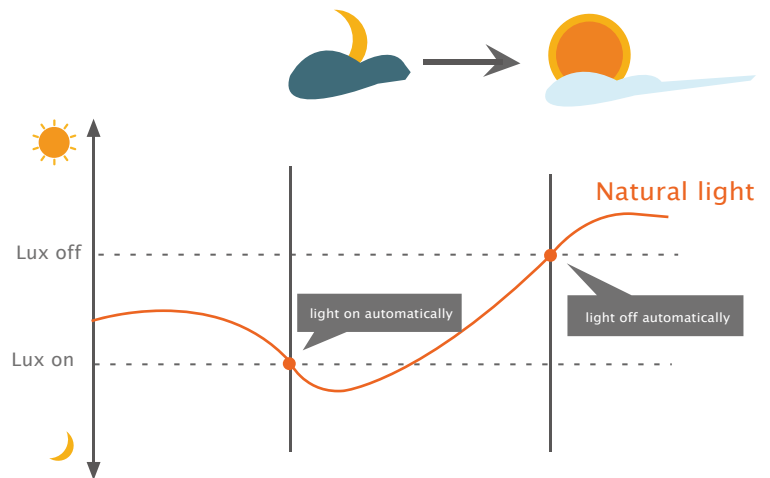
Operating voltage	10-15VDC
Operating current	30mA±5%
Output	DIM 1-10V
Stand-by power	<0.5W
Detection area	25%/50%/75%/100%
Hold time	5s/30s/1min/3min/5min/10min/20min/30min
Daylight threshold	2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable
Stand-by period	0s/10s/30s/1min/5min/10min/30min/+∞
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.3mW
Mounting height	Max.15m/49.2ft
Detection range	Max.14m/45.92ft
Operating temperature	-20°C~+60°C
IP rating	IP20

## Lux on/off

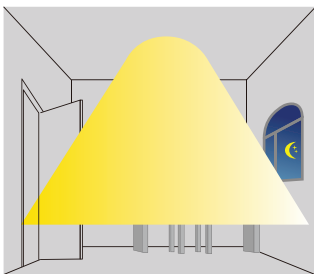
Adopted dual PD technology, it is able to differentiate artificial light brightness from natural light after installed inside the fixture, and automatically turn off light when ambient brightness exceeds preset lux level.

Preconditions to use the Lux-off function:

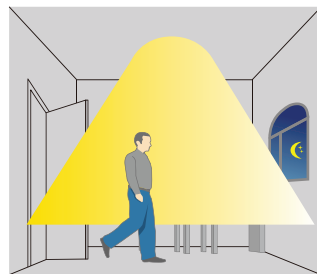
1. Standby period is  $+\infty$ ;
2. Standby dimming level is on 10% or 30%;
3. Daylight threshold is on 30Lux, 50Lux, 80Lux or 120Lux.



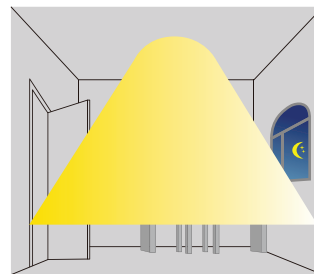
## Application——Lux on/off



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



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



Light dims to standby level if no motion detected after holdtime.



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