

MOTION SENSOR )))

# HiFIVE

## MULTIPURPOSE HIGH BAY

HiFIVE P340 MOTION SENSOR  
Q9T63 | 32 013 12

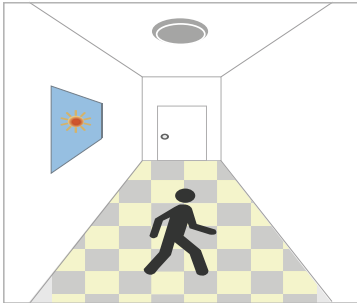
INSTRUCTION MANUAL



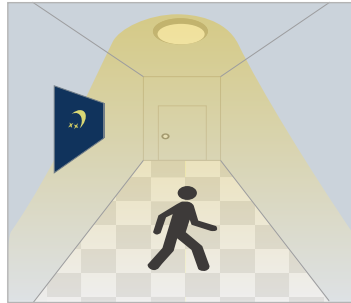
# Application

## 1. Automatically ON/OFF function:

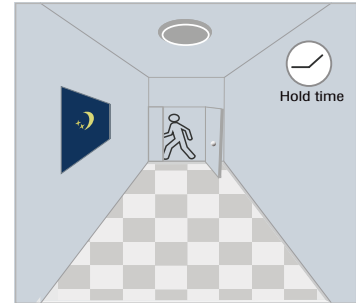
- \* Daylight threshold is on 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/200Lux;
- \* Standby period is 0s; Light on when detect movement and off after people leave at night. Applications: Corridor, Staircase.



With sufficient daylight, even when motion detected, light remains OFF.



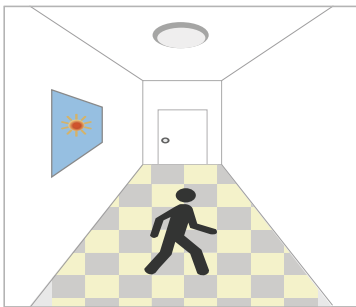
With insufficient daylight, when motion detected, light ON.



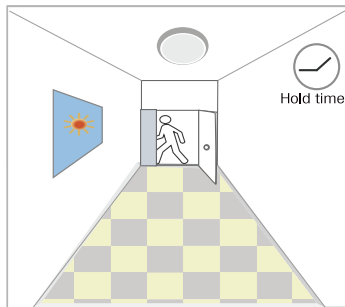
After the last detection and the present hold time elapsed, light OFF.

## 2. No daylight function

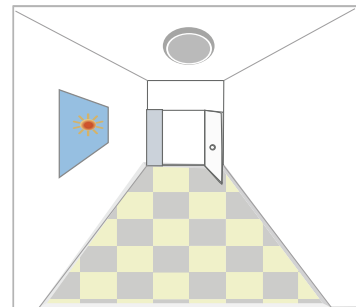
- \* Daylight threshold is on "Disable"; Standby period is on 0s/10s/30s/1 min/5min/10min/30min/60min.
- \* Light on when detect movement, After people leave, Light off after stand-by period.
- \* Stand-by period is set to  $+\infty$ , The light will always remain ON.



When motion is detected, the sensor will switch on the light to 100% brightness.



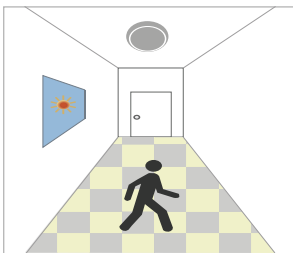
After people leave the detection area, light remains 100% brightness within hold time.



After the last detection and the present hold time elapsed, light OFF.

## 3. Function Demo – Dimmable control/Corridor function

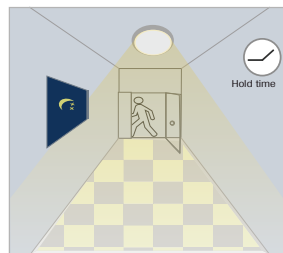
- \* Daylight threshold is on 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/200Lux;
- \* Standby period is on 0s/10s/30s/1 min/5min/10min/30min/60min.
- \* Light on when detect movement and off after people leave at night. Applications: Corridor, Staircase.



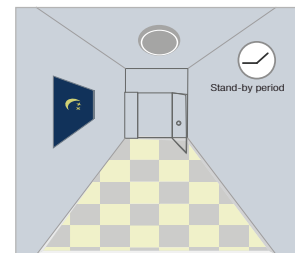
With sufficient daylight, even when motion detected, light remains OFF.



With insufficient daylight, when motion detected, light ON.



After last detection, the light will be dimmed down to the stand-by dimming level (10%, 20%, 30% or 50%) after holdtime.



After the stand-by period, light OFF.

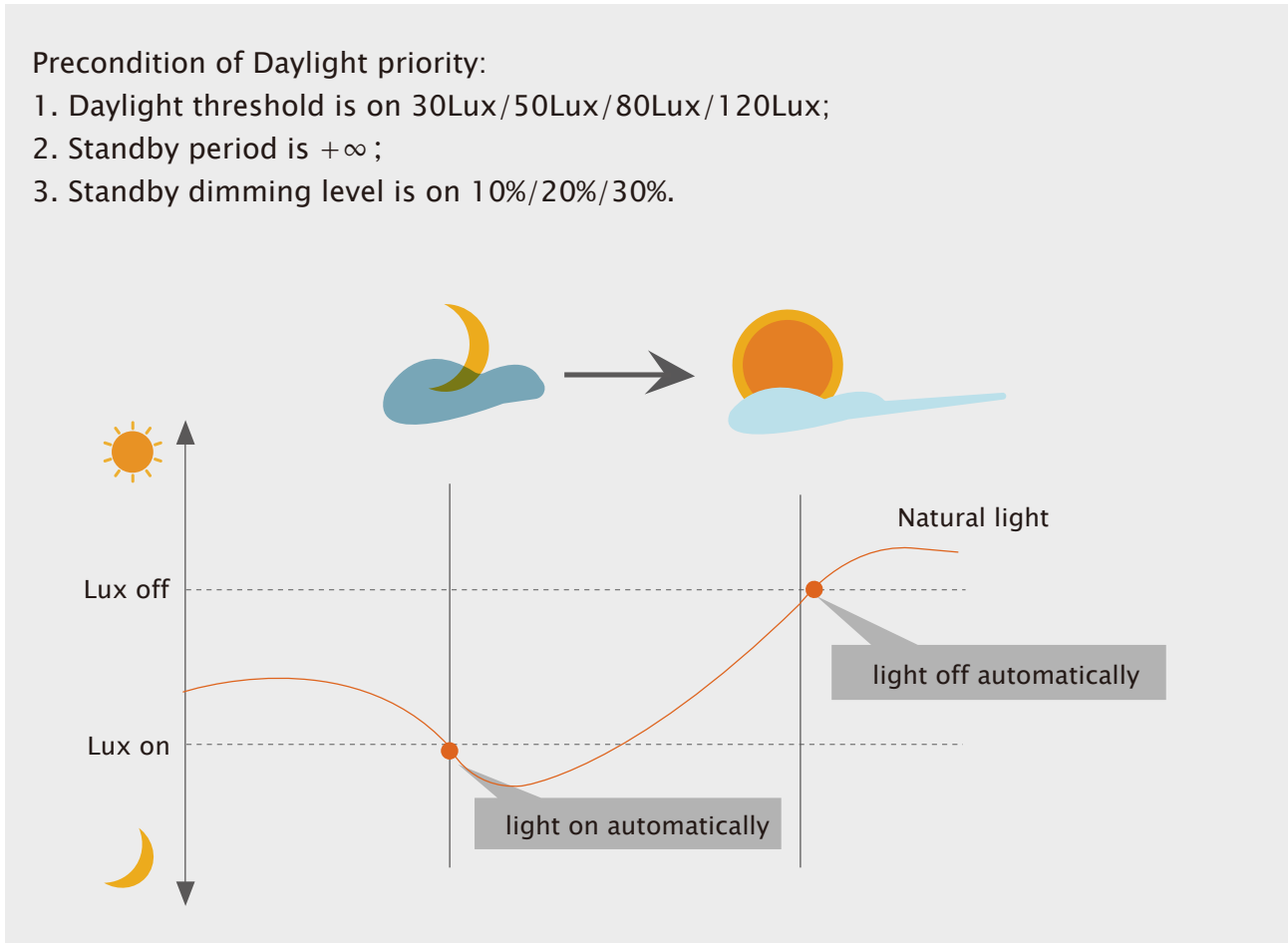
## Daylight Priority

Dusk/Dawn sensor:

Dual-PD technology brings a fully automatic dusk/dawn sensor which can tell the difference between natural light and LED light, to ensure the light will be off when needed.

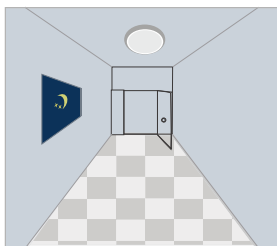
Precondition of Daylight priority:

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



## Application Daylight priority

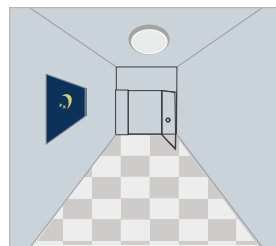
- \* Daylight threshold is on 30Lux/50Lux/80Lux/120Lux;
- \* Standby period is  $+\infty$ ; Standby dimming level is on 10%/20%/30%.



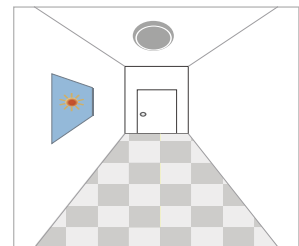
Light automatically on when ambient brightness is lower



With insufficient ambient brightness, light dims to 100%



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



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

# Specification

Input	Voltage	10.5-15V DC (Current Required > 30mA)
	Standby Consumption	< 30mA (Power Consumption)
Output	Dim Output	DIM 1-10V
Daylight Priority Function		Detection area: 120Lux/80Lux/50Lux/30Lux Stand-by period: +∞ Stand-by dimming level: 10%/20%/30%
Sensor Parameters	Detection Area	25%/50%/75%/100%
	Holdtime	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/60min+∞
	Stand-by Dimming Level	10%/20%/30%/50%
	Microwave Frequency	5.8GHz±75MHz
	Microwave Power	< 0.3mW
	Mounting Height	≤ 12m/39.36ft (Ceiling Mounted)
	Detection Range	Max, ∅16m/52.49ft (Ceiling Mounted)
	Motion Detection	0.5~1m/s
Others	Temperature	-20°C~+60°C
	IP Grade	IP65
	Warranty	5 Years
Remark	Factory Default Setting: Detection area 100%/ Hold time 5s/ Daylight threshold Disable/ Stand-by period 0s/Stand-by dimming level 10%.	

## Detection coverage

Typical installation height 8-12m.

This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.

