

# Sensors

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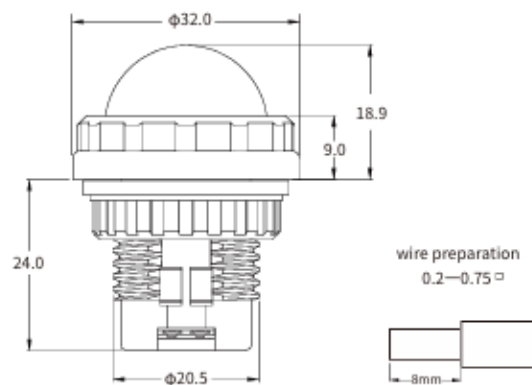
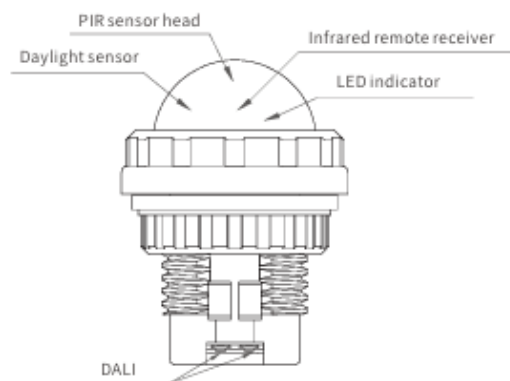


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**Get in touch for a free Demo**

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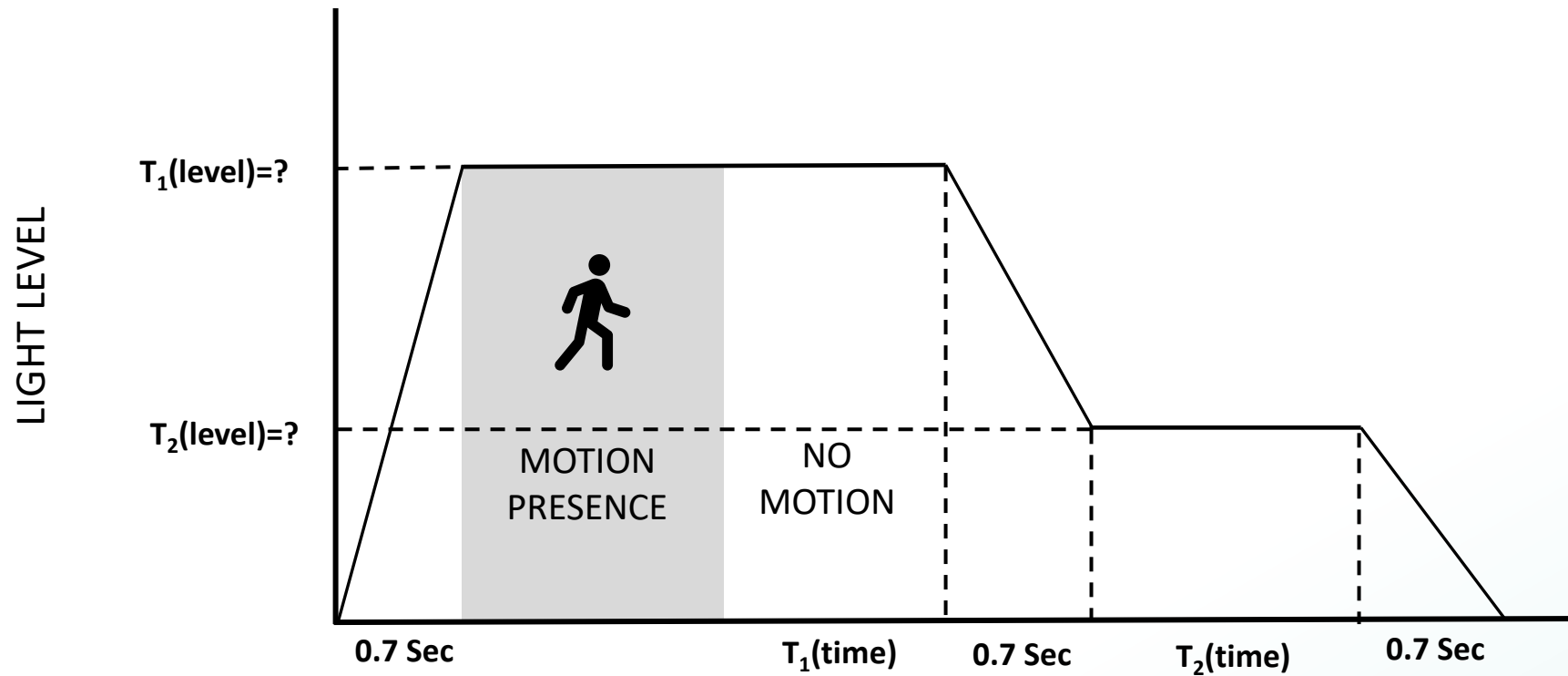
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## DALI PIR Motion Sensor

### Key Features:

- Both DALI & sensor power supply
- Self-contained “application controller”.
- Stand-by current consumption: max. 6mA.
- Daylight sensor lux setting: 10-2,000lux.
- Individual adjustment of parameters with configuration software.
- Constant-Lux control, ideal for office / commercial lighting. Three modes: Input device; PIR & Constant-Lux; Constant-Lux fully compatible with DALI Part 251,252,253 and 351.
- Settings via both DALI Bus and remote control.
- Detection range: max. 6-8m in diameter.
- Mounting height: max. 4m.
- Operation temperature: -10°C ~ +50°C



### Factory Default Settings

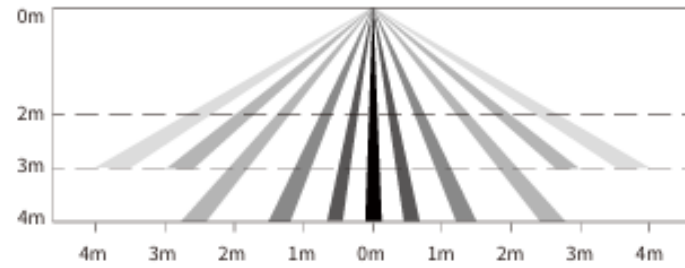
$T_1(\text{level})=100\%$

$T_2(\text{level})=10\%$

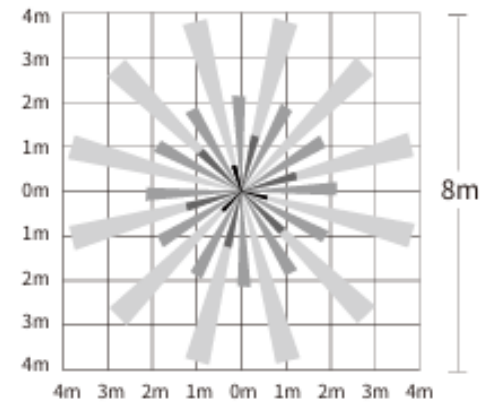
$T_1(\text{time})=90$  Seconds

$T_2(\text{time})= 5$  Mins

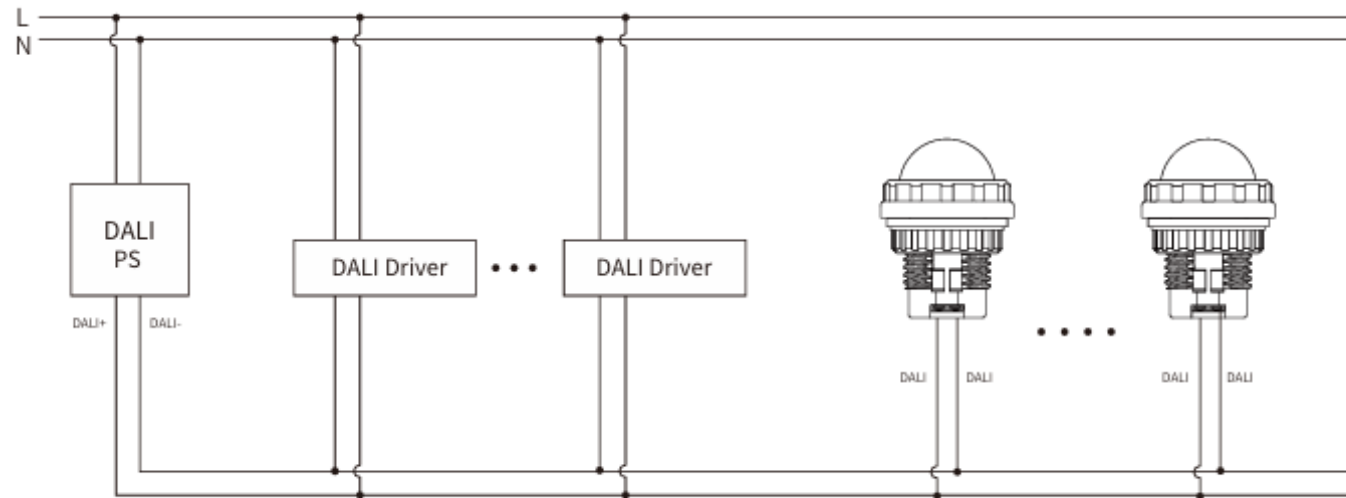
Coverage Side View

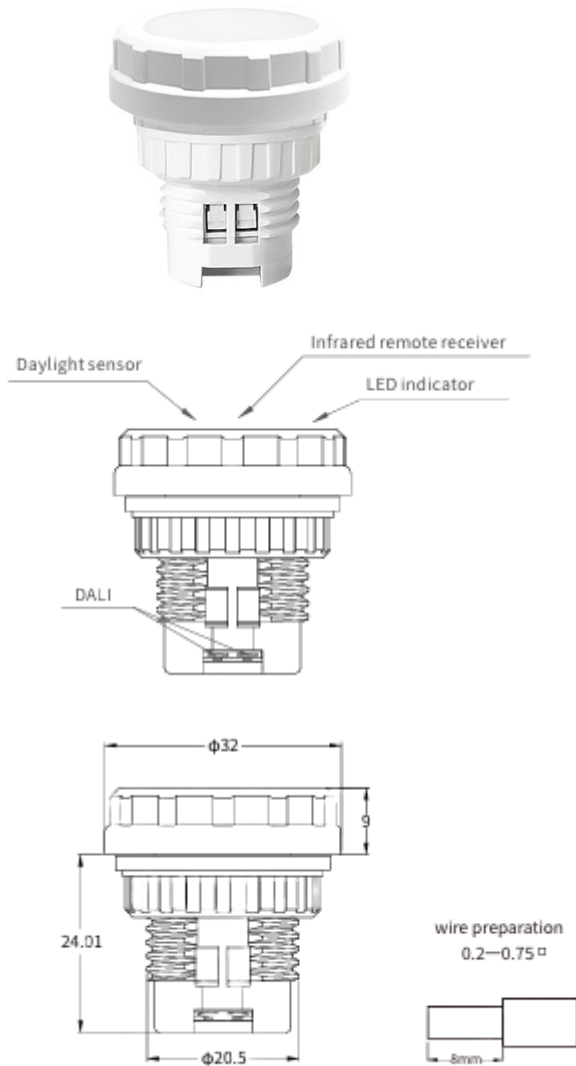


Coverage Top View



- Minor Motion
- Major Motion



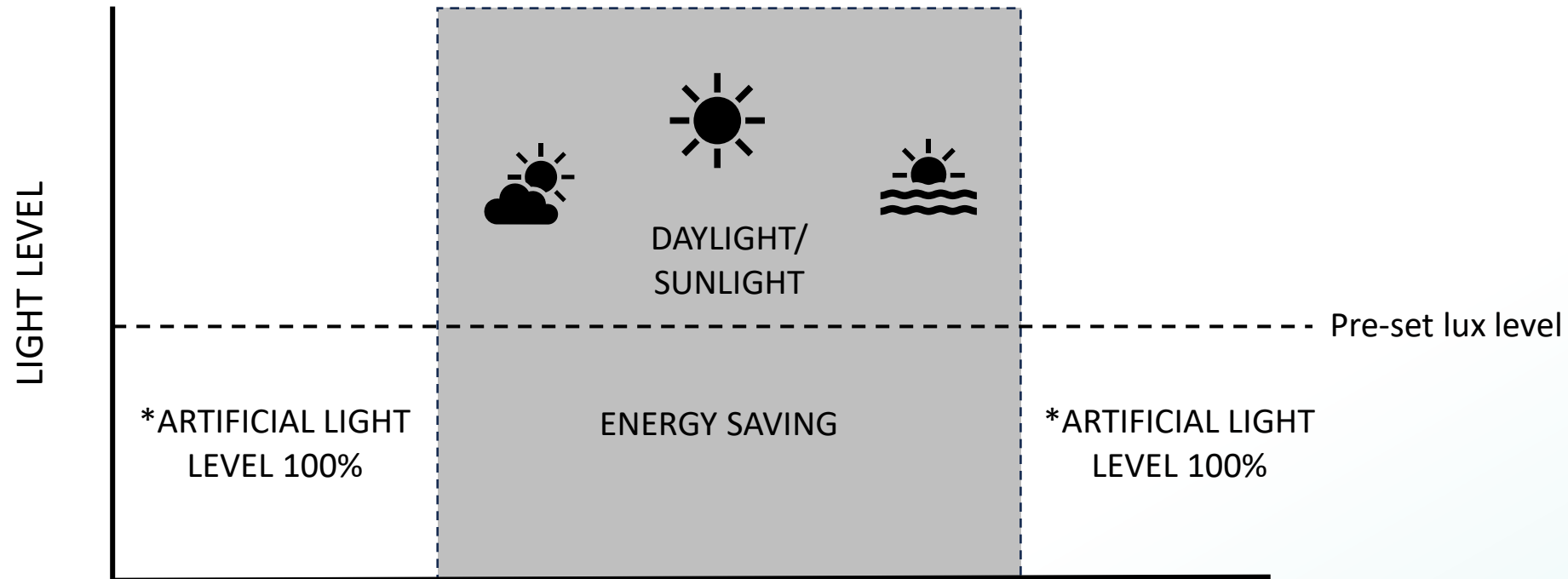


## DALI 2 D4i Lux Sensor

### Key Features:

- Both DALI & sensor power supply.
- Self-contained “application controller”.
- Stand-by current consumption: max. 6mA.
- Daylight sensor lux setting: 10-2,000lux.
- Individual adjustment of parameters with configuration software.
- Constant-Lux control, ideal for office / commercial lighting. Fully compatible with DALI Part 351.
- Settings via both DALI Bus and remote control.
- Default 300lux as lux on threshold.
- Operation temperature:  $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- IP65

# DALI 2 D4i Lux Sensor



## STEP 1

Choose the desired target lux level, the daylight sensor will automatically switch on when surrounding brightness is below the target. If surrounding brightness is over the target, the whole daylight sensor will not work at all.

\* Lux-On sampling time -- 10s

## STEP 2

During operation, the daylight sensor regulates the light output automatically according to the level of surrounding brightness. The natural light goes up, the artificial light goes down; the natural light goes down, the artificial light goes up. In this way to maintain the overall brightness of the whole room around the pre-set lux level.

## STEP 3

The daylight sensor will automatically switch off when the natural light is confirmed sufficient.

\*Lux-Off sampling time -- 30s.