

REPORT

18 Series



finder®

SWITCH TO THE FUTURE

NEW



PIR Movement and presence detector with DALI

Type 18.5D.8.230.0000

Three functions offering:

- **Comfort**

Daylight-linked constant light level control

- **Simplicity**

ON/OFF control with early warning

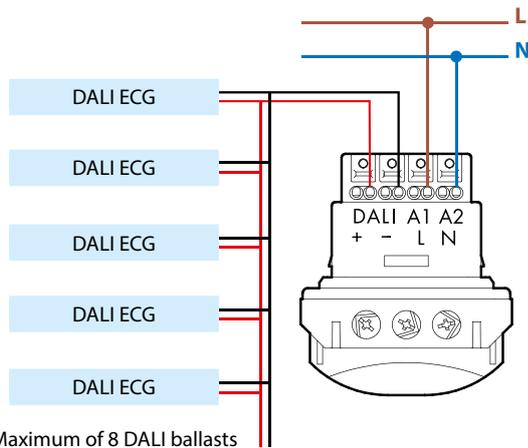
- **Courtesy**

ON/OFF control with early warning + courtesy light level

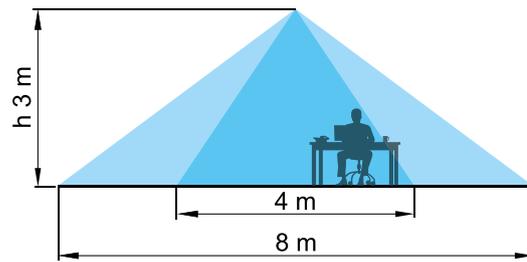
Features

- Three selectable functions: - Daylight-linked constant light level control
 - ON/OFF control with early warning
 - ON/OFF control with early warning + courtesy light level
- Two sensing zones up to 64 m²: - "Presence" zone for areas of low activity (4x4 m);
 - "Movement" zone for transit areas or areas of high activity (8x8 m)
- Applications: offices, schools, zones of low activity

Suitable for direct control of up to 8 DALI lighting ballasts.



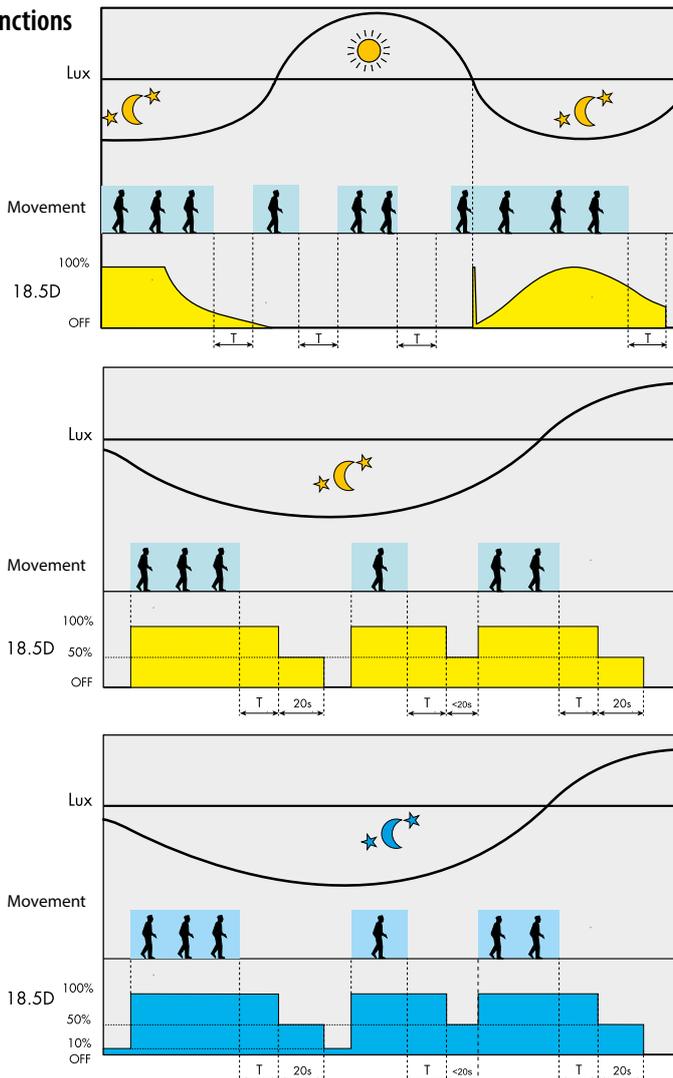
Detection zones (at 3 m height):
Movement 8x8 meters, presence 4x4 meters



Maximum DALI ECG ballasts	8
Supply voltage	110...230 V AC (50/60Hz)
Ambient light intervention threshold	10...800 lx
Turn-off delay	10 s...35 min
Terminals	Push-In
Ambient Temperature Range	-10...+50°C
Mounting	surface or recess



Functions



Comfort - Daylight-linked constant light level control
Adjusts to maintain a constant brightness level considering the detection of movement and the level of daylight - increasing or decreasing the power of the artificial light as appropriate. Suitable for small offices, classrooms or workplaces. This allows considerable energy saving while maintaining a comfortable level of illumination.

Simplicity - ON/OFF control with early warning
Works as a simple movement detector, activating the lamps at 100% power. But provides an early warning of the next shutdown with a power reduction to 50% for 20 seconds. Avoids a sudden total shutdown of lighting.

Courtesy - ON/OFF control with early warning + courtesy light level
If the brightness level is lower than the set value, artificial light is maintained at 10% power, guaranteeing a minimum level of illumination at all times. When movement is detected, the power of the lamps is raised to 100%. There is an early warning of any reduction from the 100% power level by a reduction to 50% for 20 seconds. Suitable for common areas, lobbies, corridors, elevator zones.