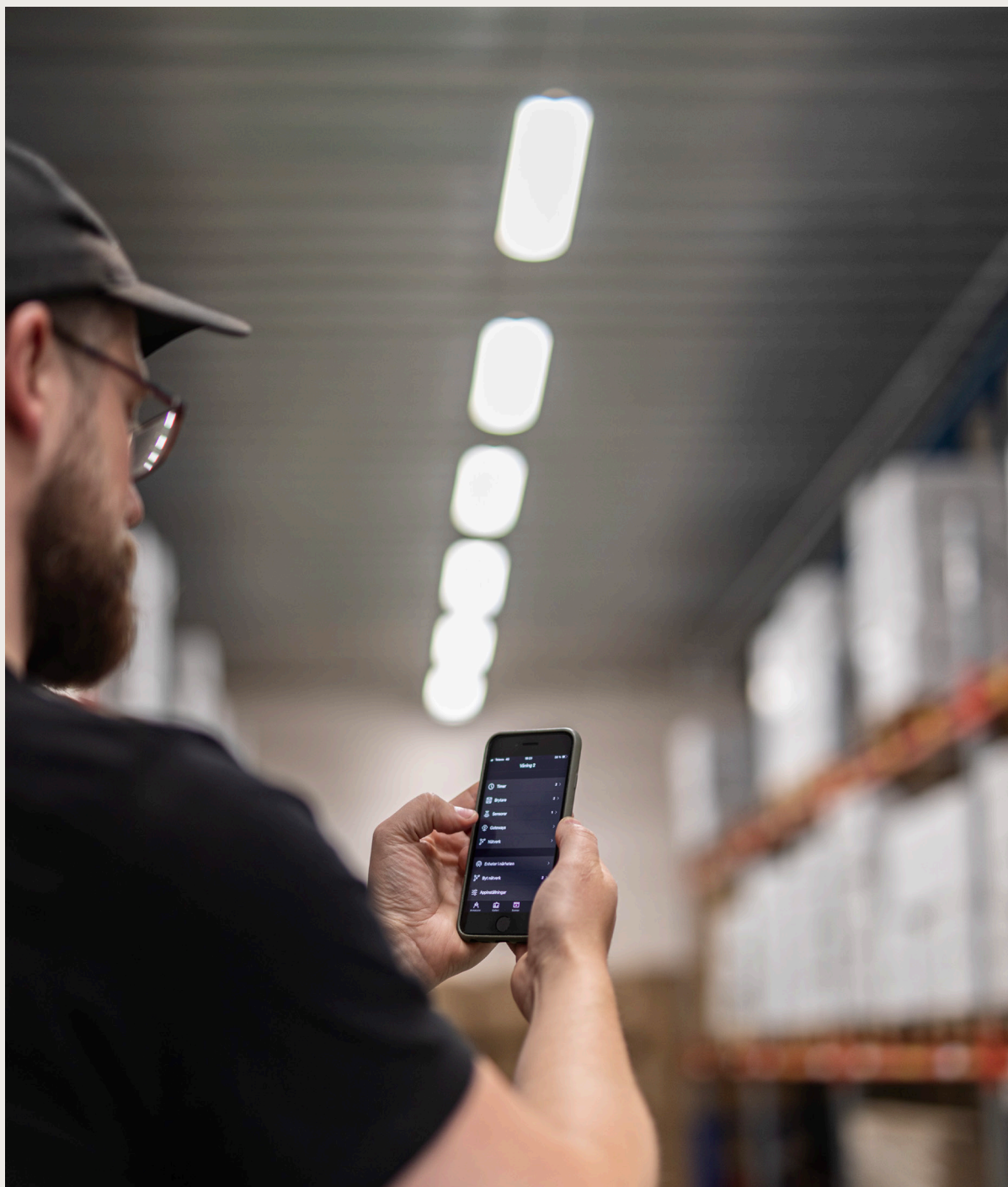




CASAMBI

Control System guide

Sensor control

S1. Office

In this example, we describe an office for one or more occupants. The sensor is configured for presence detection and includes a timer function that switches off the lighting after office hours.

The sensor's built-in relay powers the luminaires above the desks, which can then be controlled individually using pull cords to dim or switch off the light. The sensor's integrated DALI output (80 mA) controls the track lights installed in the 3-phase DALI track.

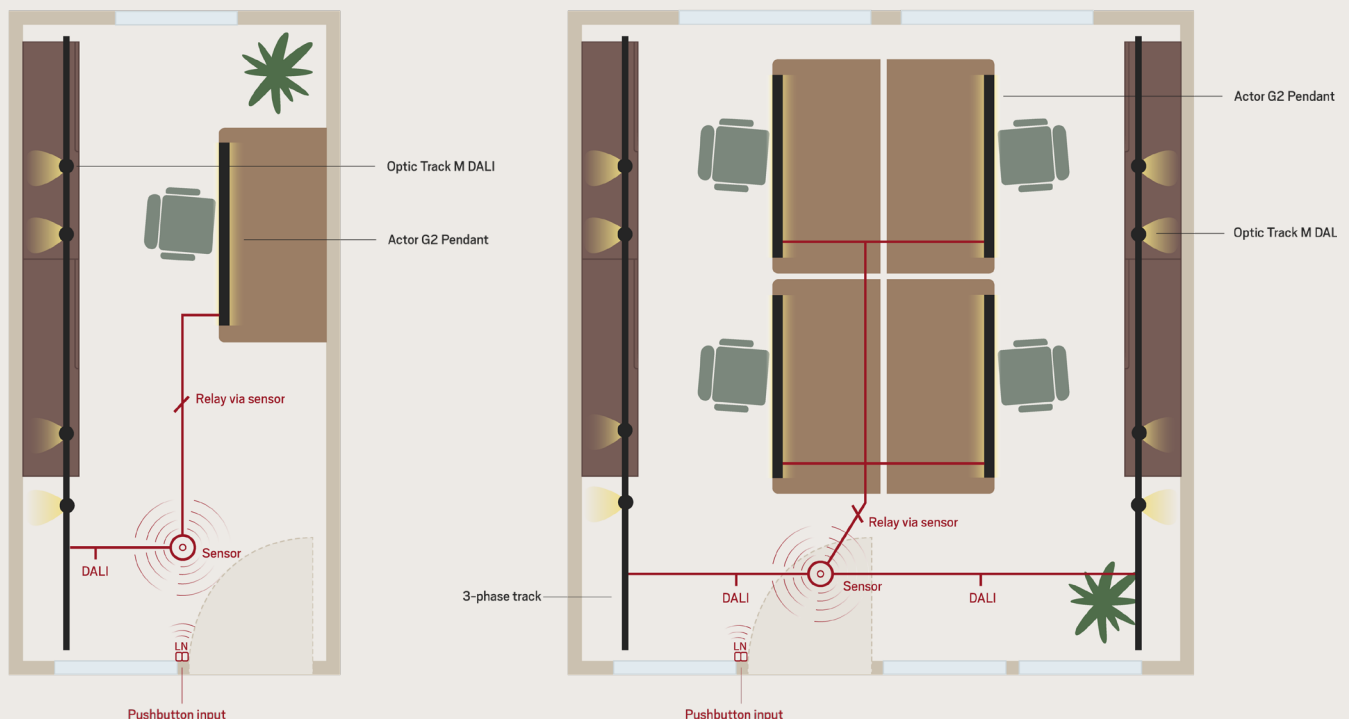
To create different lighting scenarios and adapt the lighting to the number of occupants, an input module is connected to four push buttons that can activate preset scenes, for example:

1. Switch all lighting on and off
2. Dim the track lights up and down
3. Switch the track lights on and off
4. Switch the luminaires above the desks on and off

If required, the sensor can also use a daylight harvesting function to automatically adjust the lighting level according to the available daylight.

Product list:

- Optic Track M DALI 36° Black 3000K, **GTIN 7392971140858**
- Actor G2 Pendant DP Black DIM II, **GTIN 7392971154633**
- Sensor Casambi PIR recessed, **GTIN 7392971153575**
- Push button input Casambi, **GTIN 7392971158853**



Sensor control

S2. Conference room

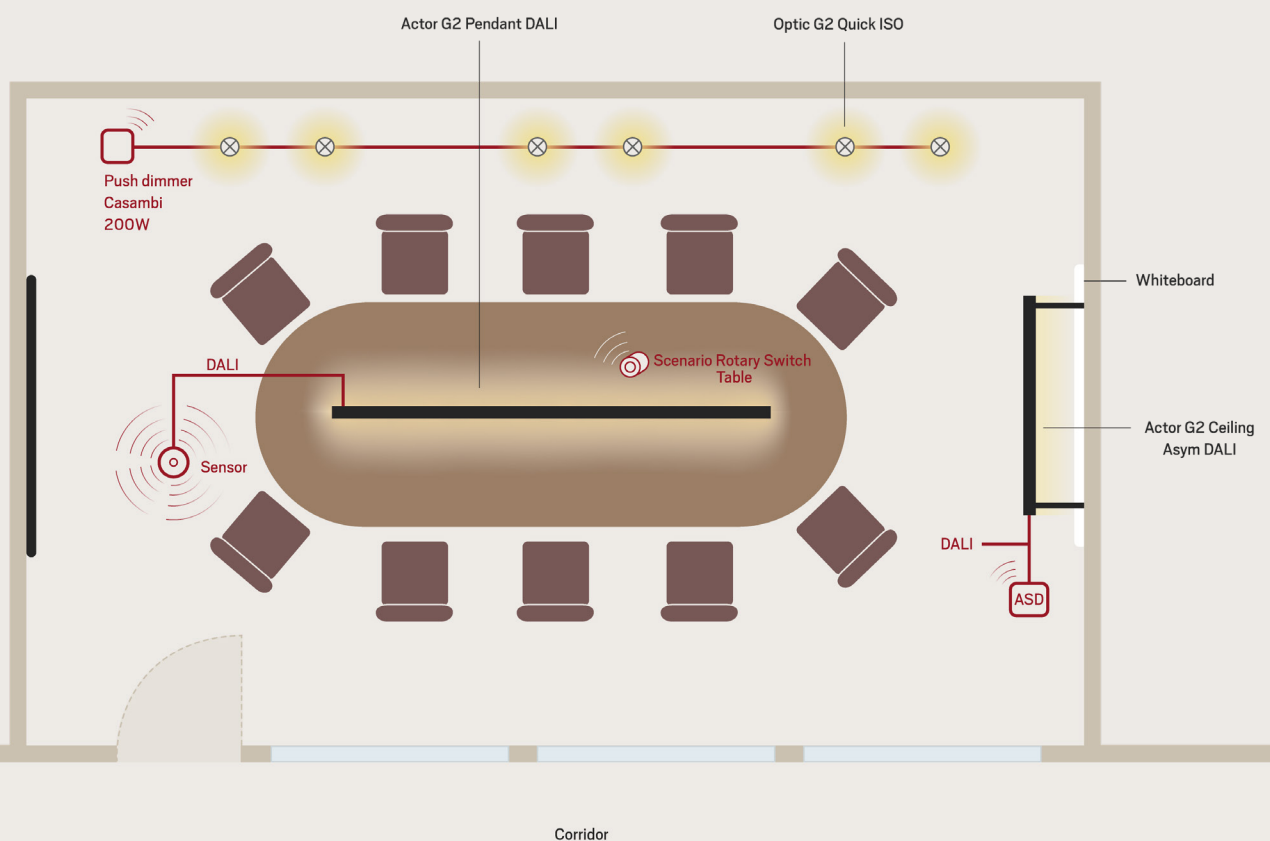
The lighting in the conference room is automatically switched on to 100% by the ceiling-mounted sensor when motion is detected.

A scene selector rotary switch, positioned on the conference table, allows users to choose how the lighting should operate using up to four different scenes.

In this example, the lighting can be adapted for presentation mode at the whiteboard, dimmed lighting, or full light output at 100%.

Product list:

- Optic G2 Quick ISO Vit 3000K, **GTIN 7392971146676**
- Actor G2 Pendant MP Black Casambi PIR **GTIN 7392971154824** + Actor G2 Pendant MP Black DALI/PIR LINK, **GTIN 7392971154824**
- Actor G2 Ceiling Asym Black DALI CLO, **GTIN 7392971155036**
- Sensor Casambi PIR recessed, **GTIN 7392971153575**
- Scenario Rotary Switch Table Casambi Black, **GTIN 7392971158815**
- Push Dimmer Casambi 200W, **GTIN 7392971158761**
- Casambi ASD, **GTIN 7392971156507**



Sensor control

S3. Dining area

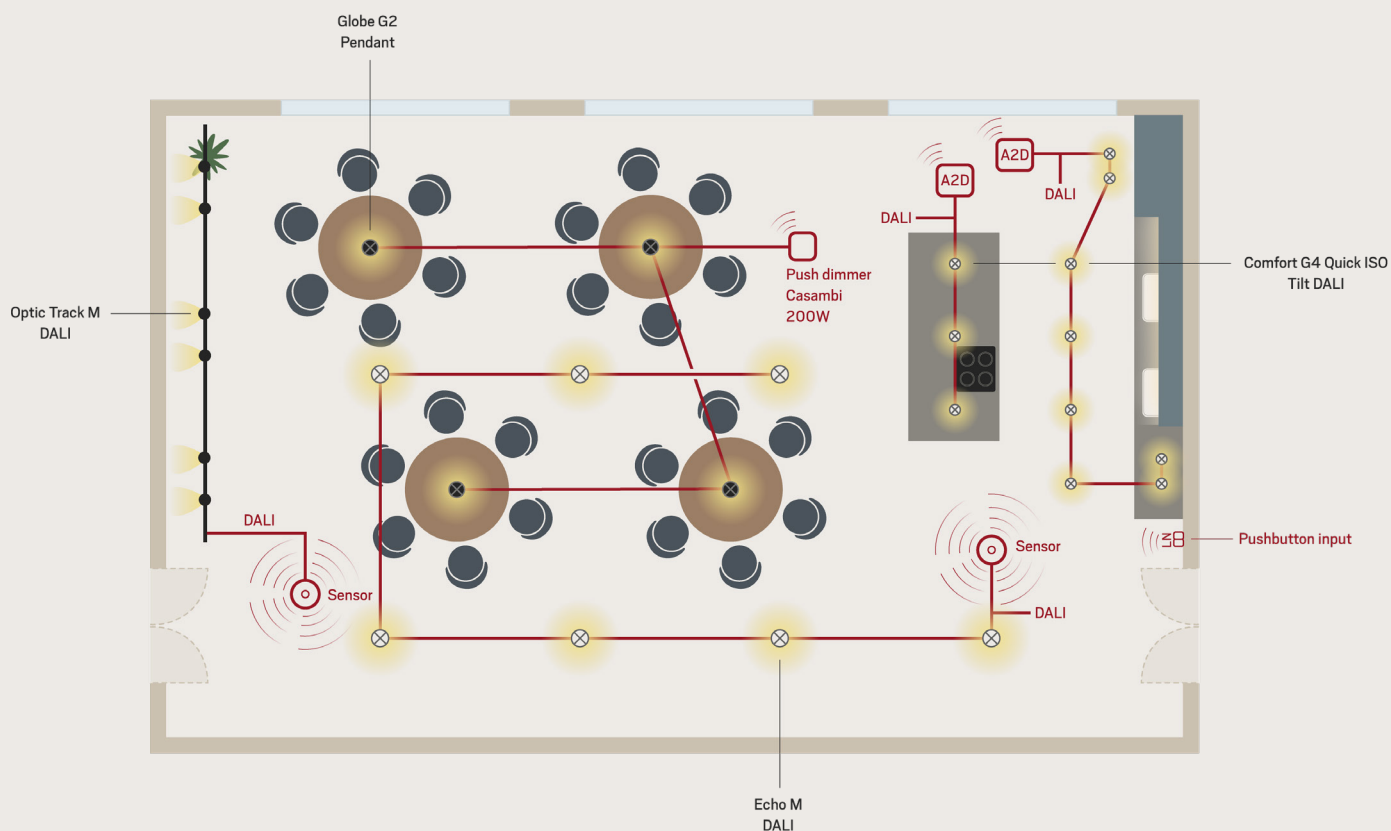
Two entrances/exits to the dining area mean that two sensors are used, one at each passage. A background lighting level of 10% is activated when entering through the main entrance, providing safety and orientation lighting.

When the sensor in the dining area is activated, all lighting is switched on to an appropriate level for the space. A push-button input has also been added to allow the lighting to be adjusted as needed.

In this example, scenes have been created where the general lighting is switched off, while the 3-phase track lighting and suspended luminaires are dimmed to create the desired atmosphere, for example during an early breakfast service.

Product list:

- Comfort G4 Quick ISO Tilt DALI White 36° 3000K, **GTIN 7392971146645**
- Globe G2 Pendant Black 3000K, **GTIN 7392971136288**
- Optic Track M DALI 36° Black 3000K, **GTIN 7392971140858**
- Echo M 215 White DALI, **GTIN 7392971148243**
- Sensor Casambi PIR recessed, **GTIN 7392971153575**
- Push Dimmer Casambi 200W, **GTIN 7392971158761**
- Casambi A2D, **GTIN 7392971156514**
- Push button input Casambi, **GTIN 7392971158853**



Sensor control

S4. Stairwell

In this example, the sensor on Level 1 controls the common areas on Levels 1 and 2. The stairwell maintains a constant background lighting level of 10% to create a comfortable atmosphere during the evening and night.

When the first person enters through the main entrance, the sensor on Level 1 raises the lighting in the stairwell and on Office Floor 1 to 100%, while Office Floor 2 is illuminated to 10%. As the person moves up the stairwell, the sensor on Level 2 activates the lighting on Office Floor 2.

After office hours, a timer reduces the lighting level to 10% on both office floors. After a further preset period, the office floors are switched off completely, while the stairwell returns to its 10% background lighting level.

Product list:

- Moon Slim DALI 380, **GTIN 7392971145372**
- Optic Track M DALI 36° Black 3000K, **GTIN 7392971140858**
- Sensor Casambi PIR recessed, **GTIN 7392971153575**

