Planning example for multi-storey car parks
Intelligent sensor technology for more efficiency

**Sensor-Switched Indoor Light
RS PRO 5800 LED
RS PRO 5850 LED**

45 m

16 m
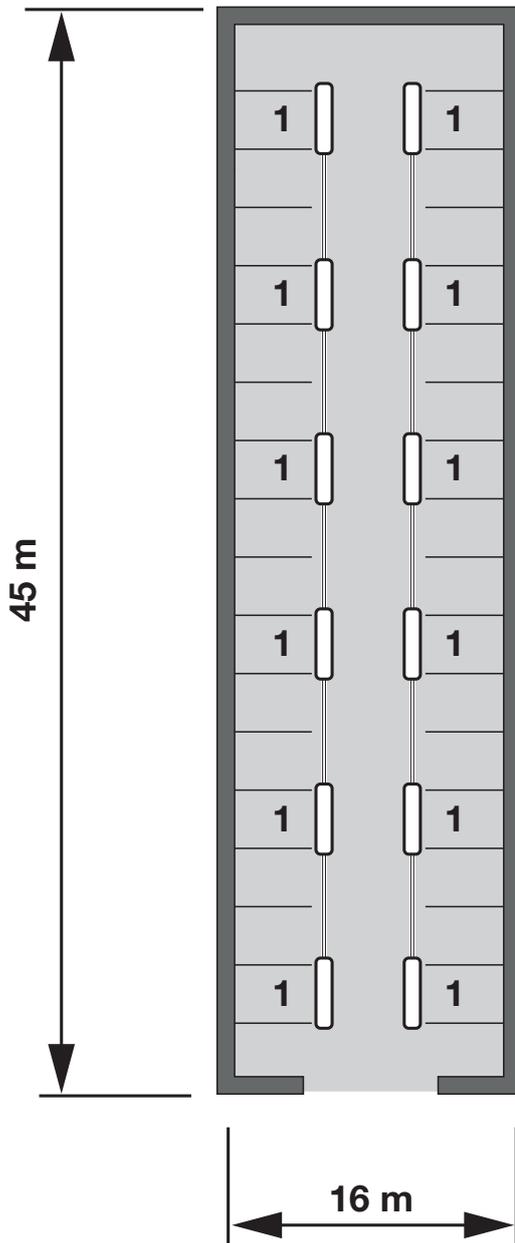
This is how it works

In addition to the HF sensor, this innovative sensor-switched indoor light also comes with a sensor for measuring the ambient light level. The light switches ON in response to detected movements and the level of ambient light that is measured. Areas in which nobody is present are illuminated at a basic light level of 10 – 50 %.

Via the DALI bus (broadcast), the sensor-switched light can be connected to slave luminaires that have no sensor of their own but only a DALI ballast and lamp.
The overall group includes all of the sensor- and slave lights physically connected to the DALI bus.

Multi-storey car park with swarm function.
When the system is in swarm mode, only those lights within directly neighbouring sub-groups are switched ON. This provides the capability of controlling only those lights that are within the direct radius of the detected movement, leaving all of the main group's other lights switched OFF or in basis light-level mode. In this case, lighting "tracks" the person detected.

Legend
1   RS PRO 5800 LED Sensor

1

2
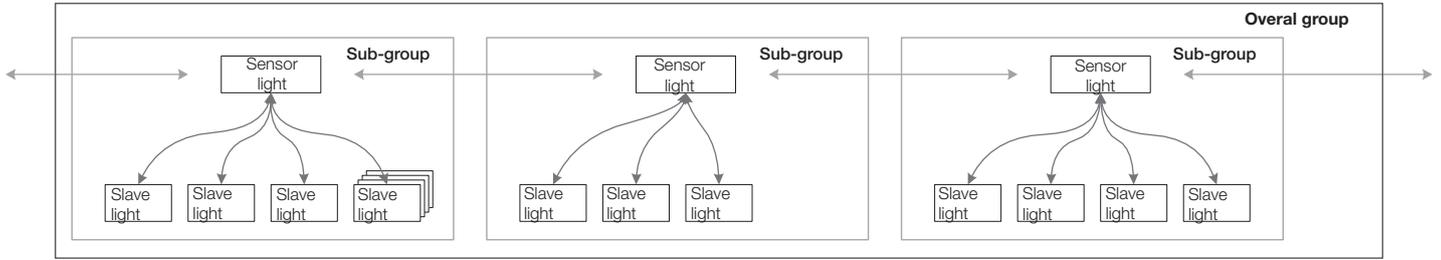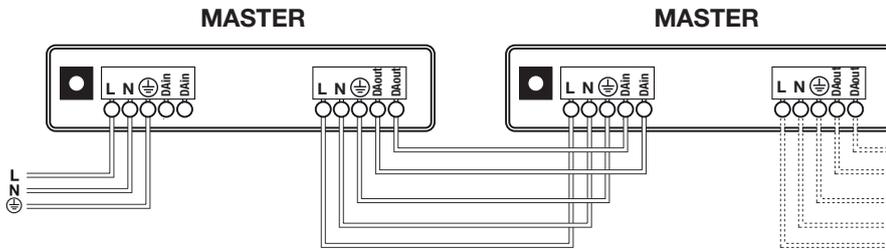
MASTER   MASTER

Legend

1 Interconnecting to create groups (no more than 15 slave luminaires per sub-group)
2 Master/master interconnection
3 Master/slave interconnection

3

Sub-group 1   Further sub-groups

MASTER   SLAVE   MASTER
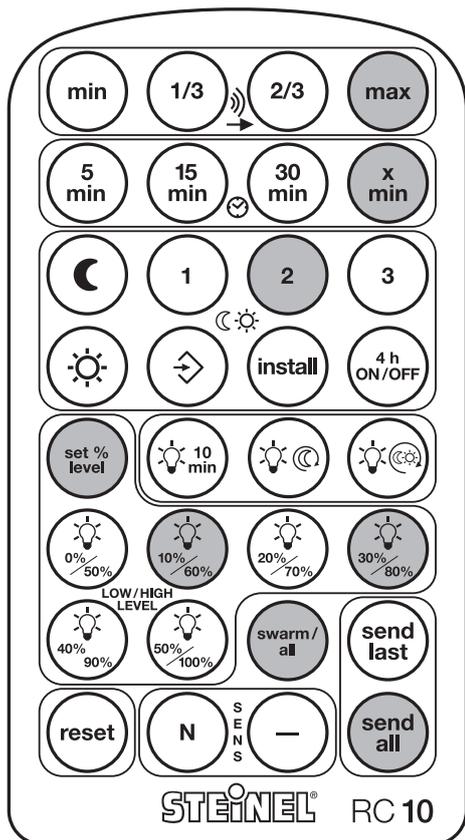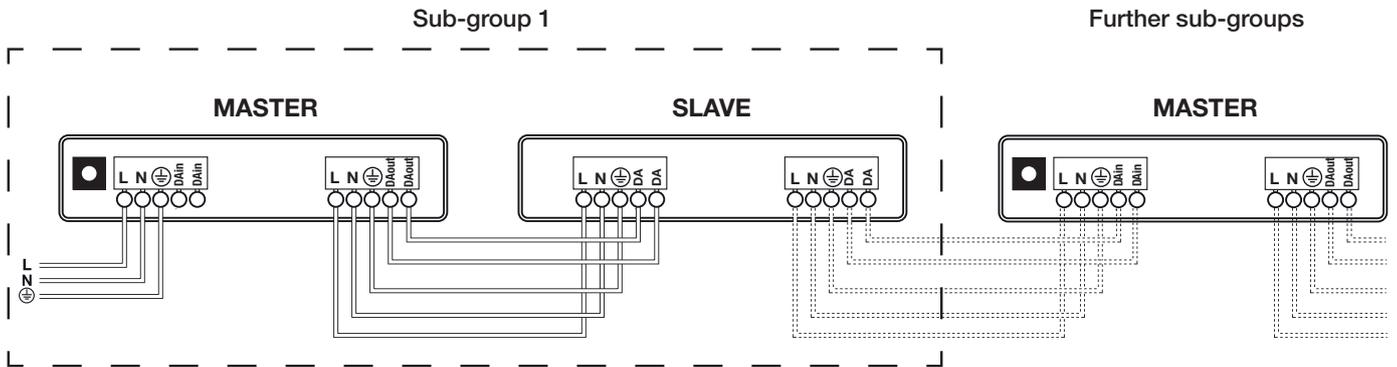
Optional setting capability with remote control RC 10

The new Remote-Group Setting function minimises the effort involved in setting your lights. All settings can be transmitted by remote control to all other lights.

- Reach = Max.
- Stay-ON time = 2 min. (press "x min" button twice)
- Twilight setting = 2 (standard 75 lux on aisles)
- Basic light level = 10 %
- Main light level = 80 % (for multi-storey car park)
- Swarm function = ON
- Transmit settings to all lights (Remote-Group Setting function)

Product versions
– RS PRO 5800 LED (40 watts, 4600 lumens)
– RS PRO 5850 LED (52 watts, 5820 lumens)

Take advantage of our free planning service with PROLog, DIALux and Relux.

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