



siteco

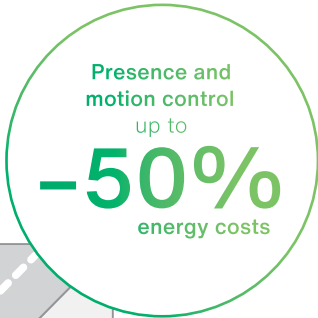
Daylight utilization  
up to  
**-30%**  
energy costs

Presence and  
motion control  
up to  
**-50%**  
energy costs

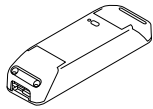
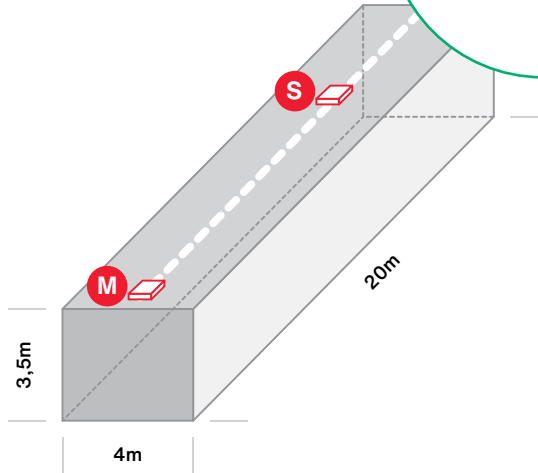
# Lighting control in logistics.

Local control solutions with SITECO Connect sensors.

# Refurbishment example for storerooms and corridors



Mounting height = 2 m to 4 m



## M Master function

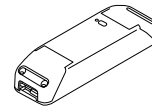
### Autonomous, local control system

- Full intelligence in the controller without master components
- Simple commissioning without programming knowledge
- Integrated DALI power supply

### Control for motion and daylight

- Needs-based, intelligent light
- Energy savings up to 70%\*
- Accelerated amortization

\* Savings depend on structural conditions and usage behavior



## S Slave function

### Expansion of area

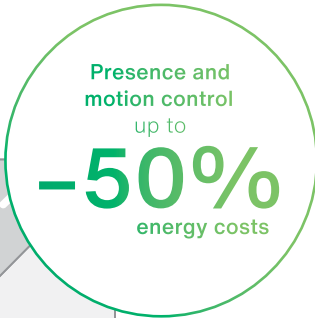
- Extend the detection range
- Control for movement
- Directly connect to DALI

### Individual components: storerooms and corridors

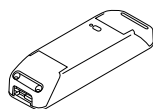
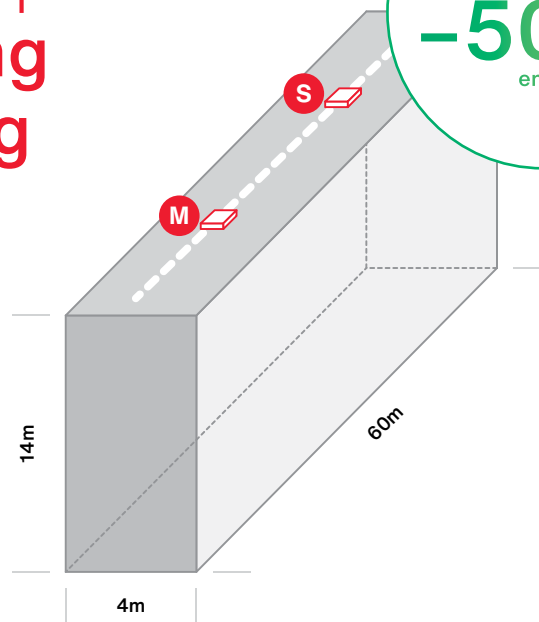
### Order number

|                          |                                                         | Order number |
|--------------------------|---------------------------------------------------------|--------------|
|                          | <b>Sensor interfaces MD</b>                             |              |
|                          | Licross sensor interface MD                             | 56TL1FCMA    |
|                          | Modario sensor interface MD                             | 5TR305FCMA   |
| <b>M Master function</b> | DUS sensor interface master (planned type)              | 5LJ905FCMA   |
|                          | Ceiling surface mounting – external sensor interface MD | 59US1FCMA    |
|                          | <b>Sensor heads M</b>                                   |              |
|                          | Corridor, sensor head PR1-M                             | 59US1HXMPR1A |
|                          | <b>Sensor interfaces S</b>                              |              |
|                          | Licross sensor interface S                              | 56TL1FCSA    |
|                          | Modario sensor interface S                              | 5TR305FCSA   |
| <b>S Slave function</b>  | DUS sensor interface S (planned type)                   | 5LJ905FCSA   |
|                          | Ceiling surface mounting – external sensor interface S  | 59US1FCSA    |
|                          | <b>Sensor heads S</b>                                   |              |
|                          | Corridor, sensor head PR1-S                             | 59US1HXSPR1A |
| <b>Accessories</b>       | Smart Remote for commissioning                          | 59UC3RCA     |

# Refurbishment example for shelf warehousing and high-bay racking



Mounting height = 4 m to 14 m



## M Master function

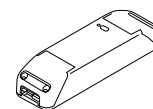
### Autonomous, local control system

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\* Savings depend on structural conditions and usage behavior



## S Slave function

### Expansion of area

- Extend the detection range
- Control for movement
- Directly connect to DALI

## Individual components for shelf warehousing and high-bay racking

## Order number

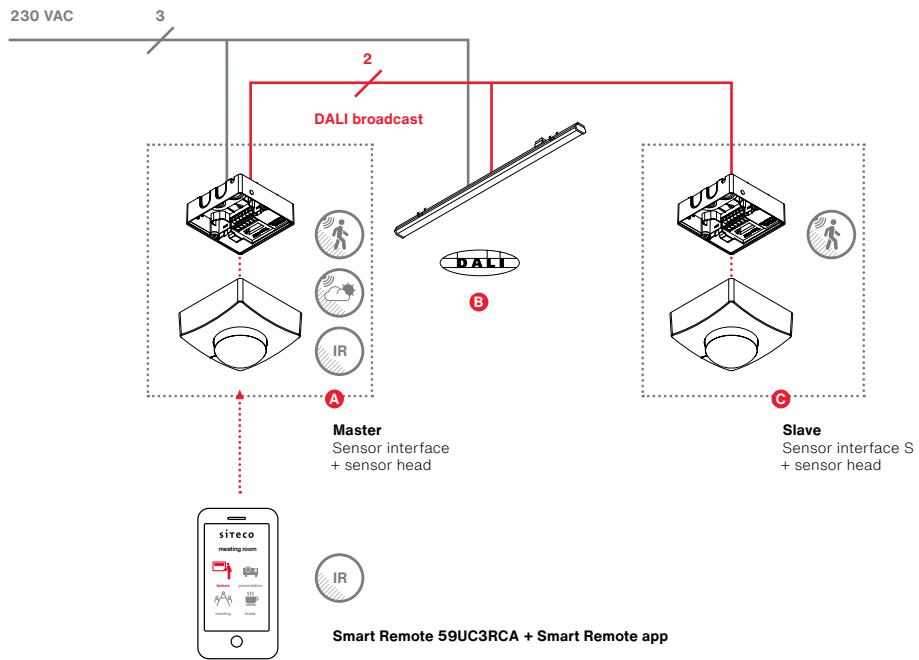
| Individual components for shelf warehousing and high-bay racking |                                                           | Order number |
|------------------------------------------------------------------|-----------------------------------------------------------|--------------|
| <b>M Master function</b>                                         | <b>Sensor interfaces MD</b>                               |              |
|                                                                  | Licross sensor interface MD                               | 56TL1FCMA    |
|                                                                  | Modario sensor interface MD                               | 5TR305FCMA   |
|                                                                  | DUS sensor interface master (planned type)                | 5LJ905FCMA   |
|                                                                  | Ceiling surface mounting – external sensor interface MD   | 59US1FCMA    |
| <b>S Slave function</b>                                          | <b>Sensor heads M</b>                                     |              |
|                                                                  | Shelf warehousing and high-bay racking, sensor head PR2-M | 59US1HXMPR2A |
|                                                                  | <b>Sensor interfaces S</b>                                |              |
|                                                                  | Licross sensor interface S                                | 56TL1FCSA    |
|                                                                  | Modario sensor interface S                                | 5TR305FCSA   |
| DUS sensor interface S (planned type)                            | 5LJ905FCSA                                                |              |
| Ceiling surface mounting – external sensor interface S           | 59US1FCSA                                                 |              |
| <b>Accessories</b>                                               | <b>Sensor heads S</b>                                     |              |
|                                                                  | Shelf warehousing and high-bay racking, sensor head PR2-S | 59US1HXSPR2A |
|                                                                  | Smart Remote for commissioning                            | 59UC3RCA     |

# As easy as it gets.

Perfectly matched, professional-quality components ensure smooth sailing:  
All products are easy to expand and put into operation in no time at all.

### Example

The diagram shows the wiring for external sensors.  
Caution: Licross 11/21, Modario 31 and Highbay differ.  
You can find more information in the respective installation instructions.



### System size

|                   |      |      |      |      |
|-------------------|------|------|------|------|
| <b>DALI ECG B</b> | ≤ 30 | ≤ 27 | ≤ 24 | ≤ 21 |
| <b>Master A</b>   | 1    | 1    | 1    | 1    |
| <b>Slave C</b>    | 1    | 2    | 3    | 4    |

### Your advantages:

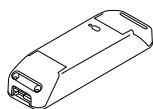
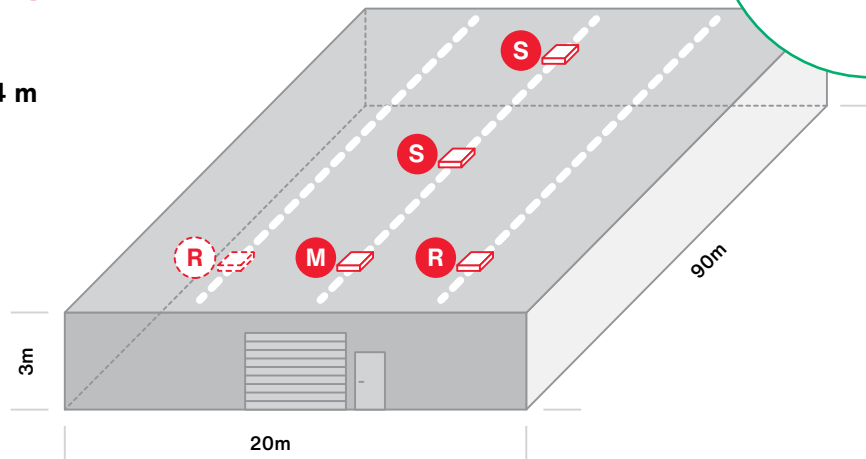
- Simple, time-saving system commissioning without DALI programming knowledge
- When defective luminaires are replaced, DALI broadcast addressing automatically brings new luminaires online with no programming needed

The above illustration is only as an example of a circuit diagram for a light management system. For specific applications, individual planning (in particular for cable and circuit dimensioning, types of cables, fire barriers, routing, etc.) by qualified personnel is essential. Siteco GmbH assumes no liability for the correctness of the above representation.

# Refurbishment example for shipping areas

Presence and motion control up to **-50%** energy costs

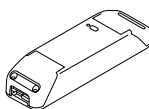
Mounting height = 2 m to 4 m



### M Master function

**Autonomous, local control system**

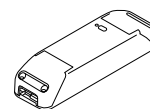
- Full intelligence in the controller without master components
- Simple commissioning without programming knowledge
- Integrated DALI power supply



### S Slave function

**Expansion of area**

- Extend the detection range
- Control for movement
- Directly connect to DALI



### R Repeater function

**DALI line extension**

- Increase in the number of control units
- Extension of the cable length by 300 m
- Your own DALI subcircuit possible
- Control over broadcast address
- Switch and dim push-button input

**Individual components for shipping areas, low height**

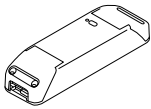
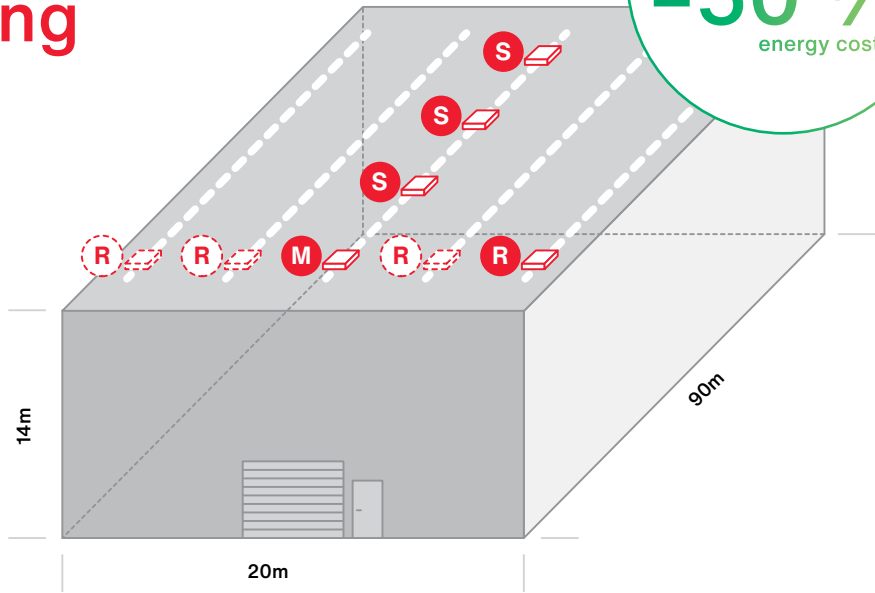
**Order number**

|                          |                                                         | Order number |
|--------------------------|---------------------------------------------------------|--------------|
|                          | <b>Sensor interfaces MD</b>                             |              |
|                          | Licross sensor interface MD                             | 56TL1FCMA    |
|                          | Modario sensor interface MD                             | 5TR305FCMA   |
| <b>M Master function</b> | DUS sensor interface master (planned type)              | 5LJ905FCMA   |
|                          | Ceiling surface mounting – external sensor interface MD | 59US1FCMA    |
|                          | <b>Sensor heads M</b>                                   |              |
|                          | Shipping area, low height, sensor head PC1-M            | 59US1HXMPC1A |
|                          | <b>Sensor interfaces S</b>                              |              |
| <b>S Slave function</b>  | Licross sensor interface S                              | 56TL1FCSA    |
|                          | Modario sensor interface S                              | 5TR305FCSA   |
|                          | DUS sensor interface S (planned type)                   | 5LJ905FCSA   |
|                          | Ceiling surface mounting – external sensor interface S  | 59US1FCSA    |
|                          | <b>Sensor heads S</b>                                   |              |
|                          | Shipping area, low height, sensor head PC1-S            | 59US1HXSPC1A |
| <b>Accessories</b>       | Smart Remote for commissioning                          | 59UC3RCA     |
|                          | Repeater for luminaire installation                     | 5LZ904002    |
|                          | Licross repeater                                        | 56TL1CRM0B   |

# Refurbishment example for shipping areas

Presence and motion control up to **-50%** energy costs

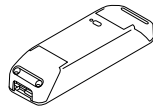
Mounting height = 5 m to 14 m



### M Master function

#### Autonomous, local control system

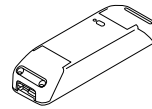
- Full intelligence in the controller without master components
- Simple commissioning without programming knowledge
- Integrated DALI power supply



### S Slave function

#### Expansion of area

- Extend the detection range
- Control for movement
- Directly connect to DALI



### R Repeater function

#### DALI line extension

- Increase in the number of control units
- Extension of the cable length by 300 m
- Your own DALI subcircuit possible
- Control over broadcast address
- Switch and dim push-button input

#### Individual components for shipping areas, high height

#### Order number

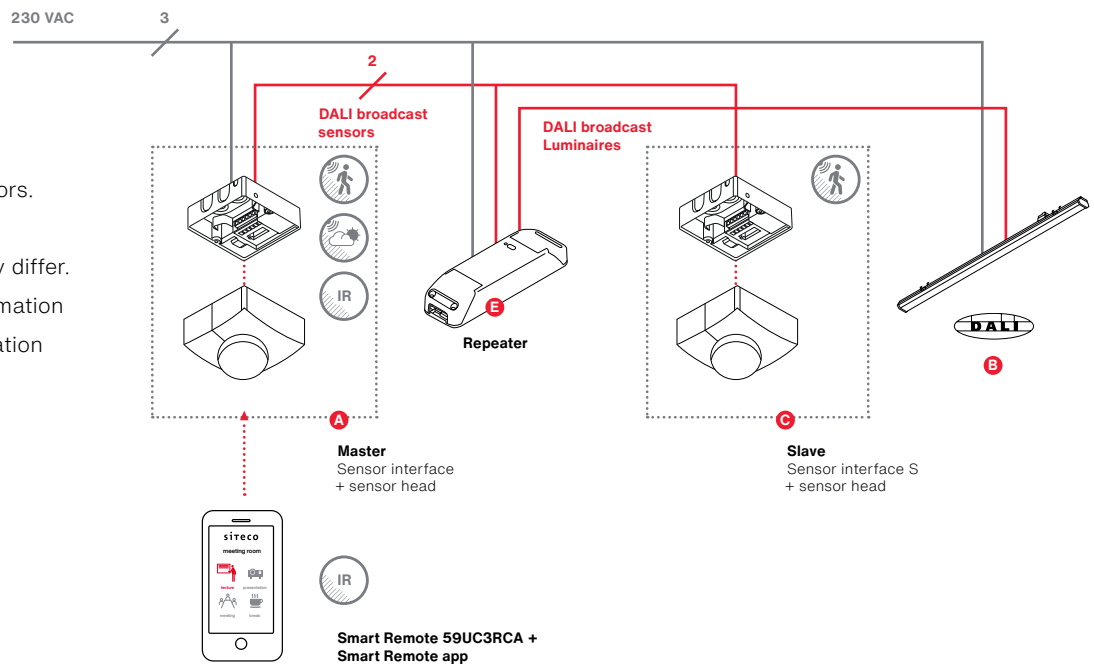
|                          |                                                         | Order number |
|--------------------------|---------------------------------------------------------|--------------|
| <b>M Master function</b> | <b>Sensor interfaces MD</b>                             |              |
|                          | Licross sensor interface MD                             | 56TL1FCMA    |
|                          | Modario sensor interface MD                             | 5TR305FCMA   |
|                          | DUS sensor interface master (planned type)              | 5LJ905FCMA   |
|                          | Ceiling surface mounting – external sensor interface MD | 59US1FCMA    |
|                          | <b>Sensor heads M</b>                                   |              |
|                          | Shipping area, high height, sensor head PC5-M           | 59US1HXMP5A  |
| <b>S Slave function</b>  | <b>Sensor interfaces S</b>                              |              |
|                          | Licross sensor interface S                              | 56TL1FCSA    |
|                          | Modario sensor interface S                              | 5TR305FCSA   |
|                          | DUS sensor interface S (planned type)                   | 5LJ905FCSA   |
|                          | Ceiling surface mounting – external sensor interface S  | 59US1FCSA    |
|                          | <b>Sensor heads S</b>                                   |              |
|                          | Shipping area, high height, sensor head PC5-S           | 59US1HXSP5A  |
| <b>Accessories</b>       | Smart Remote for commissioning                          | 59UC3RCA     |
|                          | Repeater for luminaire installation                     | 5LZ904002    |
|                          | Licross repeater                                        | 56TL1CRM0B   |

# System expansion with DALI repeater? No problem!

**Simple commissioning without DALI programming knowledge.**

### Example

The diagram shows the wiring for external sensors.  
Caution: Licross 11/21, Modario 31 and Highbay differ. You can find more information in the respective installation instructions.



### System size

|                   |               |      |
|-------------------|---------------|------|
| <b>Master A</b>   |               | 1    |
| <b>Slave C</b>    | 0 1 2 3 4 5 6 |      |
| <b>Repeater E</b> |               | 1    |
| <b>DALI ECG B</b> |               | ≤ 64 |

### Your advantages:

- Simple, time-saving system commissioning without DALI programming knowledge
- When defective luminaires are replaced, DALI broadcast addressing automatically brings new luminaires online with no programming needed

The above illustration is only as an example of a circuit diagram for a light management system. For specific applications, individual planning (in particular for cable and circuit dimensioning, types of cables, fire barriers, routing, etc.) by qualified personnel is essential. Siteco GmbH assumes no liability for the correctness of the above representation.

# Effortlessly put lighting into operation and control it with ease

## The choice is yours.

Effortlessly switch, dim and select scenes. It's easy using the on-site push button or the intuitive app on a smartphone or touch panel.



## Everything is adaptable.

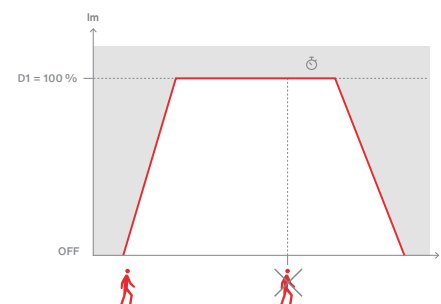
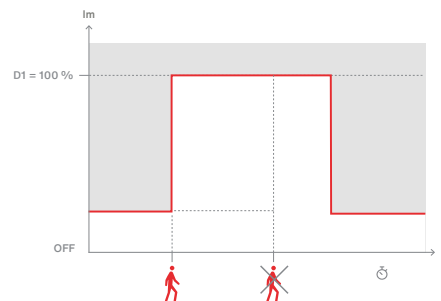
Preconfigured scenes can be easily and intuitively adjusted. Storing time schedules, authorizations and user profiles can also be done quickly if they are required.

# Contact.

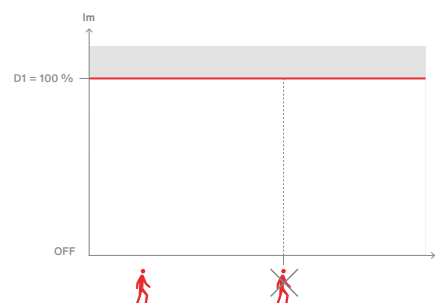
## Siteco GmbH

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info@siteco.de

siteco.com



**Fully automatic operation:**  
motion-dependent lighting control



**Maintenance and inventory function active:** Light fully always on, sensors deactivated