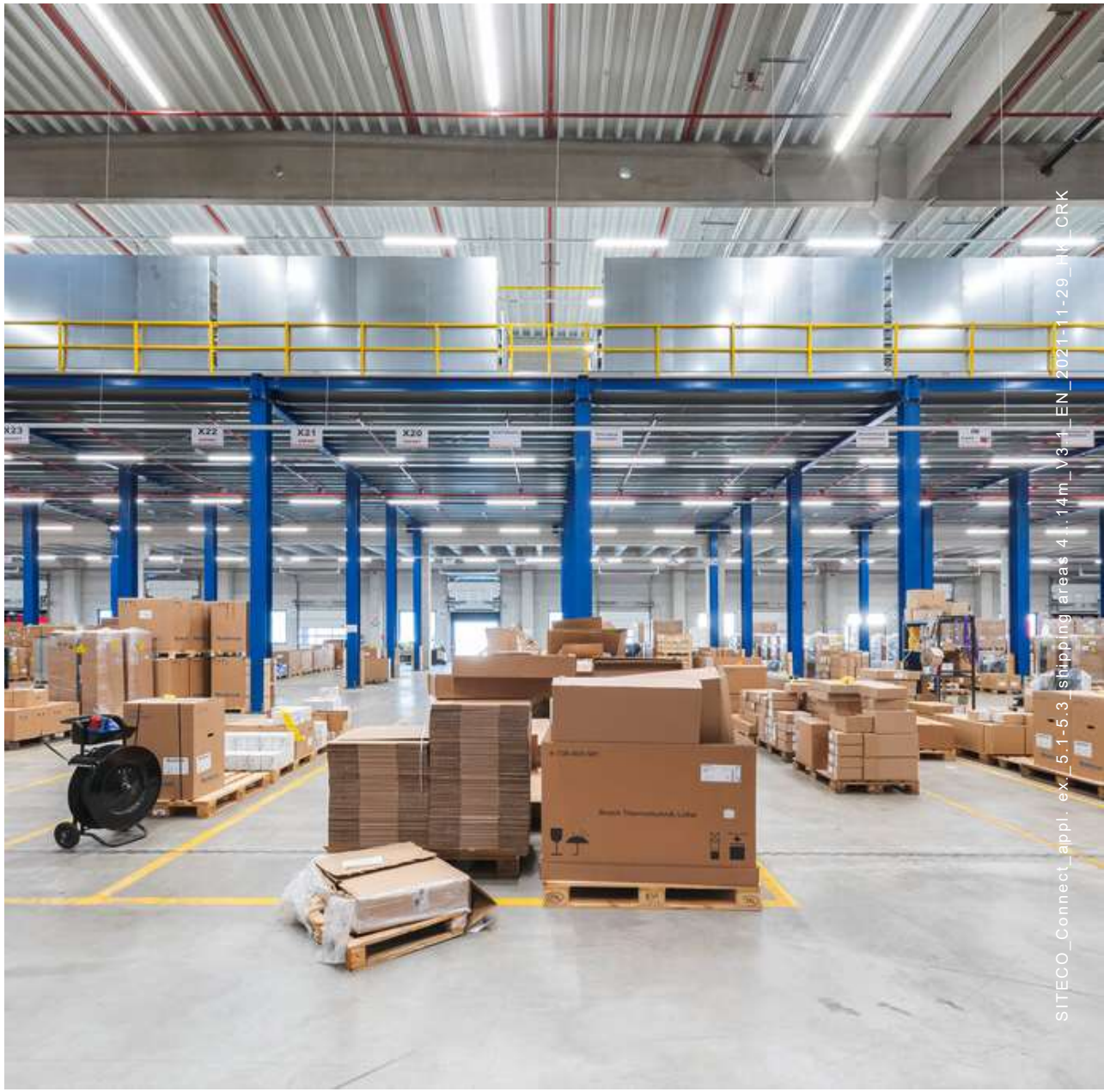
siteco

SITECO Connect

Application possibilities for shipping areas (Mh 4...14m)



Shipping areas (Mh 4...14m)

Possible applications			
Application	Shipping areas (Mh 4...14m)		
Control	local control SITECO Connect	central control SITECO Connect 22	central control SITECO Connect 11
	Example 5.3	Example 5.2	Example 5.1
Luminaire	Licross® trunking	Licross® trunking	Licross® trunking
			
Basic energy-saving function			
Daylight Threshold & Motion Detection	●	●	●
manual control		●	●
Basic lighting during absence	●	●	●
Additional functions			
Flexible grouping		●	●
Inventory lighting	●	●	●
Transit lighting		●	●
predictive maintenance			●
Energy monitoring			optional
Services			optional
Building or site networking			optional
Possible applications			
Link to	Page 3	Page 8	Page 13

Example 5.3

Shipping areas (Mh 4...14m)

Licross® trunking

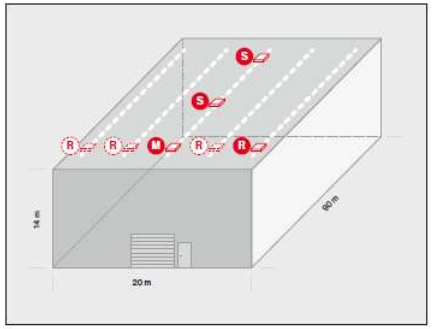
local control

5.3 Shipping areas
(Mh 4...14m) local control

- **Efficiency** through integrated energy-saving basic functions
- **Safety** through sensors with high detection quality
- **Simplicity** due to minimized cabling and commissioning effort
- **Modularity** and **freedom** in planning thanks to the Licross® family concept
- **Retrofittability** through modular sensor interfaces in existing plants
- **Future-proof** through the use of open Standards

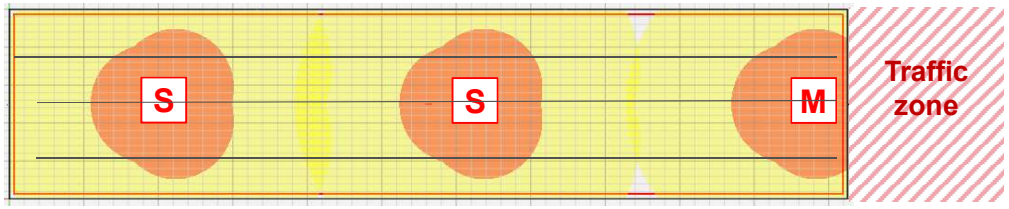
5.3 Shipping areas
(Mh 4...14m) local control

Example logistics zone (LPH = 14m, length = 90m, width = 20m)



= radial detection

= tangential acquisition

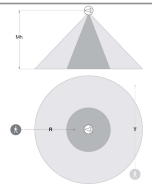


Keep in mind when planning:
- **M** = immediate detection at entrance or entry (radial, sensor dimmed to traffic zone)
- Ensure immediate radial detection when entering or driving in (Ø = 16.3m)
- Ensure tangential detection for open areas (Ø = 40m)
- **M** = Master sensor in the darkest position of the lighting group

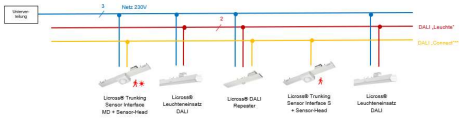
For other mounting heights, please refer to the table of mounting heights!

Which products are needed?		
Designation	**Function**	**Order no.**
Licross® luminaire DALI & rail		specific
Licross® Sensor Interface MD + Sensor Head PC5-M	Master **M**	56TL1FCMA 59US1HXMPC5A
Licross® Sensor Interface S + Sensor Head PC5-S	Slave **S**	56TL1FCSA 59US1HXSPC5A
Repeater Luminaire installation Licross® repeater	Repeater **R**	5LZ904002 56TL1CRM0B
Smart Remote	Commissioning	59UC3RCA

Maximum system sizes					
# DALI ECG	Max. 30	Max. 27	Max. 24	Max. 21	Repeater Max. 64
# Master	1x **M**	1x **M**	1x **M**	1x **M**	1x **M**
# Slave	0x **S**	1x **S**	2x **S**	3x **S**	3x **S**



Sensor Head			
Designation	**MH**	**R**	**T**
PC5 (Relux-Article-#010577)	14	16,3m	40m
	12m	16,3m	40m
	10m	15,6m	40m
	8m	14,3m	40m
	6m	12,0m	40m
	4m	10,0m	40m



5.3 Shipping areas
(Mh 4...14m) local control

Note

The contents shown in the document only represent the exemplary system structure. The standard installation plan is part of the work and assembly planning, but does not replace the detailed planning of the executing installer. All line and circuit dimensioning, types of lines, fire protection, routing, etc. must be planned individually by the installer.

Example 5.2

Shipping areas (Mh 4...14m)

Licross® trunking

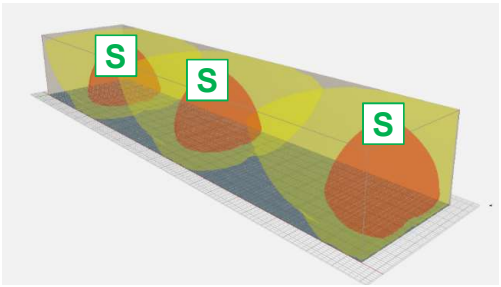
central control SITECO Connect 22

5.2 Shipping areas
(Mh 4...14m) central control

- **Efficiency** through integrated energy-saving basic functions
- **Safety** through sensors with high detection quality
- **Modularity** and **freedom** in planning thanks to the Licross® family concept
- **Retrofittability** through modular sensor interfaces in existing systems
- **Future-proof** through the use of open Standards
- Maximum **flexibility** through individual addressing, thus adaptation to changing needs.

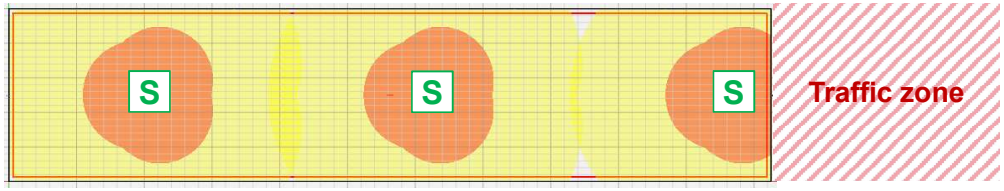
5.2 Shipping areas
(Mh 4...14m) central control

Example logistics zone (LPH = 14m, length = 90m, width = 20m)



= radial detection

= tangential acquisition

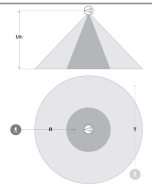


Keep in mind when planning:
- **S** = immediate detection at entrance or entry (radial, possibly sensor dimmed to traffic zone)
- Ensure immediate radial detection when entering or driving in (Ø = 16.3m)
- Ensure tangential detection for open areas (Ø = 40m)

For other mounting heights, please refer to the table of mounting heights!

Which products are needed?		
Components	**Function**	**Order no.**
Licross® luminaire DALI & rail		specific
Licross® Sensor Interface + Sensor Head PC5-S	DALI 2	56TL1FCSA 59US1HXSPC5A
SITECO Connect 22 Controller	Two DALI lines	5LZ904712A
Key coupler 4-fold, 4 DI	DALI 2	5LZ930303
Services		
Commissioning		at expense

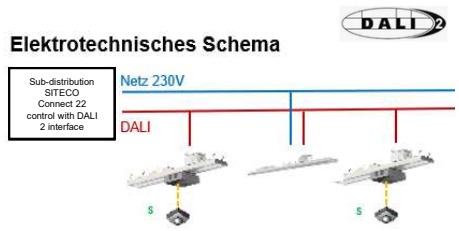
SITECO Connect 22 - maximum system sizes	
# DALI ECG	max. 64 per DALI 2 line
# Sensors	max. 64 sensor functions per DALI 2 line (Attention, observe current consumption! max. output current of DALI control must not be exceeded!)



Sensor Head

Designation	MH	R	T
PC5 (Relux-Article-#010577)	14m	16,3m	40m
	12m	16,3m	40m
	10m	15,6m	40m
	8m	14,3m	40m
	6m	12,0m	40m
	4m	10,0m	40m

Sub-distribution
SITECO Connect 22 control with DALI 2 interface



5.2 Shipping areas
(Mh 4...14m) central control

Note

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Example 5.1

Shipping areas (Mh 4...14m)

Licross® trunking

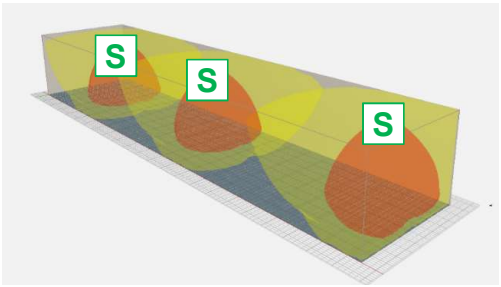
central control SITECO Connect 11

5.1 Shipping areas
(Mh 4...14m) central control

- **Efficiency** through integrated energy-saving basic functions
- **Safety** through sensors with high detection quality
- **Modularity** and **freedom** in planning thanks to the Licross® family concept
- **Retrofittability** through modular sensor interfaces in existing systems
- **Future-proof** through the use of open Standards
- Maximum **flexibility** through individual addressing, thus adaptation to changing needs.
- Central control and monitoring functions enable **dashboards** on plant status.

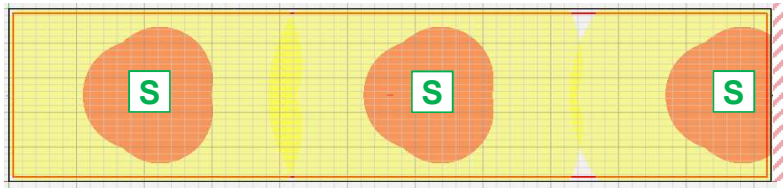
5.1 Shipping areas
(Mh 4...14m) central control

Example logistics zone (LPH = 14m, length = 90m, width = 20m)



= radial detection

= tangential acquisition



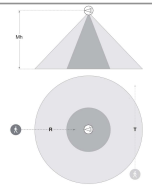
Keep in mind when planning:

- **S** = immediate detection at entrance or entry (radial, possibly sensor dimmed to traffic zone)
- Ensure immediate radial detection when entering or driving in (Ø = 16.3m)
- Ensure tangential detection for open areas (Ø = 40m)

For other mounting heights, please refer to the table of mounting heights!

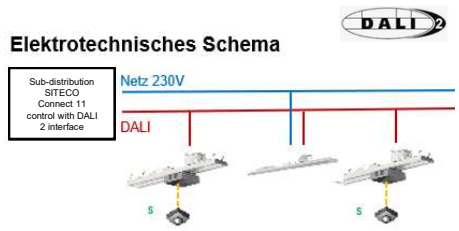
Which products are needed?		
Components	**Function**	**Order no.**
Licross® luminaire DALI & rail		specific
Licross® Sensor Interface + Sensor Head PC5-S	DALI 2	56TL1FCSA 59US1HXSPC5A
SITECO Connect 11 basic package with TouchPanel	S/P (1-12 DALI lines) M/P (1-18 DALI lines)	5LZ930101 5LZ930103
SITECO Connect 11 basic package with top hat rail PC	S/D (1-12 DALI lines) M/D (1-18 DALI lines)	5LZ930100 5LZ930102
Key coupler 4-fold, 4 DI	DALI 2	5LZ930303
Services		**Order no.**
Addressing / linking luminaire	per EVG address	5LZ930D00
Addressing / linking sensor	per sensor	5LZ930D01
Overnight flat rate	Hotel costs	5LZ930D03
Travel / Travel expenses	per km ex. Verl	5LZ930D04
System Technician / Direction Work	per hour	5LZ930D02

SITECO Connect 11 - maximum system sizes	
# DALI ECG	max. 63 per DALI 2 line
# Sensors	max. 30 per DALI 2 line (Attention, observe current consumption! Max. Output current of the DALI control must not be exceeded!)



Sensor Head			
Designation	**MH**	**R**	**T**
PC5 (Relux-Article-#010577)	14m	16,3m	40m
	12m	16,3m	40m
	10m	15,6m	40m
	8m	14,3m	40m
	6m	12,0m	40m
	4m	10,0m	40m

Sub-distribution
SITECO Connect 11 control with DALI 2 interface



5.1 Shipping areas
(Mh 4...14m) central control

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