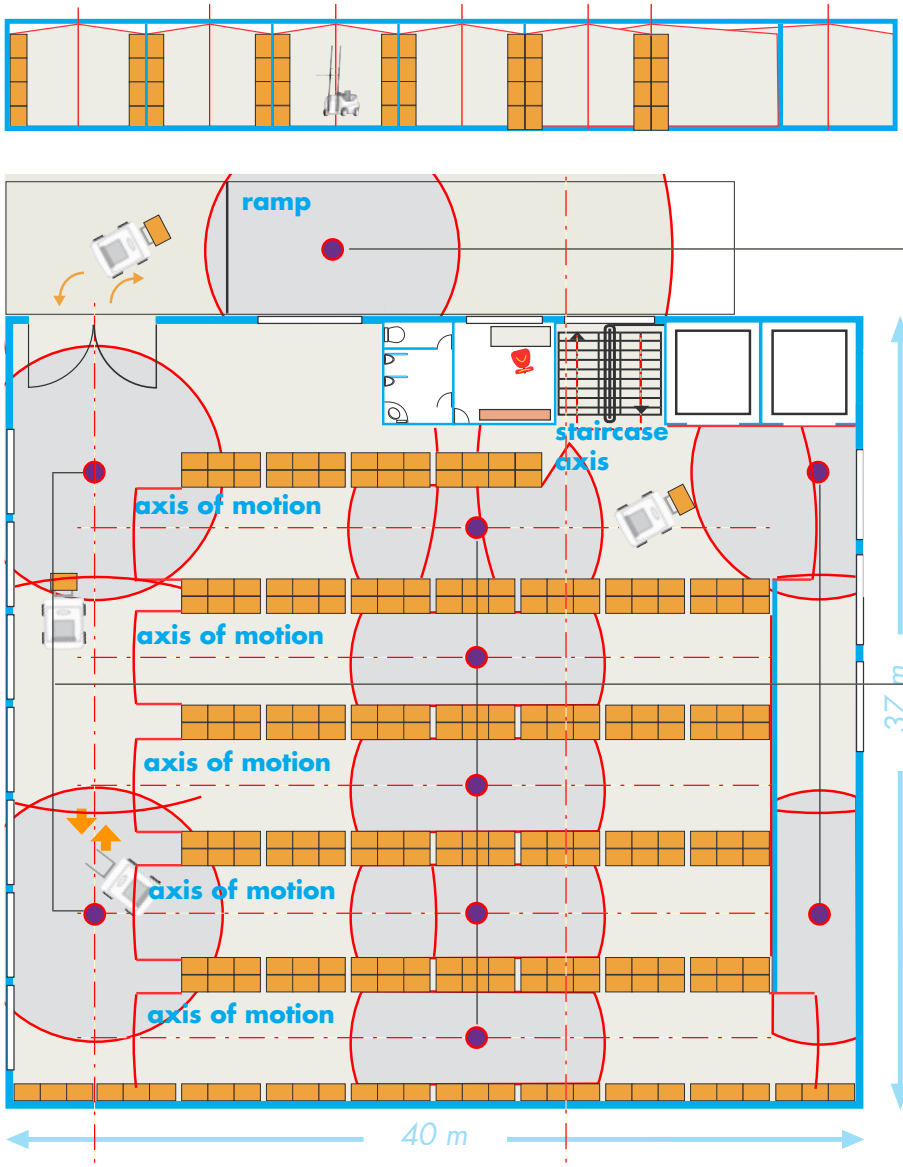
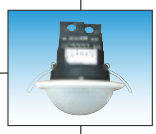
Pallet storage warehouse example

Nr. 20: with LUXOMAT® PD4



PD4 AP/FP/EN

Surface mounted



Ceiling mounted

Flush mounted

Typical example 20: Pallet storage warehouse with LUXOMAT® PD4

Application description:
In a warehouse, the various sectors are to be monitored using occupancy detectors and the lighting automatically switched. The warehouse is divided into the following sectors: 5-corridors, start-of corridor zone, end-of-corridor zone, warehouse entrance, elevator sector, ramps. Each sub-section is to be individually monitored and switched. The occupancy detectors are to be mounted on the ceiling.

Building information:
Type: High-bay warehouse with daylight
Dimensions: L 40 x W 37 m
Room height: 4.2 m

Illumination:
10 lighting groups with electronic ballast

Products shown:
10 each PD4 AP/UP/DE

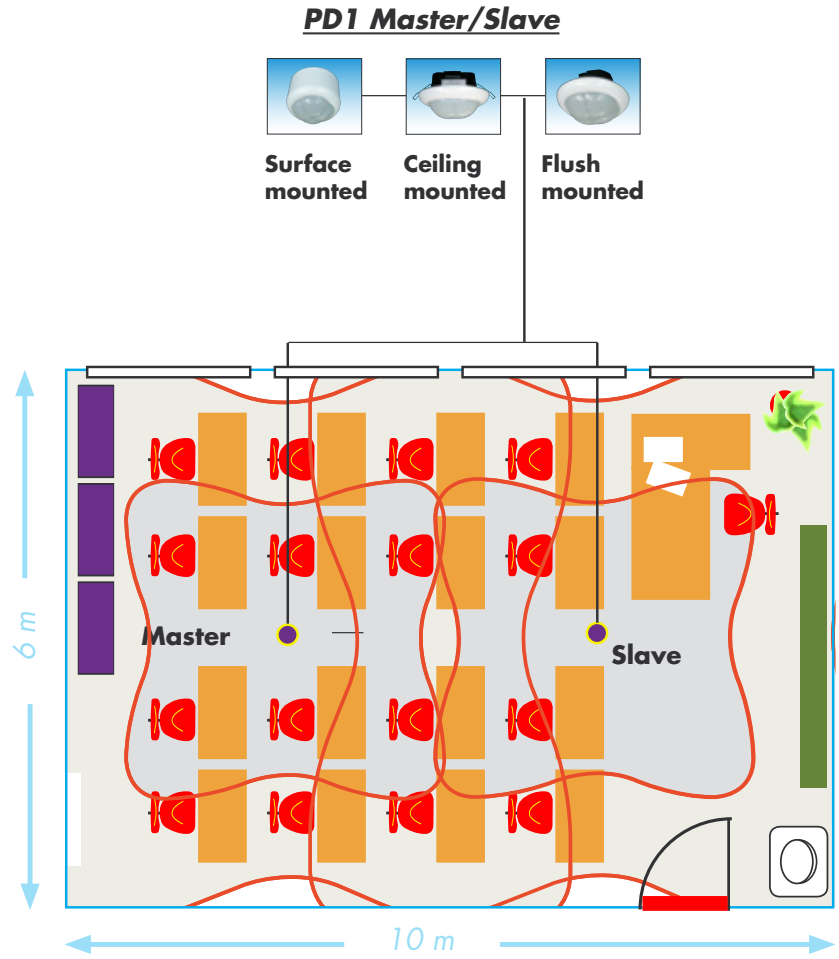
Device settings:
Switch-off delay time R1: >5 min
Brightness switching value: 500 lux or individual using remote control
Switch-off delay time R2: optional

Connected circuit:
Master operation for all 3 lighting groups

Please note: *We would be glad to help you in your product selection and positioning. Simply send us your layouts via fax or email, and we will provide you with a suggested plan – at no charge, of course.*

Class room example

Nr. 21: with **LUXOMAT®** PD1



Typical example 21: Class room with **LUXOMAT®** PD1

Application description:
In a classroom, the lighting is to be separately controlled dependent on presence and daylight. Despite the automatic control, it should be made possible to manually influence the switching condition via buttons or remote control. The presence detector is to be mounted on the wall.

Building information:
Type: Classroom with daylight.
Dimensions: L 10 x W 6 m
Room height: 2.70 m (headroom)

Illumination:
1 lighting group with electronic ballast

Products shown:
1 each PD1 SLAVE
1 each PD1 MASTER

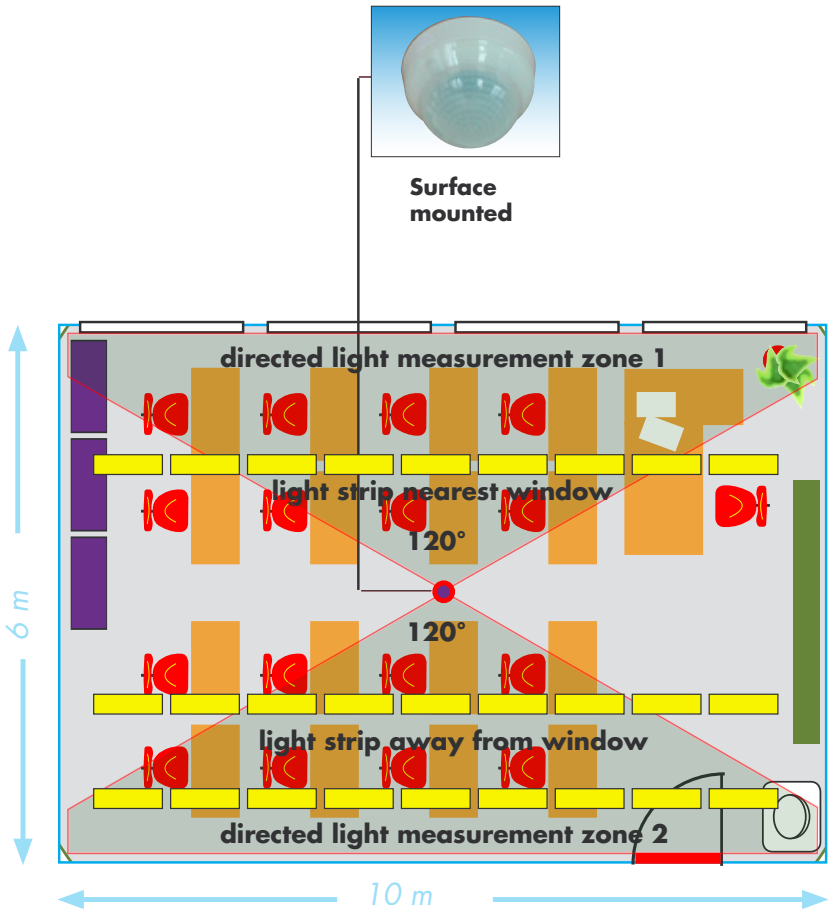
Device settings PD1 Master:
Switch-off delay time R1: min. 5 min
Brightness switching value R1 300 lux
Switch-off delay time R2: optional

Connected circuit:
Master/slave switching with optional push button operation. The master unit must always be mounted at the point with the least proportion of daylight.

Class room example

Nr. 22: with LUXOMAT® PD4-DUO or PD4-DUO DIM

PD4-DUO /PD4-DUO DIM



Typical example 22: with LUXOMAT® PD4-DUO or PD4-DUO DIM

Application description:
In a classroom, the lighting is to be separately controlled dependent on presence and daylight in a perimeter near windows and a light perimeter away from the windows. Despite the automatic control, it should be made possible to manually influence the switching condition via buttons or remote control. The presence detector is to be mounted on the ceiling.

Building information:
Type: Classroom with daylight.
Dimensions: L 10 x W 6 m
Room height: 2.70 m (headroom)

Illumination:
2 lighting groups with electronic ballast

Products shown:
1 each PD4 DUO or
1 each PD4 DUO DIM

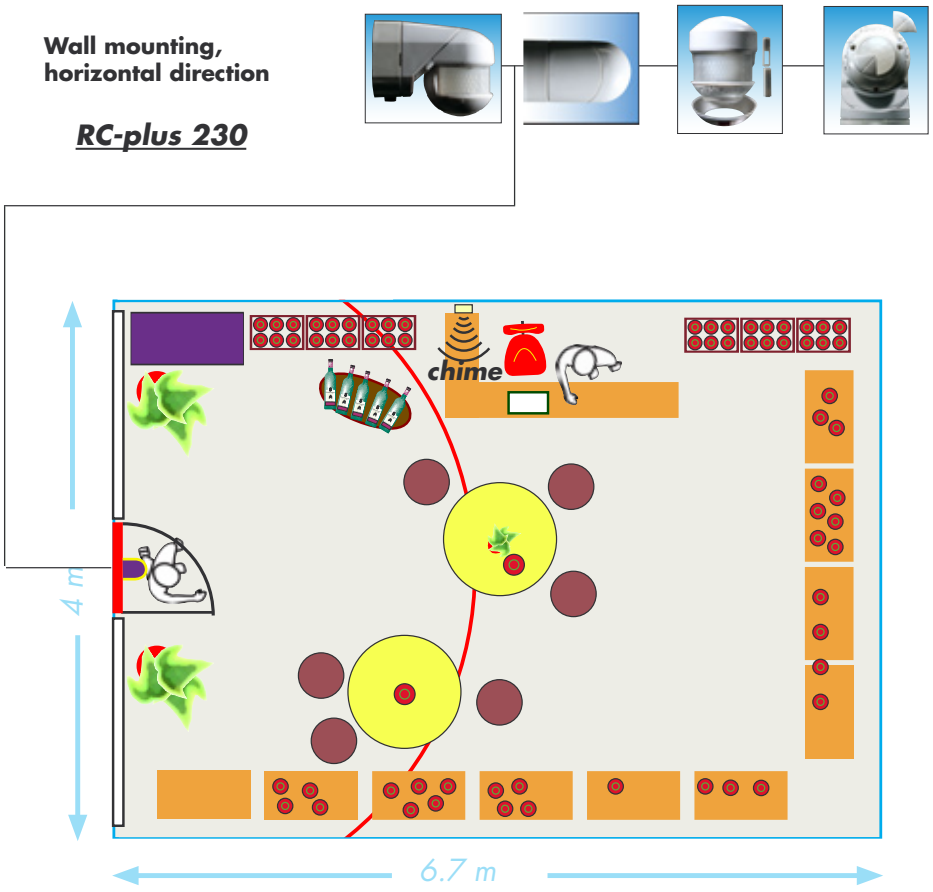
Device settings:
Switch-off delay time R1: >5 min
Brightness switching value R1 300 lux or individual using remote control
Switch-off delay time R2: optional

Connected circuit:
Standard operation.

Please note: *We would be glad to help you in your product selection and positioning. Simply send us your layouts via fax or email, and we will provide you with a suggested plan – at no charge, of course.*

Boutique example

Nr. 23: with **LUXOMAT®** *RC-plus 230*



Typical example 23: Boutique with **LUXOMAT®** *RC-plus 230*

■ ***Application description:***
In a shop the customer presence has to be indicated by a chime. The motiondetector must be fixed above the entrance door

■ ***Object description:***
Type: Shop with daylight.
Room height: 2.70 m

■ ***Illumination:***
In this case the chime only will be activated , no light

■ ***Products shown:***
1 each RC-plus 230

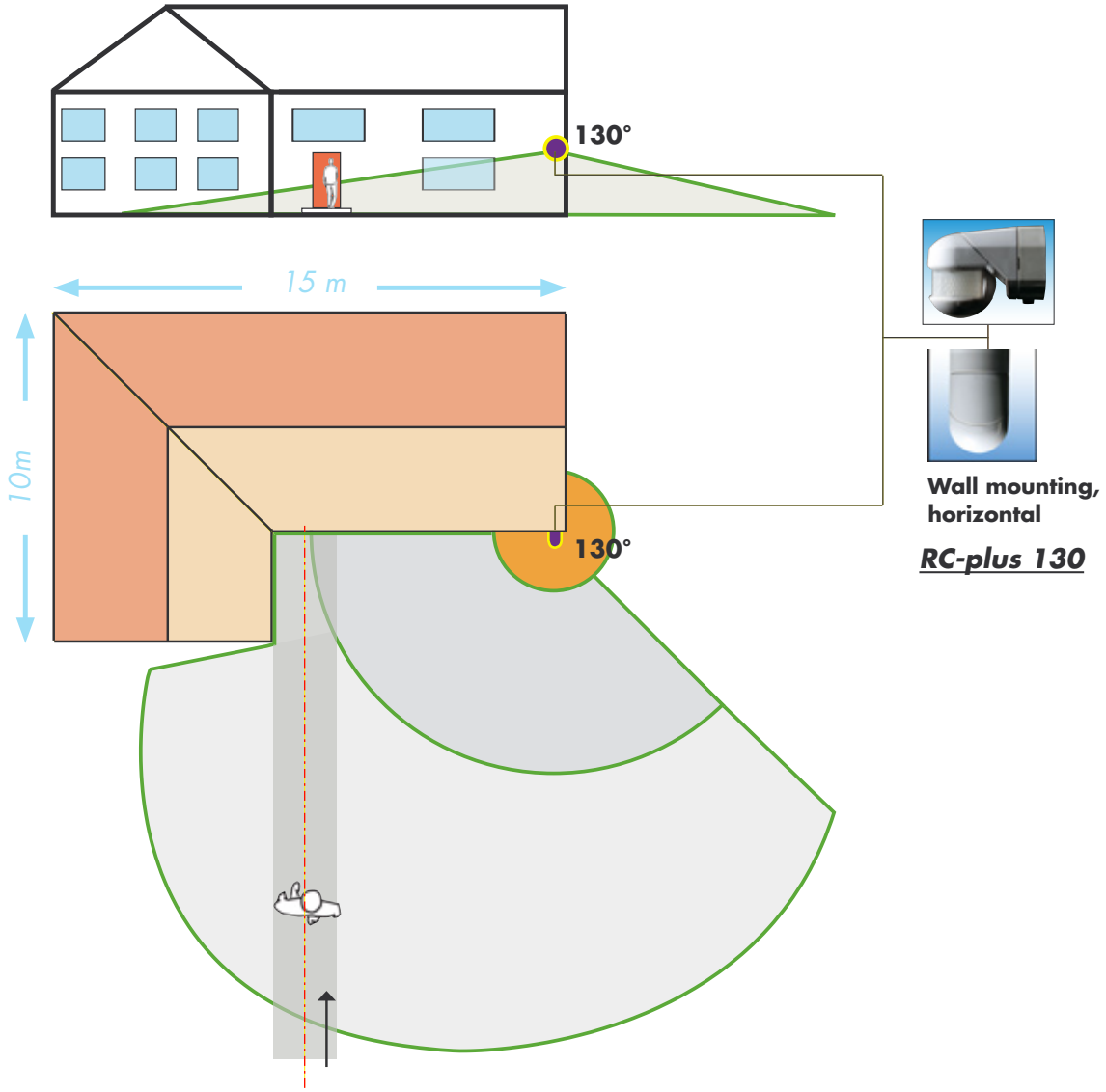
■ ***Device settings:***
Impulse mode
Brightness: Day/Night ("Sun" symbol)

■ ***Connected circuit:***
Chime

■ ***Please note:*** *We would be glad to help you in your product selection and positioning. Simply send us your layouts via fax or email, and we will provide you with a suggested plan – at no charge, of course.*

House entrance example

Nr. 24: with LUXOMAT® RC-plus



Typical example 24: House entrance, people coming in from the side

- ***Application description:***
House entrance, wall mounting of the LUXOMAT®.
The persons approach always on the small access way and must be detected as early as possible.

- ***Object description:***
Type: House entrance with daylight
Mounting height : 2.5-3m

- ***Illumination:***
One light group

- ***Products shown:***
1 each RC-plus 130

- ***Device settings***
Switch-off delay time : 4 min
Brightness: dusk in progress (symbol "moon", dark)

- ***Connected circuit:***
standard operation

- ***Attention*** *" Õ Ã Ì Ê Ê L i Ê « > ˆ ` Ê Ì œ Ê Ì … i Ê " œ Õ ˜ Ì ˆ ˜ } Ê œ ` i Ì i V Ì œ Ê Th À ˆ Ê mounting must always be lateral to the walking and driving of persons or vehicles. When walking towards the motion detector the range is reduced.*