



● Group 1

● Group 2

- - - Walking towards detection area

— Walking across detection area

PD4N-1C



Description	Colour	Page	Part number
PD4N-1C-SM	white	26	92144
PD4N-1C-FC	white	26	92149
PD4N-1C-FM	white	26	92151

■ Application description:

In the underground car park, the best possible surveillance of the entrance area to the garage and the main transit area should be achieved with as few motion detectors as possible.

Blind spots in certain partial areas of the garage are to be bridged with adapted switch-off delay timing. The lighting is to be divided into two separate lighting groups (gate and wall sides).

The motion detectors are to be mounted exclusively on the ceiling.

■ Building information:

Type: underground car park without daylight

Dimensions: L 77.00 x W 35.00 m

Room height: 3.00 m

■ Illumination:

Two separate lighting groups with electronic ballasts

Variation A) directly switched by the motion detector

Variation B) switched via external timer

■ Products shown:

6 each LUXOMAT® PD4N-1C

■ Device settings:

Variation A) Switch-off delay time: 8 min.,

Brightness switching value: day/night ("sun" symbol)

Variation B) Switch-off delay time: impulse,

Brightness switching value: day/night ("sun" symbol)

■ Connected circuit:

Parallel circuit per lighting group

■ Note:

Please ensure that the motion detector installation is always made lateral to the pedestrian and vehicle driving direction. If one walks directly toward the detector, the range is significantly reduced.

■ Alternatives:

Typical example no. 15:

Underground car park with LUXOMAT® RC-plus next motion detector

