

# SATTLER

## PALADIO

### Instruction for Lighting Calculation

In order to achieve more precise results for the lighting calculation of a PALADIO luminaire the entire luminaire has to be composed of individual segments with a length of 28 cm each. There are separate photometric files for the direct and for the indirect side. The individual files are available as \*.LTD and \*.IES files

#### 1. Paladio Prism, direct light output:

Arrange 28cm segments in a straight line next to each other. Notice: Use the function "linear arrangement".

1130 mm: 4x direct segments

1410 mm: 5x direct segments

2250 mm: 8x direct segments

2810 mm: 10x direct segments

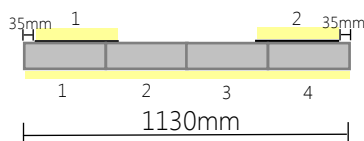
3370 mm: 12x direct segments

3930 mm: 14x direct segments

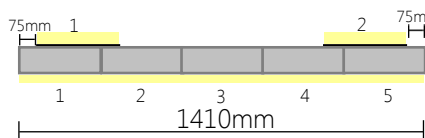
#### 2. Paladio Prism, direct/indirect light output:

- 1) Create the luminaire as a luminaire with purely direct light output. See point 1 above.
- 2) Insert segments for the indirect light output at the correct positions (indirect light output is not continuous).

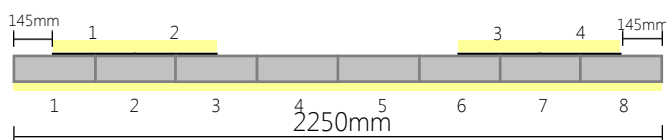
1130 mm: 4x direct + 2x indirect



1410 mm: 5x direct segments + 2x indirect segments at position 1 and 4

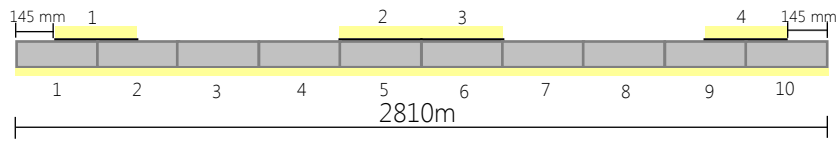


2250 mm: 8x direct segments + 4x indirect segments at position 1, 2, 7 and 8

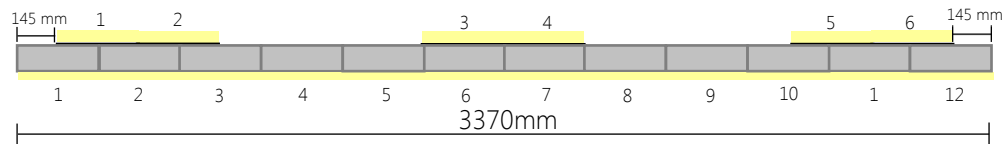


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**2810 mm:** 10x direct segments + 4x indirect segments at position 1, 5, 6 and 10



**3370 mm:** 12x direct segments + 6x indirect segments at position 1, 2, 5, 6, 9 und 10



**3930 mm:** 14x direct segments + 8x indirect segments at position 1, 2, 6, 7, 8, 9, 13 and 14

