

TEC

Installation : Warehouse

Project number : 2009-05-01

Customer : Lightway

Processed by : ak

Date : 04.05.2009

Project description:

Lightway Silver 800 - gleichmäßige Verteilung (even spreading)

The following values are based on exact calculations on calibrated lamps, luminaires and their arrangement. In practice, gradual divergences can occur.

Guarantee claims for luminaire data are excluded.

Relux and the luminaire manufacturers accept no liability for consequential damage and damage which is occasioned to the user or to third parties.

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1 Luminaire data

1.1 Lightway s.r.o., Lightway Silver 800 (!Lightway Silver 800)

1.1.1 Data sheet

Manufacturer: Lightway s.r.o.

!Lightway Silver 800

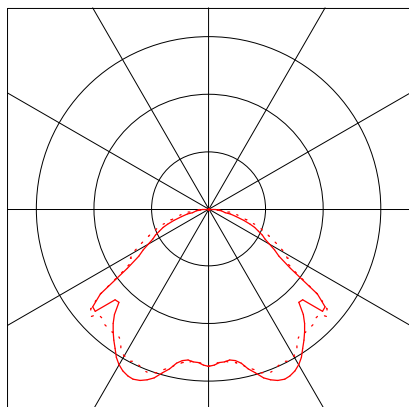
Lightway Silver 800

Luminaire data

Luminaire efficiency : 99.9%
Luminaire efficacy : 1.#INF lm/W
Classification : A40 ↓100.0% ↑0.0%
CIE Flux Codes : 45 81 97 100 100
Control gear :
Diameter : 800 mm
Height : 3700 mm

Equipped with

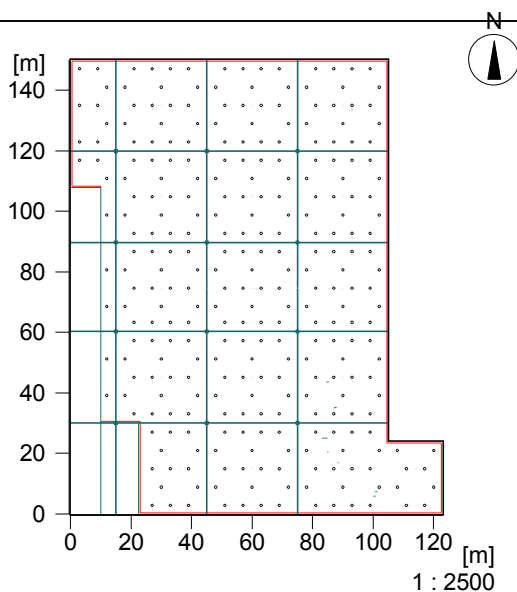
Quantity : 1
Designation : BRD im
Jahresmittel
Colour :
Luminous flux : 32000 lm



2 Raum

2.1 Description, Raum

2.1.1 Floor plan



Room data:

W1 : 123.00
 W2 : 24.00
 W3 : 18.00
 W4 : 126.00
 W5 : 105.00
 W6 : 150.00

Floor: ----
 Ceiling: ----

Room height [m]:
 Height of reference plane [m]:
 Height of luminaire plane [m]:

Reflectance:

66.0 %
 66.0 %
 66.0 %
 66.0 %
 66.0 %
 66.0 %
 39.5 %
 76.3 %

11.00
 0.75
 11.00

Structural elements

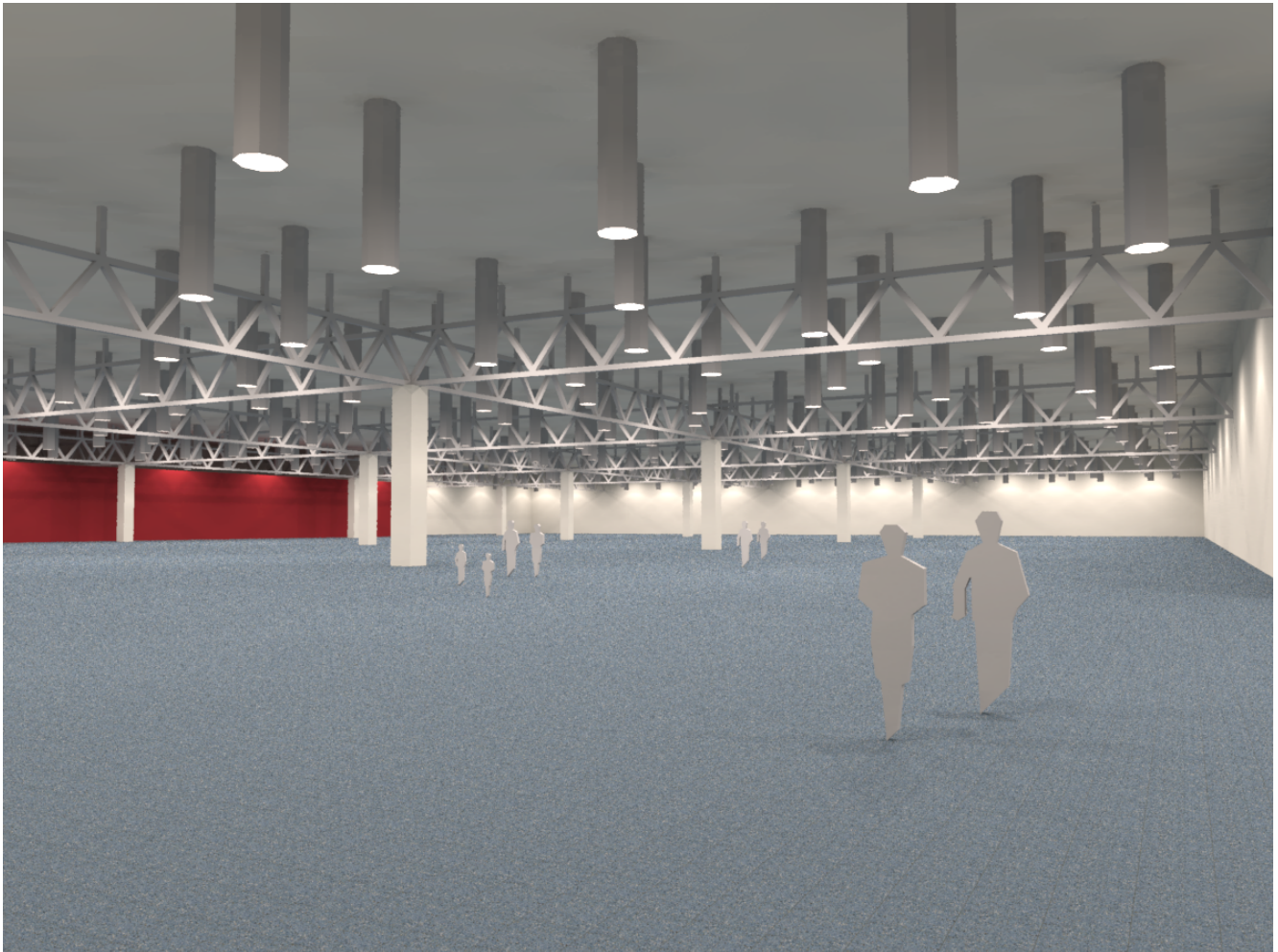
Pi : Pillar
 Tr : Partition
 Wo: Real working surface
 m : Virtual measuring area
 S : Skylight
 W : Picture
 Wi : Window
 DF : Door
 F : Furniture

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2 Raum

2.2 Calculation results, Raum

2.2.1 3D luminance (raytracing), variable Ansicht 1



Luminance in the illustration:

Minimum: : 0.65 cd/m²

Maximum: : 604 cd/m²

Artificial light calculation : Direct part, with 2 inter-reflections
