

## Service road 1 for S3 = 7,5 lux

Installation : Fantasie with HCI 70W

Project number : Standard example

Customer :

Processed by : Siteco

Date : 01.2007

### Project description:

Road width	6m
Mounting height	5m
Overhang	0m

Die Ermittlung der Beleuchtungsergebnisse erfolgte verkaufsunterstützend mit größter Sorgfalt auf Basis der uns vorliegenden Unterlagen mit Hilfe von marktüblichen Berechnungsverfahren (z.B. Relux, Dialux).

Eine Garantie / Gewährleistung / Haftung für diese kostenlose Errechnung wird von SITECO nicht übernommen. Wir verweisen in diesem Zusammenhang auf die Leistungen der Lichtplanungs- u. Ingenieurbüros.

The determination of the lighting results is performed on a sales support basis, with great thoroughness, using the documents at our disposal and with the aid of calculating procedures customary in the market (e.g. Relux, Dialux).

A guarantee / warranty / liability for this free calculation is not provided by SITECO. In this respect, we refer to the services of the light planning and engineering office.

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 Siteco, FANTASiE (!5NA 312 2-1CE08)

#### 1.1.1 Data sheet

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##### Manufacturer: Siteco

##### !5NA 312 2-1CE08 Mastleuchte FANTASiE

for 1 x Quecksilber-Metall dampf-Hochdrucklampe 70 W, with VG

Leuchtgehäuse aus glasfaserverstärktem Polyester, lackiert in Siteco-Eisenglimmer (DB702S)

Trägerelemente aus Stahl (V4A), kompensiert

Radialfacettenoptik

Schutzart: IP 65

Schutzklasse: SK II

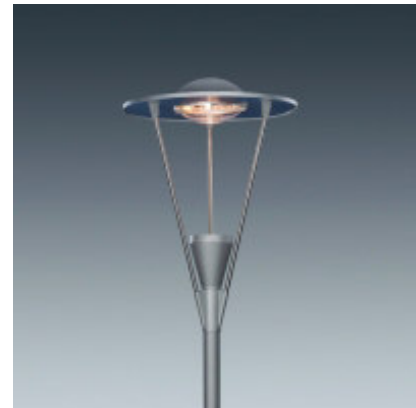
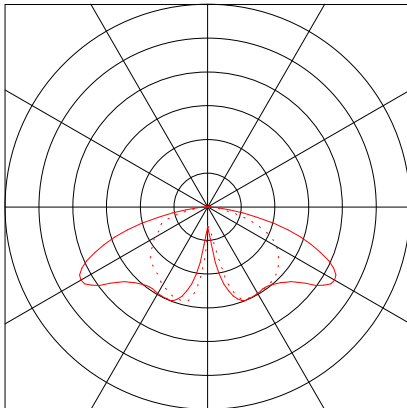
Montageart: Mastaufsatz

##### Luminaire data

Luminaires efficiency : 73.4% (A30)  
Control gear : VG  
System power : 70 W  
Diameter : 800 mm  
Height : 1161 mm

##### Equipped with

Number of : 1  
Designation : HCI-E  
Power : 70 W  
Colour :  
Luminous flux : 5700 lm

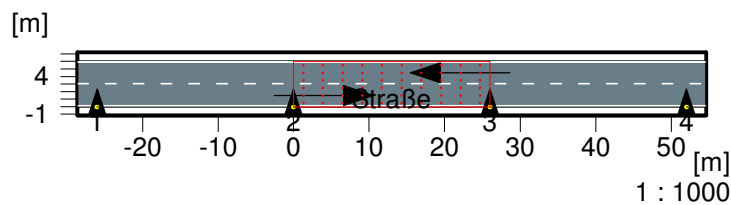


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## 2 Straße

### 2.1 Description, Straße

#### 2.1.1 Floor plan



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Straße		Luminaire type	:!5NA 312 2-1CE08
Road layout	: without central reservation	Luminaire placing	: Right row
Width of roadway	: 6.00 m	photometric centre height	: 5.00 m
No. of lanes	: 2	Luminaire spacing	: 26.00 m
Road surface category	: R3	Luminaires - outreach	: 0.00 m
q0	: 0.08	Inclination	: 0.00°

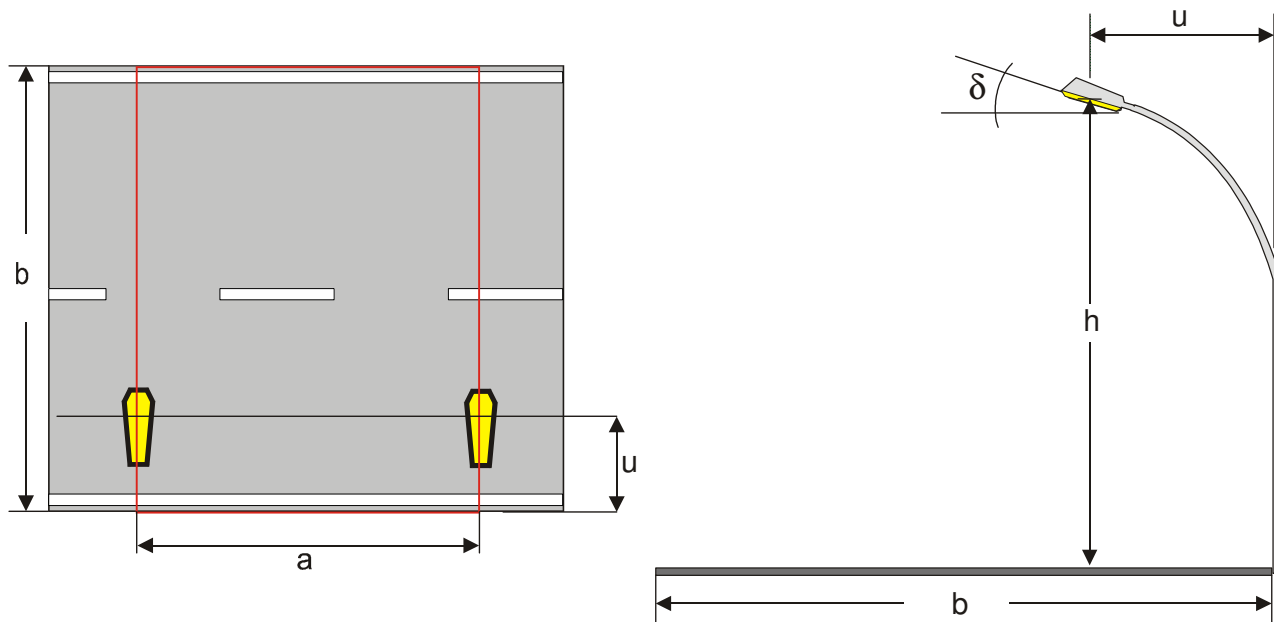
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## 2 Straße

### 2.2 Summary, Straße

#### 2.2.1 Result overview, Straße



#### Luminaire data

Manufacturer : Siteco  
 Order No. : !5NA 312 2-1CE08  
 Luminaire name : FANTASIE  
 Equipment : 1 x HCI-E 70 W / 5700 lm

Road layout	: without central reservation	Luminaire placing	: Right row
Width of roadway (b)	: 6.00 m	photometric centre height.(h)	: 5.00 m
No. of lanes	: 2	Luminaire spacing (a)	: 26.00 m
Road surface category	: R3	Luminaires - outreach (u)	: 0.00 m
q0	: 0.08	Inclination (delta)	: 0.00°
Right hand drivers		Reduction factor	: 0.59

#### Horizontal illuminance E

Average	: 7.6 lx	(S3 min. 7.5)
Minimum	: 2.1 lx	(S3 min. 1.5)