

## **Project 1**

Partner for Contact:  
Order No.:  
Company:  
Customer No.:

Date: 25.06.2016  
Operator:

Operator  
Telephone  
Fax  
e-Mail

## Table of contents

---

### Project 1

Project Cover	1
Table of contents	2
Luminaire parts list	3
<b>Street-AGC</b>	
Planning data	4
Photometric Results	5
False Color Rendering	6

Operator  
Telephone  
Fax  
e-Mail

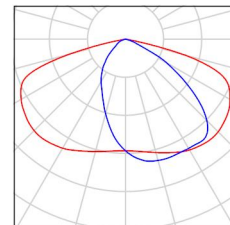
---

**Project 1 / Luminaire parts list**

---

4 Pieces    ST03-90 4000K Ra70 75150DEG R17601  
Article No.:  
Luminous flux (Luminaire): 10884 lm  
Luminous flux (Lamps): 10977 lm  
Luminaire Wattage: 92.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 43 78 97 100 99  
Fitting: 1 x ST03-90 4000K Ra70 75150DEG  
R17601 (Correction Factor 1.000).

See our luminaire  
catalog for an image of  
the luminaire.



Operator  
Telephone  
Fax  
e-Mail

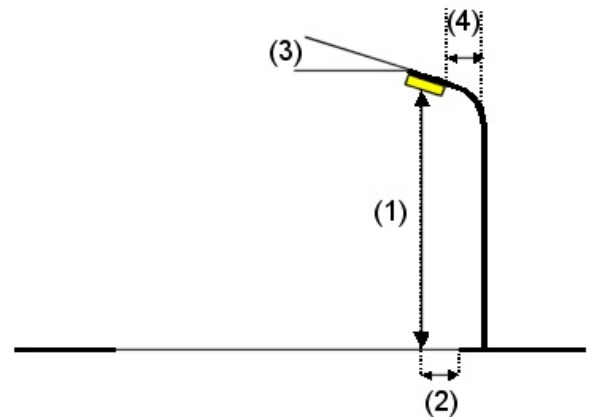
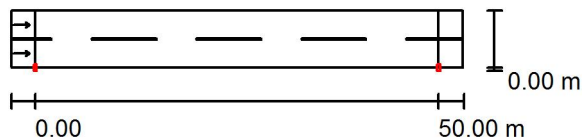
## Street-AGC / Planning data

### Street Profile

Roadway 1 (Width: 7.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Light loss factor: 0.67

### Luminaire Arrangements



Luminaire: ST03-90 4000K Ra70 75150DEG R17601  
 Luminous flux (Luminaire): 10884 lm  
 Luminous flux (Lamps): 10977 lm  
 Luminaire Wattage: 92.0 W  
 Arrangement: Single row, bottom  
 Pole Distance: 50.000 m  
 Mounting Height (1): 10.150 m  
 Height: 10.000 m  
 Overhang (2): 0.000 m  
 Boom Angle (3): 0.0 °  
 Boom Length (4): 0.650 m

Maximum luminous intensities

at 70°: 403 cd/klm

at 80°: 86 cd/klm

at 90°: 0.00 cd/klm

Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.

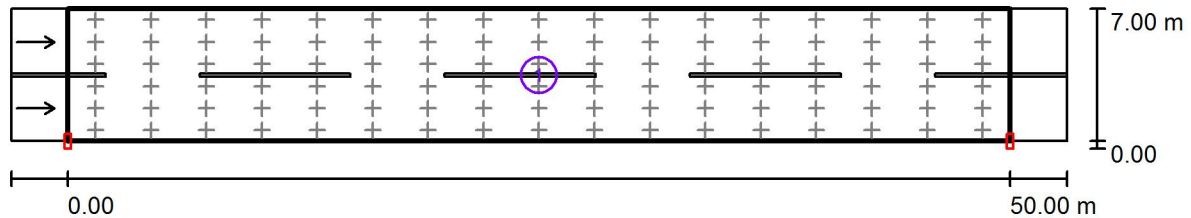
No luminous intensities above 90°.

Arrangement complies with luminous intensity class G4.

Arrangement complies with glare index class D.6.

Operator  
Telephone  
Fax  
e-Mail

## Street-AGC / Photometric Results



Light loss factor: 0.67

Scale 1:401

### Calculation Field List

- Valuation Field Roadway 1  
Length: 50.000 m, Width: 7.000 m  
Grid: 17 x 6 Points  
Accompanying Street Elements: Roadway 1.  
tarmac: R3, q0: 0.070  
Selected Lighting Class: ME6

(All lighting performance requirements are met.)

	$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]	SR
Calculated values:	0.51	0.45	0.48	9	0.74
Required values according to class:	$\geq 0.30$	$\geq 0.35$	$\geq 0.40$	$\leq 15$	/
Fulfilled/Not fulfilled:	✓	✓	✓	✓	✓

Operator  
Telephone  
Fax  
e-Mail

## Street-AGC / False Color Rendering

