

Project 1

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

Date: 25.06.2016
Operator:

Operator
Telephone
Fax
e-Mail

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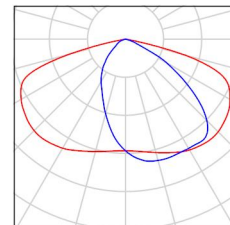
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Project 1 / Luminaire parts list

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.



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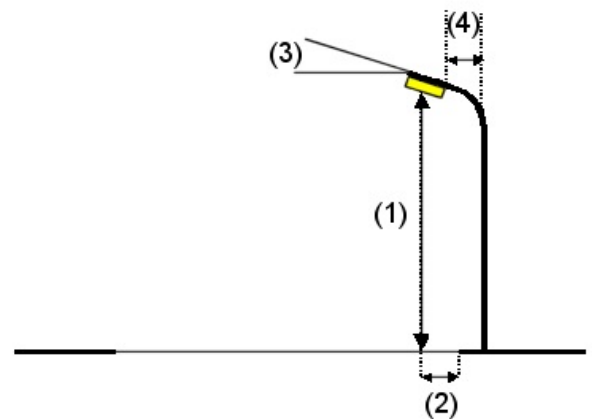
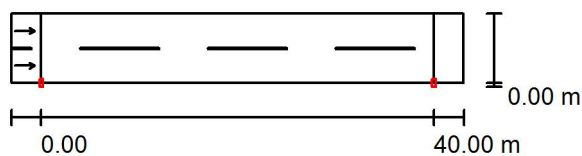
Street-AGC / Planning data

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: 40.000 m
 Mounting Height (1): 8.150 m
 Height: 8.000 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.

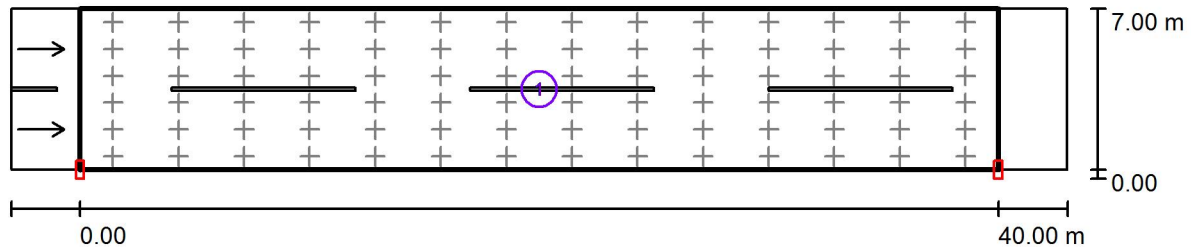
No luminous intensities above 90°.

Arrangement complies with luminous intensity class G4.

Arrangement complies with glare index class D.6.

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Street-AGC / Photometric Results



Light loss factor: 0.67

Scale 1:329

Calculation Field List

- 1 Valuation Field Roadway 1
Length: 40.000 m, Width: 7.000 m
Grid: 14 x 6 Points
Accompanying Street Elements: Roadway 1.
tarmac: R3, q0: 0.070
Selected Lighting Class: ME5

(All lighting performance requirements are met.)

	L_{av} [cd/m ²]	U0	UI	TI [%]	SR
Calculated values:	0.73	0.42	0.50	12	0.67
Required values according to class:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15	≥ 0.50
Fulfilled/Not fulfilled:	✓	✓	✓	✓	✓

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Street-AGC / False Color Rendering

