

Project 1

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

Date: 25.06.2016
Operator:

Operator
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Project 1

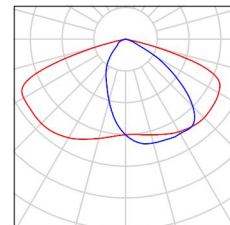
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Project 1 / Luminaire parts list

6 Pieces ST03-120 4000K Ra70 75150DEG R17601
Article No.:
Luminous flux (Luminaire): 14023 lm
Luminous flux (Lamps): 14032 lm
Luminaire Wattage: 121.3 W
Luminaire classification according to CIE: 100
CIE flux code: 44 79 98 100 100
Fitting: 1 x ST03-120 4000K Ra70 75150DEG
R17601 (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



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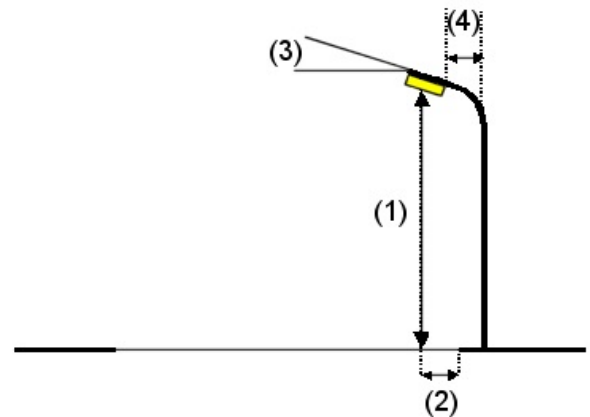
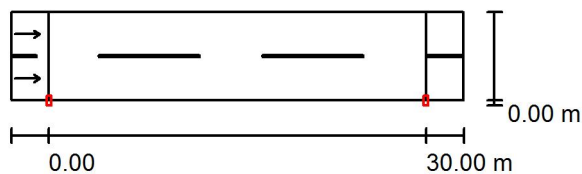
Street-AGC / Planning data

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: ST03-120 4000K Ra70 75150DEG R17601
 Luminous flux (Luminaire): 14023 lm
 Luminous flux (Lamps): 14032 lm
 Luminaire Wattage: 121.3 W
 Arrangement: Single row, bottom
 Pole Distance: 30.000 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°: 494 cd/klm

at 80°: 56 cd/klm

at 90°: 0.00 cd/klm

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

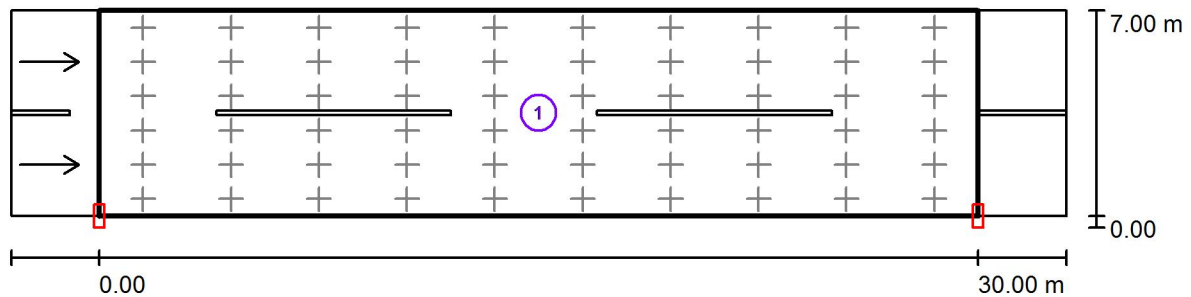
No luminous intensities above 90°.

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 1:258

Calculation Field List

- 1 Valuation Field Roadway 1
Length: 30.000 m, Width: 7.000 m
Grid: 10 x 6 Points
Accompanying Street Elements: Roadway 1.
tarmac: R3, q0: 0.070
Selected Lighting Class: ME3a

(All lighting performance requirements are met.)

	L_{av} [cd/m ²]	U0	UI	TI [%]	SR
Calculated values:	1.33	0.49	0.80	12	0.64
Required values according to class:	≥ 1.00	≥ 0.40	≥ 0.70	≤ 15	≥ 0.50
Fulfilled/Not fulfilled:	✓	✓	✓	✓	✓

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Street-AGC / False Color Rendering

