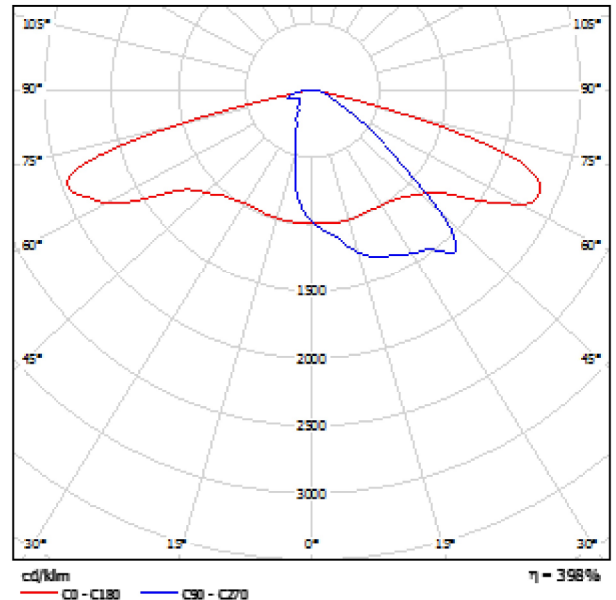


Operator  
Telephone  
Fax  
e-Mail

## SIA Elnitor RoadSpark SLIM 120W / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 401

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

Operator  
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Fax  
e-Mail

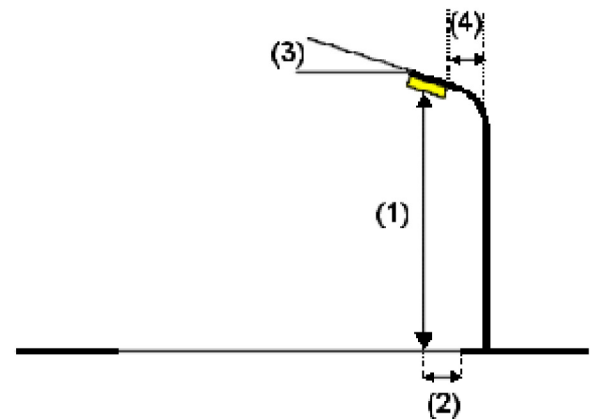
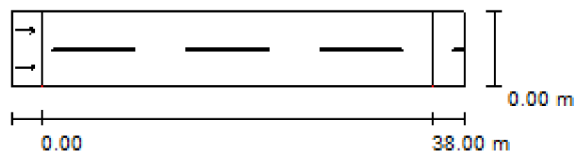
## Profils 1 / Planning data

### Street Profile

Roadway 1 (Width: 7.200 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Maintenance factor: 0.85

### Luminaire Arrangements



Luminaire:	SIA Elnitor RoadSpark SLIM 120W
Luminous flux (Luminaire):	12128 lm
Luminous flux (Lamps):	3048 lm
Luminaire Wattage:	120.0 W
Arrangement:	Single row, bottom
Pole Distance:	38.000 m
Mounting Height (1):	8.600 m
Height:	8.600 m
Overhang (2):	0.000 m
Boom Angle (3):	10.0 °
Boom Length (4):	0.800 m

Maximum luminous intensities  
at 70°: 2193 cd/klm  
at 80°: 1268 cd/klm  
at 90°: 141 cd/klm

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

Arrangement complies with glare index class D.0.

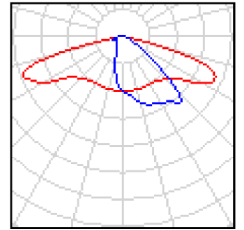
Operator  
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Fax  
e-Mail

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## Profils 1 / Luminaire parts list

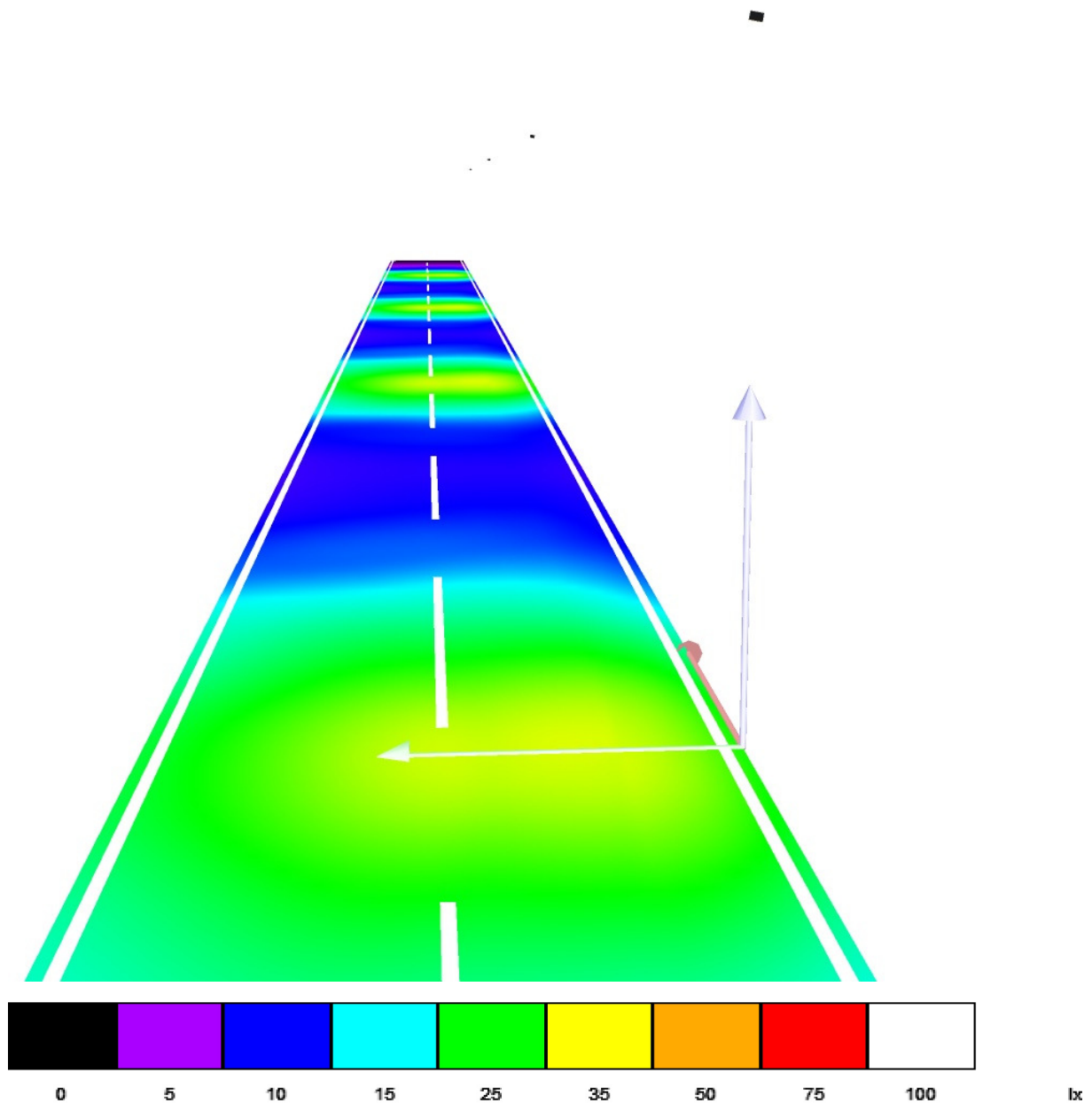
SIA Elnitor RoadSpark SLIM 120W  
Article No.:  
Luminous flux (Luminaire): 12128 lm  
Luminous flux (Lamps): 3048 lm  
Luminaire Wattage: 120.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 401  
Fitting: 1 x Cree XP-G (Correction Factor 1.000).

See our luminaire  
catalog for an image of  
the luminaire.



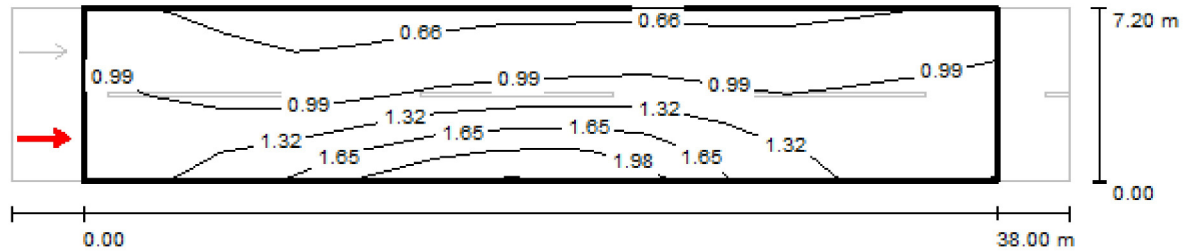
Operator  
Telephone  
Fax  
e-Mail

## Profils 1 / False Colour Rendering



Operator  
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Fax  
e-Mail

### Profils 1 / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 315

Grid: 13 x 6 Points

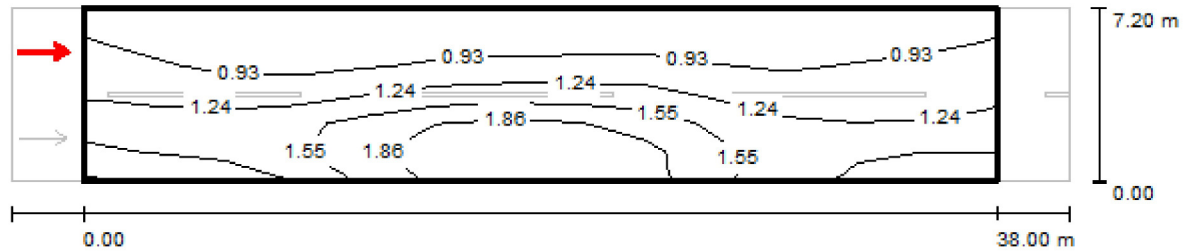
Observer Position: (-60.000 m, 1.800 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]
Calculated values:	1.10	0.52	0.65	15
Required values according to class ME4b:	≥ 0.75	≥ 0.40	≥ 0.50	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator  
Telephone  
Fax  
e-Mail

### Profils 1 / Valuation Field Roadway 1 / Observer 2 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 315

Grid: 13 x 6 Points

Observer Position: (-60.000 m, 5.400 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]
Calculated values:	1.20	0.53	0.77	11
Required values according to class ME4b:	≥ 0.75	≥ 0.40	≥ 0.50	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓