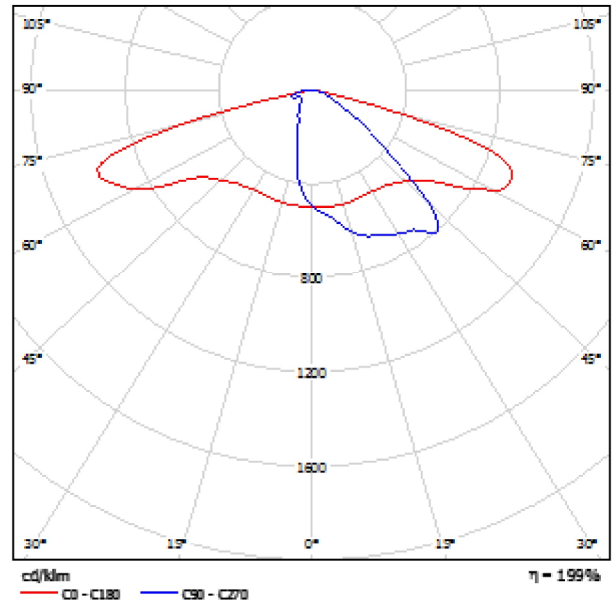


Operator  
Telephone  
Fax  
e-Mail

## RoadSpark SLIM 60W / 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 94 100 201

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

Operator  
Telephone  
Fax  
e-Mail

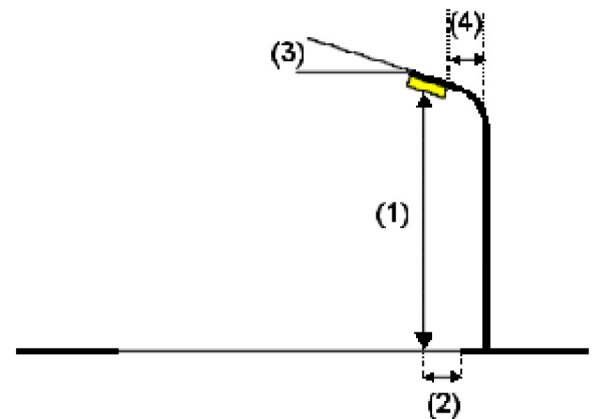
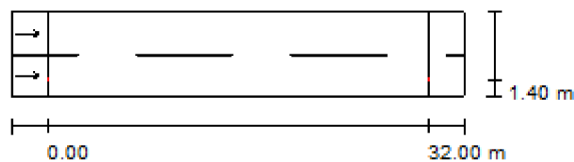
## Profils 8 / Planning data

### Street Profile

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

Maintenance factor: 0.85

### Luminaire Arrangements



Luminaire:	RoadSpark SLIM 60W
Luminous flux (Luminaire):	6072 lm
Luminous flux (Lamps):	3048 lm
Luminaire Wattage:	60.0 W
Arrangement:	Single row, bottom
Pole Distance:	32.000 m
Mounting Height (1):	7.300 m
Height:	7.300 m
Overhang (2):	1.400 m
Boom Angle (3):	10.0 °
Boom Length (4):	2.000 m

#### Maximum luminous intensities

at 70°:	1098 cd/klm
at 80°:	635 cd/klm
at 90°:	71 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.1.

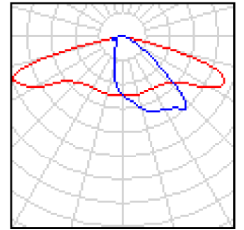
Operator  
Telephone  
Fax  
e-Mail

---

## Profils 8 / Luminaire parts list

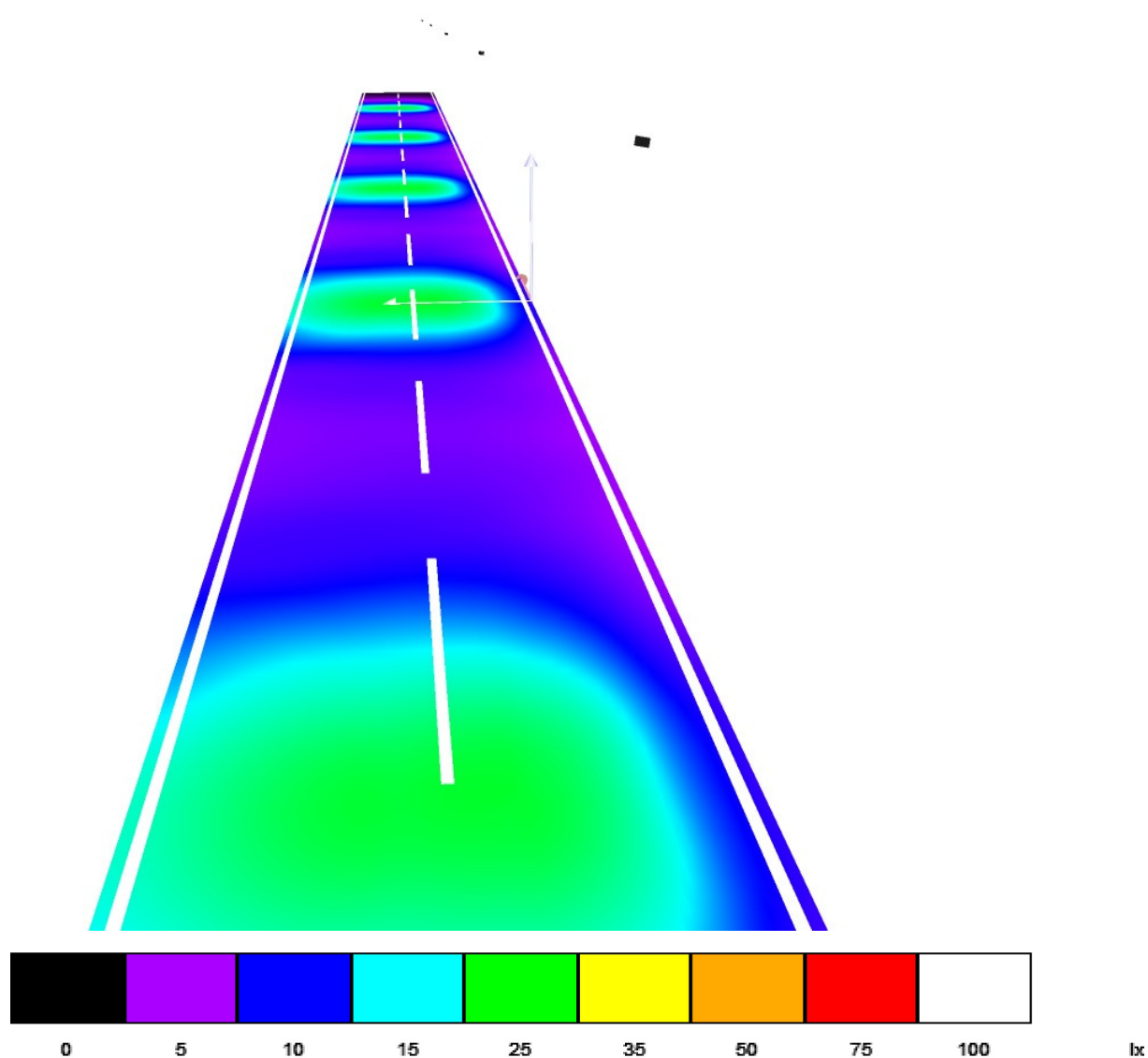
RoadSpark SLIM 60W  
Article No.:  
Luminous flux (Luminaire): 6072 lm  
Luminous flux (Lamps): 3048 lm  
Luminaire Wattage: 60.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 201  
Fitting: 1 x Cree XP-G (Correction Factor 1.000).

See our luminaire  
catalog for an image of  
the luminaire.



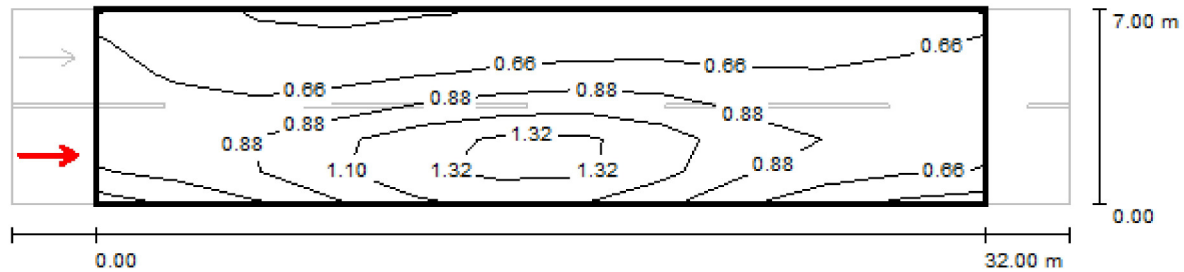
Operator  
Telephone  
Fax  
e-Mail

## Profils 8 / False Colour Rendering



Operator  
Telephone  
Fax  
e-Mail

### Profils 8 / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 272

Grid: 11 x 6 Points

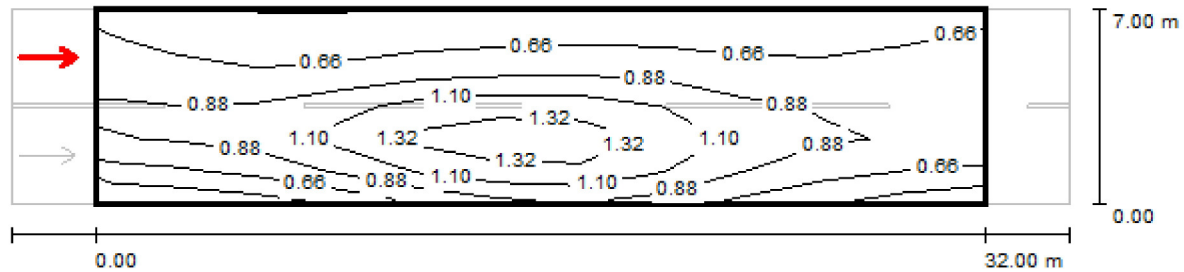
Observer Position: (-60.000 m, 1.750 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m²]	U0	UI	TI [%]
Calculated values:	0.80	0.52	0.54	15
Required values according to class ME4b:	$\geq 0.75$	$\geq 0.40$	$\geq 0.50$	$\leq 15$
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator  
Telephone  
Fax  
e-Mail

### Profils 8 / Valuation Field Roadway 1 / Observer 2 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 272

Grid: 11 x 6 Points

Observer Position: (-60.000 m, 5.250 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]
Calculated values:	0.84	0.48	0.79	11
Required values according to class ME4b:	$\geq 0.75$	$\geq 0.40$	$\geq 0.50$	$\leq 15$
Fulfilled/Not fulfilled:	✓	✓	✓	✓