

## **Daugavpils nov. dimmēts režīms**

Demene, Briģenes iela  
Demene, Pumpuru iela  
Demene, Ezeru iela  
Demene, Teritorija pie Kultūras nama  
Dubna, Sporta iela  
Dubna, Nākotnes iela (pie ēkas nr. 1A; 3; 5; 7; 9)  
Silene, Skaiska iela  
Silene, Aizupes iela (pie pasta nodaļas)  
Silene, Skolas iela  
Silene, Dīķu iela  
Silene, Teritorija pie skolas (skolas iela 19)  
Silene, Austrumu iela

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

Date: 11.04.2015  
Operator:

Operator  
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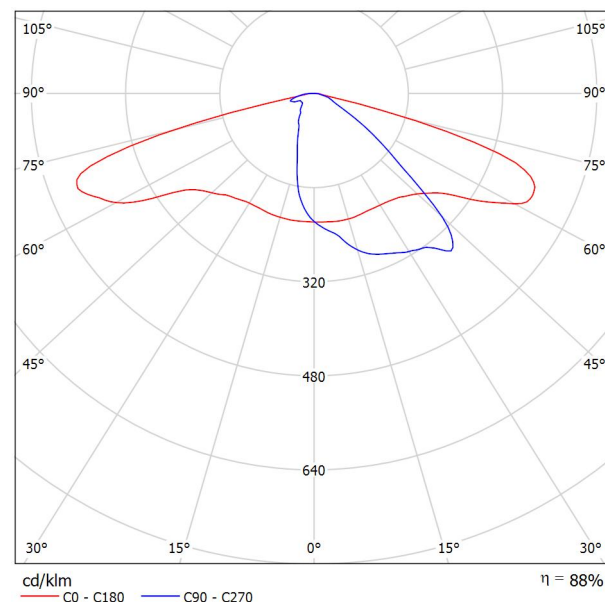
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## SIA Elnitor RoadSpark SLIM 80W / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 88

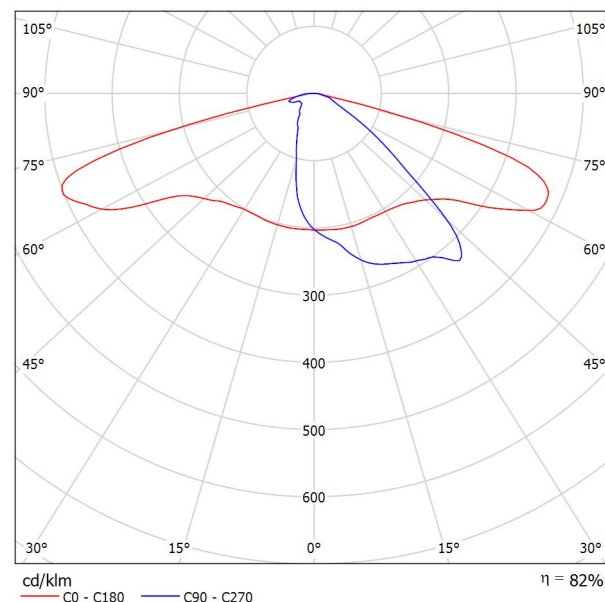
Due to missing symmetry properties, no UGR table  
can be displayed for this luminaire.

Operator  
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## RoadSpark SLIM 60W / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 82

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

Operator  
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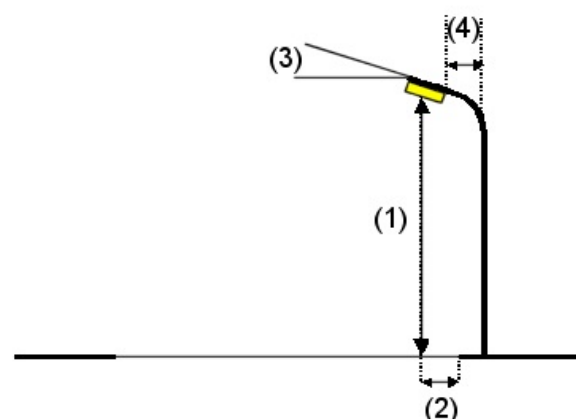
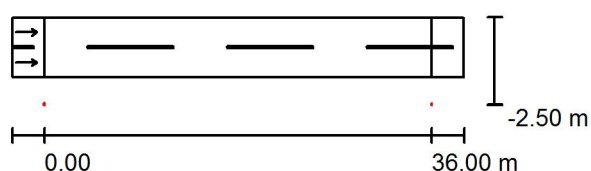
## Demene, Briģenes iela / Planning data

### Street Profile

Roadway 1 (Width: 5.500 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Maintenance factor: 0.85

### Luminaire Arrangements



Luminaire: SIA Elnitor RoadSpark SLIM 80W

Luminous flux (Luminaire): 8081 lm

Luminous flux (Lamps): 9200 lm

Luminaire Wattage: 80.0 W

Arrangement: Single row, bottom

Pole Distance: 36.000 m

Mounting Height (1): 8.000 m

Height: 8.000 m

Overhang (2): -2.500 m

Boom Angle (3): 0.0 °

Boom Length (4): 1.500 m

Maximum luminous intensities

at 70°: 492 cd/klm

at 80°: 103 cd/klm

at 90°: 13 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 G2.

Arrangement complies with glare index class D.4.

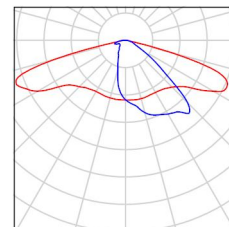
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## Demene, Brīgenes iela / Luminaire parts list

SIA Elnitor RoadSpark SLIM 80W  
Article No.:  
Luminous flux (Luminaire): 8081 lm  
Luminous flux (Lamps): 9200 lm  
Luminaire Wattage: 80.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 88  
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire  
catalog for an image of  
the luminaire.





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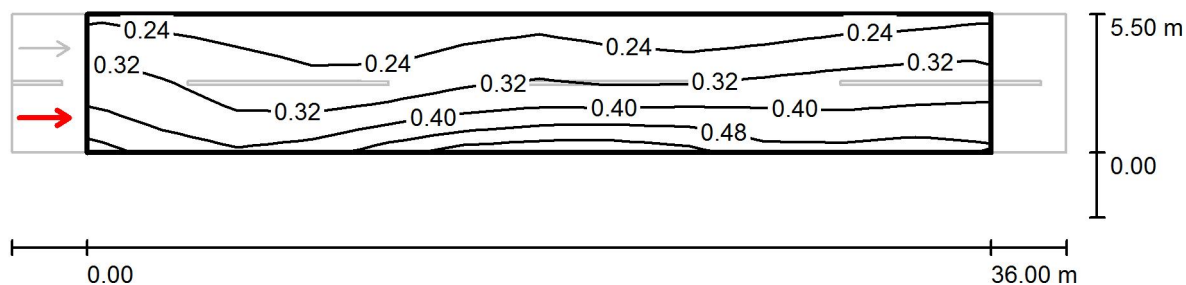
## Demene, Briģenes iela / False Colour Rendering



0 20 30 40 50 70 90 120 300 lx

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### Demene, Brīgenes iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 301

Grid: 12 x 6 Points

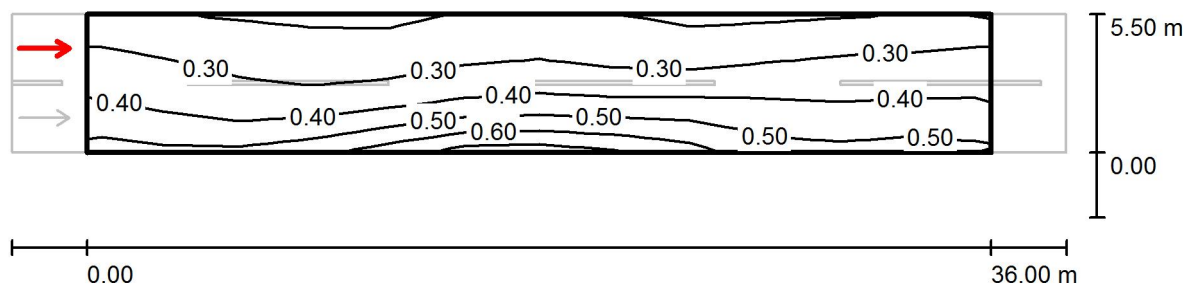
Observer Position: (-60.000 m, 1.375 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m²]	U0	UI	TI [%]
Calculated values:	0.33	0.53	0.70	13
Required values according to class ME6:	$\geq 0.30$	$\geq 0.35$	$\geq 0.40$	$\leq 15$
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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e-Mail

### Demene, Brīgenes iela / Valuation Field Roadway 1 / Observer 2 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 301

Grid: 12 x 6 Points

Observer Position: (-60.000 m, 4.125 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]
Calculated values:	0.36	0.51	0.73	8
Required values according to class ME6:	≥ 0.30	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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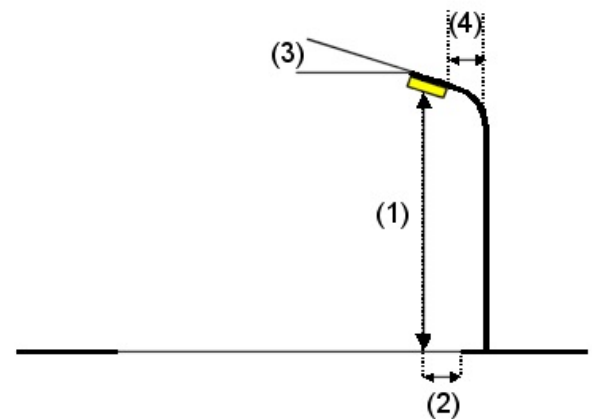
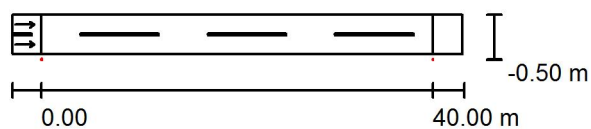
## Demene, Pumpuru iela / Planning data

### Street Profile

Roadway 1 (Width: 4.000 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):	7440 lm
Luminaire Wattage:	60.0 W
Arrangement:	Single row, bottom
Pole Distance:	40.000 m
Mounting Height (1):	8.000 m
Height:	8.000 m
Overhang (2):	-0.500 m
Boom Angle (3):	0.0 °
Boom Length (4):	1.500 m

#### Maximum luminous intensities

at 70°:	457 cd/klm
at 80°:	96 cd/klm
at 90°:	12 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 G3.

Arrangement complies with glare index class D.4.

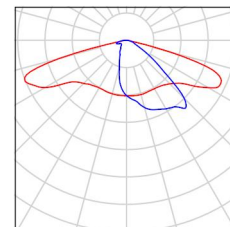
Operator  
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## Demene, Pumpuru iela / Luminaire parts list

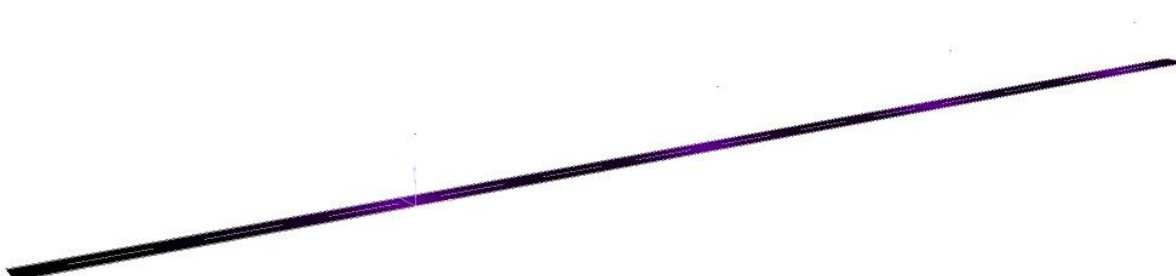
RoadSpark SLIM 60W  
Article No.:  
Luminous flux (Luminaire): 6072 lm  
Luminous flux (Lamps): 7440 lm  
Luminaire Wattage: 60.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 82  
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire  
catalog for an image of  
the luminaire.



Operator  
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Fax  
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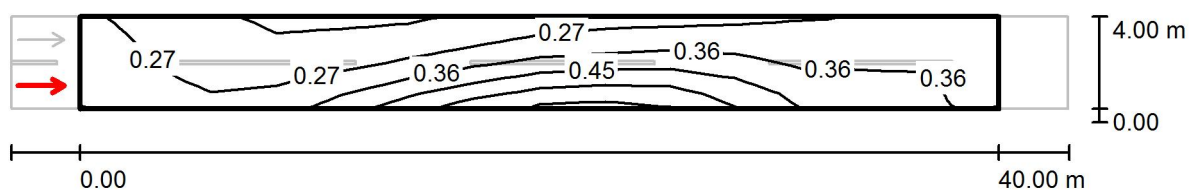
## Demene, Pumpuru iela / False Colour Rendering



0 20 30 40 50 70 90 120 300 lx

Operator  
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### Demene, Pumpuru iela / Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 329

Grid: 14 x 6 Points

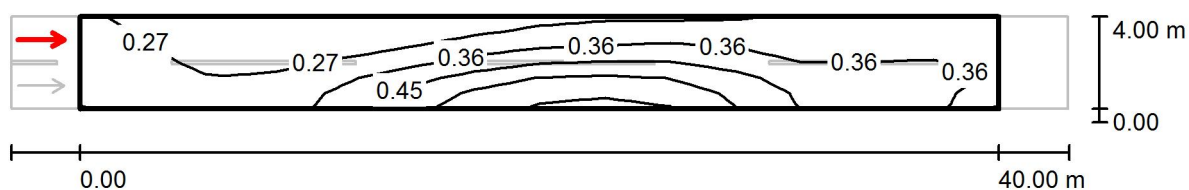
Observer Position: (-60.000 m, 1.000 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]
Calculated values:	0.33	0.51	0.46	12
Required values according to class ME6:	$\geq 0.30$	$\geq 0.35$	$\geq 0.40$	$\leq 15$
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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### Demene, Pumpuru iela / Roadway 1 / Observer 2 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 329

Grid: 14 x 6 Points

Observer Position: (-60.000 m, 3.000 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]
Calculated values:	0.36	0.51	0.53	9
Required values according to class ME6:	$\geq 0.30$	$\geq 0.35$	$\geq 0.40$	$\leq 15$
Fulfilled/Not fulfilled:	✓	✓	✓	✓



Operator  
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Fax  
e-Mail

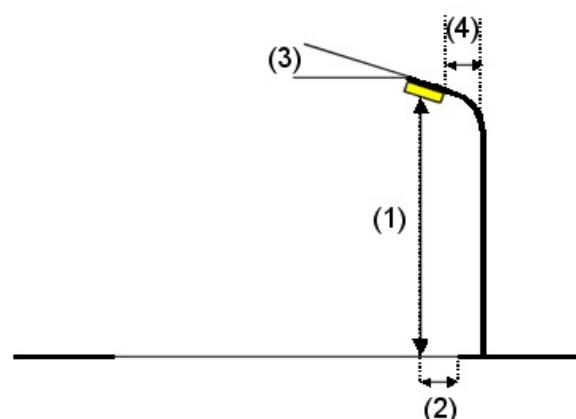
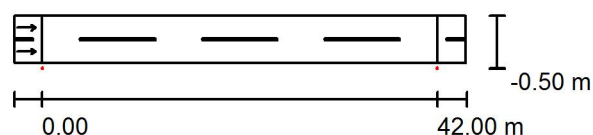
## Demene, Ezeru iela / Planning data

### Street Profile

Roadway 1 (Width: 5.000 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):	7440 lm
Luminaire Wattage:	60.0 W
Arrangement:	Single row, bottom
Pole Distance:	42.000 m
Mounting Height (1):	8.000 m
Height:	8.000 m
Overhang (2):	-0.500 m
Boom Angle (3):	0.0 °
Boom Length (4):	1.500 m

### Maximum luminous intensities

at 70°:	457 cd/klm
at 80°:	96 cd/klm
at 90°:	12 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 G3.

Arrangement complies with glare index class D.4.

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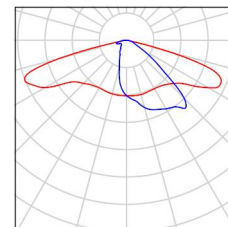
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**Demene, Ezeru iela / Luminaire parts list**

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RoadSpark SLIM 60W  
Article No.:  
Luminous flux (Luminaire): 6072 lm  
Luminous flux (Lamps): 7440 lm  
Luminaire Wattage: 60.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 82  
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire  
catalog for an image of  
the luminaire.



Operator  
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Fax  
e-Mail

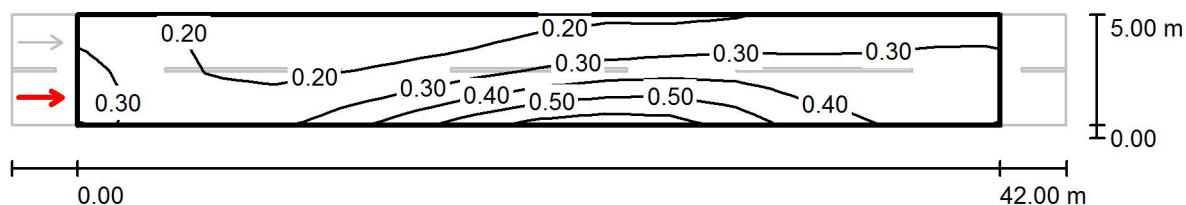
## Demene, Ezeru iela / False Colour Rendering



0 20 30 40 50 70 90 120 300 lx

Operator  
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e-Mail

### Demene, Ezeru iela / Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 344

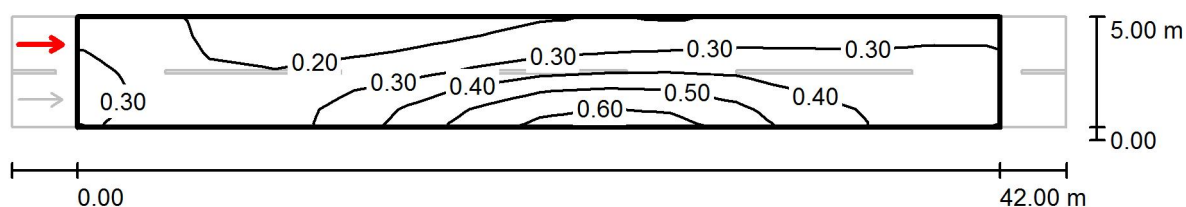
Grid: 14 x 6 Points

Observer Position: (-60.000 m, 1.250 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]
Calculated values:	0.30	0.45	0.41	13
Required values according to class ME6:	$\geq 0.30$	$\geq 0.35$	$\geq 0.40$	$\leq 15$
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator  
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e-Mail

**Demene, Ezeru iela / Roadway 1 / Observer 2 / Isolines (L)**

Values in Candela/m², Scale 1 : 344

Grid: 14 x 6 Points

Observer Position: (-60.000 m, 3.750 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m²]	U0	UI	TI [%]
Calculated values:	0.32	0.45	0.54	10
Required values according to class ME6:	$\geq 0.30$	$\geq 0.35$	$\geq 0.40$	$\leq 15$
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator  
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Fax  
e-Mail

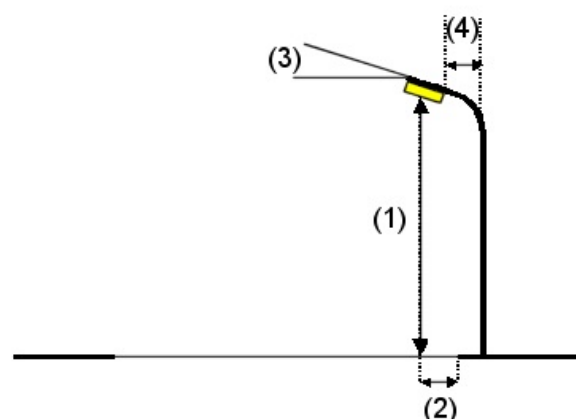
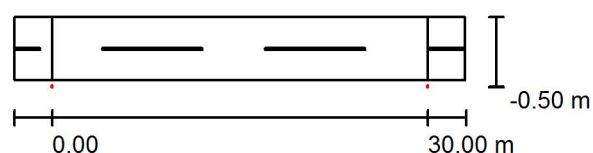
## Teritorija pie Kultūras nama / Planning data

### Street Profile

Roadway 1 (Width: 5.000 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):	7440 lm
Luminaire Wattage:	60.0 W
Arrangement:	Single row, bottom
Pole Distance:	30.000 m
Mounting Height (1):	8.000 m
Height:	8.000 m
Overhang (2):	-0.500 m
Boom Angle (3):	10.0 °
Boom Length (4):	1.500 m

#### Maximum luminous intensities

at 70°:	450 cd/klm
at 80°:	260 cd/klm
at 90°:	29 cd/klm

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

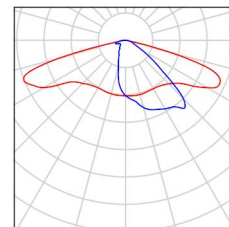
Arrangement complies with glare index class D.3.

Operator  
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## Teritorija pie Kultūras nama / Luminaire parts list

RoadSpark SLIM 60W  
Article No.:  
Luminous flux (Luminaire): 6072 lm  
Luminous flux (Lamps): 7440 lm  
Luminaire Wattage: 60.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 82  
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire  
catalog for an image of  
the luminaire.



Operator  
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## Teritorija pie Kultūras nama / False Colour Rendering

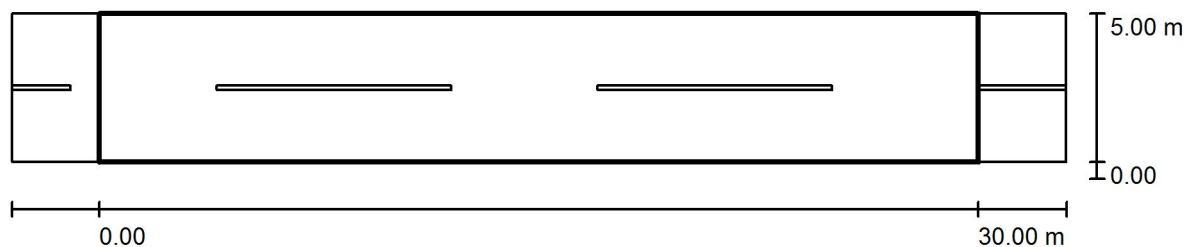


lx



Operator  
Telephone  
Fax  
e-Mail

### Teritorija pie Kultūras nama / Roadway 1 / Results overview



Maintenance factor: 0.85

Scale 1:258

Grid: 10 x 4 Points

Accompanying Street Elements: Roadway 1.

Selected Lighting Class: S4

(All lighting performance requirements are met.)

Calculated values:

Required values according to class:

Fulfilled/Not fulfilled:

$E_{av}$  [lx]

5.62

$\geq 5.00$



$E_{min}$  [lx]

3.49

$\geq 1.00$



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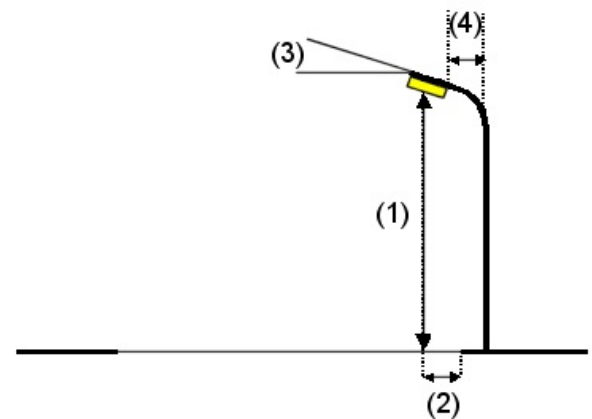
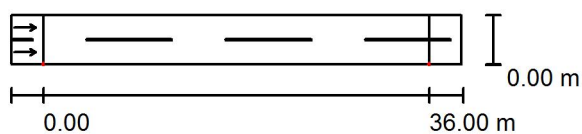
## Dubna, Sporta iela / Planning data

### Street Profile

Roadway 1 (Width: 4.500 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):	7440 lm
Luminaire Wattage:	60.0 W
Arrangement:	Single row, bottom
Pole Distance:	36.000 m
Mounting Height (1):	8.000 m
Height:	8.000 m
Overhang (2):	0.000 m
Boom Angle (3):	10.0 °
Boom Length (4):	1.000 m

#### Maximum luminous intensities

at 70°:	450 cd/klm
at 80°:	260 cd/klm
at 90°:	29 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.3.

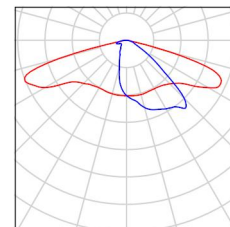
Operator  
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## Dubna, Sporta iela / Luminaire parts list

RoadSpark SLIM 60W  
Article No.:  
Luminous flux (Luminaire): 6072 lm  
Luminous flux (Lamps): 7440 lm  
Luminaire Wattage: 60.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 82  
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire  
catalog for an image of  
the luminaire.



Operator  
Telephone  
Fax  
e-Mail

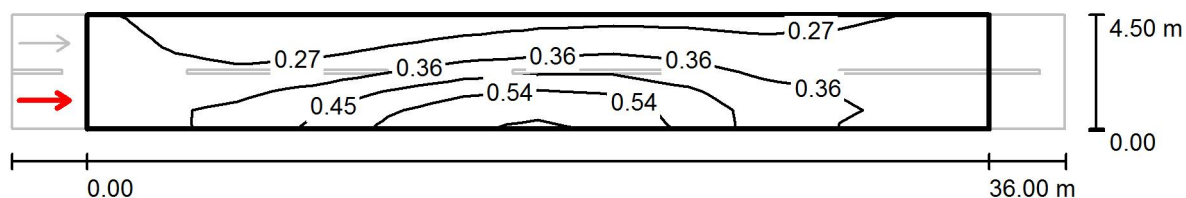
## Dubna, Sporta iela / False Colour Rendering



0 20 30 40 50 70 90 120 300 lx

Operator  
Telephone  
Fax  
e-Mail

### Dubna, Sporta iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 301

Grid: 12 x 6 Points

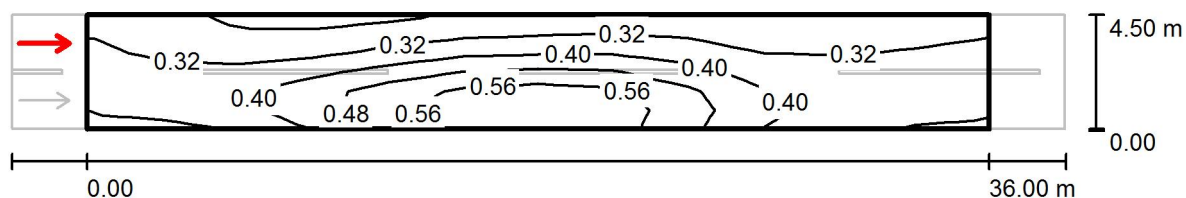
Observer Position: (-60.000 m, 1.125 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]
Calculated values:	0.36	0.54	0.59	11
Required values according to class ME6:	$\geq 0.30$	$\geq 0.35$	$\geq 0.40$	$\leq 15$
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator  
Telephone  
Fax  
e-Mail

### Dubna, Sporta iela / Valuation Field Roadway 1 / Observer 2 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 301

Grid: 12 x 6 Points

Observer Position: (-60.000 m, 3.375 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]
Calculated values:	0.38	0.58	0.70	9
Required values according to class ME6:	$\geq 0.30$	$\geq 0.35$	$\geq 0.40$	$\leq 15$
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator  
Telephone  
Fax  
e-Mail

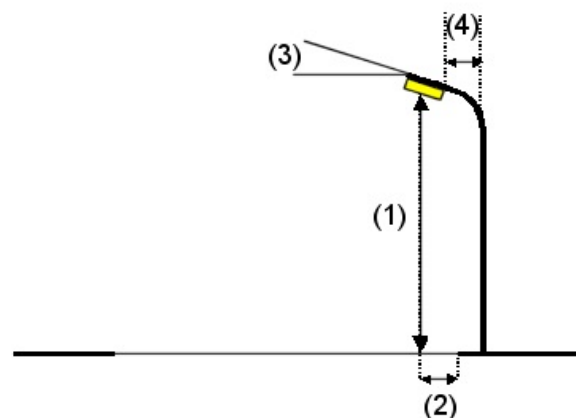
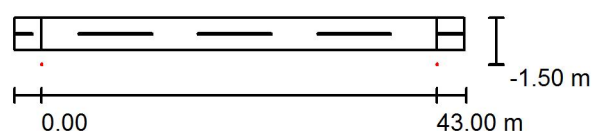
## Dubna, Nākotnes iela (pie ēkas nr. 1A; 3; 5; 7; 9) / Planning data

### Street Profile

Roadway 1 (Width: 3.500 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):	7440 lm
Luminaire Wattage:	60.0 W
Arrangement:	Single row, bottom
Pole Distance:	43.000 m
Mounting Height (1):	8.000 m
Height:	8.000 m
Overhang (2):	-1.500 m
Boom Angle (3):	5.0 °
Boom Length (4):	1.000 m

#### Maximum luminous intensities

at 70°:	465 cd/klm
at 80°:	175 cd/klm
at 90°:	18 cd/klm

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

No luminous intensities above 95°.

Arrangement complies with luminous intensity class G1.

Arrangement complies with glare index class D.4.

Operator  
Telephone  
Fax  
e-Mail

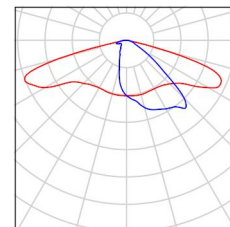
---

**Dubna, Nākotnes iela (pie ēkas nr. 1A; 3; 5; 7; 9) / Luminaire parts list**

---

RoadSpark SLIM 60W  
Article No.:  
Luminous flux (Luminaire): 6072 lm  
Luminous flux (Lamps): 7440 lm  
Luminaire Wattage: 60.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 82  
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

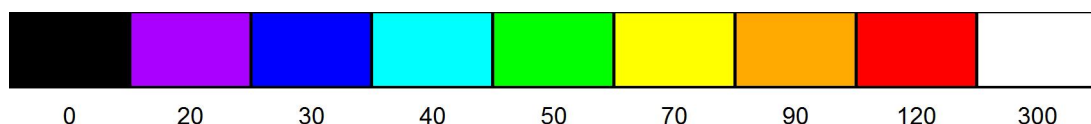
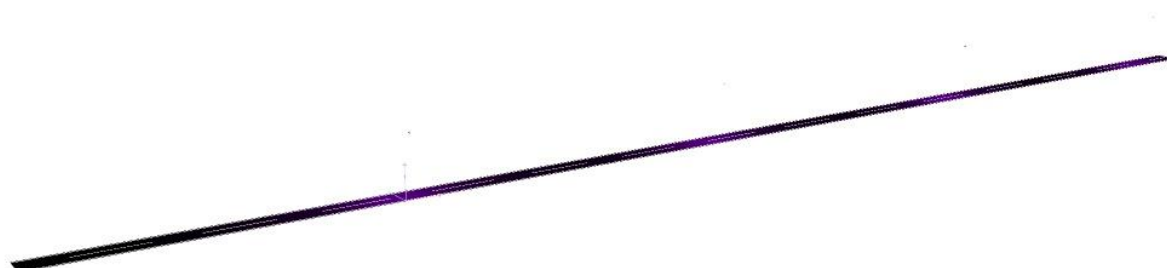
See our luminaire  
catalog for an image of  
the luminaire.





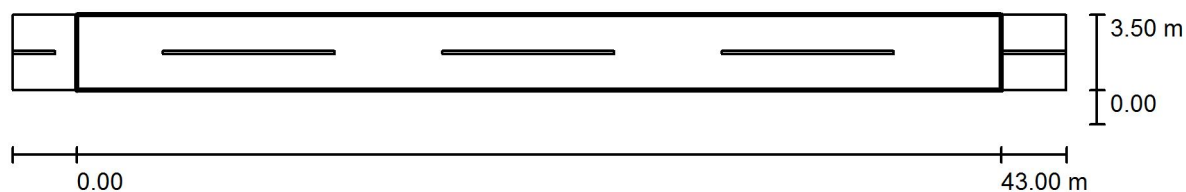
Operator  
Telephone  
Fax  
e-Mail

**Dubna, Nākotnes iela (pie ēkas nr. 1A; 3; 5; 7; 9) / False Colour Rendering**



Operator  
Telephone  
Fax  
e-Mail

## Dubna, Nākotnes iela (pie ēkas nr. 1A; 3; 5; 7; 9) / Valuation Field Roadway 1 / Results overview



Maintenance factor: 0.85

Scale 1:351

Grid: 15 x 3 Points

Accompanying Street Elements: Roadway 1.

Selected Lighting Class: S5

(All lighting performance requirements are met.)

Calculated values:

Required values according to class:

Fulfilled/Not fulfilled:

$E_{av}$  [lx]

4.17

$\geq 3.00$



$E_{min}$  [lx]

1.60

$\geq 0.60$



Operator  
Telephone  
Fax  
e-Mail

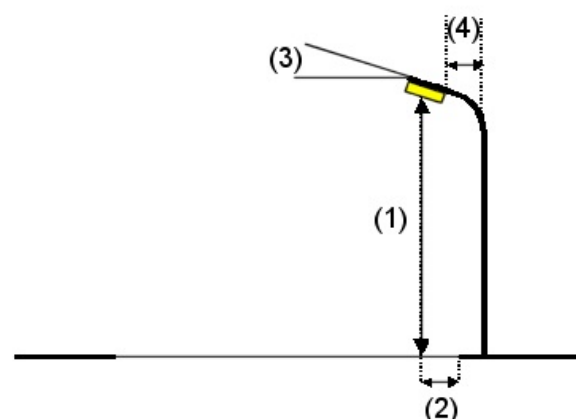
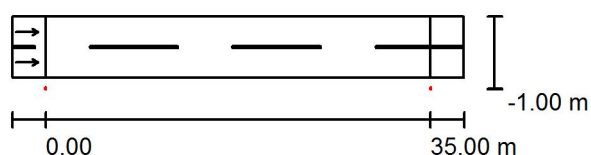
## Silene, Skaiska iela / Planning data

### Street Profile

Roadway 1 (Width: 5.500 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):	7440 lm
Luminaire Wattage:	60.0 W
Arrangement:	Single row, bottom
Pole Distance:	35.000 m
Mounting Height (1):	8.000 m
Height:	8.000 m
Overhang (2):	-1.000 m
Boom Angle (3):	5.0 °
Boom Length (4):	1.000 m

### Maximum luminous intensities

at 70°:	465 cd/klm
at 80°:	175 cd/klm
at 90°:	18 cd/klm

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

No luminous intensities above 95°.

Arrangement complies with luminous intensity class G1.

Arrangement complies with glare index class D.4.

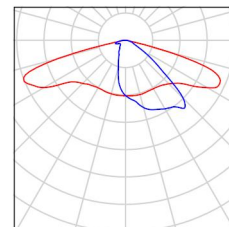
Operator  
Telephone  
Fax  
e-Mail

---

## Silene, Skaiska iela / Luminaire parts list

RoadSpark SLIM 60W  
Article No.:  
Luminous flux (Luminaire): 6072 lm  
Luminous flux (Lamps): 7440 lm  
Luminaire Wattage: 60.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 82  
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire  
catalog for an image of  
the luminaire.



Operator  
Telephone  
Fax  
e-Mail

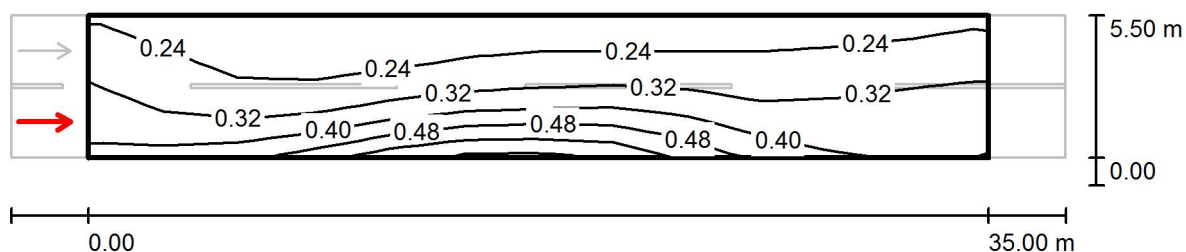
## Silene, Skaiska iela / False Colour Rendering



0 20 30 40 50 70 90 120 300 lx

Operator  
Telephone  
Fax  
e-Mail

### Silene, Skaiska iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 294

Grid: 12 x 6 Points

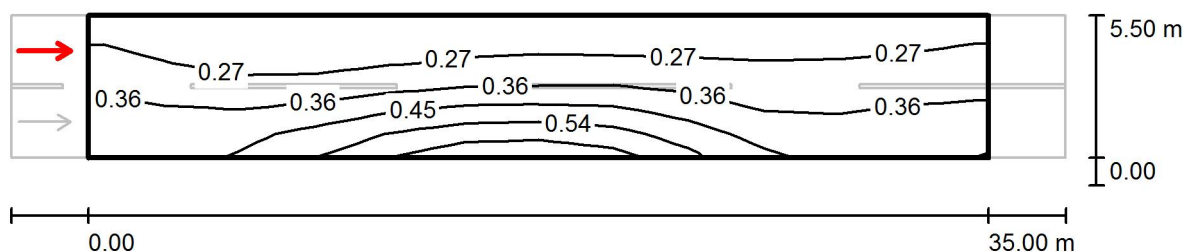
Observer Position: (-60.000 m, 1.375 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]
Calculated values:	0.31	0.58	0.68	12
Required values according to class ME6:	≥ 0.30	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator  
Telephone  
Fax  
e-Mail

### Silene, Skaiska iela / Valuation Field Roadway 1 / Observer 2 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 294

Grid: 12 x 6 Points

Observer Position: (-60.000 m, 4.125 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]
Calculated values:	0.35	0.57	0.78	8
Required values according to class ME6:	≥ 0.30	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator  
Telephone  
Fax  
e-Mail

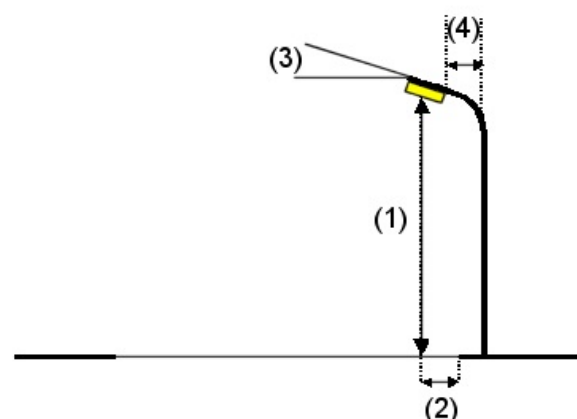
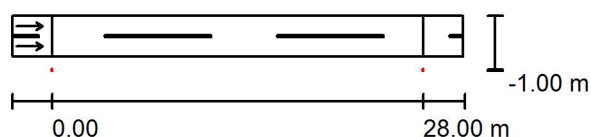
## Silene, Aizupes iela (pie pasta nodaļas) / Planning data

### Street Profile

Roadway 1 (Width: 3.000 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):	7440 lm
Luminaire Wattage:	60.0 W
Arrangement:	Single row, bottom
Pole Distance:	28.000 m
Mounting Height (1):	8.000 m
Height:	8.000 m
Overhang (2):	-1.000 m
Boom Angle (3):	5.0 °
Boom Length (4):	1.000 m

### Maximum luminous intensities

at 70°:	465 cd/klm
at 80°:	175 cd/klm
at 90°:	18 cd/klm

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

No luminous intensities above 95°.

Arrangement complies with luminous intensity class G1.

Arrangement complies with glare index class D.4.



Operator  
Telephone  
Fax  
e-Mail

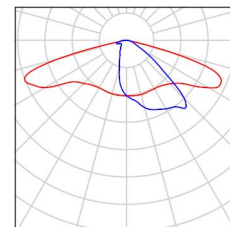
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**Silene, Aizupes iela (pie pasta nodaļas) / Luminaire parts list**

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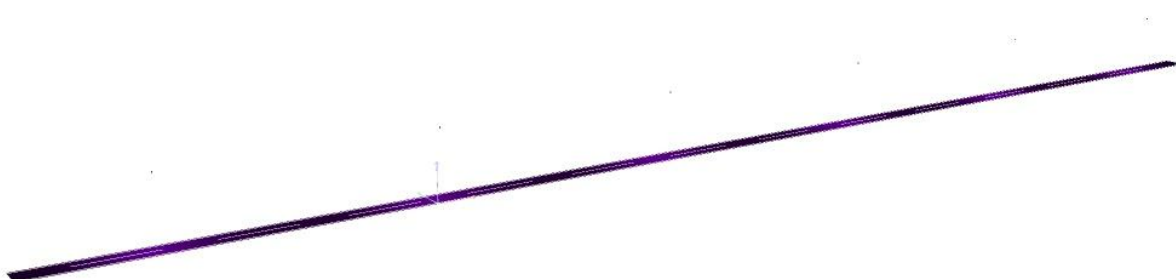
RoadSpark SLIM 60W  
Article No.:  
Luminous flux (Luminaire): 6072 lm  
Luminous flux (Lamps): 7440 lm  
Luminaire Wattage: 60.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 82  
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire  
catalog for an image of  
the luminaire.



Operator  
Telephone  
Fax  
e-Mail

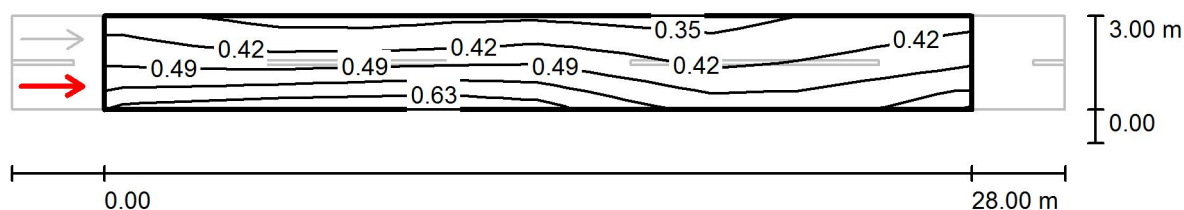
## Silene, Aizupes iela (pie pasta nodaļas) / False Colour Rendering



lx

Operator  
Telephone  
Fax  
e-Mail

**Silene, Aizupes iela (pie pasta nodaļas) / Valuation Field Roadway 1 / Observer 1 /  
Isolines (L)**



Values in Candela/m<sup>2</sup>, Scale 1 : 244

Grid: 10 x 6 Points

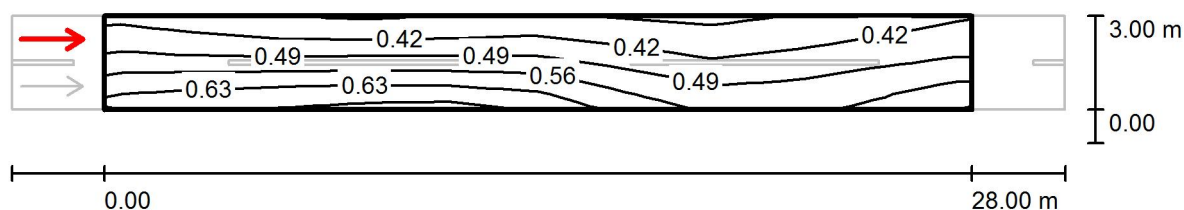
Observer Position: (-60.000 m, 0.750 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]
Calculated values:	0.47	0.69	0.79	9
Required values according to class ME6:	$\geq 0.30$	$\geq 0.35$	$\geq 0.40$	$\leq 15$
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator  
Telephone  
Fax  
e-Mail

**Silene, Aizupes iela (pie pasta nodaļas) / Valuation Field Roadway 1 / Observer 2 /  
Isolines (L)**



Values in Candela/m², Scale 1 : 244

Grid: 10 x 6 Points

Observer Position: (-60.000 m, 2.250 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m²]	U0	UI	TI [%]
Calculated values:	0.50	0.68	0.82	8
Required values according to class ME6:	$\geq 0.30$	$\geq 0.35$	$\geq 0.40$	$\leq 15$
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator  
Telephone  
Fax  
e-Mail

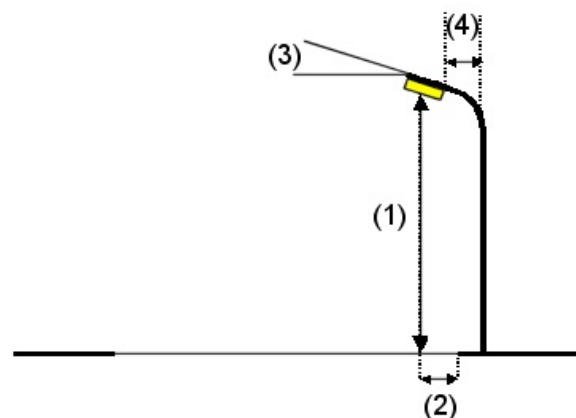
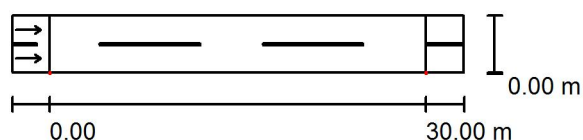
## Silene, Skolas iela / Planning data

### Street Profile

Roadway 1 (Width: 4.500 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):	7440 lm
Luminaire Wattage:	60.0 W
Arrangement:	Single row, bottom
Pole Distance:	30.000 m
Mounting Height (1):	8.000 m
Height:	8.000 m
Overhang (2):	0.000 m
Boom Angle (3):	5.0 °
Boom Length (4):	1.000 m

#### Maximum luminous intensities

at 70°:	465 cd/klm
at 80°:	175 cd/klm
at 90°:	18 cd/klm

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

No luminous intensities above 95°.

Arrangement complies with luminous intensity class G1.

Arrangement complies with glare index class D.4.

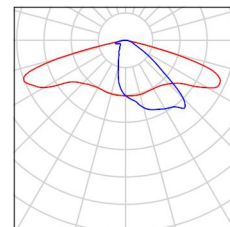
Operator  
Telephone  
Fax  
e-Mail

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## Silene, Skolas iela / Luminaire parts list

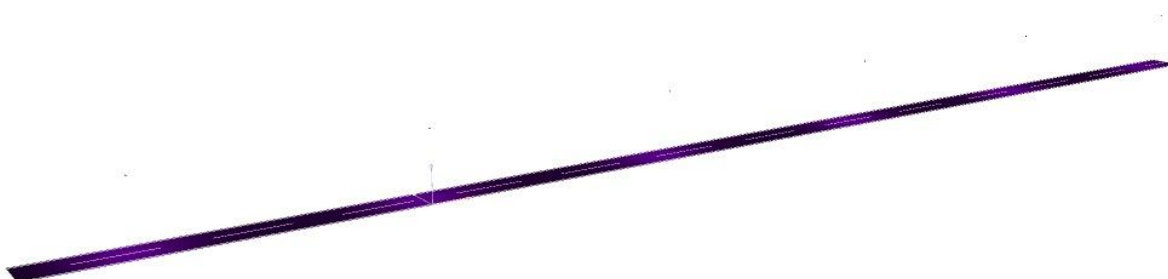
RoadSpark SLIM 60W  
Article No.:  
Luminous flux (Luminaire): 6072 lm  
Luminous flux (Lamps): 7440 lm  
Luminaire Wattage: 60.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 82  
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire  
catalog for an image of  
the luminaire.



Operator  
Telephone  
Fax  
e-Mail

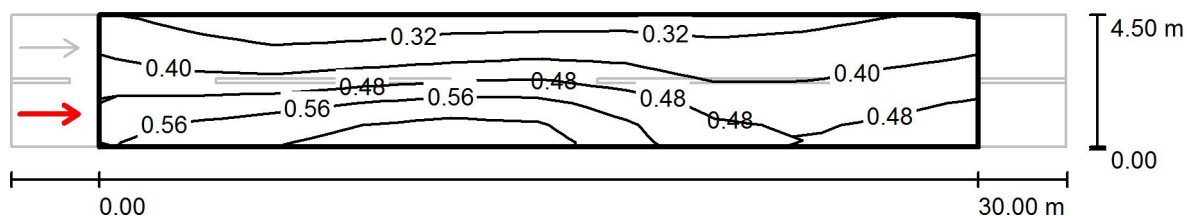
## Silene, Skolas iela / False Colour Rendering



0 20 30 40 50 70 90 120 300 lx

Operator  
Telephone  
Fax  
e-Mail

### Silene, Skolas iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 258

Grid: 10 x 6 Points

Observer Position: (-60.000 m, 1.125 m, 1.500 m)

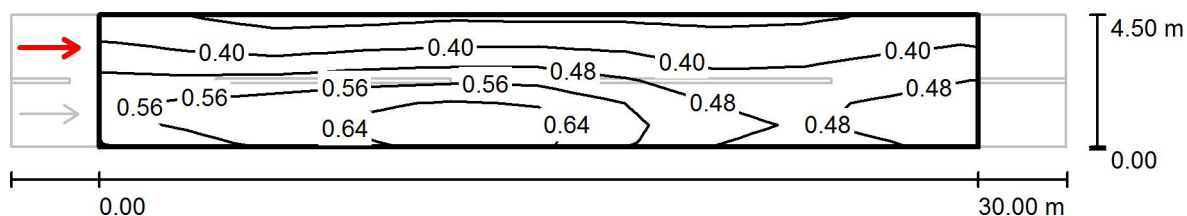
tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]
Calculated values:	0.44	0.62	0.72	10
Required values according to class ME6:	≥ 0.30	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓



Operator  
Telephone  
Fax  
e-Mail

### Silene, Skolas iela / Valuation Field Roadway 1 / Observer 2 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 258

Grid: 10 x 6 Points

Observer Position: (-60.000 m, 3.375 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]
Calculated values:	0.47	0.64	0.84	8
Required values according to class ME6:	$\geq 0.30$	$\geq 0.35$	$\geq 0.40$	$\leq 15$
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator  
Telephone  
Fax  
e-Mail

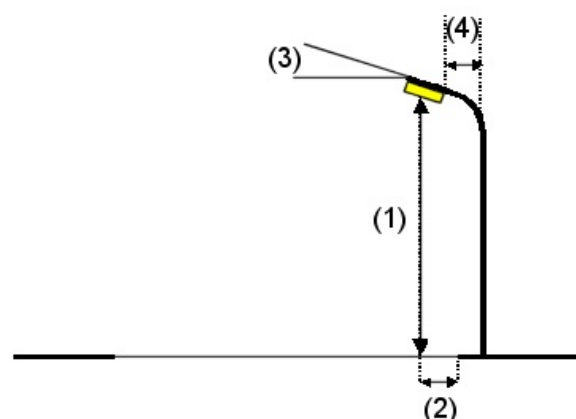
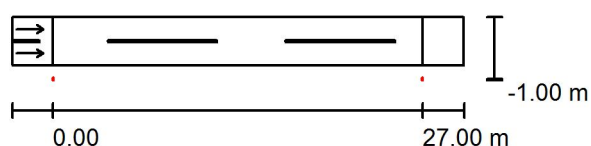
## Silene, Dīķu iela / Planning data

### Street Profile

Roadway 1 (Width: 3.500 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):	7440 lm
Luminaire Wattage:	60.0 W
Arrangement:	Single row, bottom
Pole Distance:	27.000 m
Mounting Height (1):	8.000 m
Height:	8.000 m
Overhang (2):	-1.000 m
Boom Angle (3):	5.0 °
Boom Length (4):	1.000 m

### Maximum luminous intensities

at 70°:	465 cd/klm
at 80°:	175 cd/klm
at 90°:	18 cd/klm

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

No luminous intensities above 95°.

Arrangement complies with luminous intensity class G1.

Arrangement complies with glare index class D.4.

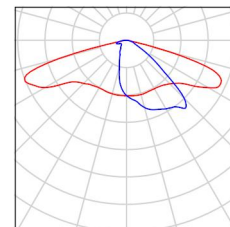
Operator  
Telephone  
Fax  
e-Mail

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## Silene, Dīķu iela / Luminaire parts list

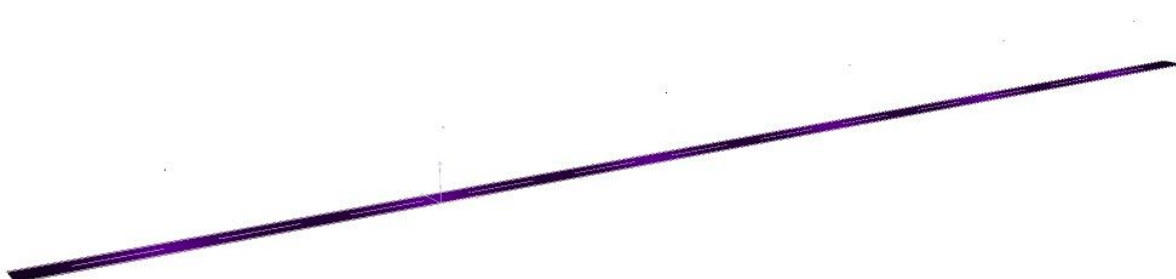
RoadSpark SLIM 60W  
Article No.:  
Luminous flux (Luminaire): 6072 lm  
Luminous flux (Lamps): 7440 lm  
Luminaire Wattage: 60.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 82  
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire  
catalog for an image of  
the luminaire.



Operator  
Telephone  
Fax  
e-Mail

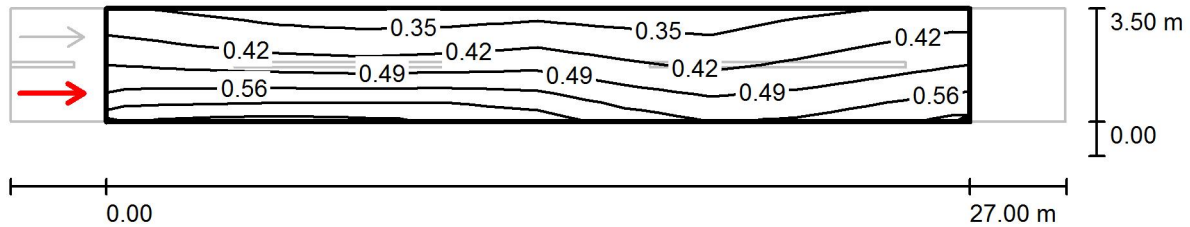
## Silene, Dīķu iela / False Colour Rendering



0 20 30 40 50 70 90 120 300 lx

Operator  
Telephone  
Fax  
e-Mail

### Silene, Dīķu iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 236

Grid: 10 x 6 Points

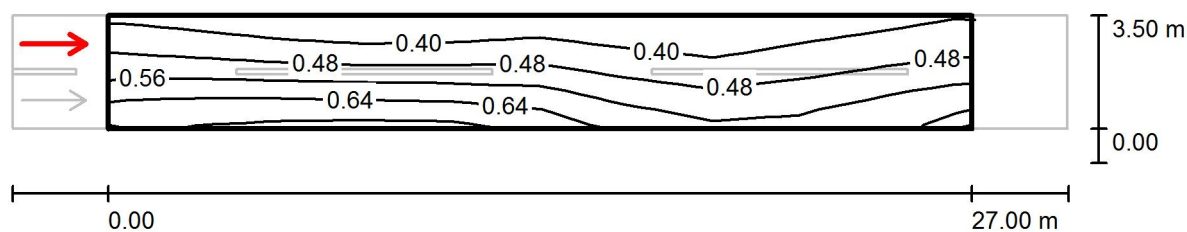
Observer Position: (-60.000 m, 0.875 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m²]	U0	UI	TI [%]
Calculated values:	0.47	0.66	0.81	9
Required values according to class ME6:	$\geq 0.30$	$\geq 0.35$	$\geq 0.40$	$\leq 15$
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator  
Telephone  
Fax  
e-Mail

### Silene, Dīķu iela / Valuation Field Roadway 1 / Observer 2 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 236

Grid: 10 x 6 Points

Observer Position: (-60.000 m, 2.625 m, 1.500 m)

tarmac: R3, q0: 0.070

	$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]
Calculated values:	0.50	0.63	0.79	7
Required values according to class ME6:	≥ 0.30	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator  
Telephone  
Fax  
e-Mail

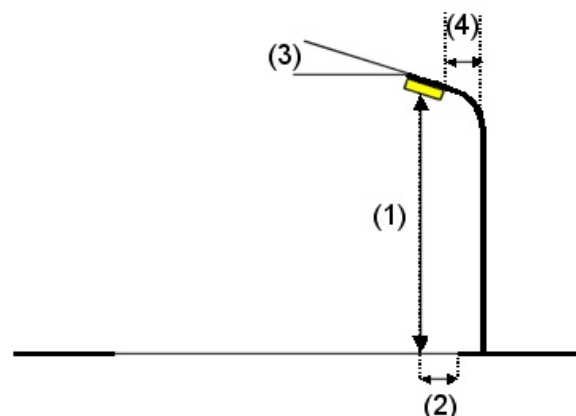
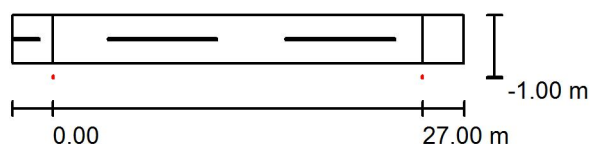
## Silene, Teritorija pie skolas (skolas iela 19) / Planning data

### Street Profile

Roadway 1 (Width: 3.500 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):	7440 lm
Luminaire Wattage:	60.0 W
Arrangement:	Single row, bottom
Pole Distance:	27.000 m
Mounting Height (1):	8.000 m
Height:	8.000 m
Overhang (2):	-1.000 m
Boom Angle (3):	5.0 °
Boom Length (4):	1.000 m

#### Maximum luminous intensities

at 70°:	465 cd/klm
at 80°:	175 cd/klm
at 90°:	18 cd/klm

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

No luminous intensities above 95°.

Arrangement complies with luminous intensity class G1.

Arrangement complies with glare index class D.4.

Operator  
Telephone  
Fax  
e-Mail

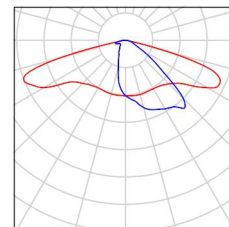
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**Silene, Teritorija pie skolas (skolas iela 19) / Luminaire parts list**

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RoadSpark SLIM 60W  
Article No.:  
Luminous flux (Luminaire): 6072 lm  
Luminous flux (Lamps): 7440 lm  
Luminaire Wattage: 60.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 82  
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

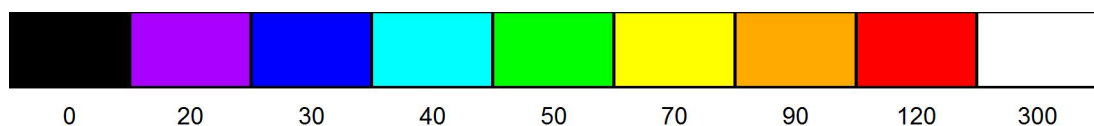
See our luminaire  
catalog for an image of  
the luminaire.





Operator  
Telephone  
Fax  
e-Mail

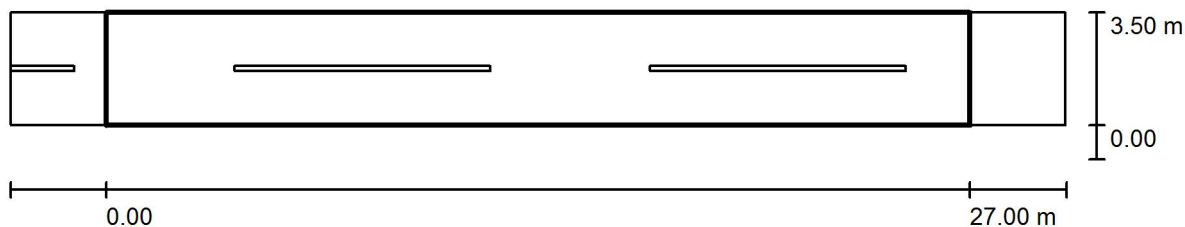
## Silene, Teritorija pie skolas (skolas iela 19) / False Colour Rendering



lx

Operator  
Telephone  
Fax  
e-Mail

## Silene, Teritorija pie skolas (skolas iela 19) / Valuation Field Roadway 1 / Results overview



Maintenance factor: 0.85

Scale 1:236

Grid: 10 x 3 Points

Accompanying Street Elements: Roadway 1.

Selected Lighting Class: S4

(All lighting performance requirements are met.)

Calculated values:

Required values according to class:

Fulfilled/Not fulfilled:

$E_{av}$  [lx]

6.69

$\geq 5.00$



$E_{min}$  [lx]

4.50

$\geq 1.00$



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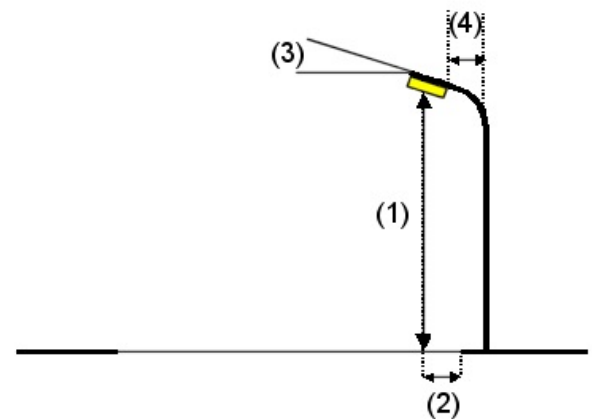
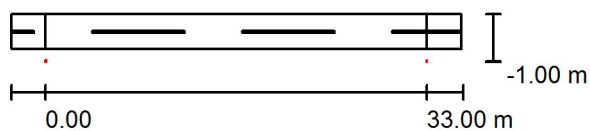
## Silene, Austrumu iela / Planning data

### Street Profile

Roadway 1 (Width: 3.000 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):	7440 lm
Luminaire Wattage:	60.0 W
Arrangement:	Single row, bottom
Pole Distance:	33.000 m
Mounting Height (1):	8.000 m
Height:	8.000 m
Overhang (2):	-1.000 m
Boom Angle (3):	10.0 °
Boom Length (4):	1.500 m

#### Maximum luminous intensities

at 70°:	450 cd/klm
at 80°:	260 cd/klm
at 90°:	29 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.3.

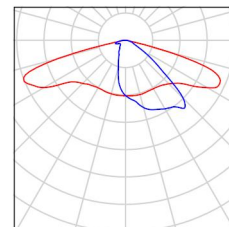
Operator  
Telephone  
Fax  
e-Mail

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## Silene, Austrumu iela / Luminaire parts list

RoadSpark SLIM 60W  
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See our luminaire  
catalog for an image of  
the luminaire.



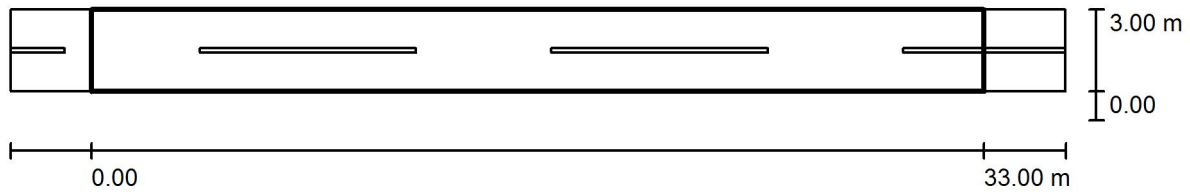
Operator  
Telephone  
Fax  
e-Mail

## Silene, Austrumu iela / False Colour Rendering



Operator  
Telephone  
Fax  
e-Mail

### Silene, Austrumu iela / Valuation Field Roadway 1 / Results overview



Maintenance factor: 0.85

Scale 1:279

Grid: 11 x 3 Points

Accompanying Street Elements: Roadway 1.

Selected Lighting Class: S4

(All lighting performance requirements are met.)

Calculated values:

Required values according to class:

Fulfilled/Not fulfilled:

$E_{av}$  [lx]

5.22

$\geq 5.00$



$E_{min}$  [lx]

3.01

$\geq 1.00$

