

## **Staicele 2 daļā dimmēts režīms**

Lauku iela  
Cepļu iela  
Dzirnavu iela  
Liela iela  
Krasta iela  
Audēju iela  
Nākotnes iela  
Priežu iela  
Gravas iela  
Meža iela

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

Date: 14.04.2015  
Operator:

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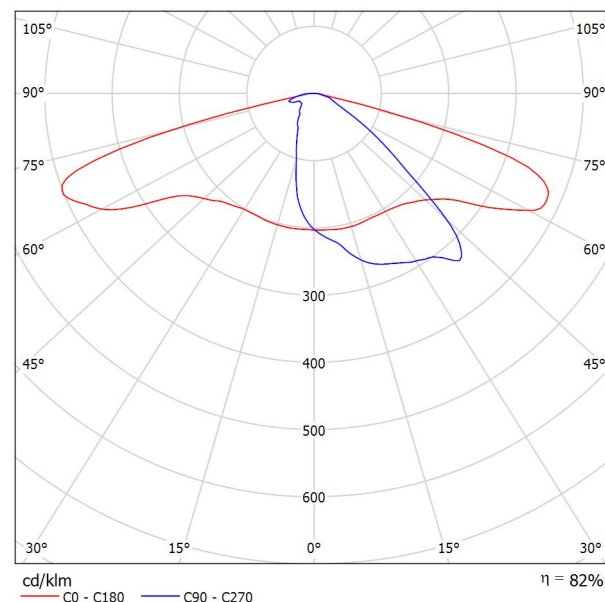
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## RoadSpark SLIM 60W / Luminaire Data Sheet

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

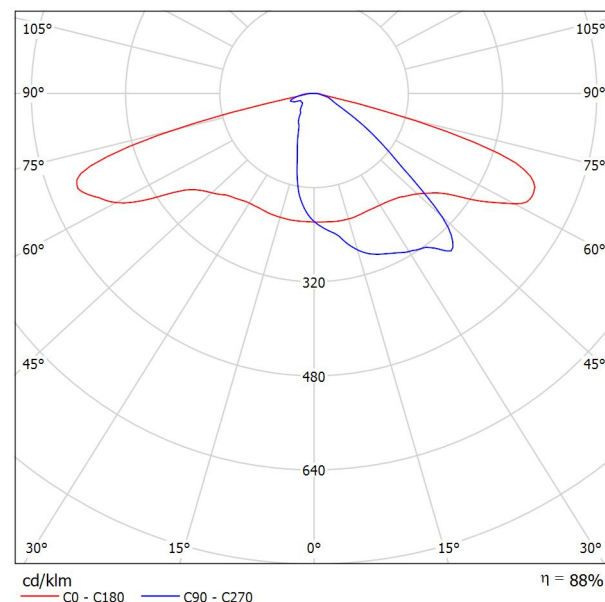
Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

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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.

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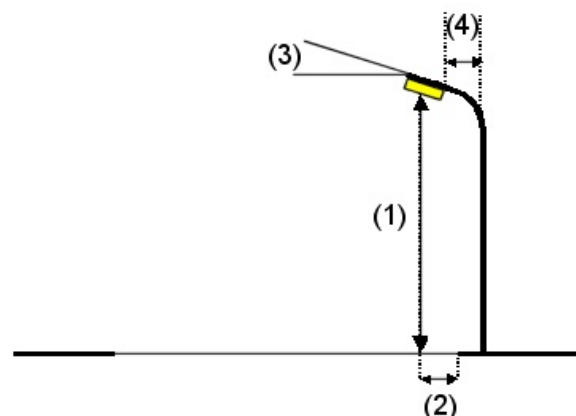
## Lauku iela / Planning data

### 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:             | 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.



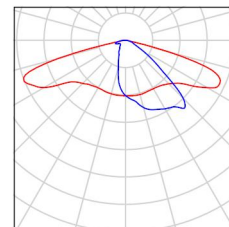
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## Lauku iela / Luminaire parts list

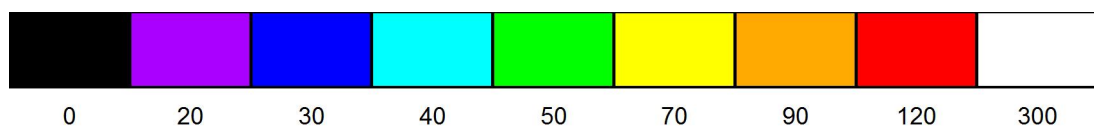
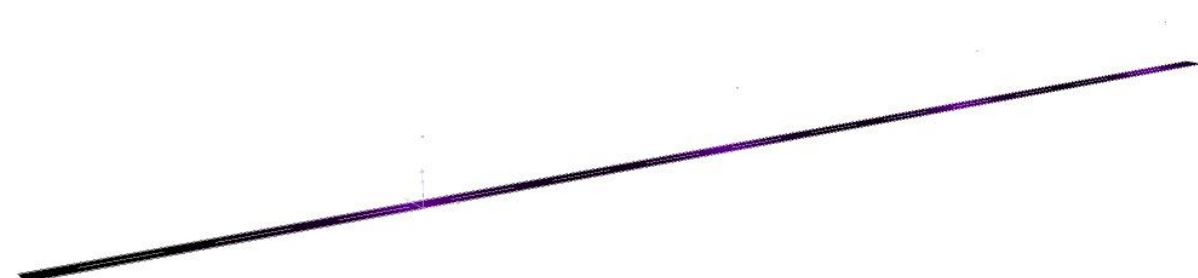
RoadSpark SLIM 60W  
Article No.:  
Luminous flux (Luminaire): 6072 lm  
Luminous flux (Lamps): 7440 lm  
Luminaire Wattage: 60.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 82  
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire  
catalog for an image of  
the luminaire.



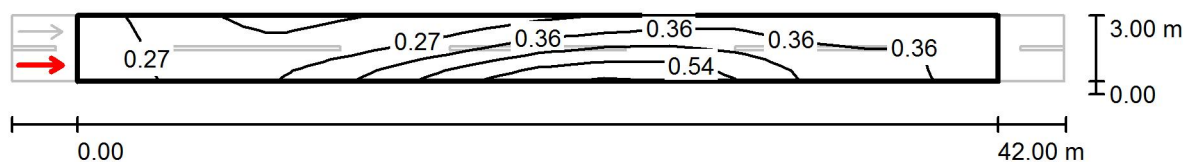
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## Lauku iela / False Colour Rendering



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### Lauku iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



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

Grid: 14 x 6 Points

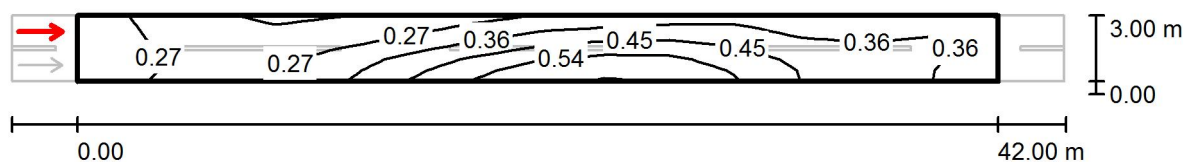
Observer Position: (-60.000 m, 0.750 m, 1.500 m)

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0          | UI          | TI [%]    |
|---|-------------------------------|-------------|-------------|-----------|
| Calculated values:                      | 0.34                          | 0.46        | 0.40        | 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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### Lauku iela / Valuation Field Roadway 1 / Observer 2 / Isolines (L)



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

Grid: 14 x 6 Points

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

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0          | UI          | TI [%]    |
|---|-------------------------------|-------------|-------------|-----------|
| Calculated values:                      | 0.36                          | 0.46        | 0.44        | 10        |
| Required values according to class ME6: | $\geq 0.30$                   | $\geq 0.35$ | $\geq 0.40$ | $\leq 15$ |
| Fulfilled/Not fulfilled:                | ✓                             | ✓           | ✓           | ✓         |

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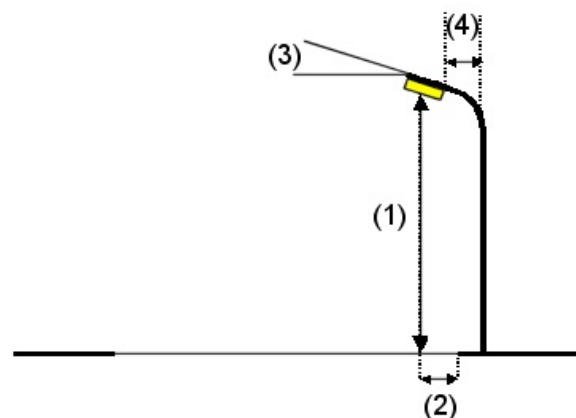
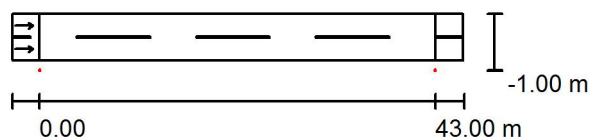
## Cepļu iela / Planning data

### 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:             | 43.000 m           |
| Mounting Height (1):       | 8.000 m            |
| Height:                    | 8.000 m            |
| Overhang (2):              | -1.000 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.

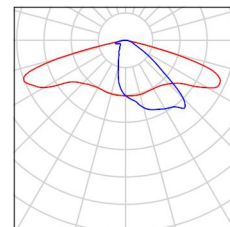
Arrangement complies with glare index class D.4.

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## Cepļu iela / Luminaire parts list

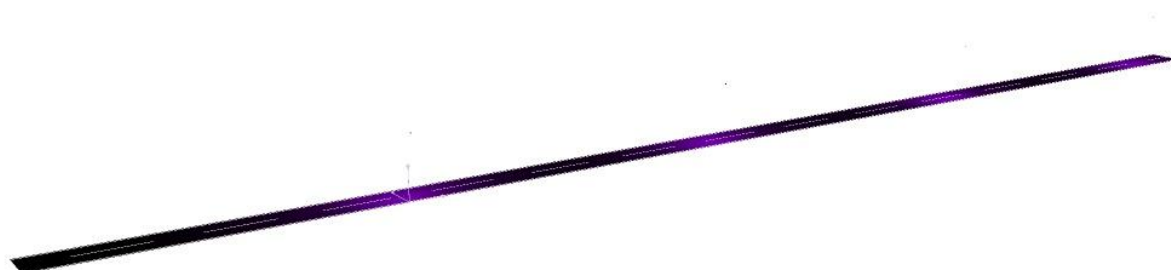
RoadSpark SLIM 60W  
Article No.:  
Luminous flux (Luminaire): 6072 lm  
Luminous flux (Lamps): 7440 lm  
Luminaire Wattage: 60.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 82  
Fitting: 1 x Cree XP-G (Correction Factor 0.600).

See our luminaire  
catalog for an image of  
the luminaire.



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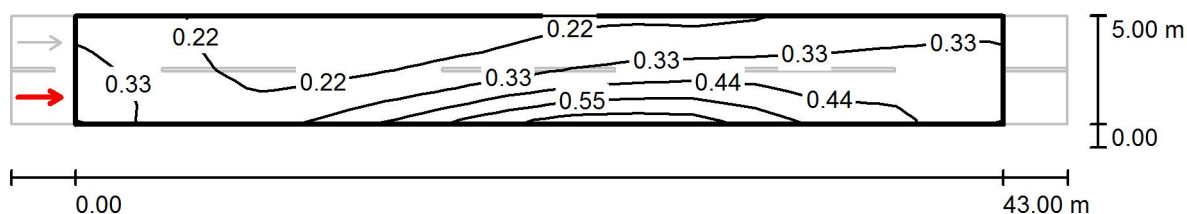
## Cepļu iela / False Colour Rendering



0 20 30 40 50 70 90 120 300 lx

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### Cepļu iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 351

Grid: 15 x 6 Points

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

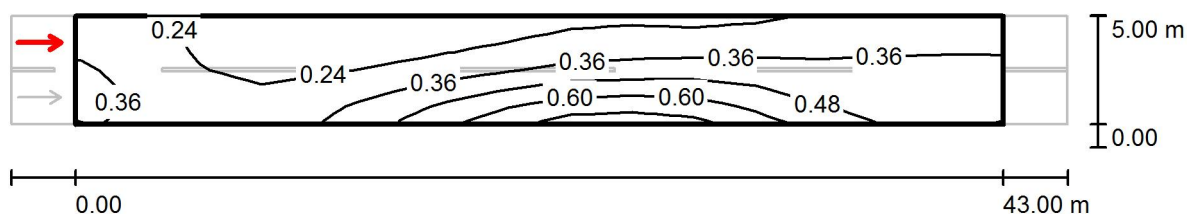
tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0          | UI          | TI [%]    |
|---|-------------------------------|-------------|-------------|-----------|
| Calculated values:                      | 0.33                          | 0.44        | 0.40        | 14        |
| Required values according to class ME6: | $\geq 0.30$                   | $\geq 0.35$ | $\geq 0.40$ | $\leq 15$ |
| Fulfilled/Not fulfilled:                | ✓                             | ✓           | ✓           | ✓         |



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



Values in Candela/m<sup>2</sup>, Scale 1 : 351

Grid: 15 x 6 Points

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

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0          | UI          | TI [%]    |
|---|-------------------------------|-------------|-------------|-----------|
| Calculated values:                      | 0.35                          | 0.43        | 0.53        | 10        |
| Required values according to class ME6: | $\geq 0.30$                   | $\geq 0.35$ | $\geq 0.40$ | $\leq 15$ |
| Fulfilled/Not fulfilled:                | ✓                             | ✓           | ✓           | ✓         |

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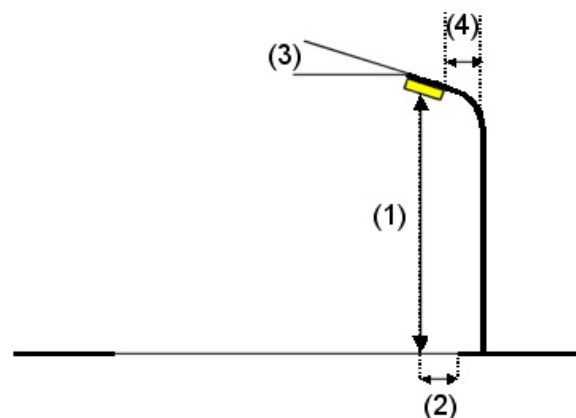
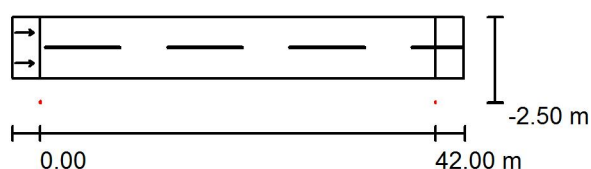
## Dzirnavu iela / Planning data

### Street Profile

Roadway 1 (Width: 6.500 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: 42.000 m

Mounting Height (1): 8.700 m

Height: 8.700 m

Overhang (2): -2.500 m

Boom Angle (3): 5.0 °

Boom Length (4): 2.000 m

Maximum luminous intensities

at 70°: 501 cd/klm

at 80°: 188 cd/klm

at 90°: 19 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.

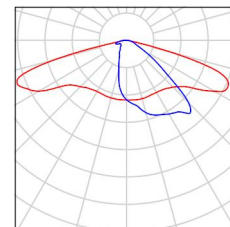
Arrangement complies with glare index class D.4.

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## Dzirnavu 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 0.600).

See our luminaire  
catalog for an image of  
the luminaire.



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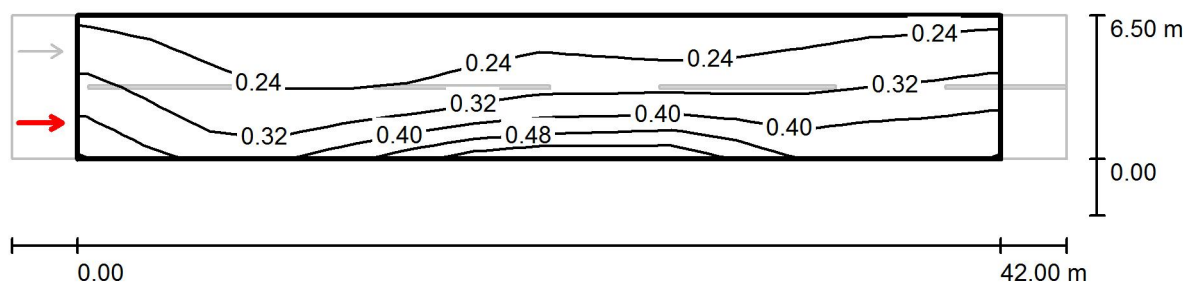
## Dzirnavu iela / False Colour Rendering



0 20 30 40 50 70 90 120 300 lx

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## Dzirnavu iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



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

Grid: 14 x 6 Points

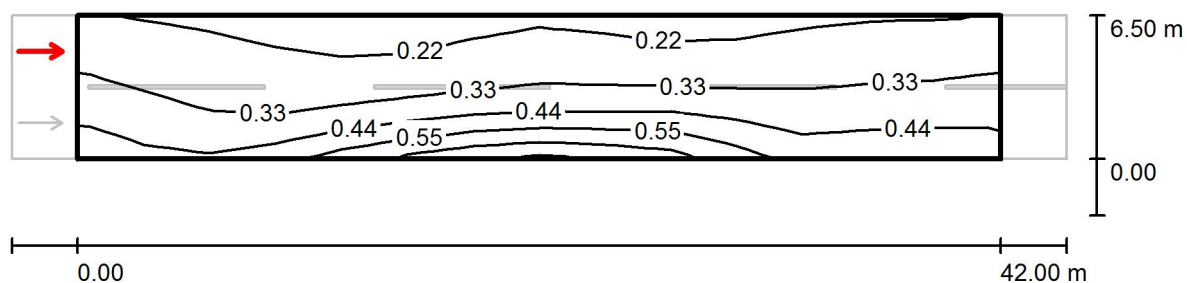
Observer Position: (-60.000 m, 1.625 m, 1.500 m)

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0     | UI     | TI [%] |
|---|-------------------------------|--------|--------|--------|
| Calculated values:                      | 0.31                          | 0.53   | 0.59   | 14     |
| Required values according to class ME6: | ≥ 0.30                        | ≥ 0.35 | ≥ 0.40 | ≤ 15   |
| Fulfilled/Not fulfilled:                | ✓                             | ✓      | ✓      | ✓      |

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



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

Grid: 14 x 6 Points

Observer Position: (-60.000 m, 4.875 m, 1.500 m)

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0     | UI     | TI [%] |
|---|-------------------------------|--------|--------|--------|
| Calculated values:                      | 0.34                          | 0.50   | 0.74   | 9      |
| Required values according to class ME6: | ≥ 0.30                        | ≥ 0.35 | ≥ 0.40 | ≤ 15   |
| Fulfilled/Not fulfilled:                | ✓                             | ✓      | ✓      | ✓      |

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## Liela iela (pirmais posms) / Planning data

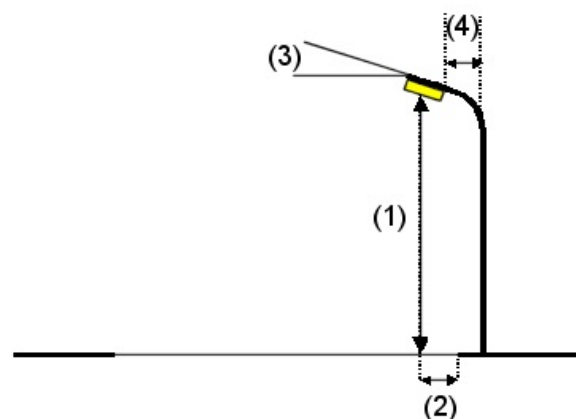
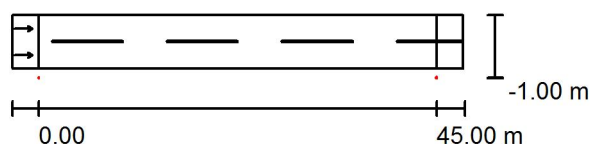
No P15 līdz tiltam

### Street Profile

Roadway 1 (Width: 6.000 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: 45.000 m  
Mounting Height (1): 8.500 m  
Height: 8.500 m  
Overhang (2): -1.000 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.

Operator  
Telephone  
Fax  
e-Mail

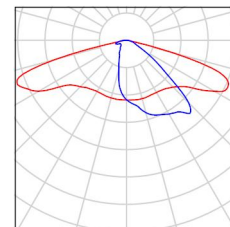
---

## Liela iela (pirmais posms) / 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).

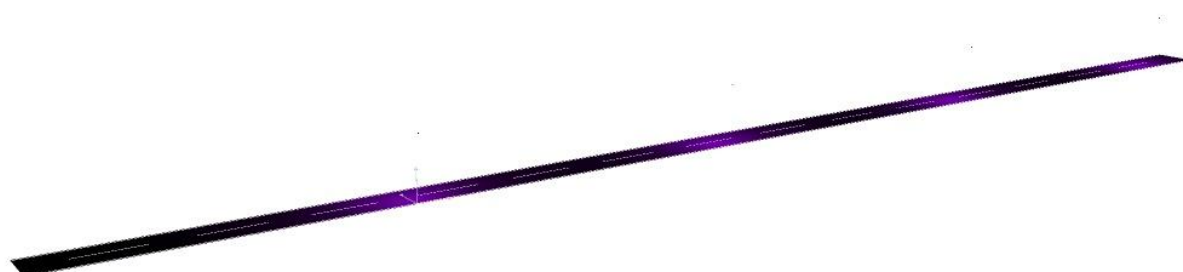
See our luminaire  
catalog for an image of  
the luminaire.





Operator  
Telephone  
Fax  
e-Mail

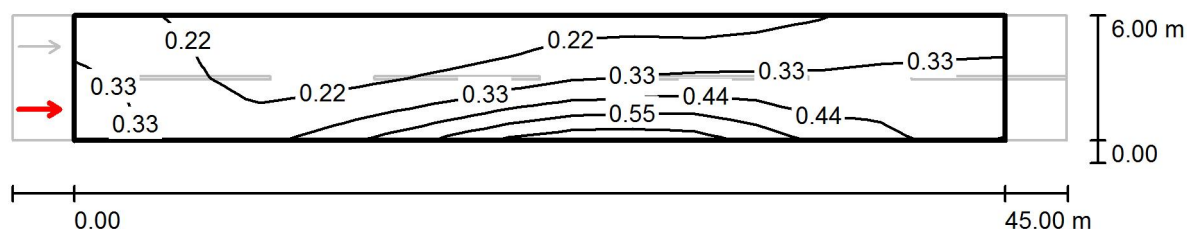
## Liela iela (pirmais posms) / False Colour Rendering



0 20 30 40 50 70 90 120 300 lx

Operator  
Telephone  
Fax  
e-Mail

# **Liela iela (pirmais posms) / Valuation Field Roadway 1 / Observer 1 / Isolines (L)**



Values in Candela/m<sup>2</sup>, Scale 1 : 365

Grid: 15 x 6 Points

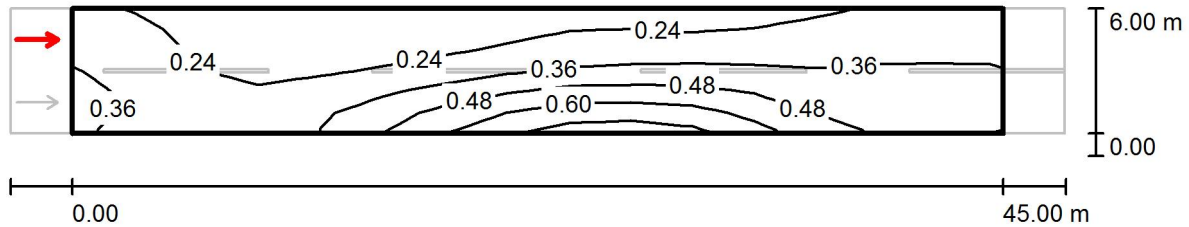
Observer Position: (-60.000 m, 1.500 m, 1.500 m)

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0          | UI          | TI [%]    |
|---|-------------------------------|-------------|-------------|-----------|
| Calculated values:                      | 0.31                          | 0.43        | 0.42        | 13        |
| 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

### Liela iela (pirmais posms) / Valuation Field Roadway 1 / Observer 2 / Isolines (L)



Values in Candela/m², Scale 1 : 365

Grid: 15 x 6 Points

Observer Position: (-60.000 m, 4.500 m, 1.500 m)

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m²] | U0          | UI          | TI [%]    |
|---|------------------|-------------|-------------|-----------|
| Calculated values:                      | 0.34             | 0.41        | 0.54        | 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

## Liela iela (otrais posms) / Planning data

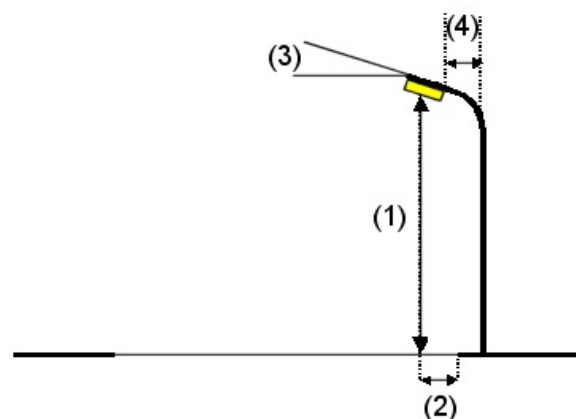
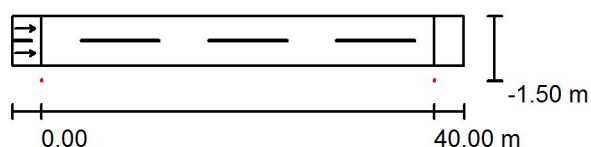
No tilta līdz Audēju ielai

### Street Profile

Roadway 1 (Width: 5.000 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: 40.000 m  
 Mounting Height (1): 8.000 m  
 Height: 8.000 m  
 Overhang (2): -1.500 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.

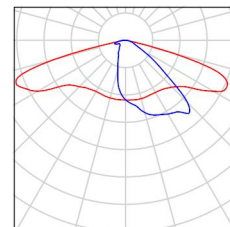
Operator  
Telephone  
Fax  
e-Mail

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## Liela iela (otrais posms) / Luminaire parts list

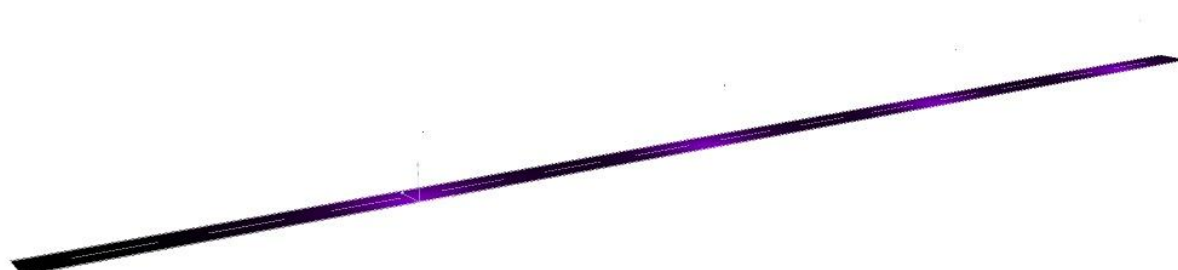
SIA Elnitor RoadSpark SLIM 80W  
Article No.:  
Luminous flux (Luminaire): 8081 lm  
Luminous flux (Lamps): 9200 lm  
Luminaire Wattage: 80.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 88  
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire  
catalog for an image of  
the luminaire.



Operator  
Telephone  
Fax  
e-Mail

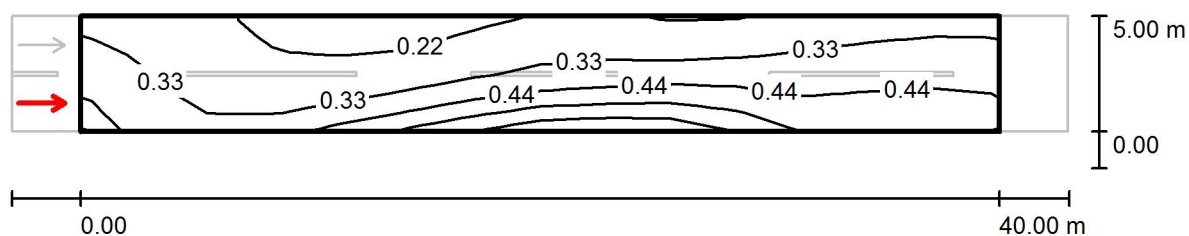
## Liela iela (otrais posms) / False Colour Rendering



0 20 30 40 50 70 90 120 300 lx

Operator  
Telephone  
Fax  
e-Mail

# Liela iela (otrais posms) / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



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

Grid: 14 x 6 Points

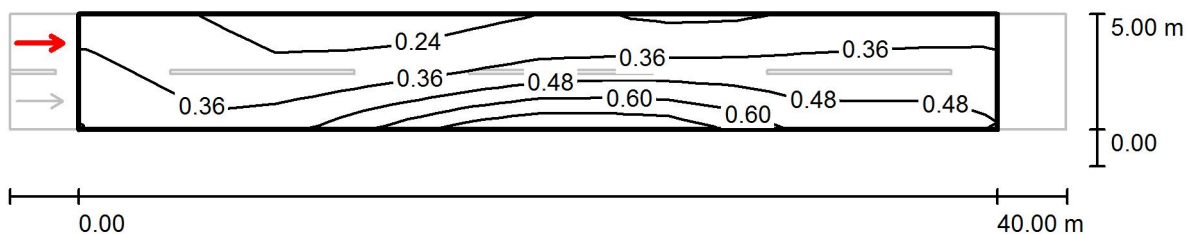
Observer Position: (-60.000 m, 1.250 m, 1.500 m)

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0          | UI          | TI [%]    |
|---|-------------------------------|-------------|-------------|-----------|
| Calculated values:                      | 0.36                          | 0.48        | 0.49        | 13        |
| 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

### Liela iela (otrais posms) / Valuation Field 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, 3.750 m, 1.500 m)

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0          | UI          | TI [%]    |
|---|-------------------------------|-------------|-------------|-----------|
| Calculated values:                      | 0.39                          | 0.48        | 0.62        | 10        |
| 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

## Liela iela (trešais posms) / Planning data

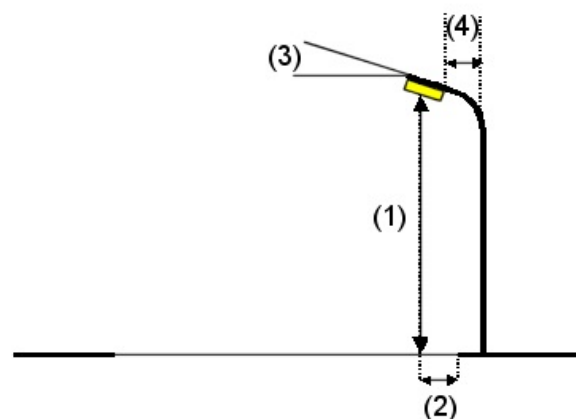
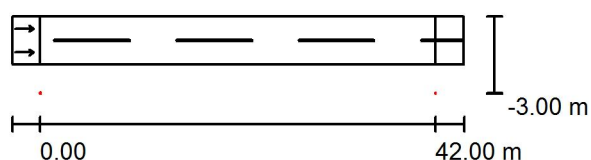
No Audēju ielas līdz Staiceles kapiem

### Street Profile

Roadway 1 (Width: 5.000 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: 42.000 m  
Mounting Height (1): 8.500 m  
Height: 8.500 m  
Overhang (2): -3.000 m  
Boom Angle (3): 5.0 °  
Boom Length (4): 2.000 m

Maximum luminous intensities  
at 70°: 501 cd/klm  
at 80°: 188 cd/klm  
at 90°: 19 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.

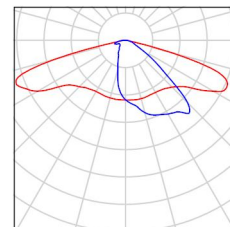
Operator  
Telephone  
Fax  
e-Mail

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## Liela iela (trešais posms) / Luminaire parts list

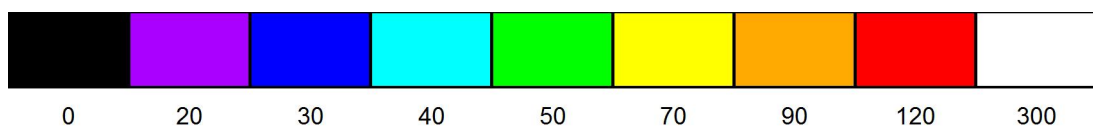
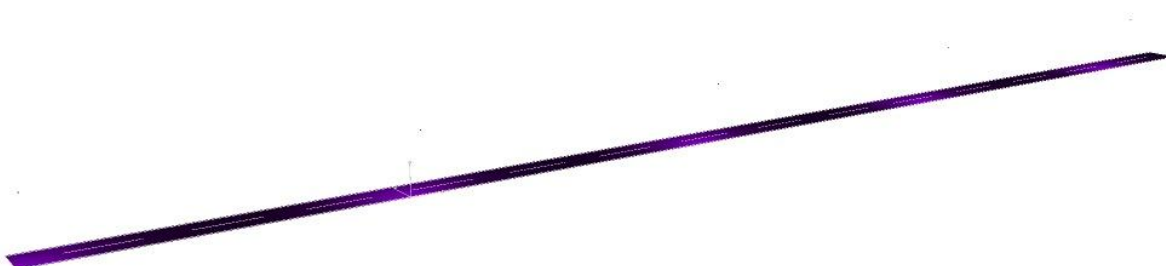
SIA Elnitor RoadSpark SLIM 80W  
Article No.:  
Luminous flux (Luminaire): 8081 lm  
Luminous flux (Lamps): 9200 lm  
Luminaire Wattage: 80.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 88  
Fitting: 1 x Cree XP-G (Correction Factor 0.600).

See our luminaire  
catalog for an image of  
the luminaire.



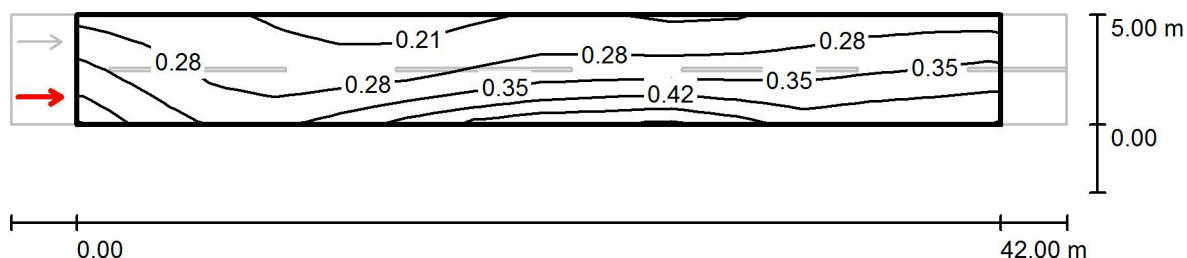
Operator  
Telephone  
Fax  
e-Mail

## Liela iela (trešais posms) / False Colour Rendering



Operator  
Telephone  
Fax  
e-Mail

### Liela iela (trešais posms) / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



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

Grid: 14 x 6 Points

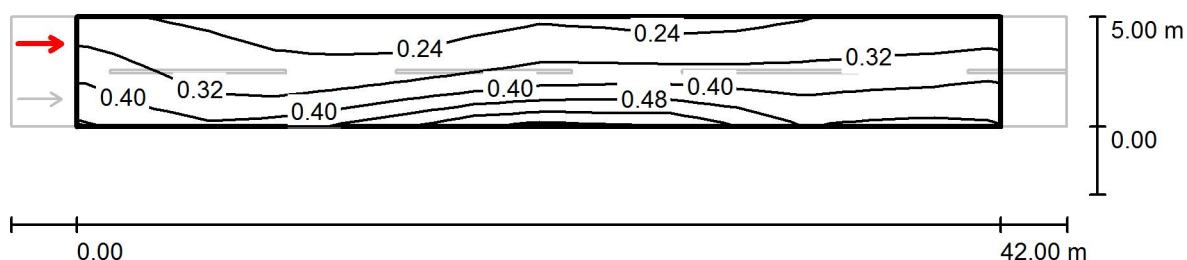
Observer Position: (-60.000 m, 1.250 m, 1.500 m)

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0     | UI     | TI [%] |
|---|-------------------------------|--------|--------|--------|
| Calculated values:                      | 0.32                          | 0.56   | 0.60   | 14     |
| Required values according to class ME6: | ≥ 0.30                        | ≥ 0.35 | ≥ 0.40 | ≤ 15   |
| Fulfilled/Not fulfilled:                | ✓                             | ✓      | ✓      | ✓      |

Operator  
Telephone  
Fax  
e-Mail

# Liela iela (trešais posms) / Valuation Field Roadway 1 / Observer 2 / Isolines (L)



Values in Candela/m<sup>2</sup>, 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/m <sup>2</sup> ] | U0     | UI     | TI [%] |
|---|-------------------------------|--------|--------|--------|
| Calculated values:                      | 0.34                          | 0.55   | 0.70   | 10     |
| Required values according to class ME6: | ≥ 0.30                        | ≥ 0.35 | ≥ 0.40 | ≤ 15   |
| Fulfilled/Not fulfilled:                | ✓                             | ✓      | ✓      | ✓      |

Operator  
Telephone  
Fax  
e-Mail

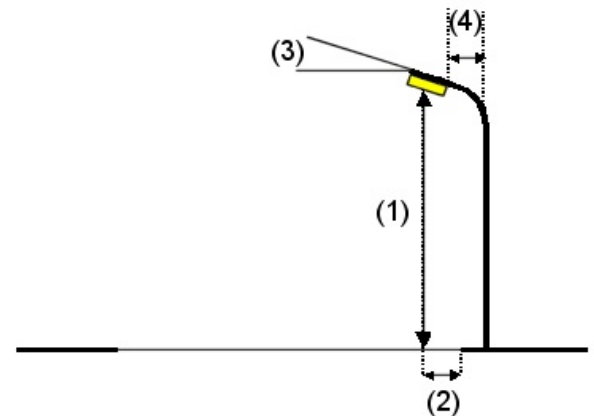
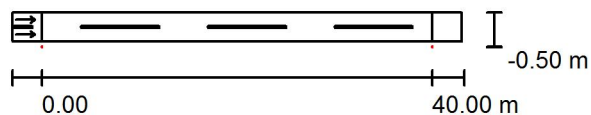
## Krasta iela / Planning data

### 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:             | 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.

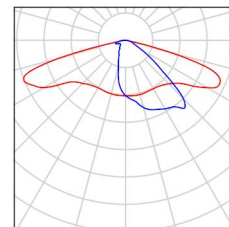
Operator  
Telephone  
Fax  
e-Mail

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## Krasta iela / Luminaire parts list

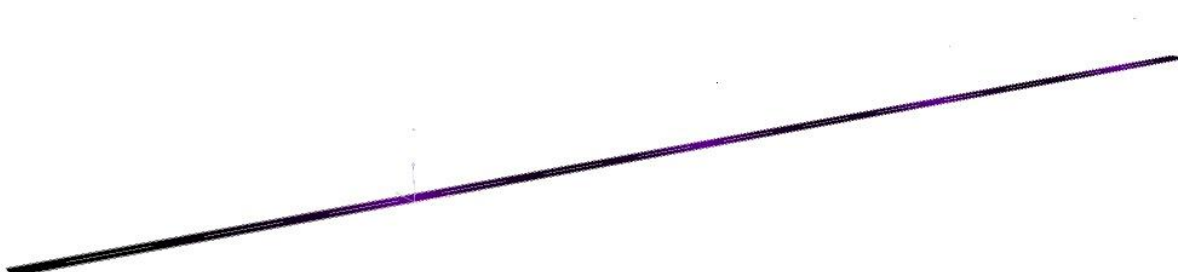
RoadSpark SLIM 60W  
Article No.:  
Luminous flux (Luminaire): 6072 lm  
Luminous flux (Lamps): 7440 lm  
Luminaire Wattage: 60.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 82  
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire  
catalog for an image of  
the luminaire.



Operator  
Telephone  
Fax  
e-Mail

## Krasta iela / False Colour Rendering

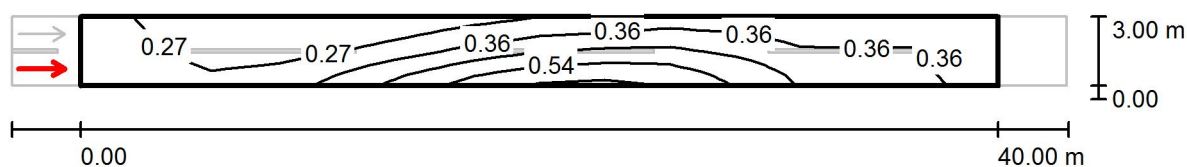


0 20 30 40 50 70 90 120 300 lx



Operator  
Telephone  
Fax  
e-Mail

### Krasta iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



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

Grid: 14 x 6 Points

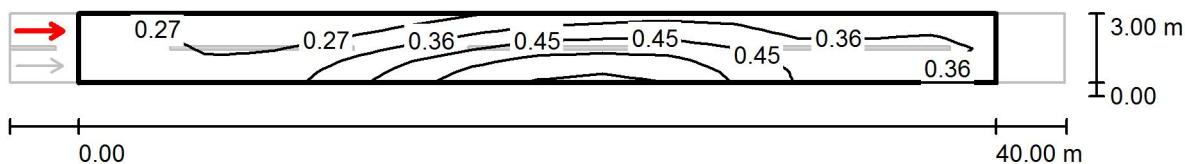
Observer Position: (-60.000 m, 0.750 m, 1.500 m)

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0          | UI          | TI [%]    |
|---|-------------------------------|-------------|-------------|-----------|
| Calculated values:                      | 0.36                          | 0.49        | 0.46        | 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

### Krasta iela / Valuation Field 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, 2.250 m, 1.500 m)

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0          | UI          | TI [%]    |
|---|-------------------------------|-------------|-------------|-----------|
| Calculated values:                      | 0.38                          | 0.49        | 0.49        | 10        |
| 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

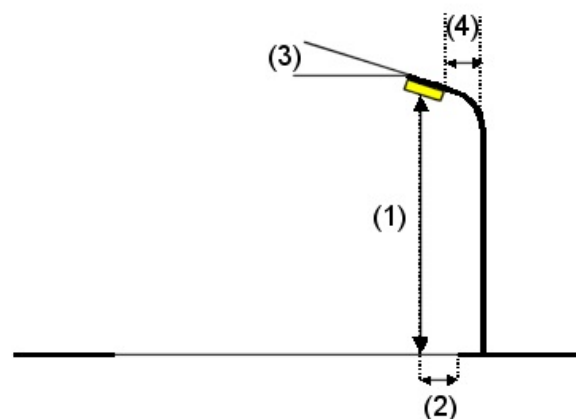
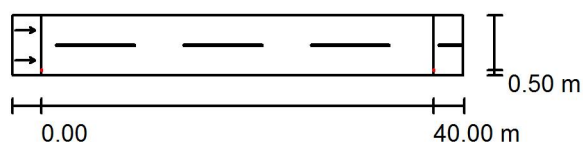
## Audēju iela / Planning data

### Street Profile

Roadway 1 (Width: 6.000 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):       | 8.500 m            |
| Height:                    | 8.500 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.

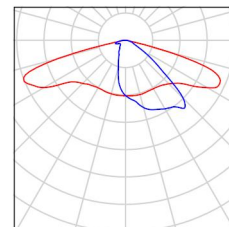
Arrangement complies with glare index class D.4.

Operator  
Telephone  
Fax  
e-Mail

## Audēju 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

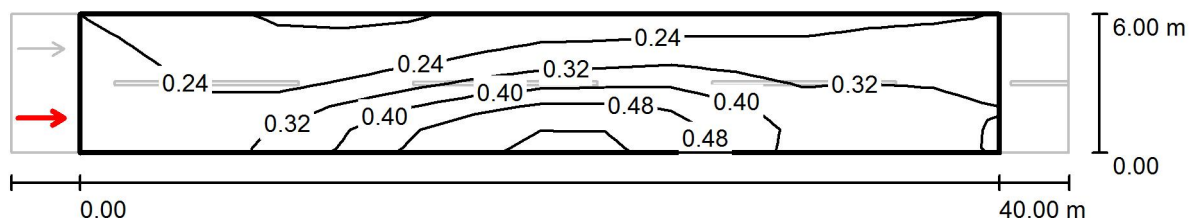
## Audēju iela / False Colour Rendering



lx

Operator  
Telephone  
Fax  
e-Mail

### Audēju iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



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

Grid: 14 x 6 Points

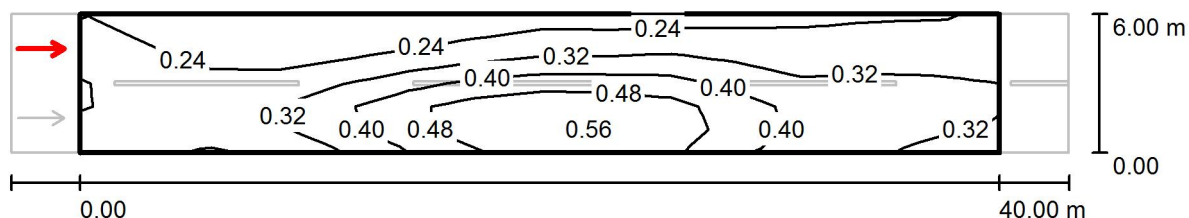
Observer Position: (-60.000 m, 1.500 m, 1.500 m)

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0     | UI     | TI [%] |
|---|-------------------------------|--------|--------|--------|
| Calculated values:                      | 0.31                          | 0.50   | 0.52   | 11     |
| Required values according to class ME6: | ≥ 0.30                        | ≥ 0.35 | ≥ 0.40 | ≤ 15   |
| Fulfilled/Not fulfilled:                | ✓                             | ✓      | ✓      | ✓      |

Operator  
Telephone  
Fax  
e-Mail

### Audēju iela / Valuation Field 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, 4.500 m, 1.500 m)

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0     | UI     | TI [%] |
|---|-------------------------------|--------|--------|--------|
| Calculated values:                      | 0.33                          | 0.52   | 0.60   | 9      |
| Required values according to class ME6: | ≥ 0.30                        | ≥ 0.35 | ≥ 0.40 | ≤ 15   |
| Fulfilled/Not fulfilled:                | ✓                             | ✓      | ✓      | ✓      |

Operator  
Telephone  
Fax  
e-Mail

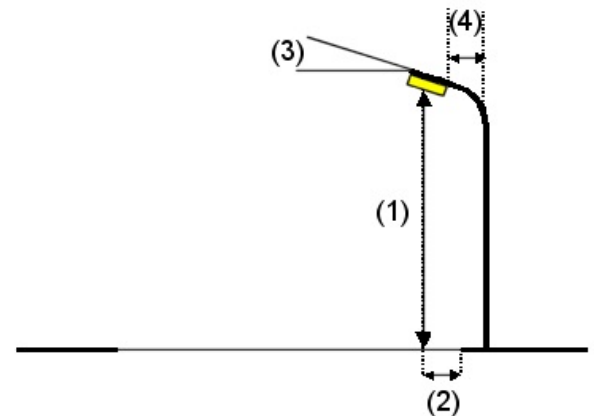
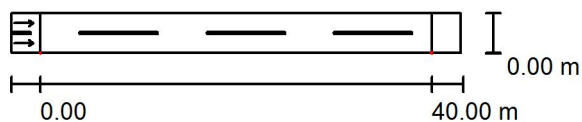
## Nākotnes iela / Planning data

### 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):              | 0.000 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.



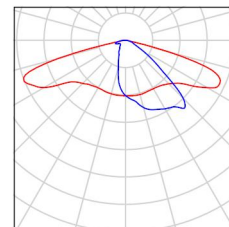
Operator  
Telephone  
Fax  
e-Mail

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## Nākotnes 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

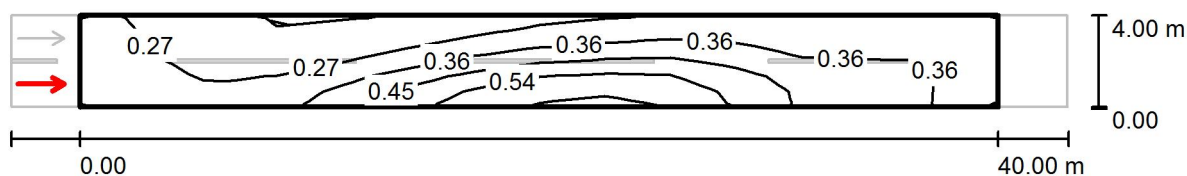
## Nākotnes iela / False Colour Rendering



0 20 30 40 50 70 90 120 300 lx

Operator  
Telephone  
Fax  
e-Mail

### Nākotnes iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



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

Grid: 14 x 6 Points

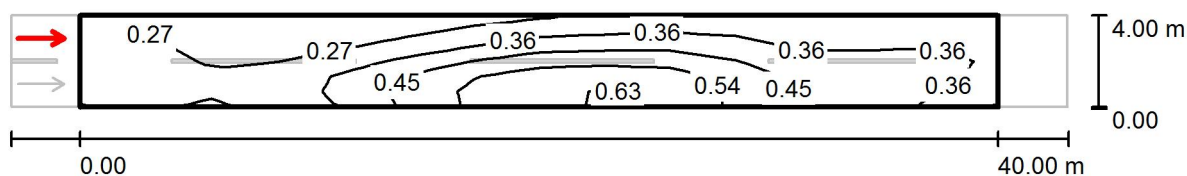
Observer Position: (-60.000 m, 1.000 m, 1.500 m)

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0          | UI          | TI [%]    |
|---|-------------------------------|-------------|-------------|-----------|
| Calculated values:                      | 0.36                          | 0.49        | 0.44        | 12        |
| 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

### Nākotnes iela / Valuation Field 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:                      | 0.37                          | 0.48        | 0.50        | 10        |
| 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

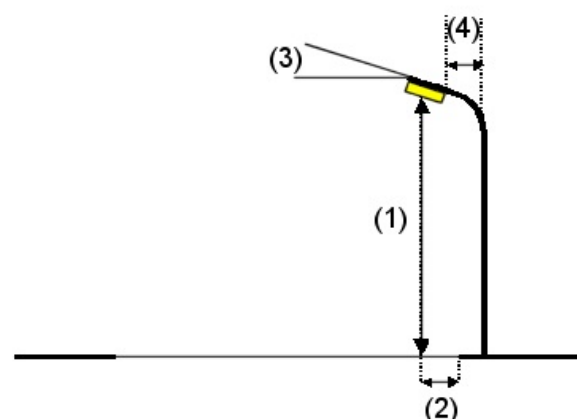
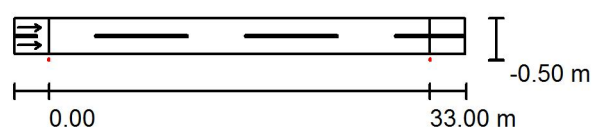
## Priežu iela; Gravas iela; Meža iela / Planning data

### 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):              | -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  
Telephone  
Fax  
e-Mail

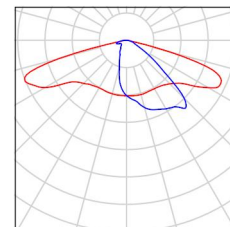
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**Priežu iela; Gravas iela; Meža iela / Luminaire parts list**

---

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

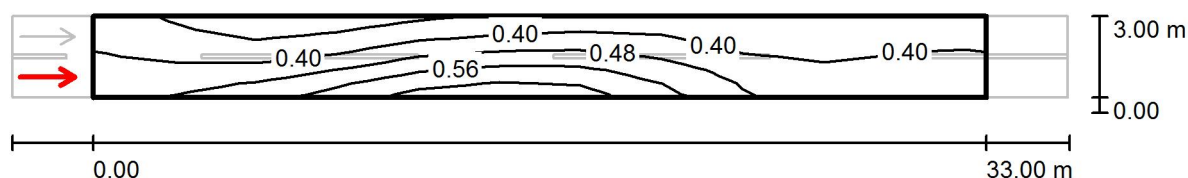
**Priežu iela; Gravas iela; Meža iela / False Colour Rendering**



0 20 30 40 50 70 90 120 300 lx

Operator  
Telephone  
Fax  
e-Mail

## Priežu iela; Gravas iela; Meža iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 279

Grid: 11 x 6 Points

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

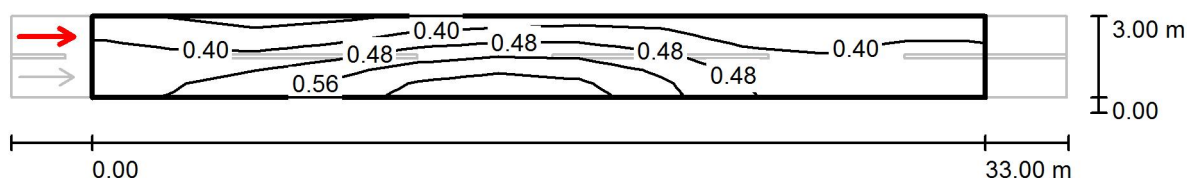
tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0          | UI          | TI [%]    |
|---|-------------------------------|-------------|-------------|-----------|
| Calculated values:                      | 0.43                          | 0.63        | 0.67        | 10        |
| 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

## Priežu iela; Gravas iela; Meža iela / Valuation Field Roadway 1 / Observer 2 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 279

Grid: 11 x 6 Points

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

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0          | UI          | TI [%]    |
|---|-------------------------------|-------------|-------------|-----------|
| Calculated values:                      | 0.46                          | 0.65        | 0.75        | 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

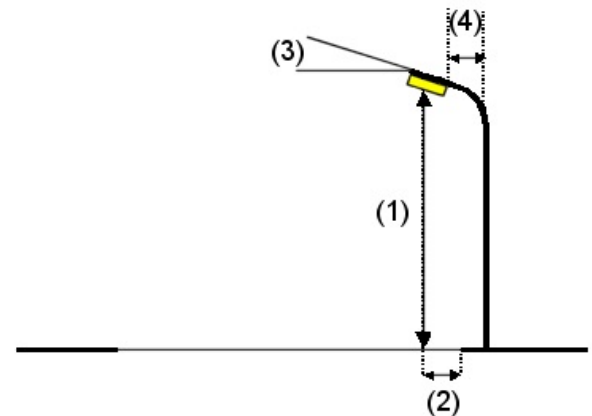
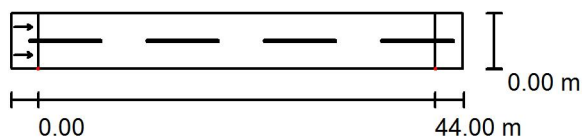
## Salacas iela / Planning data

### Street Profile

Roadway 1 (Width: 6.000 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: 44.000 m  
 Mounting Height (1): 9.000 m  
 Height: 9.000 m  
 Overhang (2): 0.000 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.

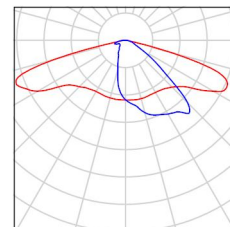
Arrangement complies with glare index class D.4.

Operator  
Telephone  
Fax  
e-Mail

## Salacas iela / Luminaire parts list

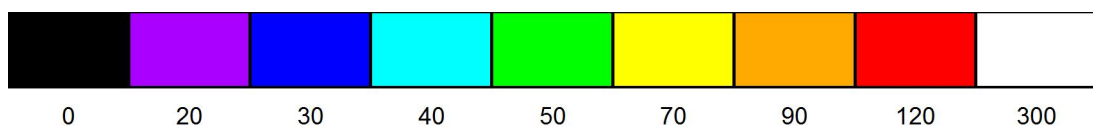
SIA Elnitor RoadSpark SLIM 80W  
Article No.:  
Luminous flux (Luminaire): 8081 lm  
Luminous flux (Lamps): 9200 lm  
Luminaire Wattage: 80.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 88  
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire  
catalog for an image of  
the luminaire.



Operator  
Telephone  
Fax  
e-Mail

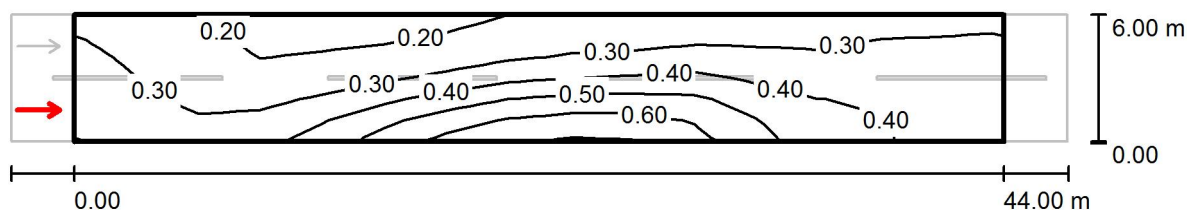
## Salacas iela / False Colour Rendering



lx

Operator  
Telephone  
Fax  
e-Mail

### Salacas iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 358

Grid: 15 x 6 Points

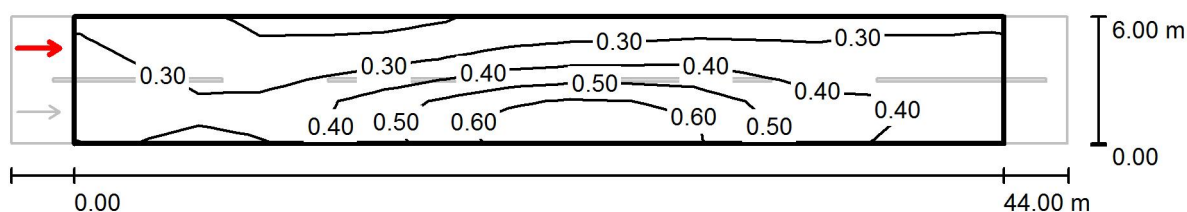
Observer Position: (-60.000 m, 1.500 m, 1.500 m)

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0          | UI          | TI [%]    |
|---|-------------------------------|-------------|-------------|-----------|
| Calculated values:                      | 0.35                          | 0.48        | 0.48        | 12        |
| 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

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



Values in Candela/m<sup>2</sup>, Scale 1 : 358

Grid: 15 x 6 Points

Observer Position: (-60.000 m, 4.500 m, 1.500 m)

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0          | UI          | TI [%]    |
|---|-------------------------------|-------------|-------------|-----------|
| Calculated values:                      | 0.37                          | 0.49        | 0.59        | 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

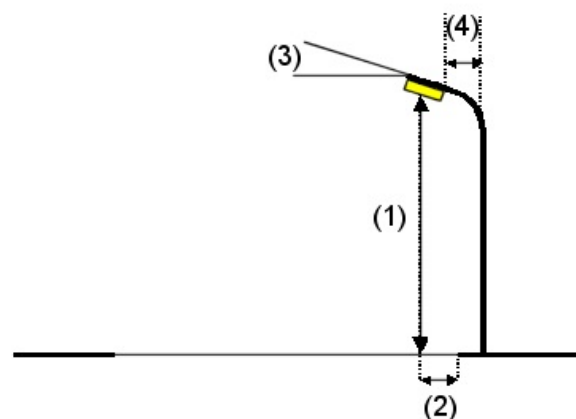
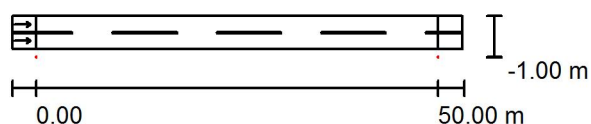
## Cerīņu iela / Planning data

### Street Profile

Roadway 1 (Width: 4.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Maintenance factor: 0.85

### Luminaire Arrangements



|                            |                                |                              |
|----------------------------|--------------------------------|------------------------------|
| Luminaire:                 | SIA Elnitor RoadSpark SLIM 80W | Maximum luminous intensities |
| Luminous flux (Luminaire): | 8081 lm                        | at 70°: 492 cd/klm           |
| Luminous flux (Lamps):     | 9200 lm                        | at 80°: 103 cd/klm           |
| Luminaire Wattage:         | 80.0 W                         | at 90°: 13 cd/klm            |
| Arrangement:               | Single row, bottom             |                              |
| Pole Distance:             | 50.000 m                       |                              |
| Mounting Height (1):       | 9.500 m                        |                              |
| Height:                    | 9.500 m                        |                              |
| Overhang (2):              | -1.000 m                       |                              |
| Boom Angle (3):            | 0.0 °                          |                              |
| Boom Length (4):           | 1.000 m                        |                              |

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.

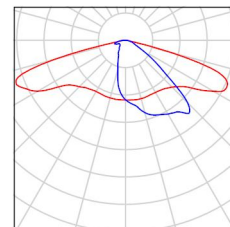
Operator  
Telephone  
Fax  
e-Mail

---

## Cerīņu 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).

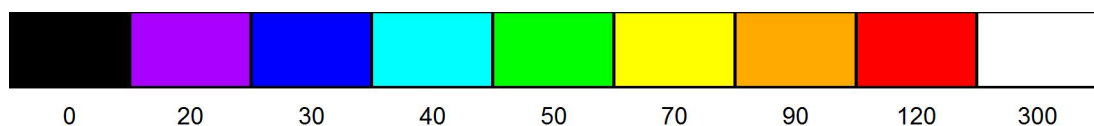
See our luminaire  
catalog for an image of  
the luminaire.





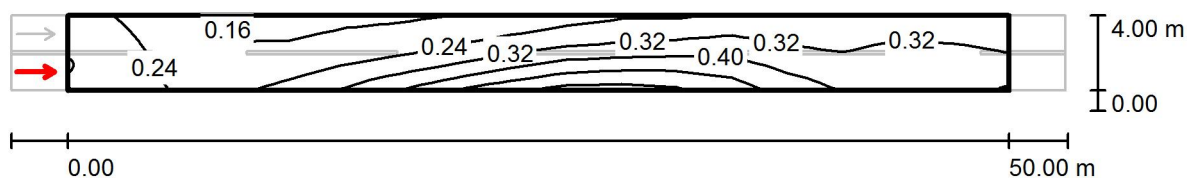
Operator  
Telephone  
Fax  
e-Mail

## Ceriņu iela / False Colour Rendering



Operator  
Telephone  
Fax  
e-Mail

### Ceriņu iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 401

Grid: 17 x 6 Points

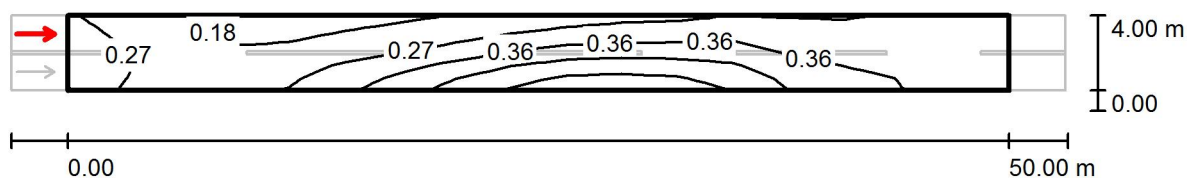
Observer Position: (-60.000 m, 1.000 m, 1.500 m)

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0          | UI          | TI [%]    |
|---|-------------------------------|-------------|-------------|-----------|
| Calculated values:                      | 0.30                          | 0.48        | 0.41        | 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

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



Values in Candela/m<sup>2</sup>, Scale 1 : 401

Grid: 17 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:                      | 0.32                          | 0.46        | 0.46        | 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

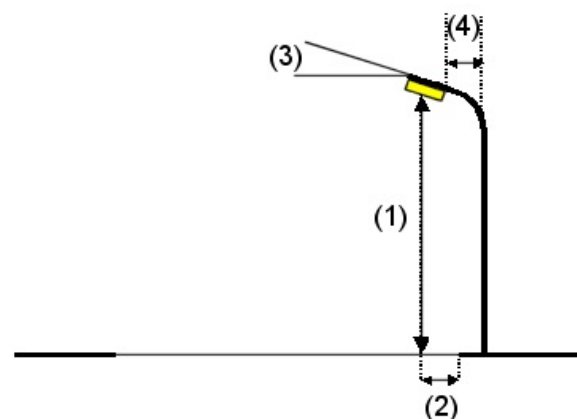
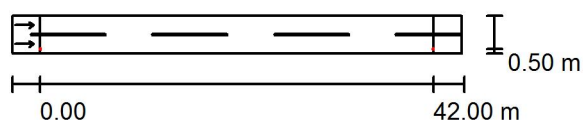
## Lazdu iela / Planning data

### 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:             | 42.000 m           |
| Mounting Height (1):       | 9.000 m            |
| Height:                    | 9.000 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.

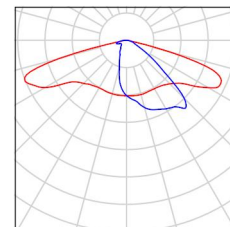
Arrangement complies with glare index class D.4.

Operator  
Telephone  
Fax  
e-Mail

## Lazdu iela / Luminaire parts list

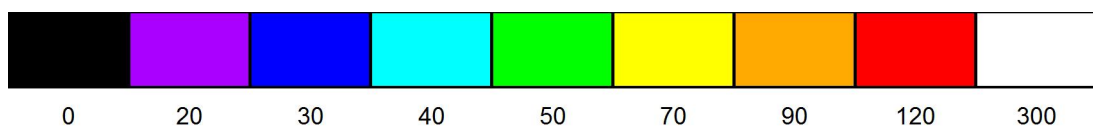
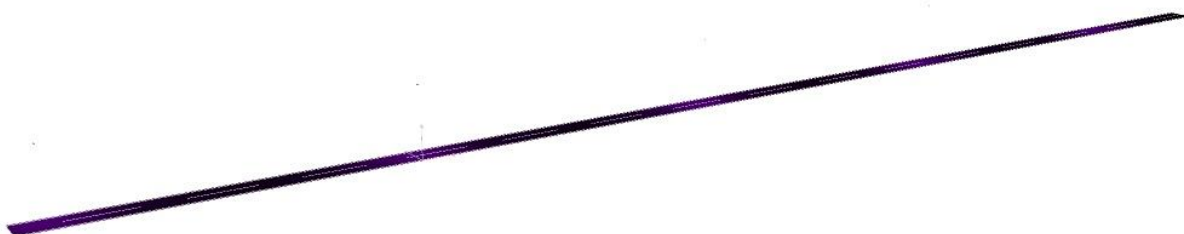
RoadSpark SLIM 60W  
Article No.:  
Luminous flux (Luminaire): 6072 lm  
Luminous flux (Lamps): 7440 lm  
Luminaire Wattage: 60.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 82  
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire  
catalog for an image of  
the luminaire.



Operator  
Telephone  
Fax  
e-Mail

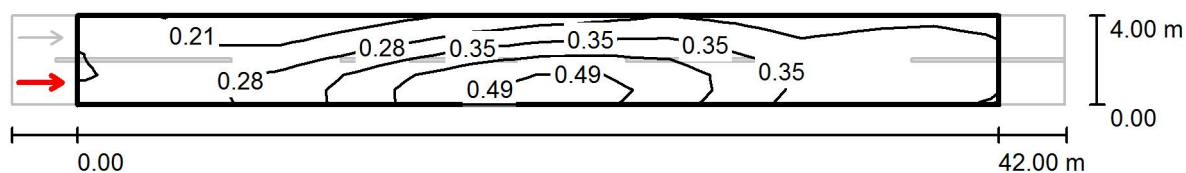
## Lazdu iela / False Colour Rendering



lx

Operator  
Telephone  
Fax  
e-Mail

### Lazdu iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 344

Grid: 14 x 6 Points

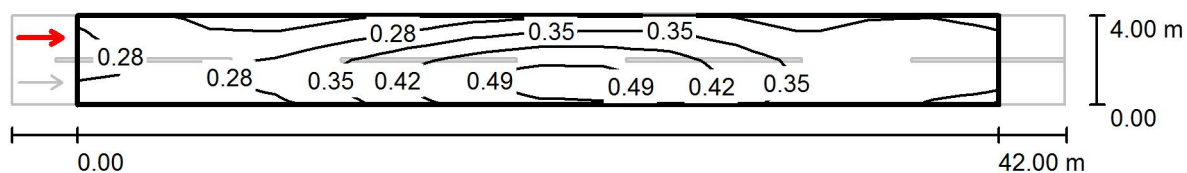
Observer Position: (-60.000 m, 1.000 m, 1.500 m)

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m²] | U0          | UI          | TI [%]    |
|---|------------------|-------------|-------------|-----------|
| Calculated values:                      | 0.32             | 0.53        | 0.52        | 10        |
| 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

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



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

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:                      | 0.34                          | 0.55        | 0.55        | 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

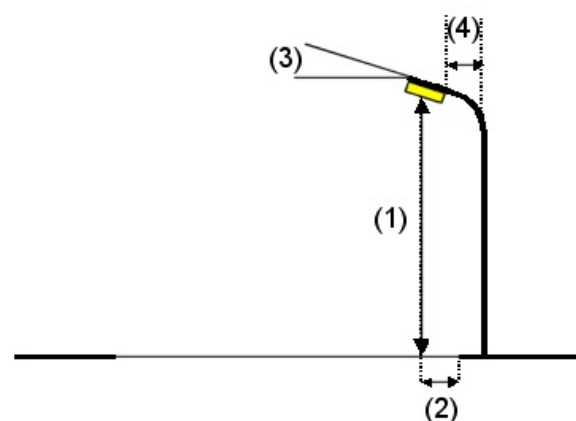
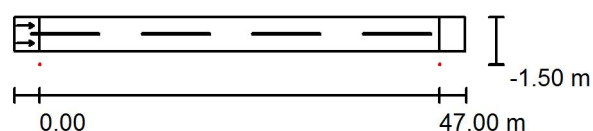
## Liepu iela / Planning data

### Street Profile

Roadway 1 (Width: 4.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Maintenance factor: 0.85

### Luminaire Arrangements



Luminaire: 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: 47.000 m  
Mounting Height (1): 9.000 m  
Height: 9.000 m  
Overhang (2): -1.500 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.

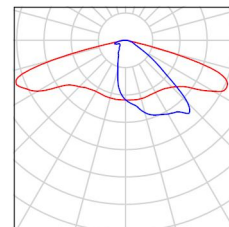
Operator  
Telephone  
Fax  
e-Mail

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## Liepu iela / Luminaire parts list

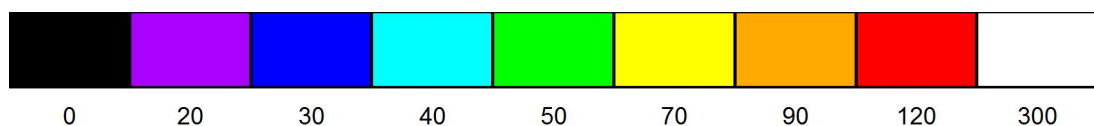
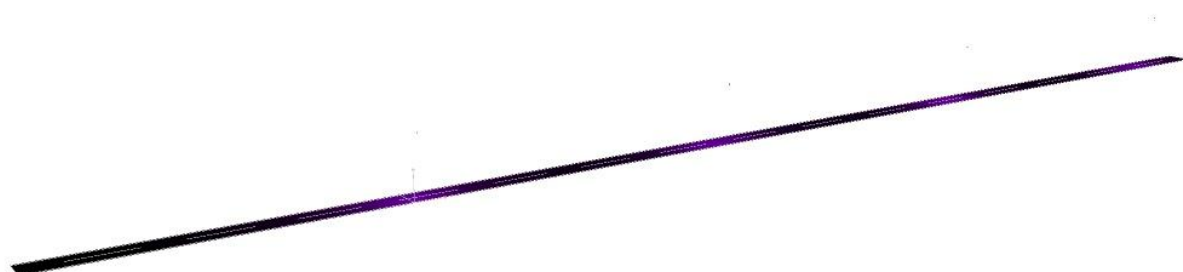
SIA Elnitor RoadSpark SLIM 80W  
Article No.:  
Luminous flux (Luminaire): 8081 lm  
Luminous flux (Lamps): 9200 lm  
Luminaire Wattage: 80.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 88  
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire  
catalog for an image of  
the luminaire.



Operator  
Telephone  
Fax  
e-Mail

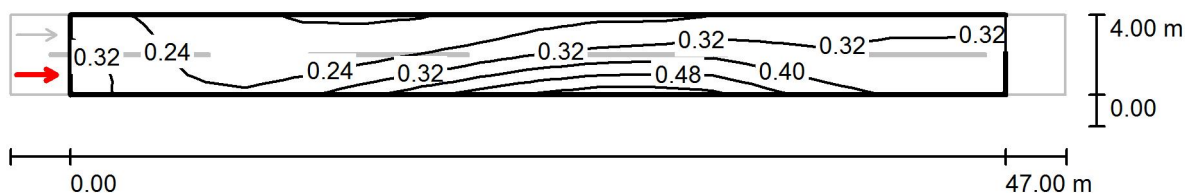
## Liepu iela / False Colour Rendering



lx

Operator  
Telephone  
Fax  
e-Mail

### Liepu iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 379

Grid: 16 x 6 Points

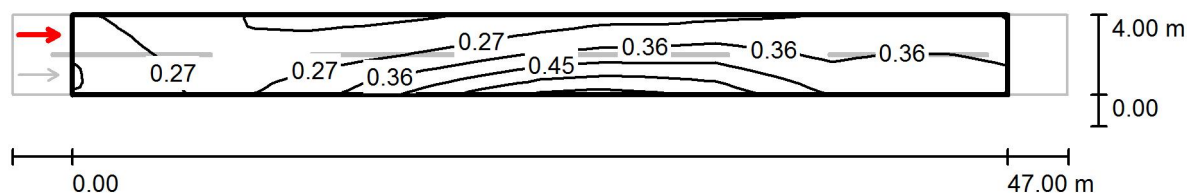
Observer Position: (-60.000 m, 1.000 m, 1.500 m)

tarmac: R3, q0: 0.070

|   | $L_{av}$ [cd/m <sup>2</sup> ] | U0     | UI     | TI [%] |
|---|-------------------------------|--------|--------|--------|
| Calculated values:                      | 0.31                          | 0.50   | 0.43   | 12     |
| Required values according to class ME6: | ≥ 0.30                        | ≥ 0.35 | ≥ 0.40 | ≤ 15   |
| Fulfilled/Not fulfilled:                | ✓                             | ✓      | ✓      | ✓      |

Operator  
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Fax  
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### Liepu iela / Valuation Field Roadway 1 / Observer 2 / Isolines (L)



Values in Candela/m<sup>2</sup>, Scale 1 : 379

Grid: 16 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:                      | 0.33                          | 0.51   | 0.51   | 10     |
| Required values according to class ME6: | ≥ 0.30                        | ≥ 0.35 | ≥ 0.40 | ≤ 15   |
| Fulfilled/Not fulfilled:                | ✓                             | ✓      | ✓      | ✓      |

Operator  
Telephone  
Fax  
e-Mail

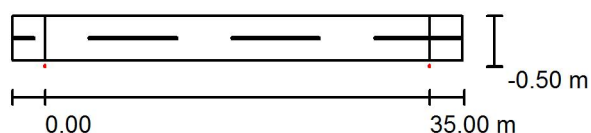
## Gājēju celiņš / Planning data

### 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:             | 35.000 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.

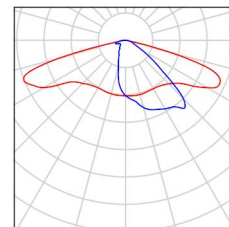
Arrangement complies with glare index class D.4.

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## Gājēju celiņš / Luminaire parts list

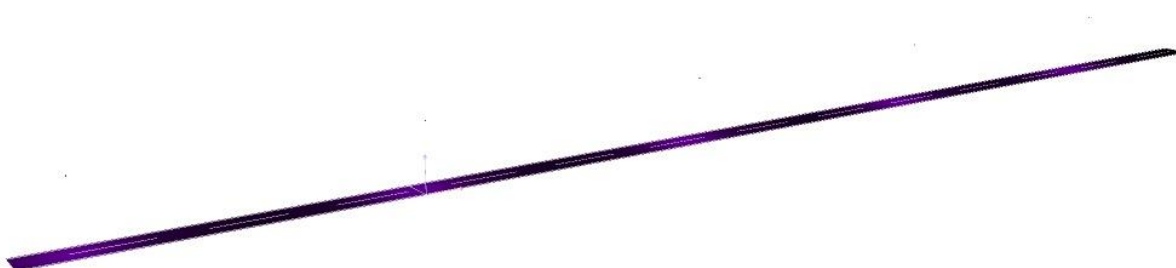
RoadSpark SLIM 60W  
Article No.:  
Luminous flux (Luminaire): 6072 lm  
Luminous flux (Lamps): 7440 lm  
Luminaire Wattage: 60.0 W  
Luminaire classification according to CIE: 100  
CIE flux code: 35 68 94 100 82  
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire  
catalog for an image of  
the luminaire.



Operator  
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## Gājēju celiņš / False Colour Rendering

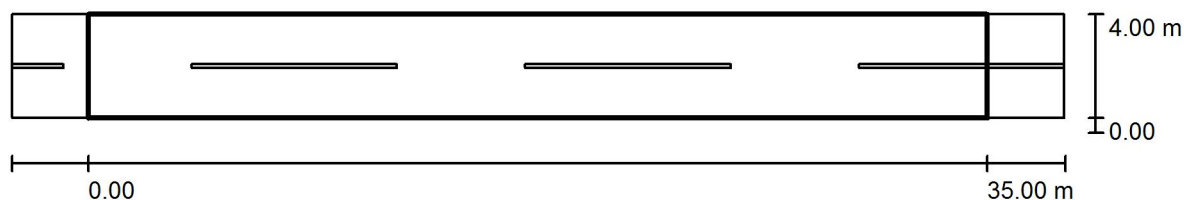


0 20 30 40 50 70 90 120 300 lx



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### Gājēju celiņš / Valuation Field Roadway 1 / Results overview



Maintenance factor: 0.85

Scale 1:294

Grid: 12 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]

5.42

$\geq 5.00$



$E_{min}$  [lx]

2.77

$\geq 1.00$

