

Madona 1/4

Ceriņu iela
Gaujas iela
Daugavas iela
Kalna iela
Strazdu iela
Dumpu iela
Liepājas iela
Ausekļa iela
Valdemāra bulvāris
Miera iela
Valmieras iela
Orehovozuevas iela

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

Date: 17.03.2015
Operator:

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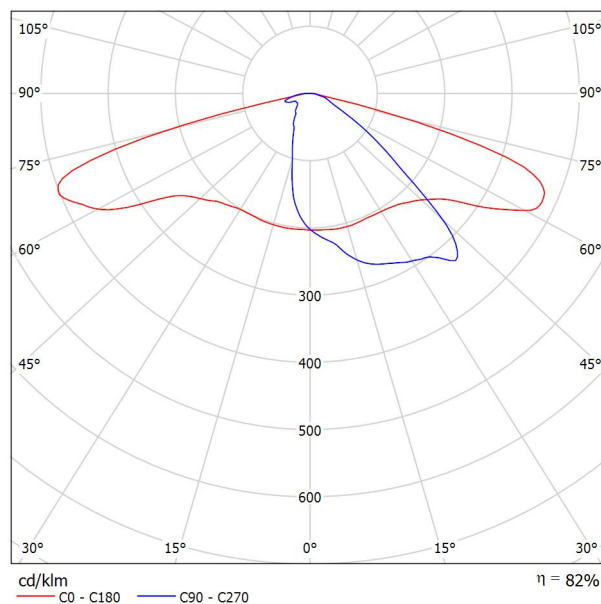
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RoadSpark SLIM 60W / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



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

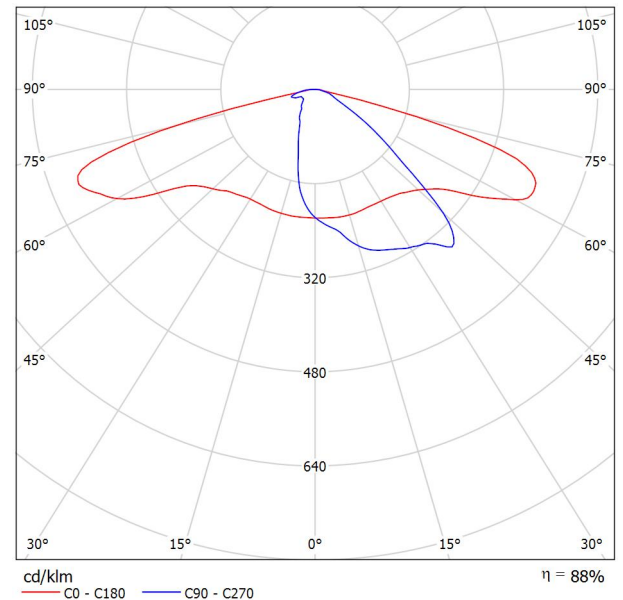
Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

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SIA Elinitor 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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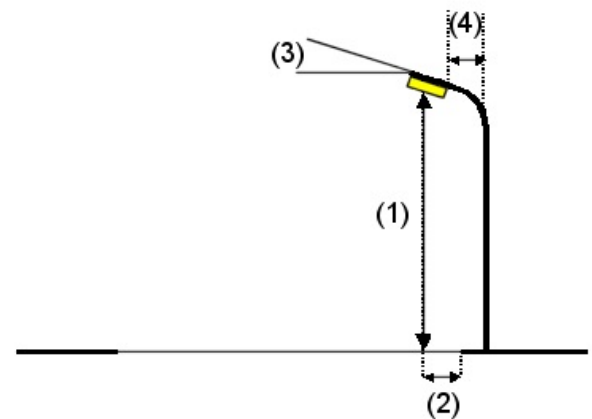
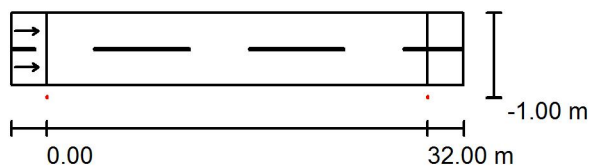
Cerîgu iela / Planning data

Street Profile

Roadway 1 (Width: 6.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Light loss 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:	32.000 m
Mounting Height (1):	8.000 m
Height:	8.000 m
Overhang (2):	-1.000 m
Boom Angle (3):	0.0 °
Boom Length (4):	1.000 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.

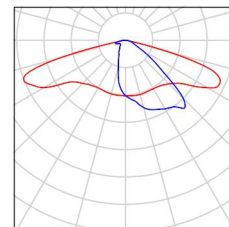
Arrangement complies with glare index class D.4.

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Ceriņu iela / Luminaire parts list

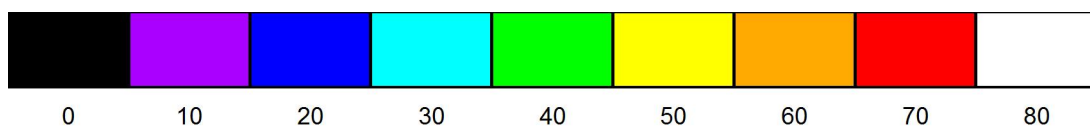
RoadSpark SLIM 60W
Article No.:
Luminous flux (Luminaire): 6072 lm
Luminous flux (Lamps): 7440 lm
Luminaire Wattage: 60.0 W
Luminaire classification according to CIE: 100
CIE flux code: 35 68 94 100 82
Fitting: 1 x Cree XP-G (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



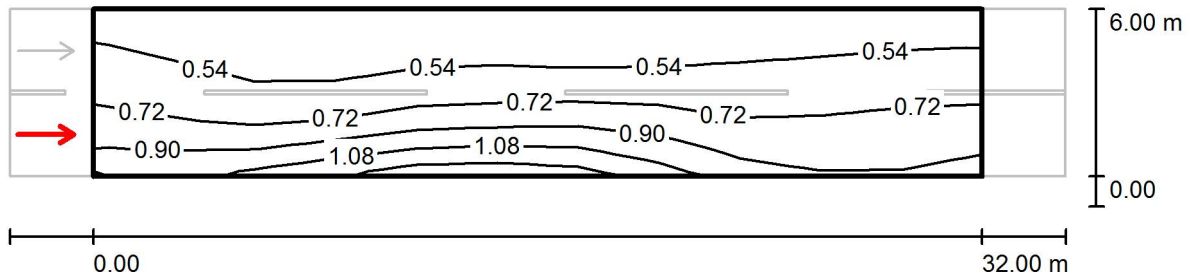
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Cerīņu iela / False Color Rendering



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



Values in Candela/m², Scale 1 : 272

Grid: 11 x 6 Points

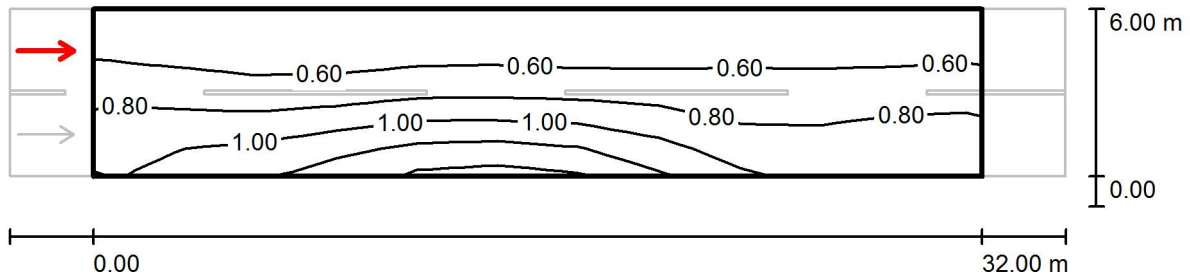
Observer Position: (-60.000 m, 1.500 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.68	0.57	0.77	13
Required values according to class ME5:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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



Values in Candela/m², Scale 1 : 272

Grid: 11 x 6 Points

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

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.75	0.54	0.88	8
Required values according to class ME5:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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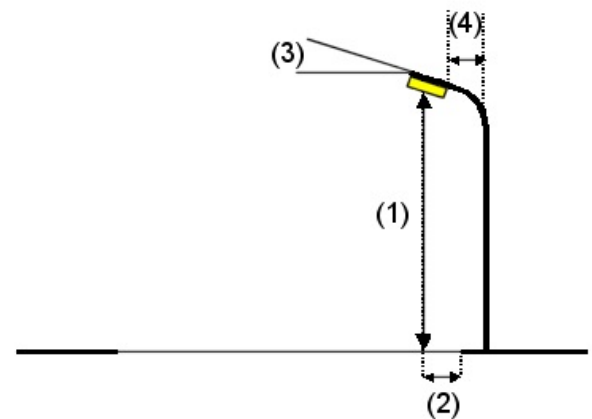
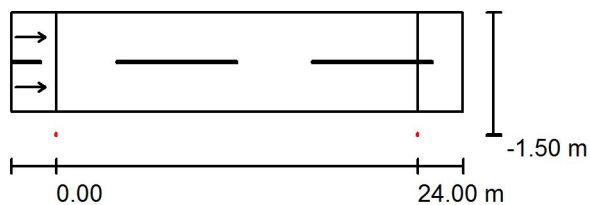
Gaujas iela / Planning data

Street Profile

Roadway 1 (Width: 6.500 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Light loss 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:	24.000 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.

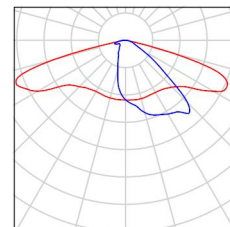
Arrangement complies with glare index class D.4.

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Gaujas iela / Luminaire parts list

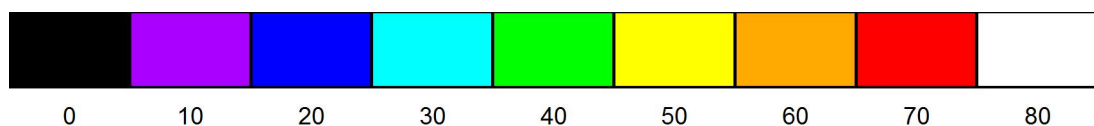
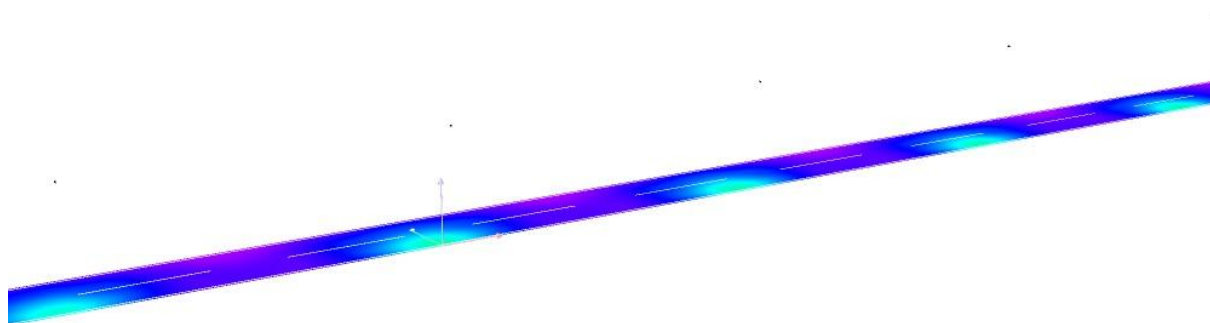
SIA Elnitor RoadSpark SLIM 80W
Article No.:
Luminous flux (Luminaire): 8081 lm
Luminous flux (Lamps): 9200 lm
Luminaire Wattage: 80.0 W
Luminaire classification according to CIE: 100
CIE flux code: 35 68 94 100 88
Fitting: 1 x Cree XP-G (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



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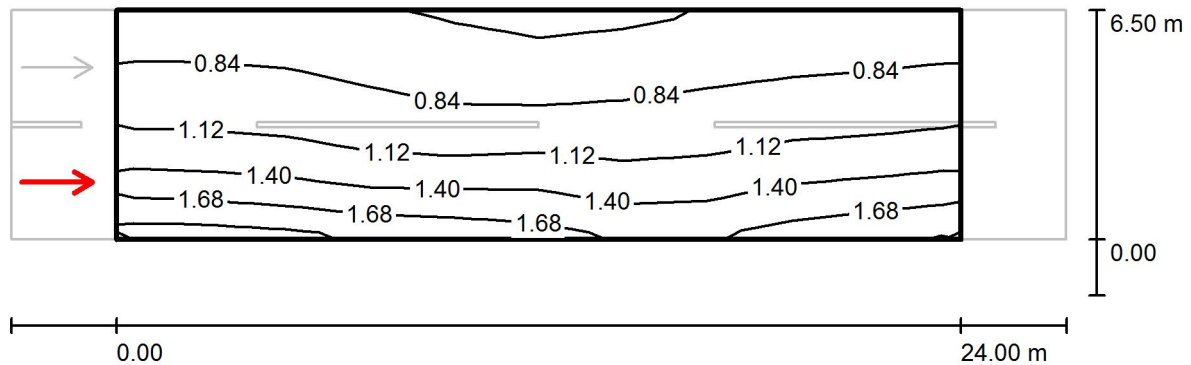
Gaujas iela / False Color Rendering



lx

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Gaujas iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 215

Grid: 10 x 6 Points

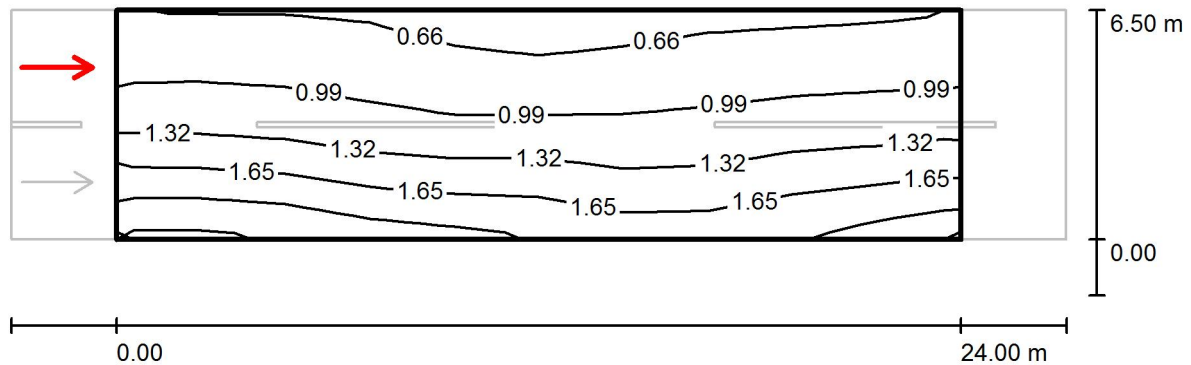
Observer Position: (-60.000 m, 1.625 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	1.09	0.49	0.77	11
Required values according to class ME4b:	≥ 0.75	≥ 0.40	≥ 0.50	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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



Values in Candela/m², Scale 1 : 215

Grid: 10 x 6 Points

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

tarmac: R3, q0: 0.070

	L_{av} [cd/m²]	U0	UI	TI [%]
Calculated values:	1.22	0.46	0.75	7
Required values according to class ME4b:	≥ 0.75	≥ 0.40	≥ 0.50	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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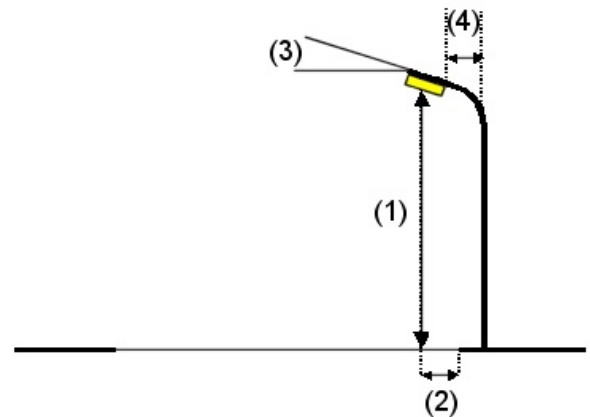
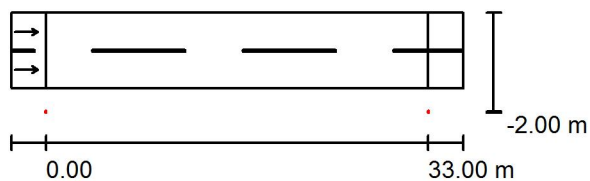
Daugavas iela / Planning data

Street Profile

Roadway 1 (Width: 6.500 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Light loss 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):	-2.000 m
Boom Angle (3):	0.0 °
Boom Length (4):	1.000 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.

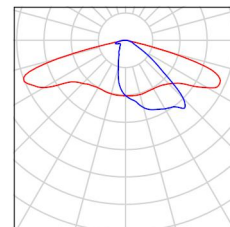
Arrangement complies with glare index class D.4.

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Daugavas iela / Luminaire parts list

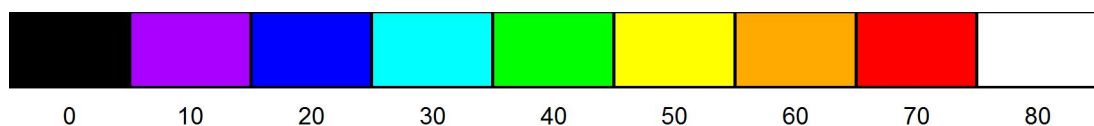
RoadSpark SLIM 60W
Article No.:
Luminous flux (Luminaire): 6072 lm
Luminous flux (Lamps): 7440 lm
Luminaire Wattage: 60.0 W
Luminaire classification according to CIE: 100
CIE flux code: 35 68 94 100 82
Fitting: 1 x Cree XP-G (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



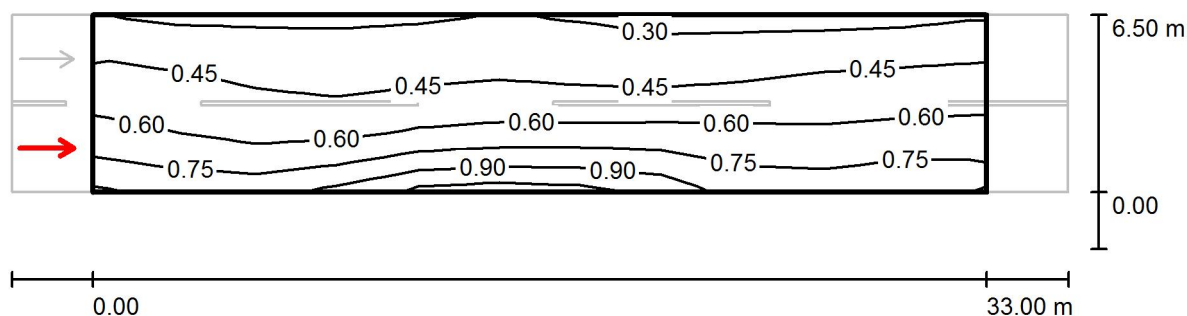
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Daugavas iela / False Color Rendering



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Daugavas iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 279

Grid: 11 x 6 Points

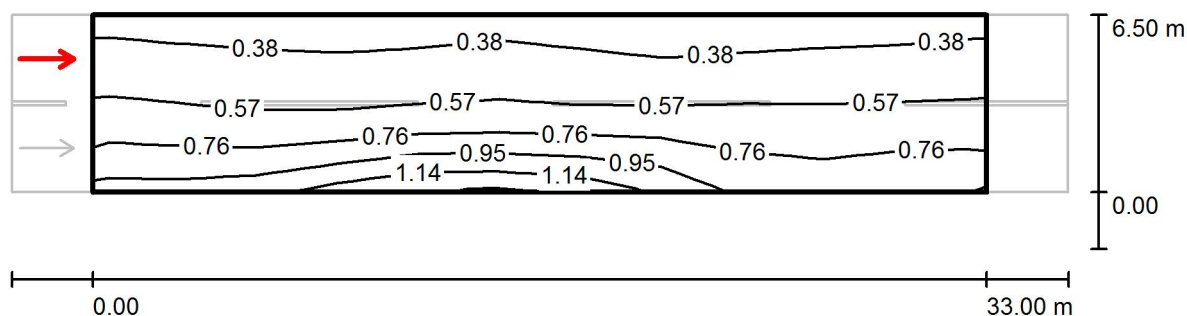
Observer Position: (-60.000 m, 1.625 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.55	0.51	0.79	14
Required values according to class ME5:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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



Values in Candela/m², Scale 1 : 279

Grid: 11 x 6 Points

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

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.61	0.48	0.82	8
Required values according to class ME5:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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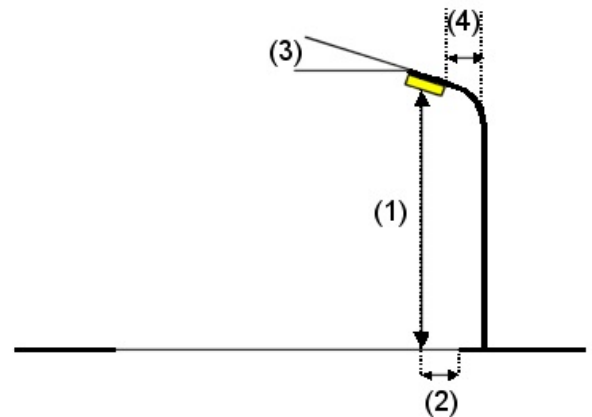
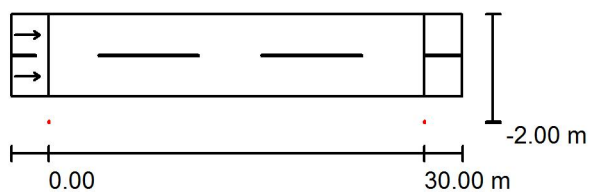
Kalna iela / Planning data

Street Profile

Roadway 1 (Width: 6.500 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Light loss 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: 30.000 m

Mounting Height (1): 8.000 m

Height: 8.000 m

Overhang (2): -2.000 m

Boom Angle (3): 0.0°

Boom Length (4): 1.000 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.

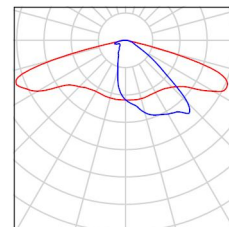
Arrangement complies with glare index class D.4.

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Kalna iela / Luminaire parts list

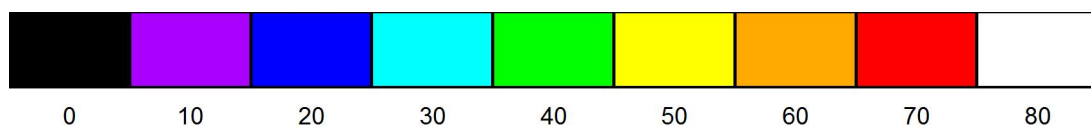
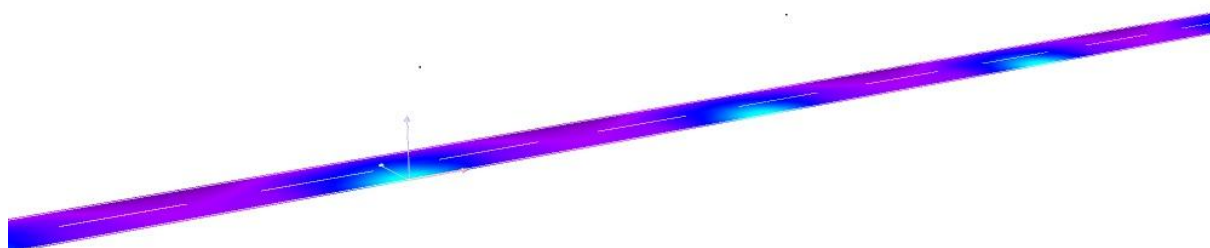
SIA Elnitor RoadSpark SLIM 80W
Article No.:
Luminous flux (Luminaire): 8081 lm
Luminous flux (Lamps): 9200 lm
Luminaire Wattage: 80.0 W
Luminaire classification according to CIE: 100
CIE flux code: 35 68 94 100 88
Fitting: 1 x Cree XP-G (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



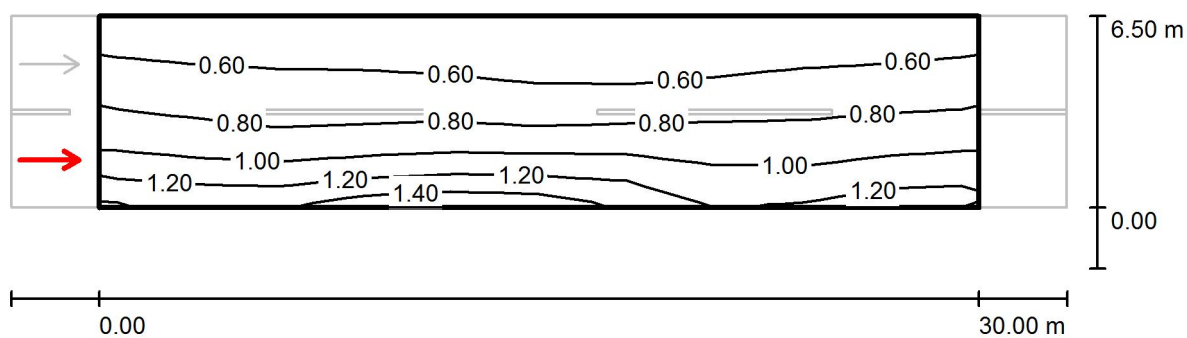
Operator
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Kalna iela / False Color Rendering



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Kalna iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 258

Grid: 10 x 6 Points

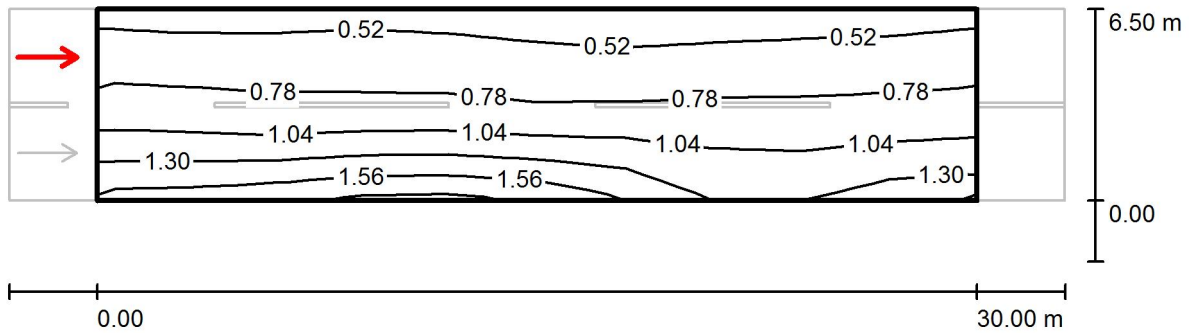
Observer Position: (-60.000 m, 1.625 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.80	0.52	0.88	13
Required values according to class ME4b:	≥ 0.75	≥ 0.40	≥ 0.50	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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



Values in Candela/m², Scale 1 : 258

Grid: 10 x 6 Points

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

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.90	0.48	0.82	8
Required values according to class ME4b:	≥ 0.75	≥ 0.40	≥ 0.50	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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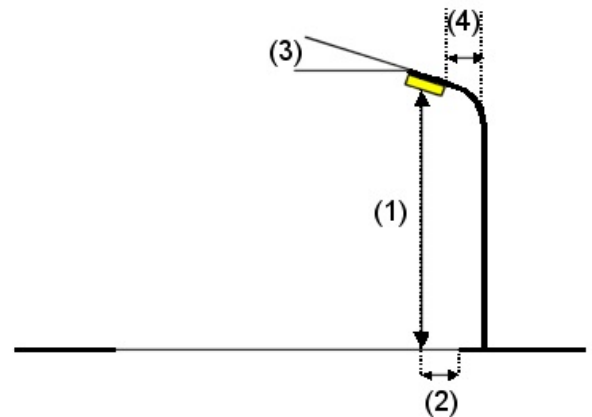
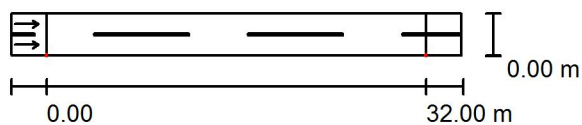
Strazdu iela / Planning data

Street Profile

Roadway 1 (Width: 3.500 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Light loss 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:	32.000 m
Mounting Height (1):	8.000 m
Height:	8.000 m
Overhang (2):	0.000 m
Boom Angle (3):	0.0 °
Boom Length (4):	1.000 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.

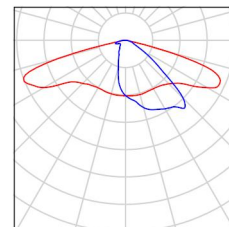
Arrangement complies with glare index class D.4.

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Strazdu iela / Luminaire parts list

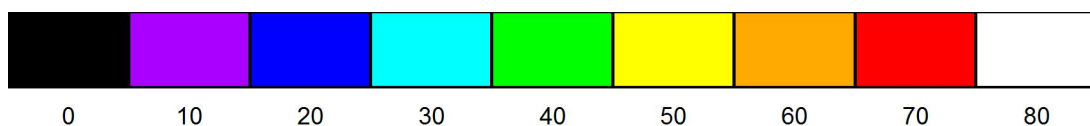
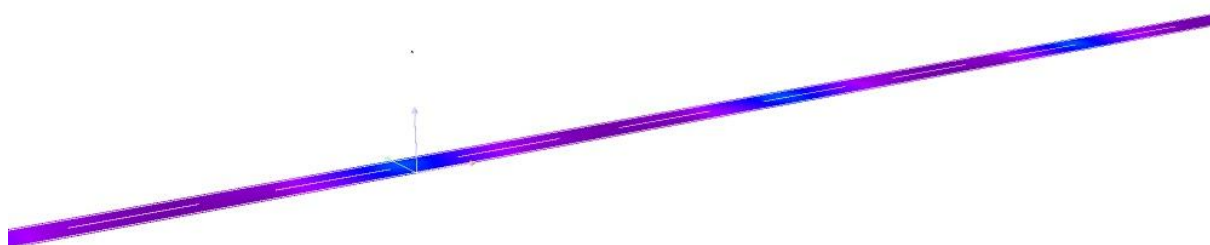
RoadSpark SLIM 60W
Article No.:
Luminous flux (Luminaire): 6072 lm
Luminous flux (Lamps): 7440 lm
Luminaire Wattage: 60.0 W
Luminaire classification according to CIE: 100
CIE flux code: 35 68 94 100 82
Fitting: 1 x Cree XP-G (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



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e-Mail

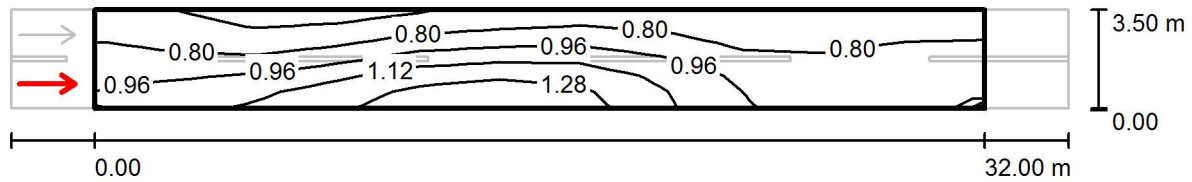
Strazdu iela / False Color Rendering



lx

Operator
Telephone
Fax
e-Mail

Strazdu iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 272

Grid: 11 x 6 Points

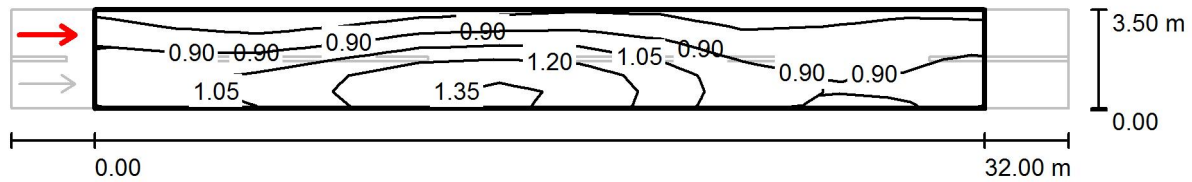
Observer Position: (-60.000 m, 0.875 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.92	0.62	0.65	11
Required values according to class ME5:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator
Telephone
Fax
e-Mail

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



Values in Candela/m², Scale 1 : 272

Grid: 11 x 6 Points

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

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.97	0.66	0.78	10
Required values according to class ME5:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator
Telephone
Fax
e-Mail

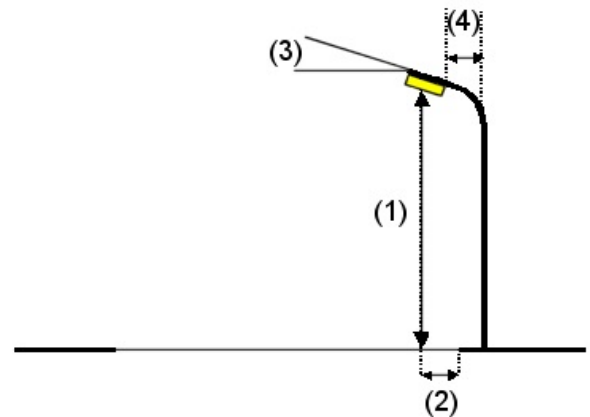
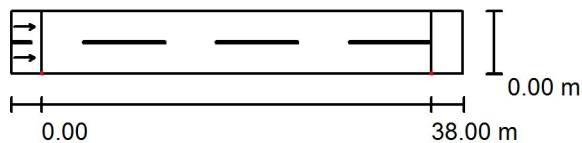
Dumpu iela / Planning data

Street Profile

Roadway 1 (Width: 6.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Light loss 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:	38.000 m
Mounting Height (1):	8.000 m
Height:	8.000 m
Overhang (2):	0.000 m
Boom Angle (3):	0.0 °
Boom Length (4):	1.000 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.

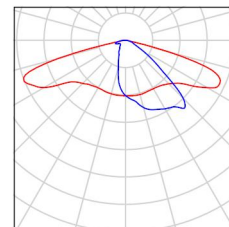
Arrangement complies with glare index class D.4.

Operator
Telephone
Fax
e-Mail

Dumpu iela / Luminaire parts list

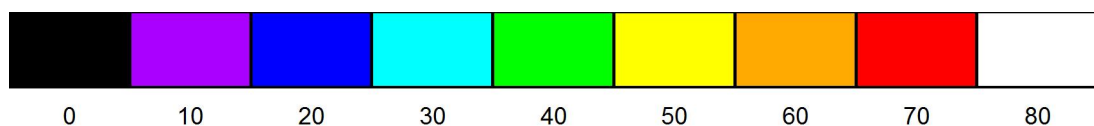
RoadSpark SLIM 60W
Article No.:
Luminous flux (Luminaire): 6072 lm
Luminous flux (Lamps): 7440 lm
Luminaire Wattage: 60.0 W
Luminaire classification according to CIE: 100
CIE flux code: 35 68 94 100 82
Fitting: 1 x Cree XP-G (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



Operator
Telephone
Fax
e-Mail

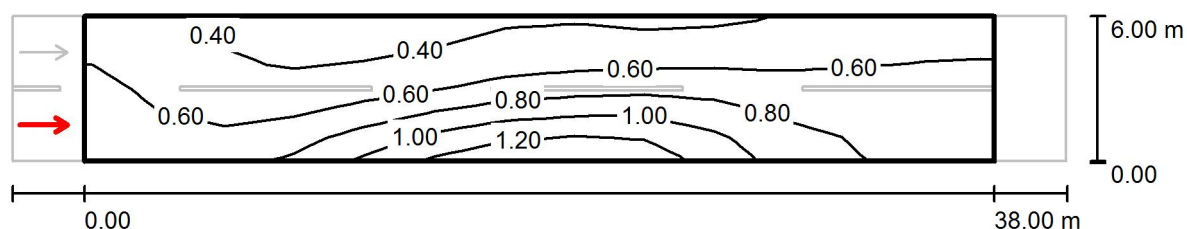
Dumpu iela / False Color Rendering



lx

Operator
Telephone
Fax
e-Mail

Dumpu iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 315

Grid: 13 x 6 Points

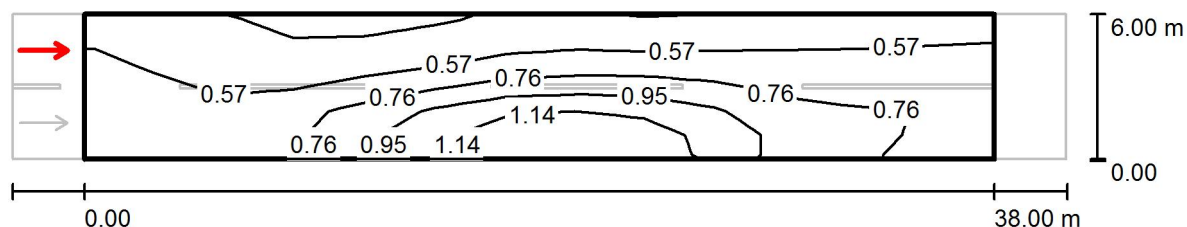
Observer Position: (-60.000 m, 1.500 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m²]	U0	UI	TI [%]
Calculated values:	0.65	0.48	0.54	14
Required values according to class ME5:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator
Telephone
Fax
e-Mail

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



Values in Candela/m², Scale 1 : 315

Grid: 13 x 6 Points

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

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.70	0.49	0.67	10
Required values according to class ME5:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator
Telephone
Fax
e-Mail

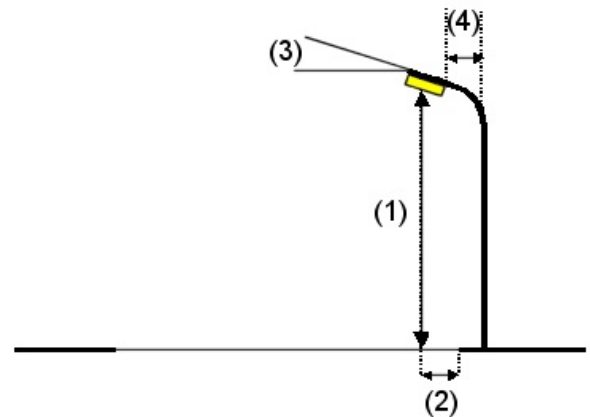
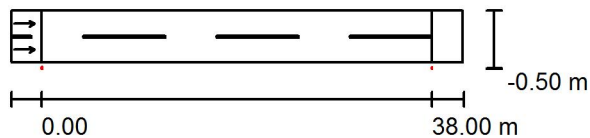
Liepājas iela / Planning data

Street Profile

Roadway 1 (Width: 5.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Light loss 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:	38.000 m
Mounting Height (1):	8.000 m
Height:	8.000 m
Overhang (2):	-0.500 m
Boom Angle (3):	0.0 °
Boom Length (4):	1.000 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.

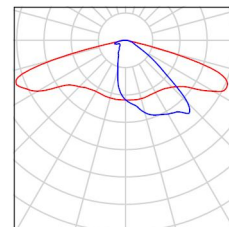
Arrangement complies with glare index class D.4.

Operator
Telephone
Fax
e-Mail

Liepājas 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 1.000).

See our luminaire
catalog for an image of
the luminaire.



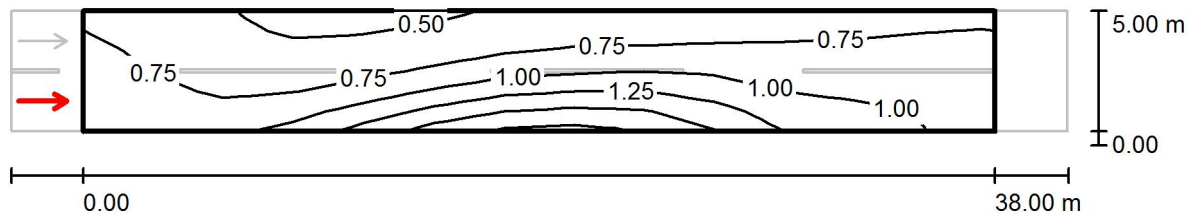
Operator
Telephone
Fax
e-Mail

Liepājas iela / False Color Rendering



Operator
Telephone
Fax
e-Mail

Liepājas iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 315

Grid: 13 x 6 Points

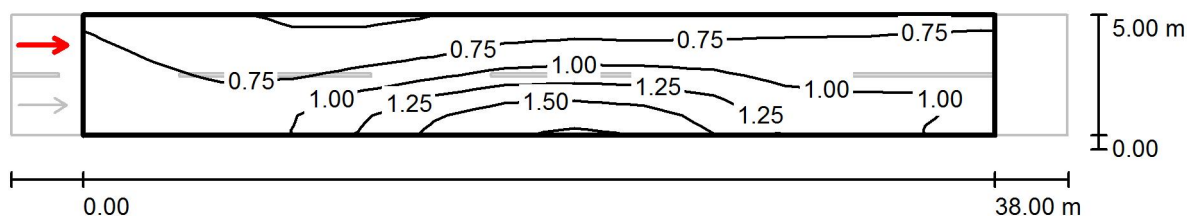
Observer Position: (-60.000 m, 1.250 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.87	0.52	0.54	14
Required values according to class ME5:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator
Telephone
Fax
e-Mail

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



Values in Candela/m², Scale 1 : 315

Grid: 13 x 6 Points

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

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.94	0.52	0.66	11
Required values according to class ME5:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator
Telephone
Fax
e-Mail

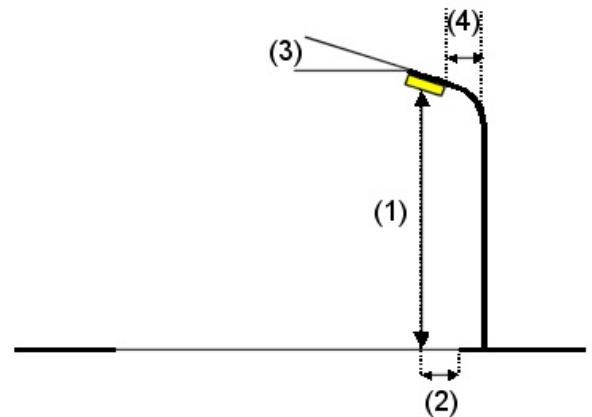
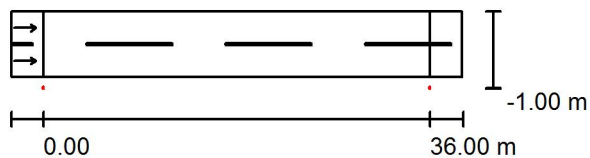
Ausekļa iela / Planning data

Street Profile

Roadway 1 (Width: 6.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Light loss 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):	-1.000 m
Boom Angle (3):	0.0 °
Boom Length (4):	1.000 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.

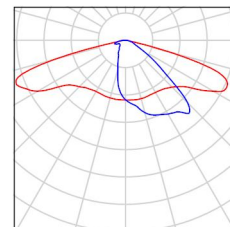
Arrangement complies with glare index class D.4.

Operator
Telephone
Fax
e-Mail

Ausekļa iela / Luminaire parts list

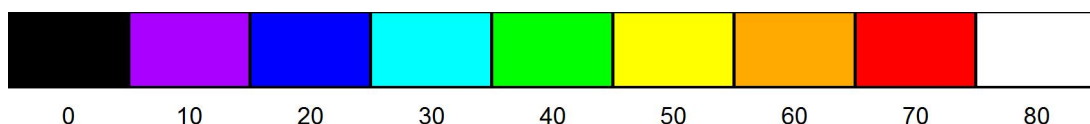
SIA Elnitor RoadSpark SLIM 80W
Article No.:
Luminous flux (Luminaire): 8081 lm
Luminous flux (Lamps): 9200 lm
Luminaire Wattage: 80.0 W
Luminaire classification according to CIE: 100
CIE flux code: 35 68 94 100 88
Fitting: 1 x Cree XP-G (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



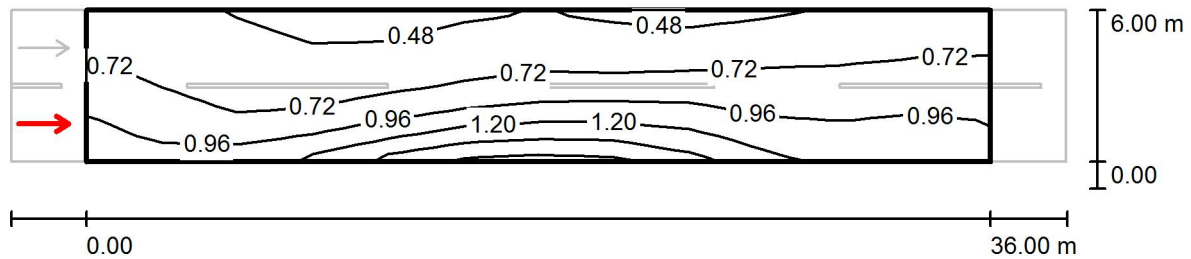
Operator
Telephone
Fax
e-Mail

Ausekļa iela / False Color Rendering



Operator
Telephone
Fax
e-Mail

Auseklā iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 301

Grid: 12 x 6 Points

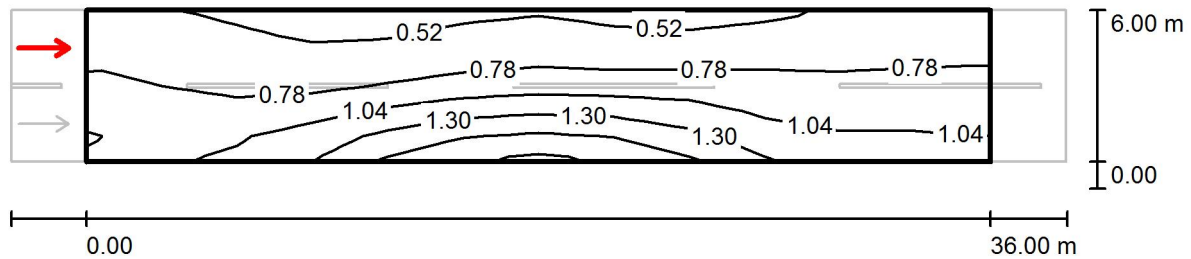
Observer Position: (-60.000 m, 1.500 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m²]	U0	UI	TI [%]
Calculated values:	0.81	0.51	0.62	15
Required values according to class ME4b:	≥ 0.75	≥ 0.40	≥ 0.50	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator
Telephone
Fax
e-Mail

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



Values in Candela/m², Scale 1 : 301

Grid: 12 x 6 Points

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

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.89	0.50	0.75	10
Required values according to class ME4b:	≥ 0.75	≥ 0.40	≥ 0.50	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator
Telephone
Fax
e-Mail

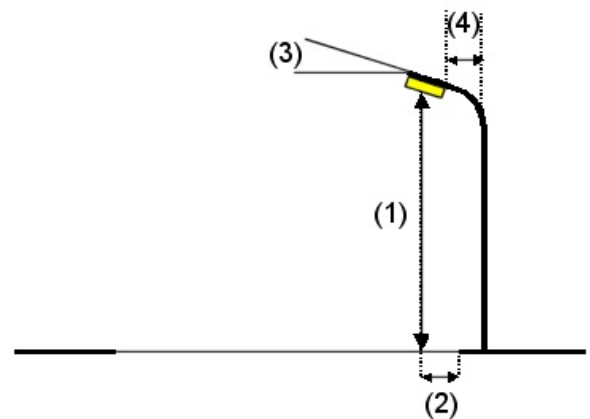
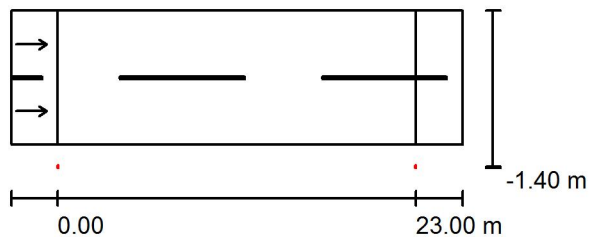
Valdemāra bulvāris / Planning data

Street Profile

Roadway 1 (Width: 8.500 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Light loss 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: 23.000 m

Mounting Height (1): 8.000 m

Height: 8.000 m

Overhang (2): -1.400 m

Boom Angle (3): 10.0 °

Boom Length (4): 1.000 m

Maximum luminous intensities

at 70°: 484 cd/klm

at 80°: 280 cd/klm

at 90°: 31 cd/klm

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

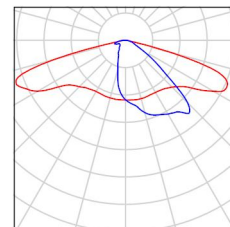
Arrangement complies with glare index class D.3.

Operator
Telephone
Fax
e-Mail

Valdemāra bulvāris / Luminaire parts list

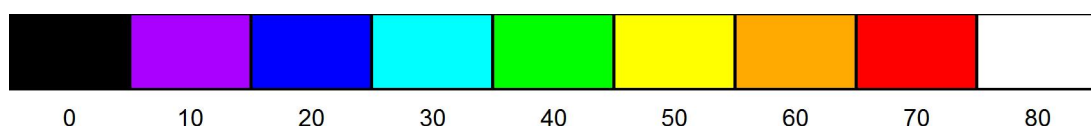
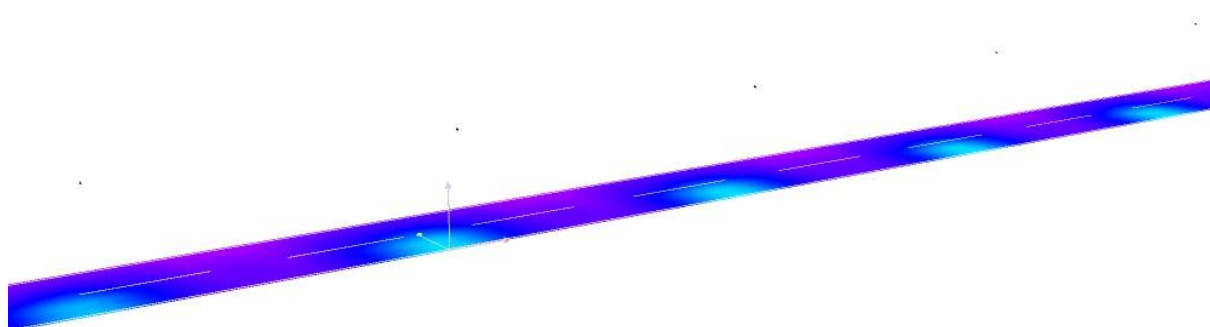
SIA Elnitor RoadSpark SLIM 80W
Article No.:
Luminous flux (Luminaire): 8081 lm
Luminous flux (Lamps): 9200 lm
Luminaire Wattage: 80.0 W
Luminaire classification according to CIE: 100
CIE flux code: 35 68 94 100 88
Fitting: 1 x Cree XP-G (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



Operator
Telephone
Fax
e-Mail

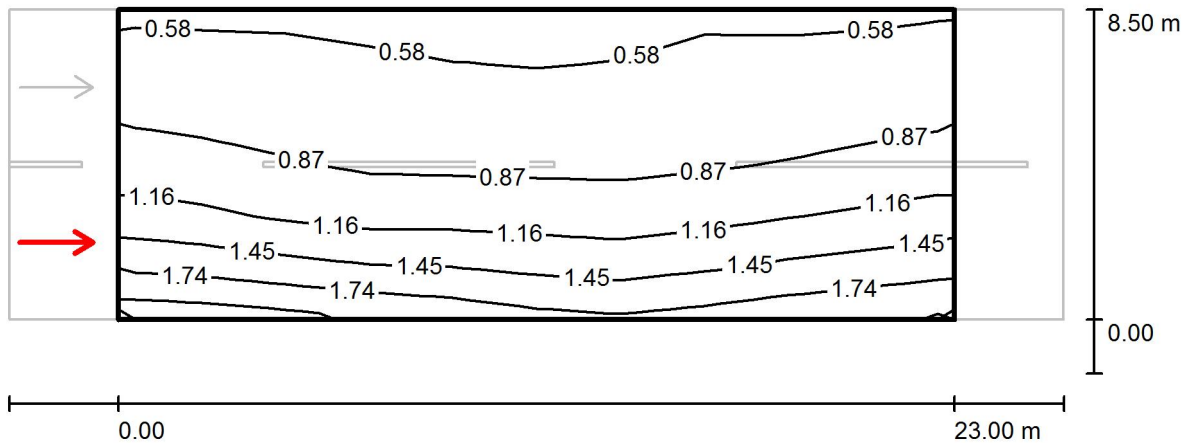
Valdemāra bulvāris / False Color Rendering



lx

Operator
Telephone
Fax
e-Mail

Valdemāra bulvāris / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 208

Grid: 10 x 6 Points

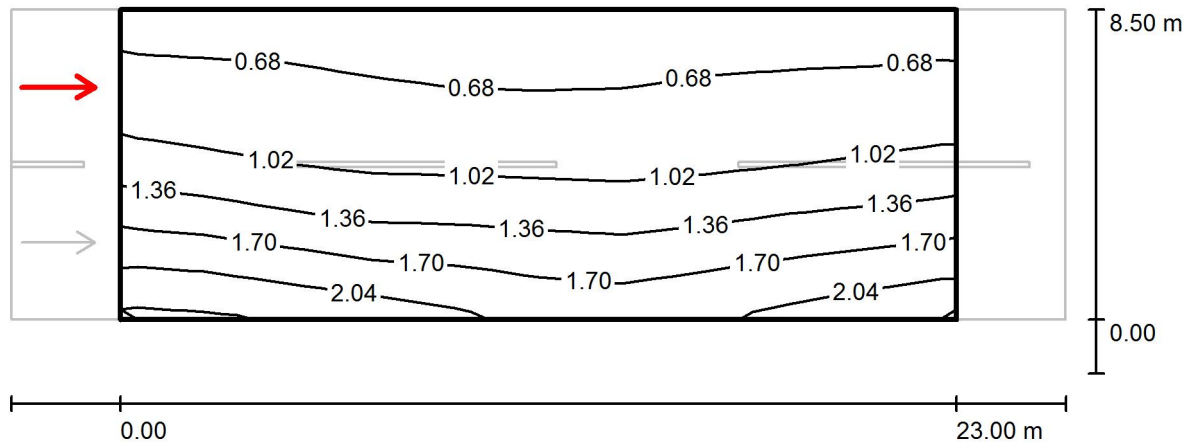
Observer Position: (-60.000 m, 2.125 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m²]	U0	UI	TI [%]
Calculated values:	1.00	0.51	0.80	12
Required values according to class ME4b:	≥ 0.75	≥ 0.40	≥ 0.50	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator
Telephone
Fax
e-Mail

Valdemāra bulvāris / Valuation Field Roadway 1 / Observer 2 / Isolines (L)



Values in Candela/m², Scale 1 : 208

Grid: 10 x 6 Points

Observer Position: (-60.000 m, 6.375 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	1.15	0.47	0.86	6
Required values according to class ME4b:	≥ 0.75	≥ 0.40	≥ 0.50	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator
Telephone
Fax
e-Mail

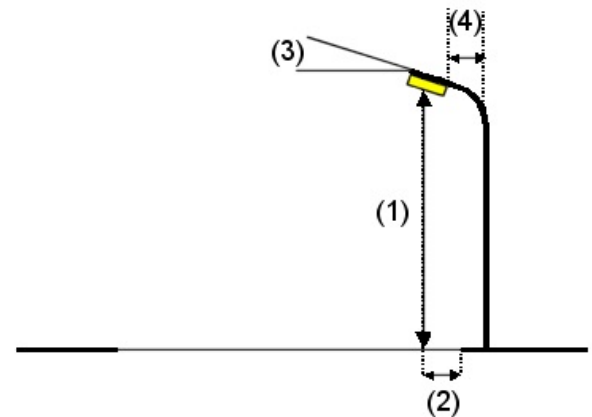
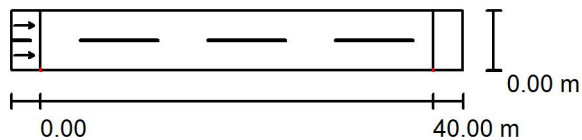
Miera iela / Planning data

Street Profile

Roadway 1 (Width: 6.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Light loss 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):	2.000 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.

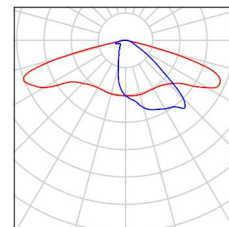
Arrangement complies with glare index class D.4.

Operator
Telephone
Fax
e-Mail

Miera iela / Luminaire parts list

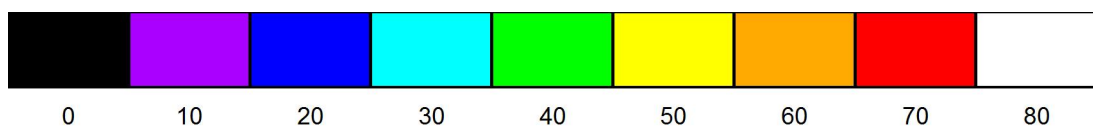
RoadSpark SLIM 60W
Article No.:
Luminous flux (Luminaire): 6072 lm
Luminous flux (Lamps): 7440 lm
Luminaire Wattage: 60.0 W
Luminaire classification according to CIE: 100
CIE flux code: 35 68 94 100 82
Fitting: 1 x Cree XP-G (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



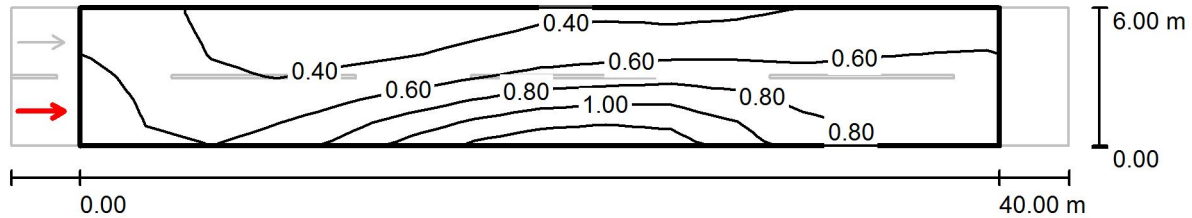
Operator
Telephone
Fax
e-Mail

Miera iela / False Color Rendering



Operator
Telephone
Fax
e-Mail

Miera iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 329

Grid: 14 x 6 Points

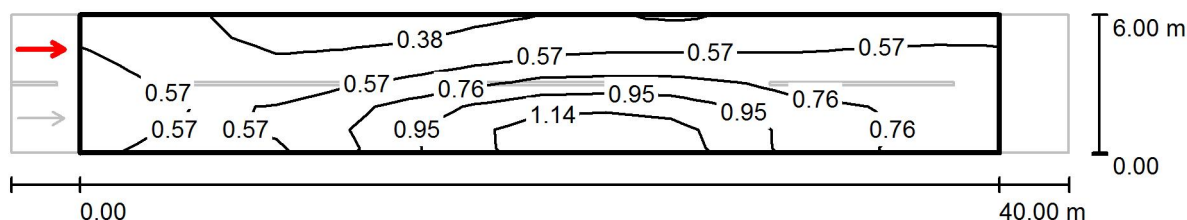
Observer Position: (-60.000 m, 1.500 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.62	0.44	0.46	14
Required values according to class ME5:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator
Telephone
Fax
e-Mail

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



Values in Candela/m², 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/m²]	U0	UI	TI [%]
Calculated values:	0.67	0.45	0.62	10
Required values according to class ME5:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator
Telephone
Fax
e-Mail

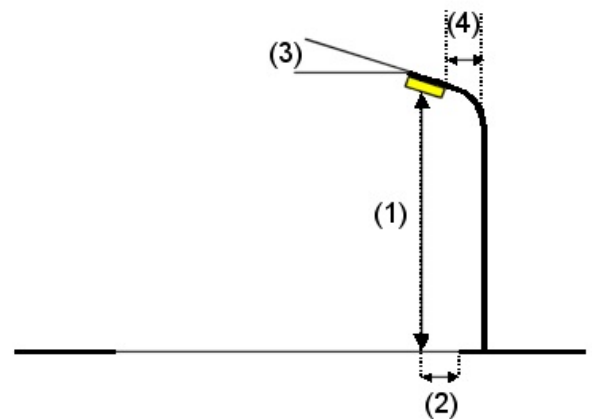
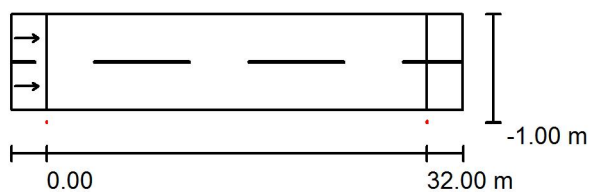
Valmieras iela / Planning data

Street Profile

Roadway 1 (Width: 8.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Light loss 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: 32.000 m

Mounting Height (1): 8.000 m

Height: 8.000 m

Overhang (2): -1.000 m

Boom Angle (3): 10.0 °

Boom Length (4): 2.000 m

Maximum luminous intensities

at 70°: 484 cd/klm

at 80°: 280 cd/klm

at 90°: 31 cd/klm

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

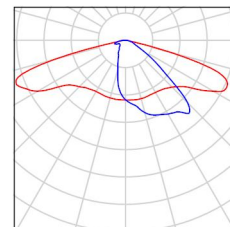
Arrangement complies with glare index class D.3.

Operator
Telephone
Fax
e-Mail

Valmieras iela / Luminaire parts list

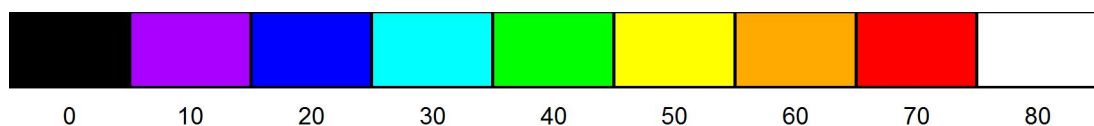
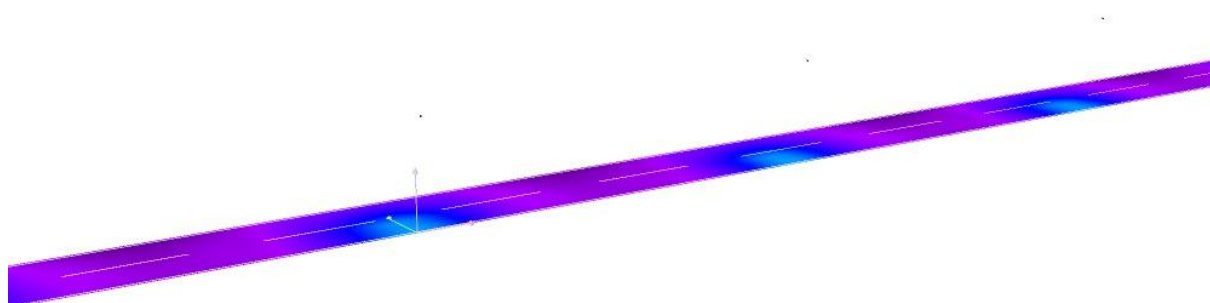
SIA Elnitor RoadSpark SLIM 80W
Article No.:
Luminous flux (Luminaire): 8081 lm
Luminous flux (Lamps): 9200 lm
Luminaire Wattage: 80.0 W
Luminaire classification according to CIE: 100
CIE flux code: 35 68 94 100 88
Fitting: 1 x Cree XP-G (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



Operator
Telephone
Fax
e-Mail

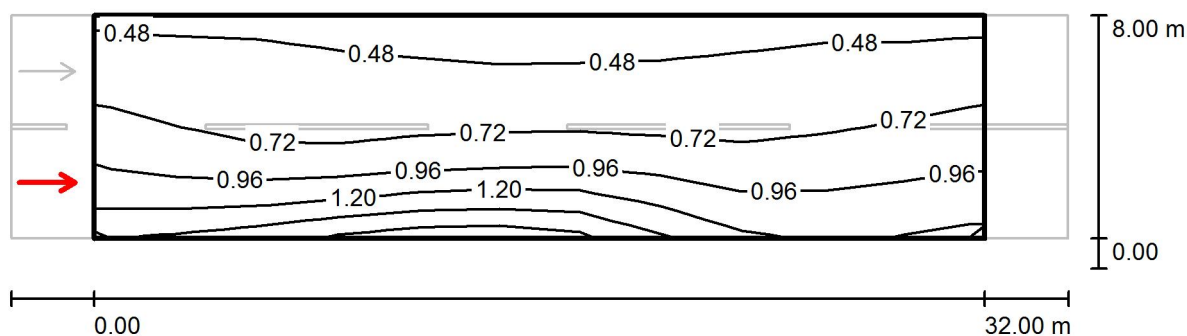
Valmieras iela / False Color Rendering



lx

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Fax
e-Mail

Valmieras iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 272

Grid: 11 x 6 Points

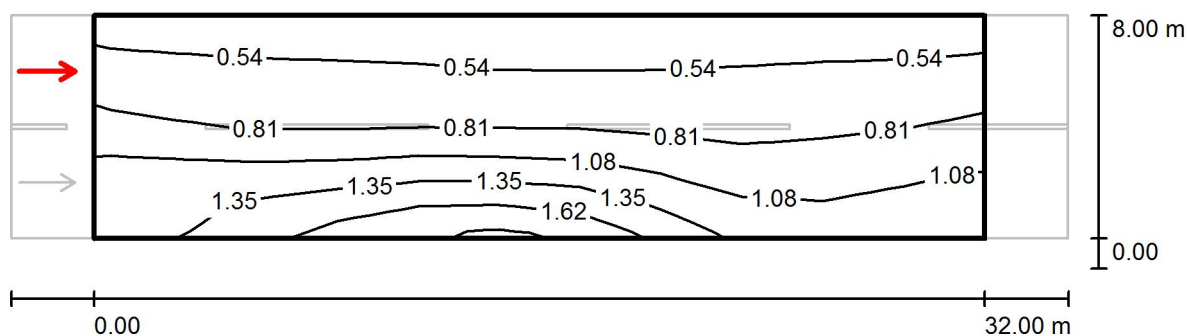
Observer Position: (-60.000 m, 2.000 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.78	0.51	0.82	15
Required values according to class ME4b:	≥ 0.75	≥ 0.40	≥ 0.50	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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



Values in Candela/m², Scale 1 : 272

Grid: 11 x 6 Points

Observer Position: (-60.000 m, 6.000 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.88	0.49	0.86	8
Required values according to class ME4b:	≥ 0.75	≥ 0.40	≥ 0.50	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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e-Mail

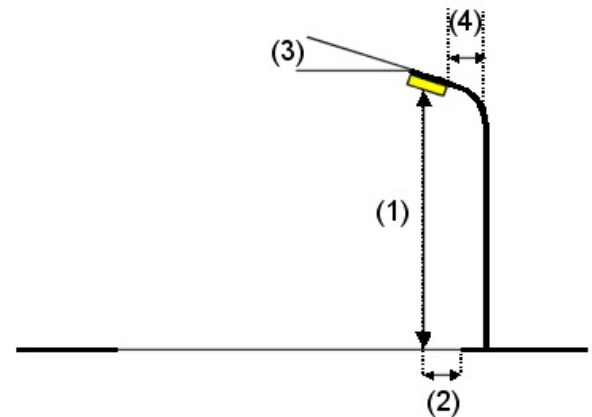
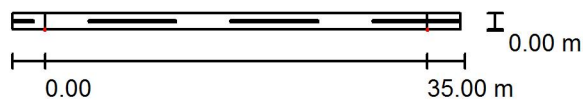
Orehovozuevas iela / Planning data

Street Profile

Roadway 1 (Width: 1.500 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Light loss 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):	0.000 m
Boom Angle (3):	0.0 °
Boom Length (4):	1.000 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.

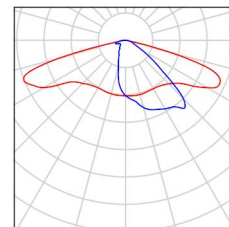
Arrangement complies with glare index class D.4.

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Orehovozuevas iela / Luminaire parts list

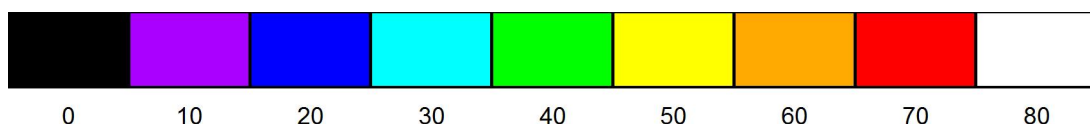
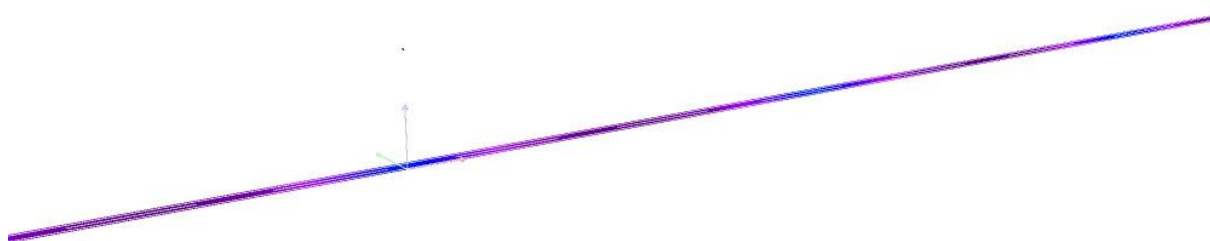
RoadSpark SLIM 60W
Article No.:
Luminous flux (Luminaire): 6072 lm
Luminous flux (Lamps): 7440 lm
Luminaire Wattage: 60.0 W
Luminaire classification according to CIE: 100
CIE flux code: 35 68 94 100 82
Fitting: 1 x Cree XP-G (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



Operator
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Fax
e-Mail

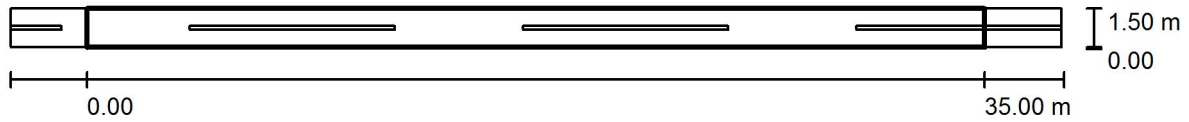
Orehovozuevas iela / False Color Rendering



lx

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Orehovozuevas iela / Valuation Field Roadway 1 / Results overview



Light loss factor: 0.85

Scale 1:294

Grid: 12 x 3 Points

Accompanying Street Elements: Roadway 1.

Selected Lighting Class: S3

(All lighting performance requirements are met.)

Calculated values:

Required values according to class:

Fulfilled/Not fulfilled:

E_{av} [lx]

10.54

≥ 7.50



E_{min} [lx]

5.53

≥ 1.50

