

Aloja 2 daļa dimmēts režīms

Baznīcas iela
Jāņa Čakstes iela
Kluba iela
Jūras iela

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

Date: 13.04.2015
Operator:

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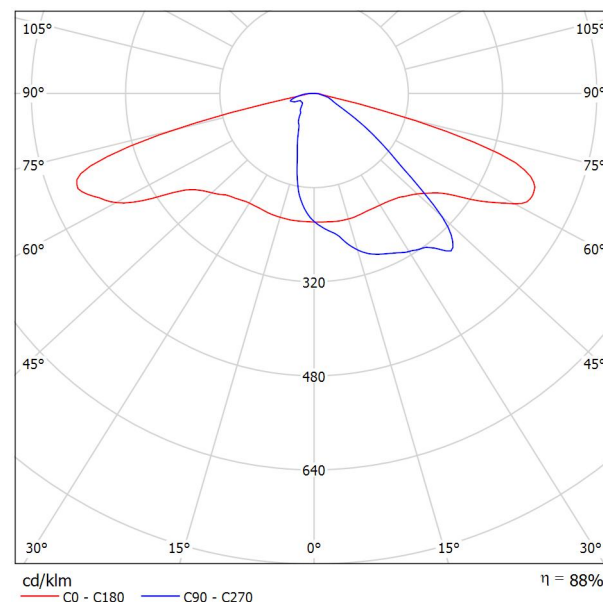
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SIA Elnitor RoadSpark SLIM 80W / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



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

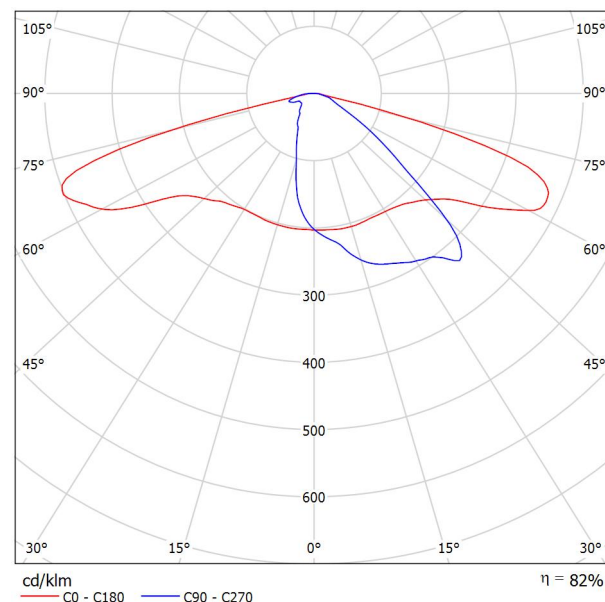
Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

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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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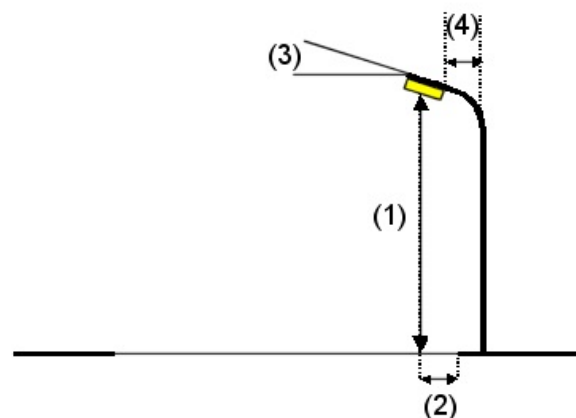
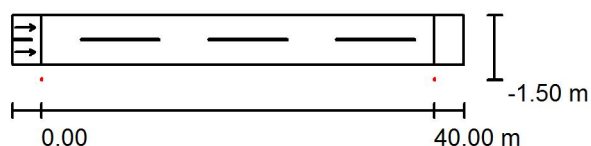
Baznīcas iela / Planning data

Street Profile

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

Maintenance factor: 0.85

Luminaire Arrangements



Luminaire: 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.

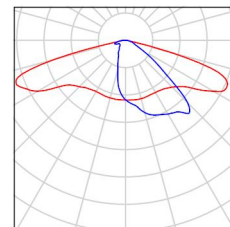
Arrangement complies with glare index class D.4.

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Baznīcas iela / Luminaire parts list

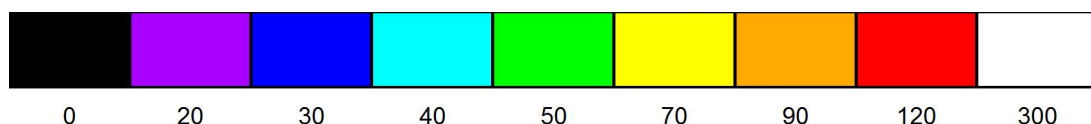
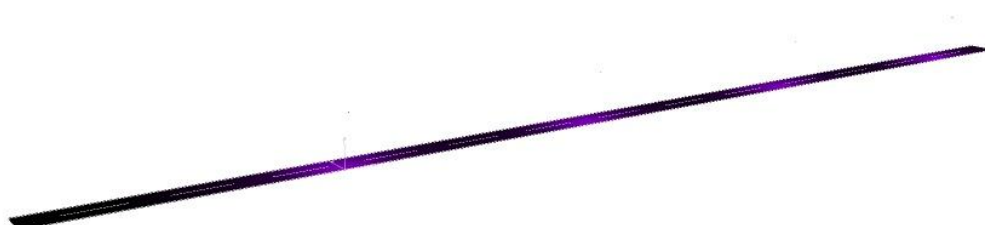
SIA Elnitor RoadSpark SLIM 80W
Article No.:
Luminous flux (Luminaire): 8081 lm
Luminous flux (Lamps): 9200 lm
Luminaire Wattage: 80.0 W
Luminaire classification according to CIE: 100
CIE flux code: 35 68 94 100 88
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire
catalog for an image of
the luminaire.



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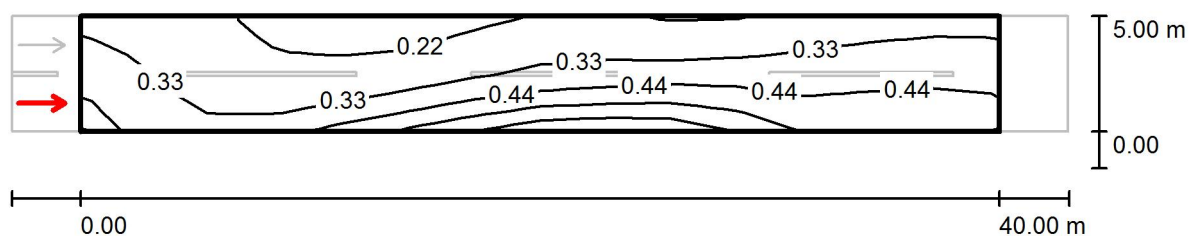
Baznīcas iela / False Colour Rendering



lx

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



Values in Candela/m², Scale 1 : 329

Grid: 14 x 6 Points

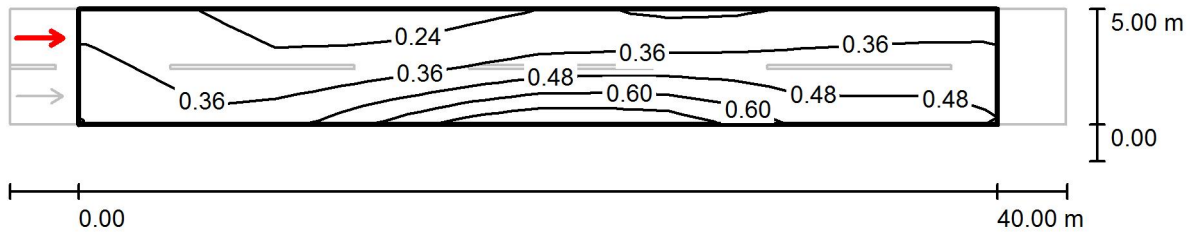
Observer Position: (-60.000 m, 1.250 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m²]	U0	UI	TI [%]
Calculated values:	0.36	0.48	0.49	13
Required values according to class ME6:	≥ 0.30	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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Baznīcas 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, 3.750 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m²]	U0	UI	TI [%]
Calculated values:	0.39	0.48	0.62	10
Required values according to class ME6:	≥ 0.30	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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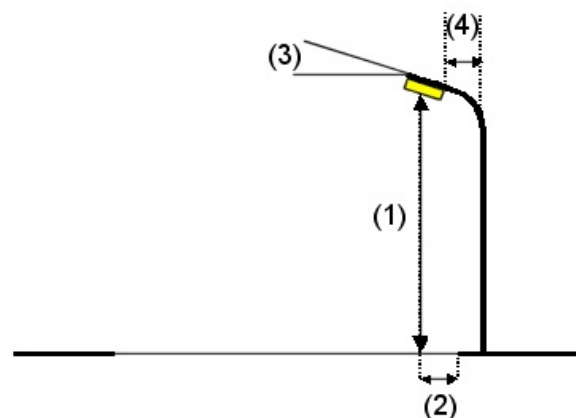
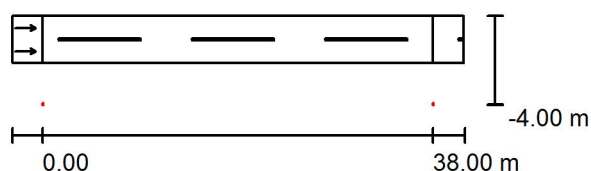
Jāņa Čakstes iela / Planning data

Street Profile

Roadway 1 (Width: 4.500 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Maintenance factor: 0.85

Luminaire Arrangements



Luminaire: 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): 8.500 m

Height: 8.500 m

Overhang (2): -4.000 m

Boom Angle (3): 0.0 °

Boom Length (4): 2.000 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.

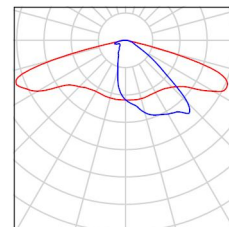
Arrangement complies with glare index class D.4.

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Jāņa Čakstes iela / Luminaire parts list

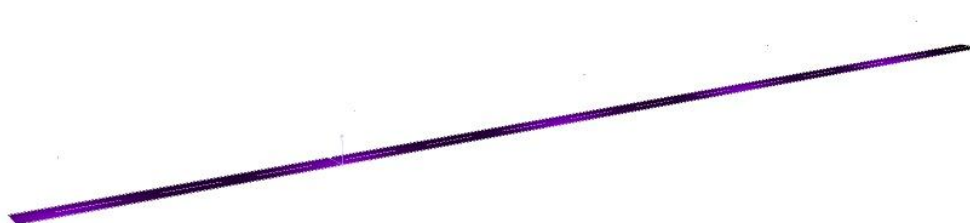
SIA Elnitor RoadSpark SLIM 80W
Article No.:
Luminous flux (Luminaire): 8081 lm
Luminous flux (Lamps): 9200 lm
Luminaire Wattage: 80.0 W
Luminaire classification according to CIE: 100
CIE flux code: 35 68 94 100 88
Fitting: 1 x Cree XP-G (Correction Factor 0.700).

See our luminaire
catalog for an image of
the luminaire.



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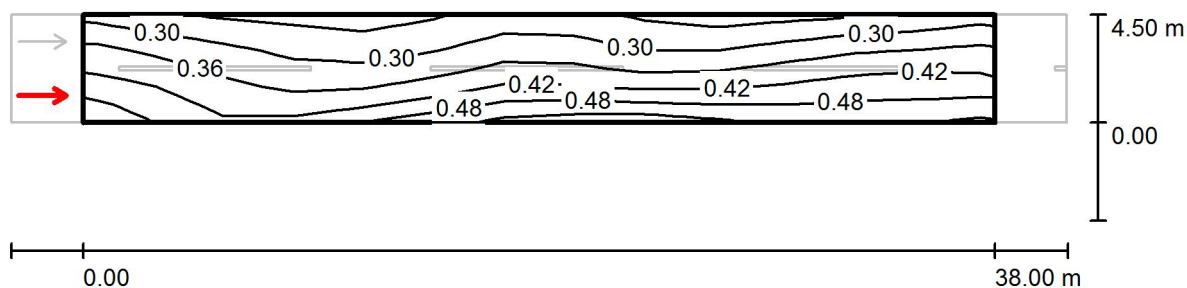
Jāņa Čakstes iela / False Colour Rendering



0 20 30 40 50 70 90 120 300 lx

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Jāņa Čakstes iela / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 315

Grid: 13 x 6 Points

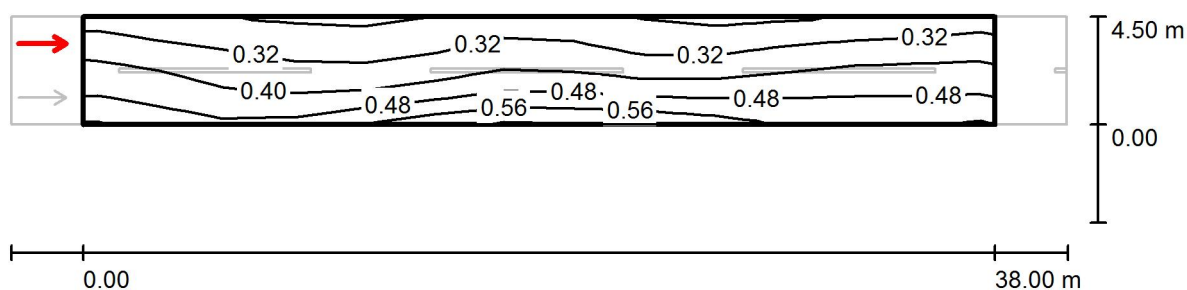
Observer Position: (-60.000 m, 1.125 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.37	0.61	0.76	13
Required values according to class ME6:	≥ 0.30	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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Jāņa Čakstes 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, 3.375 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.39	0.60	0.77	9
Required values according to class ME6:	≥ 0.30	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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Kluba iela (pirmais posms) / Planning data

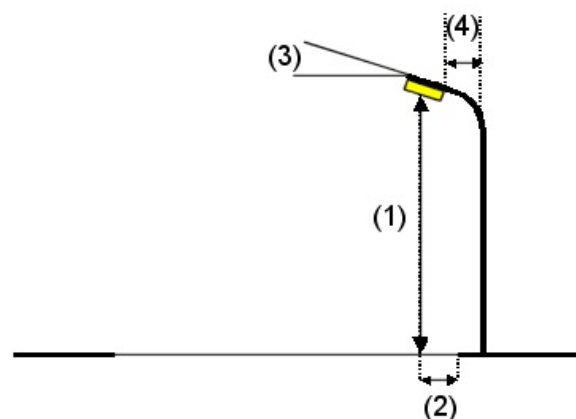
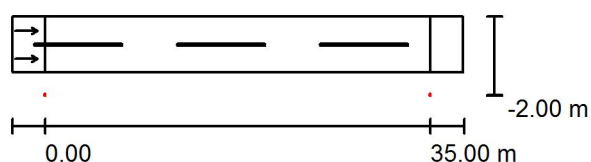
No Brīvības ielas līdz Jūras ielai

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:	35.000 m
Mounting Height (1):	9.000 m
Height:	9.000 m
Overhang (2):	-2.000 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.

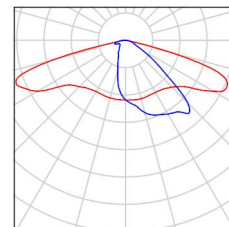
Arrangement complies with glare index class D.4.

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Kluba iela (pirmais posms) / Luminaire parts list

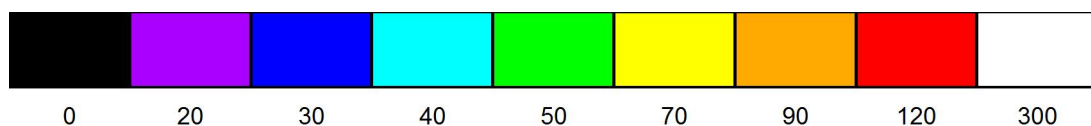
SIA Elnitor RoadSpark SLIM 80W
Article No.:
Luminous flux (Luminaire): 8081 lm
Luminous flux (Lamps): 9200 lm
Luminaire Wattage: 80.0 W
Luminaire classification according to CIE: 100
CIE flux code: 35 68 94 100 88
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire
catalog for an image of
the luminaire.



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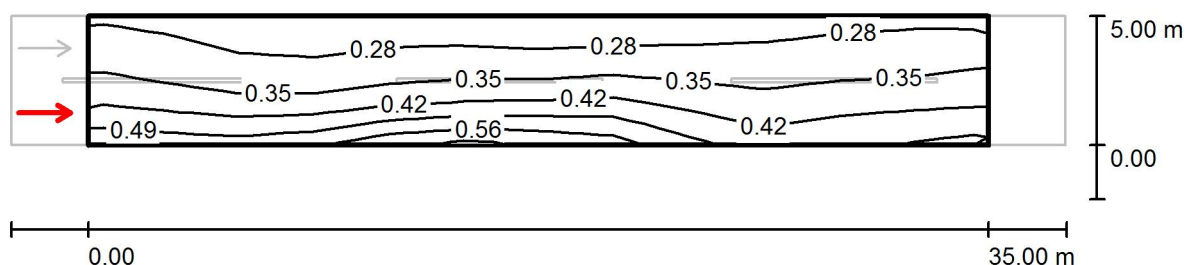
Kluba iela (pirmais posms) / False Colour Rendering



lx

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Kluba iela (pirmais posms) / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 294

Grid: 12 x 6 Points

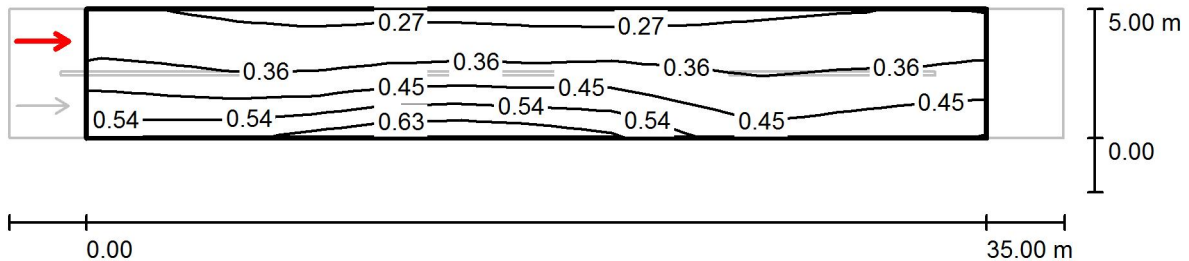
Observer Position: (-60.000 m, 1.250 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.36	0.66	0.79	10
Required values according to class ME6:	≥ 0.30	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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



Values in Candela/m², Scale 1 : 294

Grid: 12 x 6 Points

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

tarmac: R3, q0: 0.070

	L_{av} [cd/m²]	U0	UI	TI [%]
Calculated values:	0.40	0.63	0.87	7
Required values according to class ME6:	≥ 0.30	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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Kluba iela (Otrais posms) / Planning data

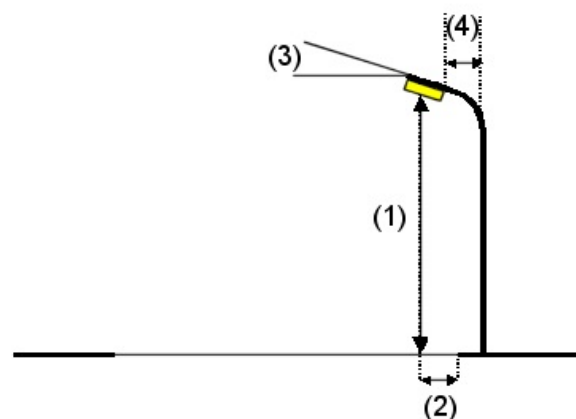
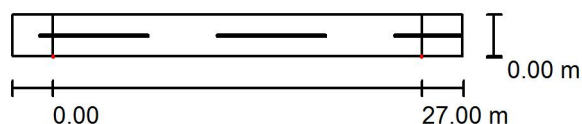
No Jūras ielas līdz Kalēju ielai

Street Profile

Roadway 1 (Width: 3.000 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:	27.000 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.

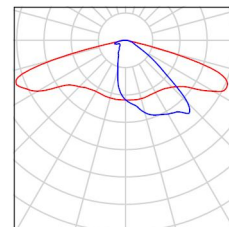
Arrangement complies with glare index class D.4.

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Kluba iela (Otrais posms) / Luminaire parts list

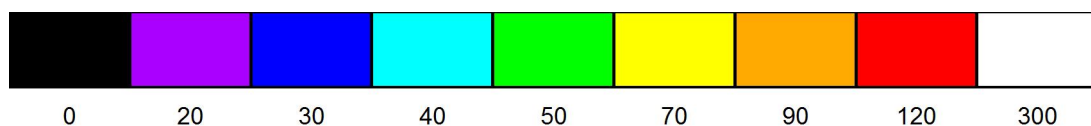
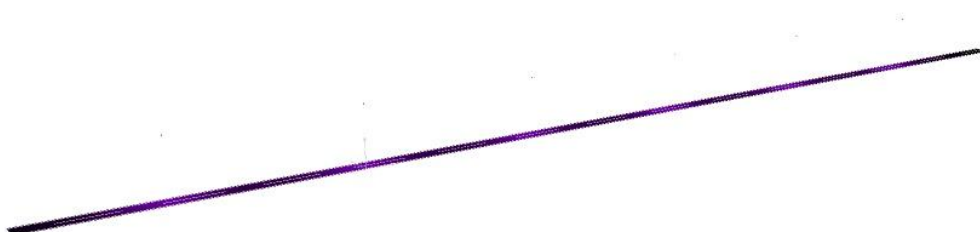
SIA Elnitor RoadSpark SLIM 80W
Article No.:
Luminous flux (Luminaire): 8081 lm
Luminous flux (Lamps): 9200 lm
Luminaire Wattage: 80.0 W
Luminaire classification according to CIE: 100
CIE flux code: 35 68 94 100 88
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire
catalog for an image of
the luminaire.

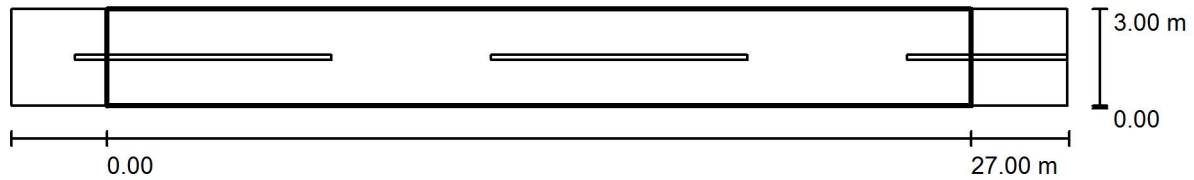


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Kluba iela (Otrais posms) / False Colour Rendering



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Kluba iela (Otrais posms) / Valuation Field Roadway 1 / Results overview

Maintenance factor: 0.85

Scale 1:236

Grid: 10 x 3 Points

Accompanying Street Elements: Roadway 1.

Selected Lighting Class: S3

(All lighting performance requirements are met.)

Calculated values:

Required values according to class:

Fulfilled/Not fulfilled:

 E_{av} [lx]

8.24

 ≥ 7.50  E_{min} [lx]

5.48

 ≥ 1.50 

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Kluba iela (Trešais posms) / Planning data

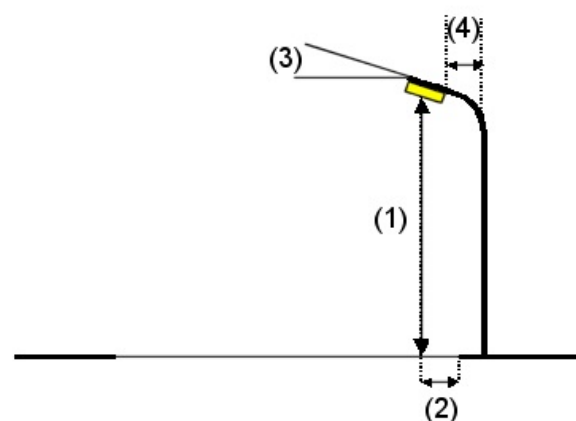
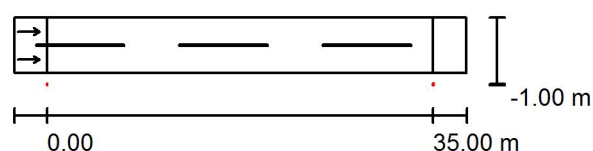
No Kalēju ielas līdz Skolas ielai

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: 35.000 m
Mounting Height (1): 9.000 m
Height: 9.000 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.

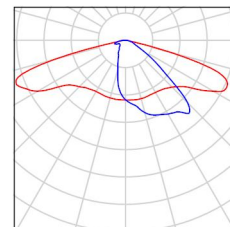
Arrangement complies with glare index class D.4.

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Kluba iela (Trešais posms) / Luminaire parts list

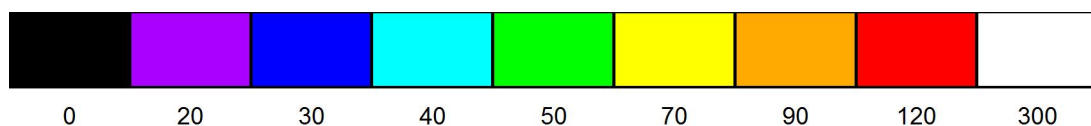
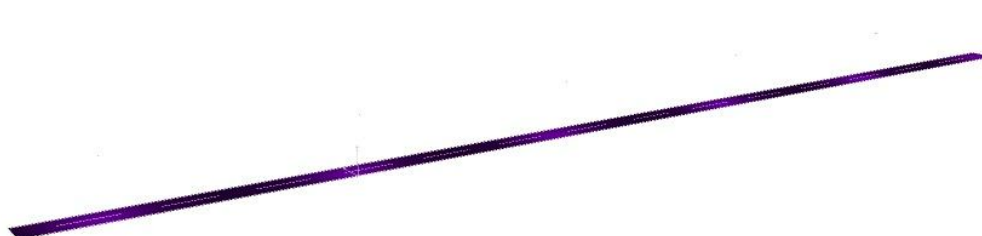
SIA Elnitor RoadSpark SLIM 80W
Article No.:
Luminous flux (Luminaire): 8081 lm
Luminous flux (Lamps): 9200 lm
Luminaire Wattage: 80.0 W
Luminaire classification according to CIE: 100
CIE flux code: 35 68 94 100 88
Fitting: 1 x Cree XP-G (Correction Factor 0.500).

See our luminaire
catalog for an image of
the luminaire.



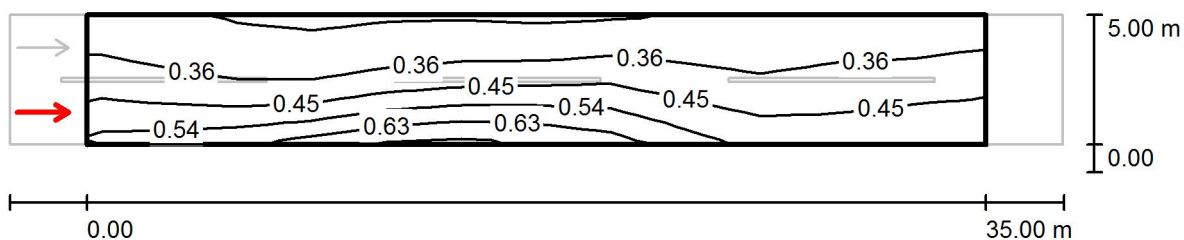
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Kluba iela (Trešais posms) / False Colour Rendering



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Kluba iela (Trešais posms) / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 294

Grid: 12 x 6 Points

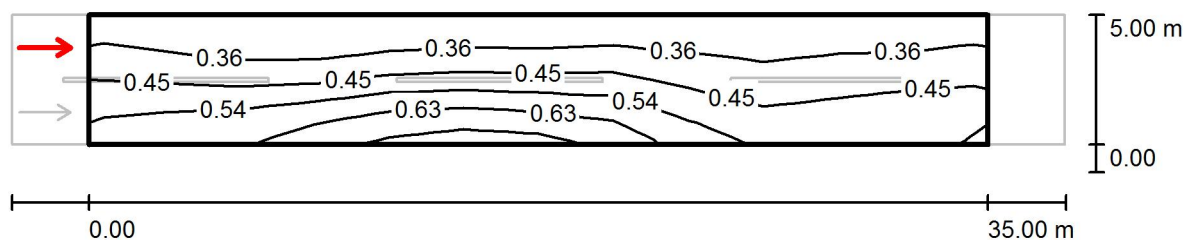
Observer Position: (-60.000 m, 1.250 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.41	0.63	0.75	10
Required values according to class ME6:	≥ 0.30	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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Kluba iela (Trešais posms) / Valuation Field Roadway 1 / Observer 2 / Isolines (L)



Values in Candela/m², Scale 1 : 294

Grid: 12 x 6 Points

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

tarmac: R3, q0: 0.070

	L_{av} [cd/m²]	U0	UI	TI [%]
Calculated values:	0.45	0.61	0.84	8
Required values according to class ME6:	≥ 0.30	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

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e-Mail

Kluba iela (Ceturtais posms) / Planning data

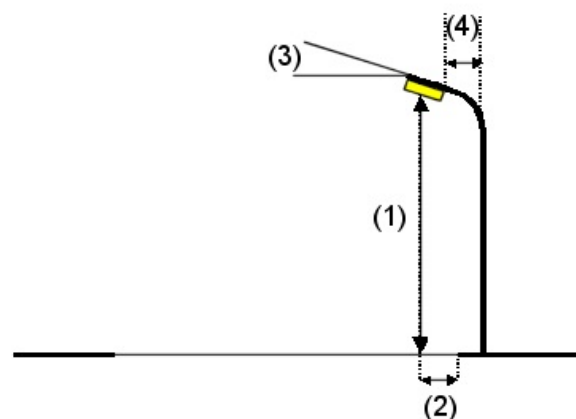
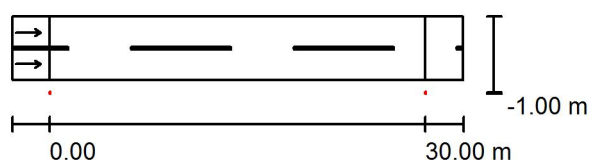
No Valmieras ielas līdz Rīgas ielai

Street Profile

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

Maintenance factor: 0.85

Luminaire Arrangements



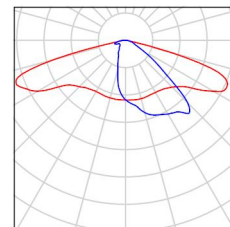
Luminaire:	SIA Elnitor RoadSpark SLIM 80W	Maximum luminous intensities
Luminous flux (Luminaire):	8081 lm	at 70°: 492 cd/klm
Luminous flux (Lamps):	9200 lm	at 80°: 103 cd/klm
Luminaire Wattage:	80.0 W	at 90°: 13 cd/klm
Arrangement:	Single row, bottom	Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.
Pole Distance:	30.000 m	No luminous intensities above 90°.
Mounting Height (1):	7.500 m	Arrangement complies with luminous intensity class G2.
Height:	7.500 m	Arrangement complies with glare index class D.4.
Overhang (2):	-1.000 m	
Boom Angle (3):	0.0 °	
Boom Length (4):	1.500 m	

Operator
Telephone
Fax
e-Mail

Kluba iela (Ceturtais 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

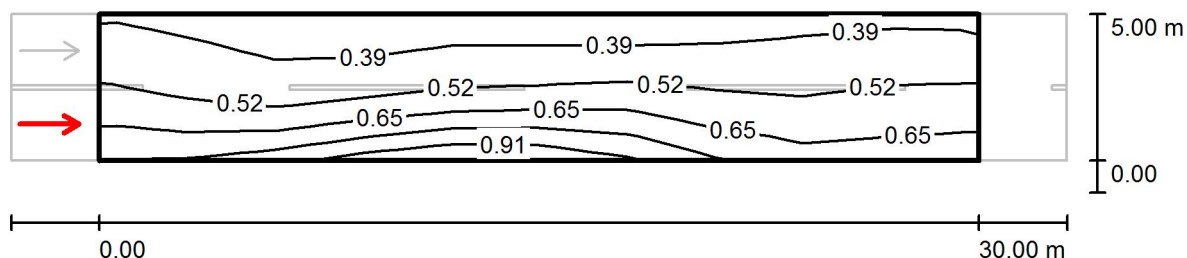
Kluba iela (Ceturtais posms) / False Colour Rendering



0 20 30 40 50 70 90 120 300 lx

Operator
Telephone
Fax
e-Mail

Kluba iela (Ceturtais posms) / Valuation Field Roadway 1 / Observer 1 / Isolines (L)



Values in Candela/m², Scale 1 : 258

Grid: 10 x 6 Points

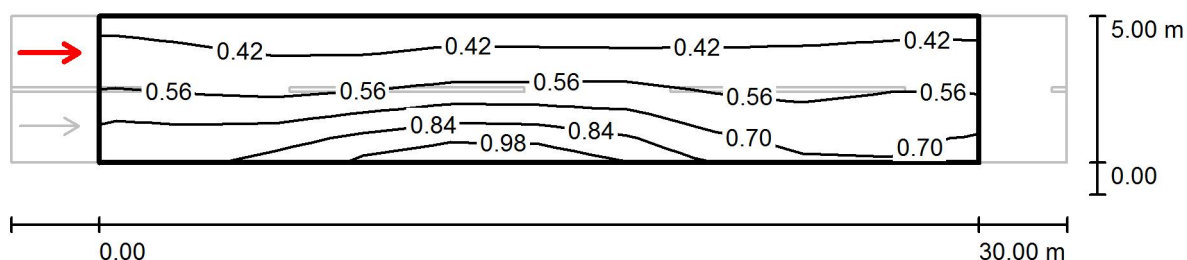
Observer Position: (-60.000 m, 1.250 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.54	0.61	0.75	12
Required values according to class ME6:	≥ 0.30	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator
Telephone
Fax
e-Mail

Kluba iela (Ceturtais posms) / 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, 3.750 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m²]	U0	UI	TI [%]
Calculated values:	0.58	0.60	0.86	8
Required values according to class ME6:	≥ 0.30	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator
Telephone
Fax
e-Mail

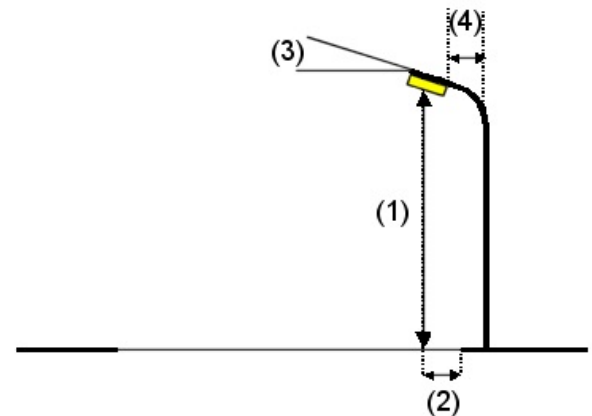
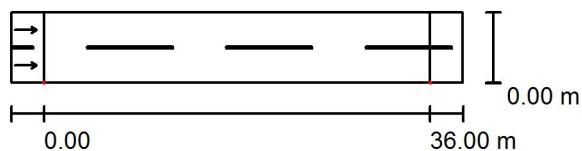
Jūras iela / Planning data

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: 36.000 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°: 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.

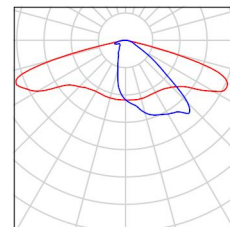
Arrangement complies with glare index class D.4.

Operator
Telephone
Fax
e-Mail

Jūras 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

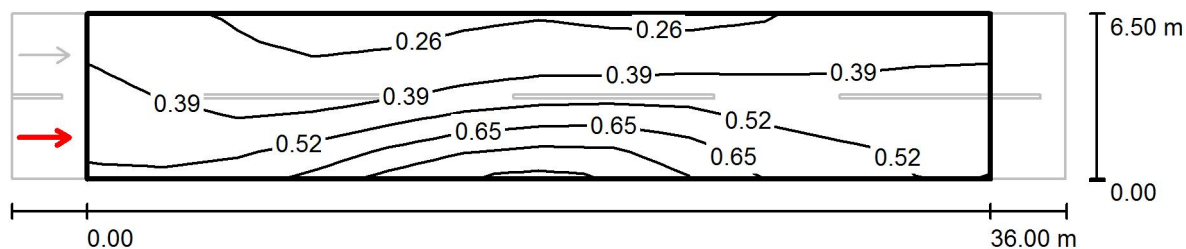
Jūras iela / False Colour Rendering



lx

Operator
Telephone
Fax
e-Mail

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



Values in Candela/m², Scale 1 : 301

Grid: 12 x 6 Points

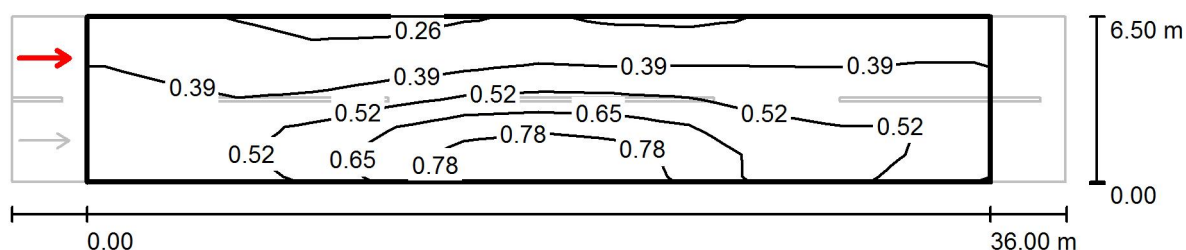
Observer Position: (-60.000 m, 1.625 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m²]	U0	UI	TI [%]
Calculated values:	0.45	0.49	0.61	12
Required values according to class ME6:	≥ 0.30	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓

Operator
Telephone
Fax
e-Mail

Jūras 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, 4.875 m, 1.500 m)

tarmac: R3, q0: 0.070

	L_{av} [cd/m ²]	U0	UI	TI [%]
Calculated values:	0.48	0.50	0.74	9
Required values according to class ME6:	≥ 0.30	≥ 0.35	≥ 0.40	≤ 15
Fulfilled/Not fulfilled:	✓	✓	✓	✓