

Ventspils, Promenādes apgaismojums ar NERI Chara

Partner for Contact:

Order No.:

Company:

Customer No.:

Date: 27.07.2017

Operator: Jānis Škutāns

SIA "Gaismas Stils"

Maskavas iela 12, Rīga, LV-1050, Latvija

Operator Jānis Škutāns
Telephone +371 67797441
Fax +371 67797444
e-Mail janis.skutans@gaismasstils.lv

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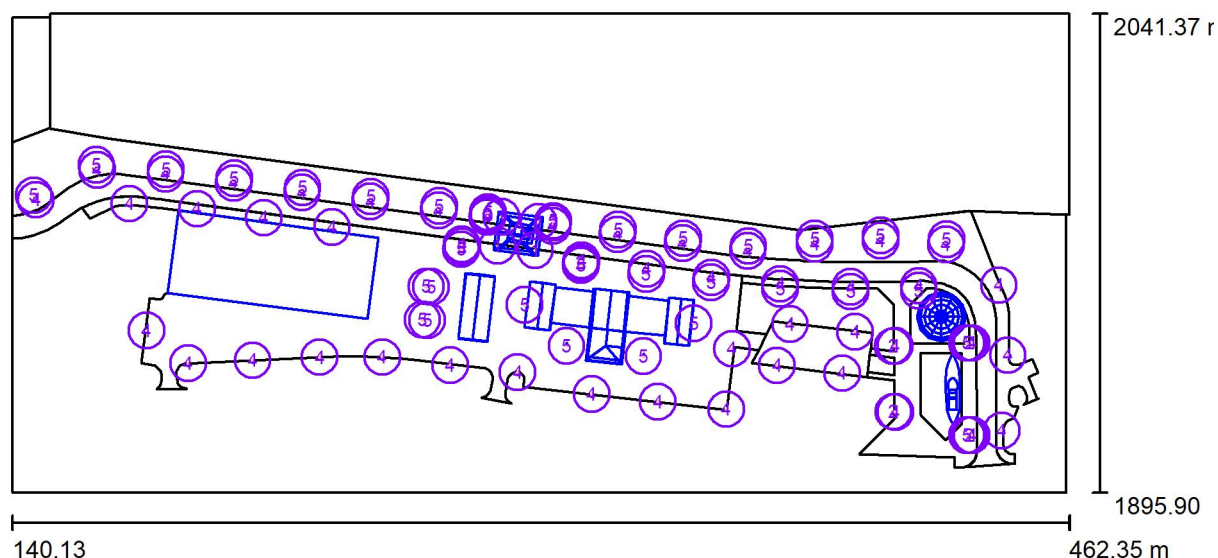
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SIA "Gaismas Stils"

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Ventspils, Promenādes apgaismojums NERI Chara - kopējais / Planning data



Maintenance factor: 0.70, ULR (Upward Light Ratio): 1.5%

Scale 1:2304

Luminaire Parts List

| No. | Pieces | Designation (Correction Factor) | Φ (Luminaire) [lm] | Φ (Lamps) [lm] | P [W] |
|--------|--------|---|--------------------|----------------|--------|
| 1 | 4 | IGUZZINI BB36 Light Up Walk Professional system 14,3W (1.000) | 623 | 1116 | 14.3 |
| 2 | 6 | IGUZZINI BU91 MAXIWOODY family 28,4W (1.000) | 2646 | 3400 | 28.4 |
| 3 | 2 | IGUZZINI BU93 MAXIWOODY family 28,4W (1.000) | 2649 | 3400 | 28.4 |
| 4 | 48 | Neri Light 020 TRA TYPE 1 100W ST XX020A21133ST (1.000) | 7430 | 10000 | 100.0 |
| 5 | 32 | Neri Light 020 TRA TYPE 1 70W ST XX020A21132ST (1.000) | 4732 | 6600 | 70.0 |
| Total: | | | 531726 | 722864 | 7324.4 |

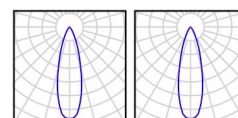
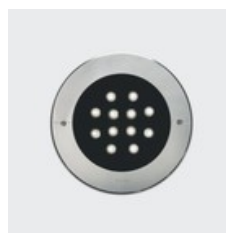
SIA "Gaismas Stils"

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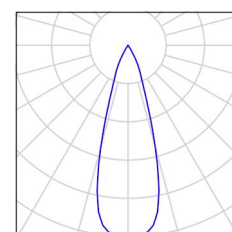
Operator Jānis Škutāns
Telephone +371 67797441
Fax +371 67797444
e-Mail janis.skutans@gaismasstils.lv

Ventspils, Promenādes apgaismojums NERI Chara - kopējais / Luminaire parts list

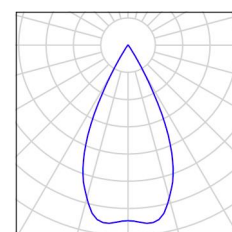
4 Pieces IGUZZINI BB36 Light Up Walk Professional system 14,3W
Article No.: BB36
Luminous flux (Luminaire): 623 lm
Luminous flux (Lamps): 1116 lm
Luminaire Wattage: 14.3 W
Luminaire classification according to CIE: 100
CIE flux code: 96 99 100 100 56
Fitting: 2 x 1 x LH77 (Correction Factor 1.000).



6 Pieces IGUZZINI BU91 MAXIWOODY family 28,4W
Article No.: BU91
Luminous flux (Luminaire): 2646 lm
Luminous flux (Lamps): 3400 lm
Luminaire Wattage: 28.4 W
Luminaire classification according to CIE: 100
CIE flux code: 100 100 100 100 78
Fitting: 1 x LW64 (Correction Factor 1.000).

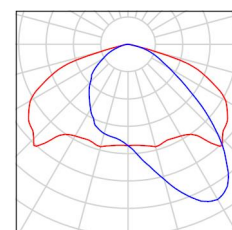


2 Pieces IGUZZINI BU93 MAXIWOODY family 28,4W
Article No.: BU93
Luminous flux (Luminaire): 2649 lm
Luminous flux (Lamps): 3400 lm
Luminaire Wattage: 28.4 W
Luminaire classification according to CIE: 100
CIE flux code: 99 100 100 100 78
Fitting: 1 x LW64 (Correction Factor 1.000).



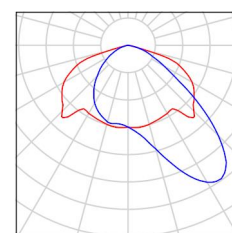
48 Pieces Neri Light 020 TRA TYPE 1 100W ST
XX020A21133ST
Article No.: Light 020 TRA TYPE 1 100W ST
Luminous flux (Luminaire): 7430 lm
Luminous flux (Lamps): 10000 lm
Luminaire Wattage: 100.0 W
Luminaire classification according to CIE: 100
CIE flux code: 37 74 97 100 74
Fitting: 1 x NAV-T 100 SUPER 4Y (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



32 Pieces Neri Light 020 TRA TYPE 1 70W ST
XX020A21132ST
Article No.: Light 020 TRA TYPE 1 70W ST
Luminous flux (Luminaire): 4732 lm
Luminous flux (Lamps): 6600 lm
Luminaire Wattage: 70.0 W
Luminaire classification according to CIE: 100
CIE flux code: 38 75 97 100 72
Fitting: 1 x NAV-T 70 SUPER 4Y (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.

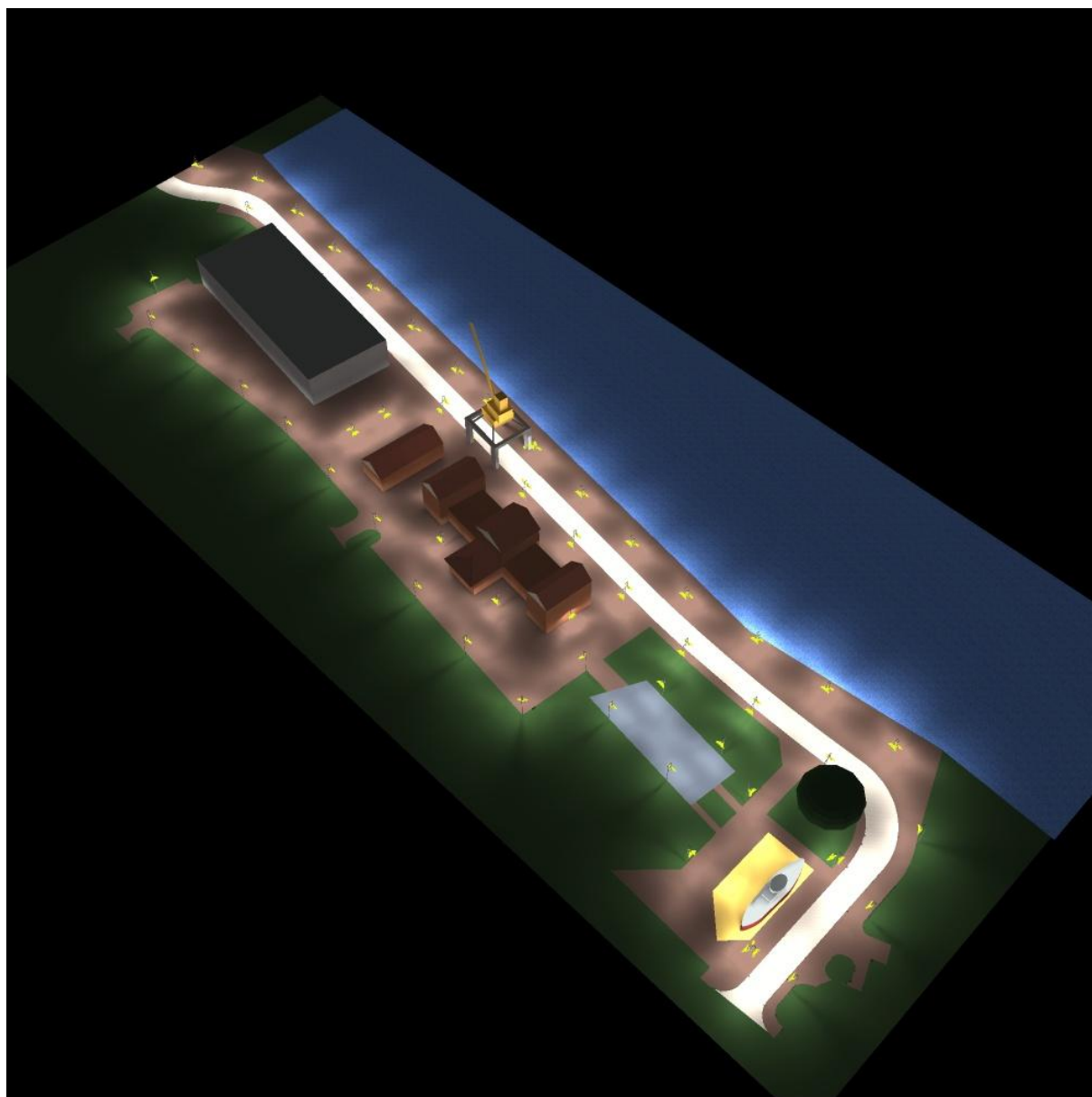


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Operator Jānis Škutāns
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e-Mail janis.skutans@gaismasstils.lv

Ventspils, Promenādes apgaismojums NERI Chara - kopējais / 3D Rendering

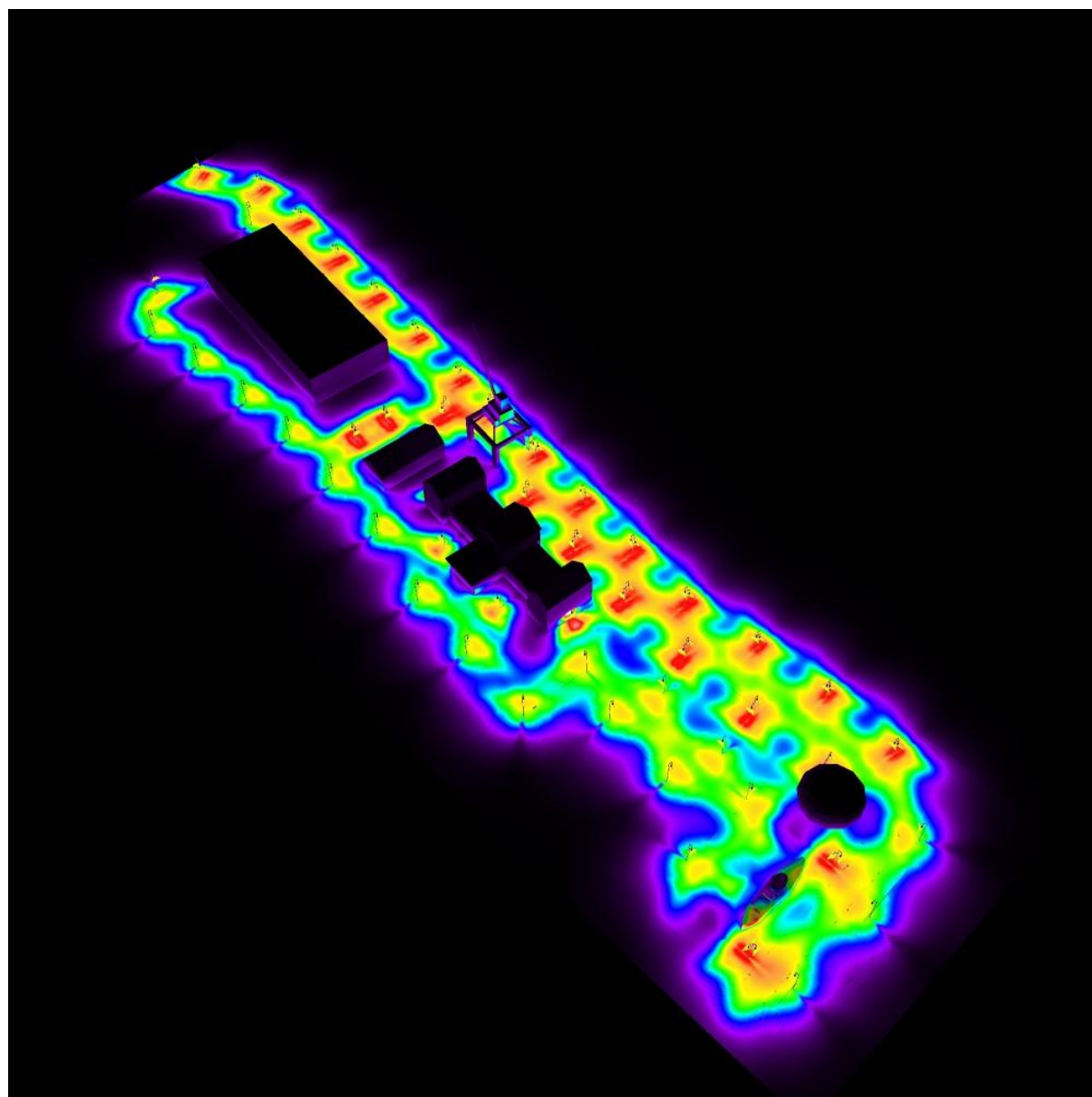


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Ventspils, Promenādes apgaismojums NERI Chara - kopējais / False Colour Rendering



0 5 10 15 20 30 50 60 100 lx

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Operator Jānis Škutāns
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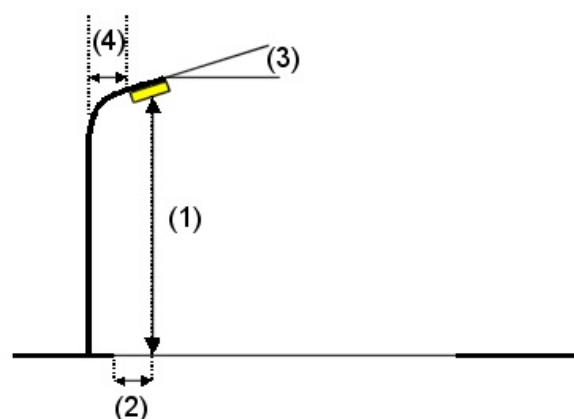
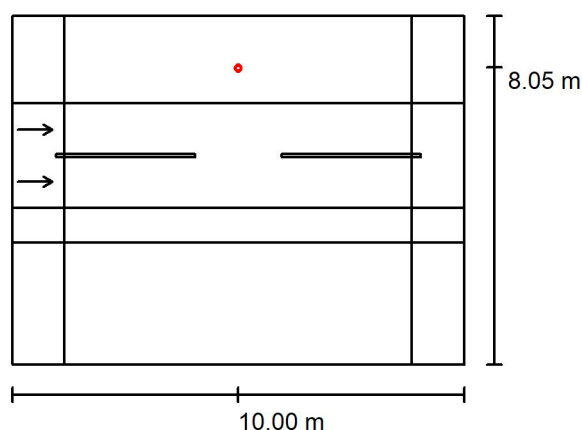
Ventspils, Promenādes apgaismojums - ielas aprēķins 1. posms / Planning data

Street Profile

| | |
|----------------|---|
| Sidewalk 1 | (Width: 5.000 m) |
| Roadway 1 | (Width: 6.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070) |
| Bicycle Lane 1 | (Width: 2.000 m) |
| Sidewalk 2 | (Width: 7.000 m) |

Maintenance factor: 0.70

Luminaire Arrangements



| | |
|----------------------------|---|
| Luminaire: | Neri Light 020 TRA TYPE 1 100W ST XX020A21133ST |
| Luminous flux (Luminaire): | 7430 lm |
| Luminous flux (Lamps): | 10000 lm |
| Luminaire Wattage: | 100.0 W |
| Arrangement: | Single row, top |
| Pole Distance: | 20.000 m |
| Mounting Height (1): | 6.876 m |
| Height: | 6.298 m |
| Overhang (2): | -2.000 m |
| Boom Angle (3): | 5.0 ° |
| Boom Length (4): | 0.000 m |

Maximum luminous intensities

| | |
|---------|-------------|
| at 70°: | 363 cd/klm |
| at 80°: | 65 cd/klm |
| at 90°: | 0.93 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 G4.

Arrangement complies with glare index class D.6.

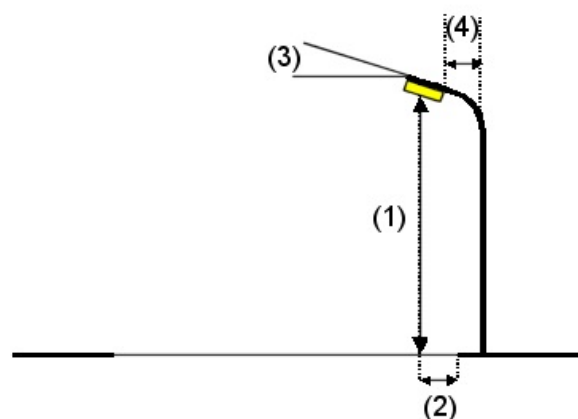
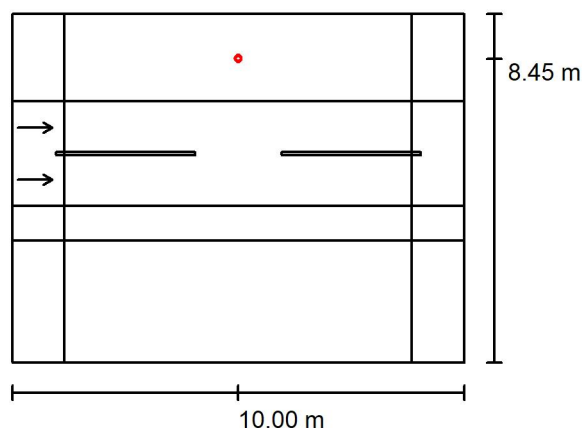
SIA "Gaismas Stils"

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Telephone +371 67797441
Fax +371 67797444
e-Mail janis.skutans@gaismasstils.lv

Ventspils, Promenādes apgaismojums - ielas aprēķins 1. posms / Planning data

Luminaire Arrangements



| | |
|----------------------------|--|
| Luminaire: | Neri Light 020 TRA TYPE 1 70W ST XX020A21132ST |
| Luminous flux (Luminaire): | 4732 lm |
| Luminous flux (Lamps): | 6600 lm |
| Luminaire Wattage: | 70.0 W |
| Arrangement: | Single row, bottom |
| Pole Distance: | 20.000 m |
| Mounting Height (1): | 4.876 m |
| Height: | 4.298 m |
| Overhang (2): | 8.500 m |
| Boom Angle (3): | 5.0 ° |
| Boom Length (4): | 0.000 m |

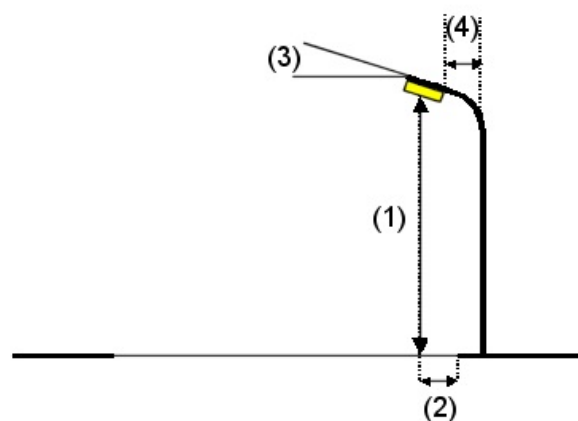
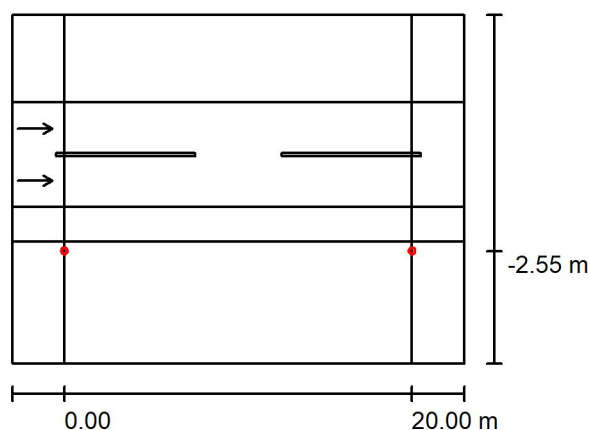
Maximum luminous intensities
at 70°: 398 cd/klm
at 80°: 92 cd/klm
at 90°: 0.81 cd/klm

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 G4.

Arrangement complies with glare index class D.5.



| | |
|----------------------------|---|
| Luminaire: | Neri Light 020 TRA TYPE 1 100W ST XX020A21133ST |
| Luminous flux (Luminaire): | 7430 lm |
| Luminous flux (Lamps): | 10000 lm |
| Luminaire Wattage: | 100.0 W |
| Arrangement: | Single row, bottom |
| Pole Distance: | 20.000 m |
| Mounting Height (1): | 6.876 m |
| Height: | 6.298 m |
| Overhang (2): | -2.500 m |
| Boom Angle (3): | 5.0 ° |
| Boom Length (4): | 0.000 m |

Maximum luminous intensities
at 70°: 363 cd/klm
at 80°: 65 cd/klm
at 90°: 0.93 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 G4.

Arrangement complies with glare index class D.6.

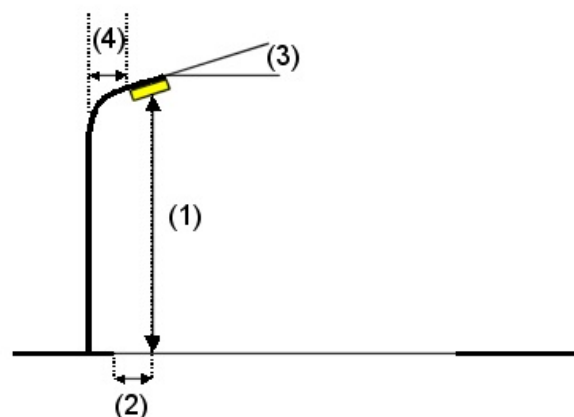
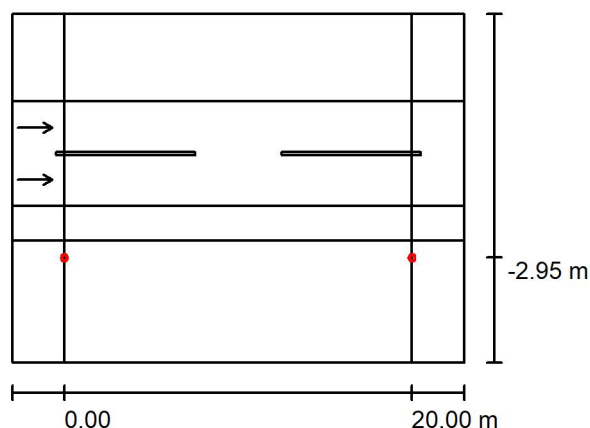
SIA "Gaismas Stils"

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 Fax +371 67797444
 e-Mail janis.skutans@gaismasstils.lv

Ventspils, Promenādes apgaismojums - ielas aprēķins 1. posms / Planning data

Luminaire Arrangements



| | |
|----------------------------|--|
| Luminaire: | Neri Light 020 TRA TYPE 1 70W ST XX020A21132ST |
| Luminous flux (Luminaire): | 4732 lm |
| Luminous flux (Lamps): | 6600 lm |
| Luminaire Wattage: | 70.0 W |
| Arrangement: | Single row, top |
| Pole Distance: | 20.000 m |
| Mounting Height (1): | 4.876 m |
| Height: | 4.298 m |
| Overhang (2): | 9.000 m |
| Boom Angle (3): | 5.0 ° |
| Boom Length (4): | 0.000 m |

Maximum luminous intensities

at 70°: 398 cd/klm

at 80°: 92 cd/klm

at 90°: 0.81 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 G4.

Arrangement complies with glare index class D.5.

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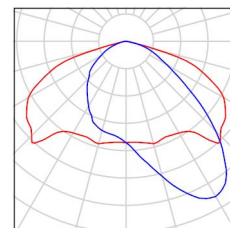
Maskavas iela 12, Rīga, LV-1050, Latvija

Operator Jānis Škutāns
Telephone +371 67797441
Fax +371 67797444
e-Mail janis.skutans@gaismasstils.lv

Ventspils, Promenādes apgaismojums - lēlas aprēķins 1. posms / Luminaire parts list

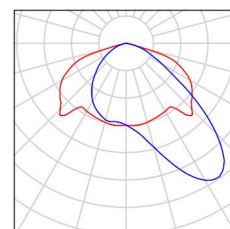
Neri Light 020 TRA TYPE 1 100W ST
XX020A21133ST
Article No.: Light 020 TRA TYPE 1 100W ST
Luminous flux (Luminaire): 7430 lm
Luminous flux (Lamps): 10000 lm
Luminaire Wattage: 100.0 W
Luminaire classification according to CIE: 100
CIE flux code: 37 74 97 100 74
Fitting: 1 x NAV-T 100 SUPER 4Y (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



Neri Light 020 TRA TYPE 1 70W ST
XX020A21132ST
Article No.: Light 020 TRA TYPE 1 70W ST
Luminous flux (Luminaire): 4732 lm
Luminous flux (Lamps): 6600 lm
Luminaire Wattage: 70.0 W
Luminaire classification according to CIE: 100
CIE flux code: 38 75 97 100 72
Fitting: 1 x NAV-T 70 SUPER 4Y (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.

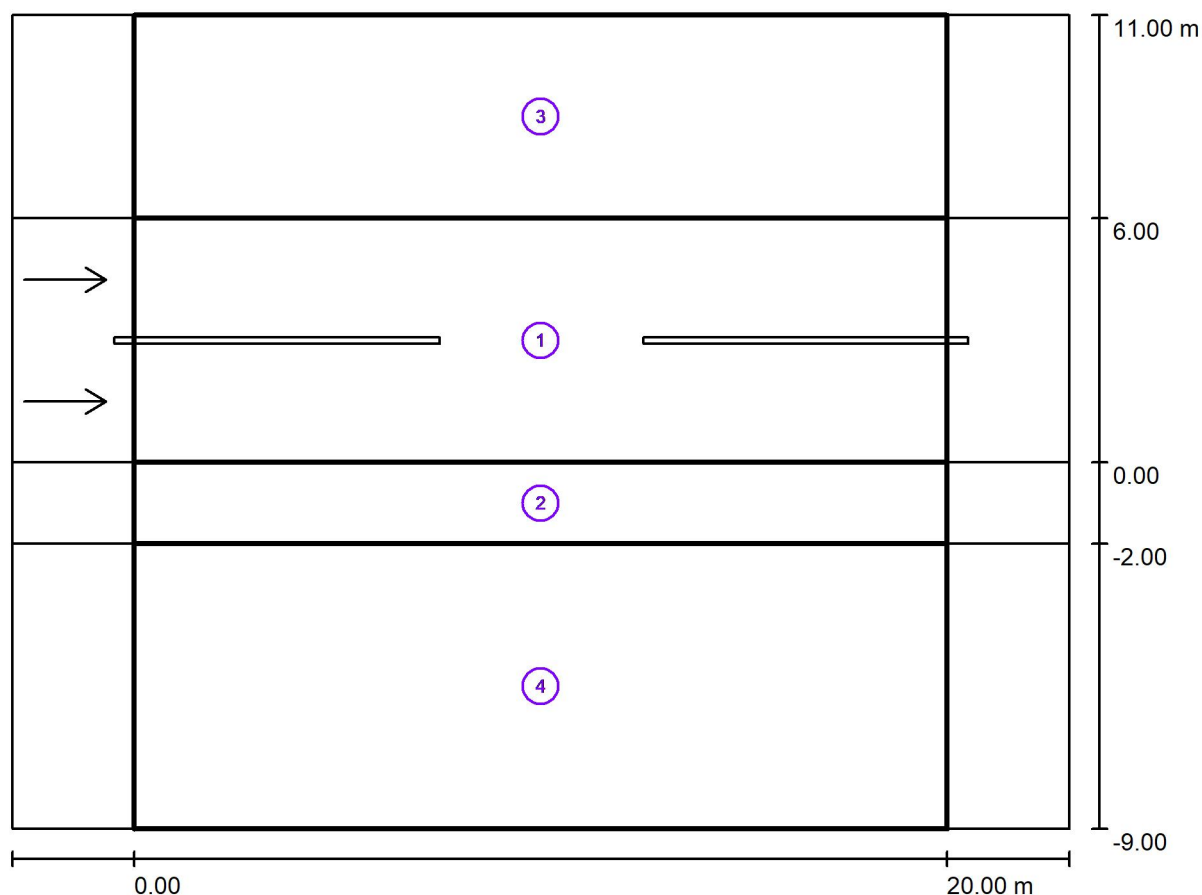


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Ventspils, Promenādes apgaismojums - ielas aprēķins 1. posms / Photometric Results



Maintenance factor: 0.70

Scale 1:186

Calculation Field List

- Valuation Field Roadway 1
 Length: 20.000 m, Width: 6.000 m
 Grid: 10 x 6 Points
 Accompanying Street Elements: Roadway 1.
 tarmac: R3, q0: 0.070
 Selected Lighting Class: ME5

(All lighting performance requirements are met.)

| | L_{av} [cd/m ²] | U0 | UI | TI [%] | SR |
|-------------------------------------|-------------------------------|--------|--------|--------|--------|
| Calculated values: | 1.95 | 0.82 | 0.78 | 4 | 0.87 |
| Required values according to class: | ≥ 0.50 | ≥ 0.35 | ≥ 0.40 | ≤ 15 | ≥ 0.50 |
| Fulfilled/Not fulfilled: | ✓ | ✓ | ✓ | ✓ | ✓ |

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Ventspils, Promenādes apgaismojums - ielas aprēķins 1. posms / Photometric Results

Calculation Field List

- 2 Valuation Field Bicycle Lane 1
 Length: 20.000 m, Width: 2.000 m
 Grid: 10 x 3 Points
 Accompanying Street Elements: Bicycle Lane 1.
 Selected Lighting Class: S1 (Not all lighting performance requirements are met.)

| | E_{av} [lx] | E_{min} [lx] |
|-------------------------------------|--------------------------------------|--------------------------------------|
| Calculated values: | 36.61 | 18.50 |
| Required values according to class: | ≥ 15.00 | ≥ 5.00 |
| Fulfilled/Not fulfilled: | ✗ 1 | ✓ |

¹ Notice: To provide for uniformity, the actual value of the maintained average illuminance may not exceed 1.5 times the minimum value indicated for the class.

- 3 Valuation Field Sidewalk 1
 Length: 20.000 m, Width: 5.000 m
 Grid: 10 x 4 Points
 Accompanying Street Elements: Sidewalk 1.
 Selected Lighting Class: CE5 (All lighting performance requirements are met.)

| | E_{av} [lx] | U0 |
|-------------------------------------|--------------------------------------|--------------------------------------|
| Calculated values: | 34.04 | 0.40 |
| Required values according to class: | ≥ 7.50 | ≥ 0.40 |
| Fulfilled/Not fulfilled: | ✓ | ✓ |

- 4 Valuation Field Sidewalk 2
 Length: 20.000 m, Width: 7.000 m
 Grid: 10 x 5 Points
 Accompanying Street Elements: Sidewalk 2.
 Selected Lighting Class: CE5 (All lighting performance requirements are met.)

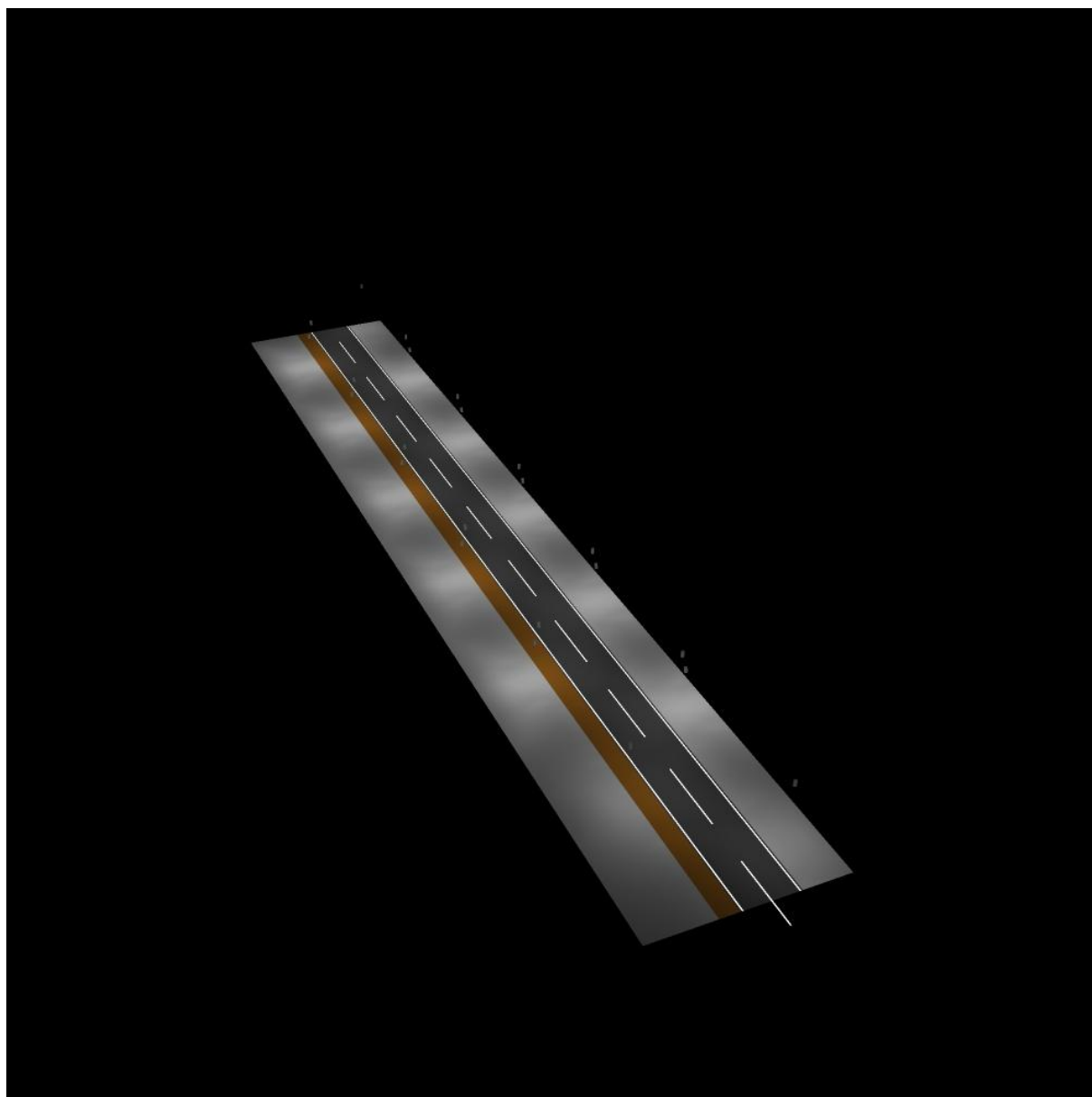
| | E_{av} [lx] | U0 |
|-------------------------------------|--------------------------------------|--------------------------------------|
| Calculated values: | 28.00 | 0.49 |
| Required values according to class: | ≥ 7.50 | ≥ 0.40 |
| Fulfilled/Not fulfilled: | ✓ | ✓ |

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Operator Jānis Škutāns
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e-Mail janis.skutans@gaismasstils.lv

Ventspils, Promenādes apgaismojums - ielas aprēķins 1. posms / 3D Rendering

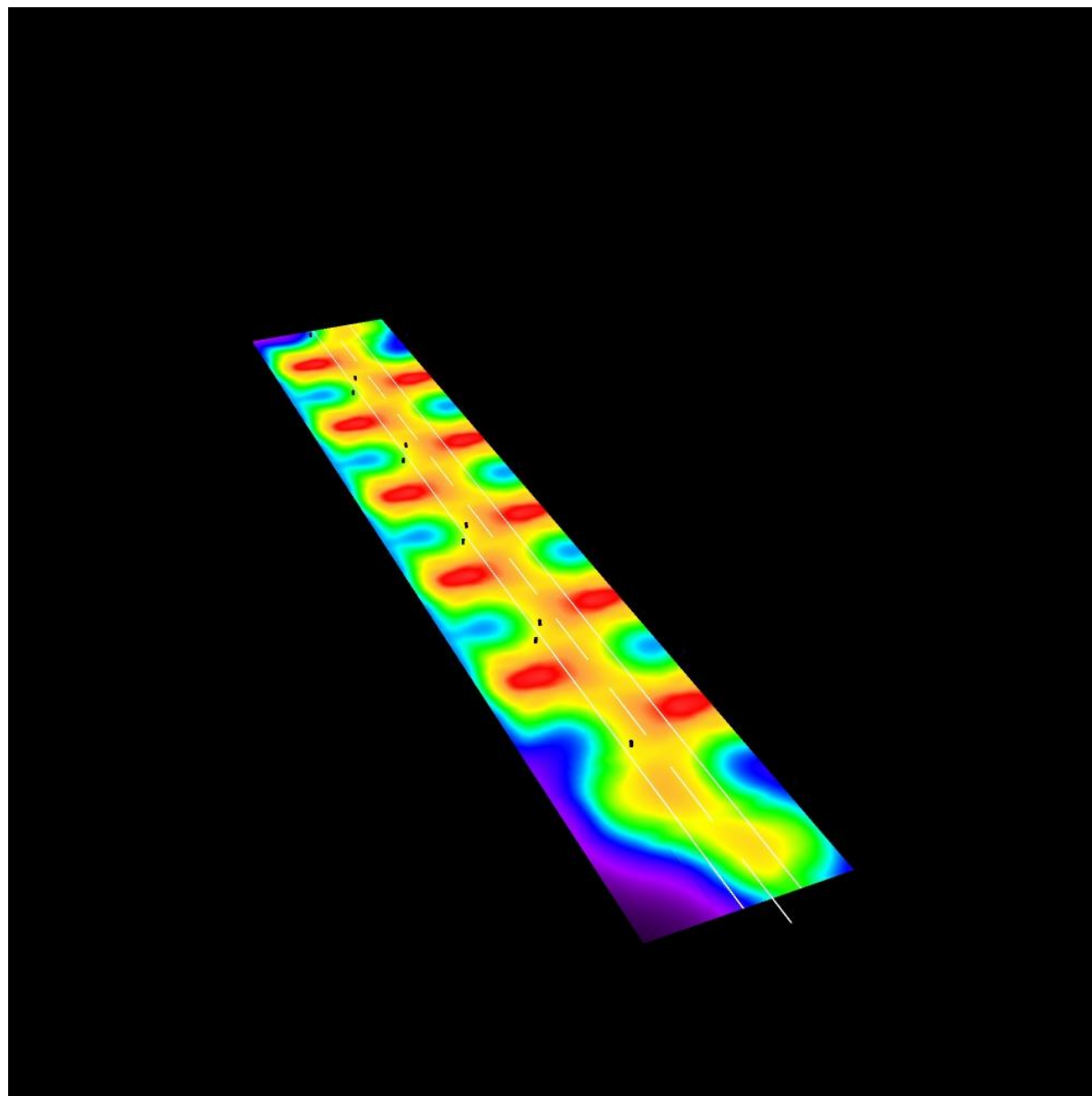


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Telephone +371 67797441
Fax +371 67797444
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Ventspils, Promenādes apgaismojums - Ielas aprēķins 1. posms / False Colour Rendering



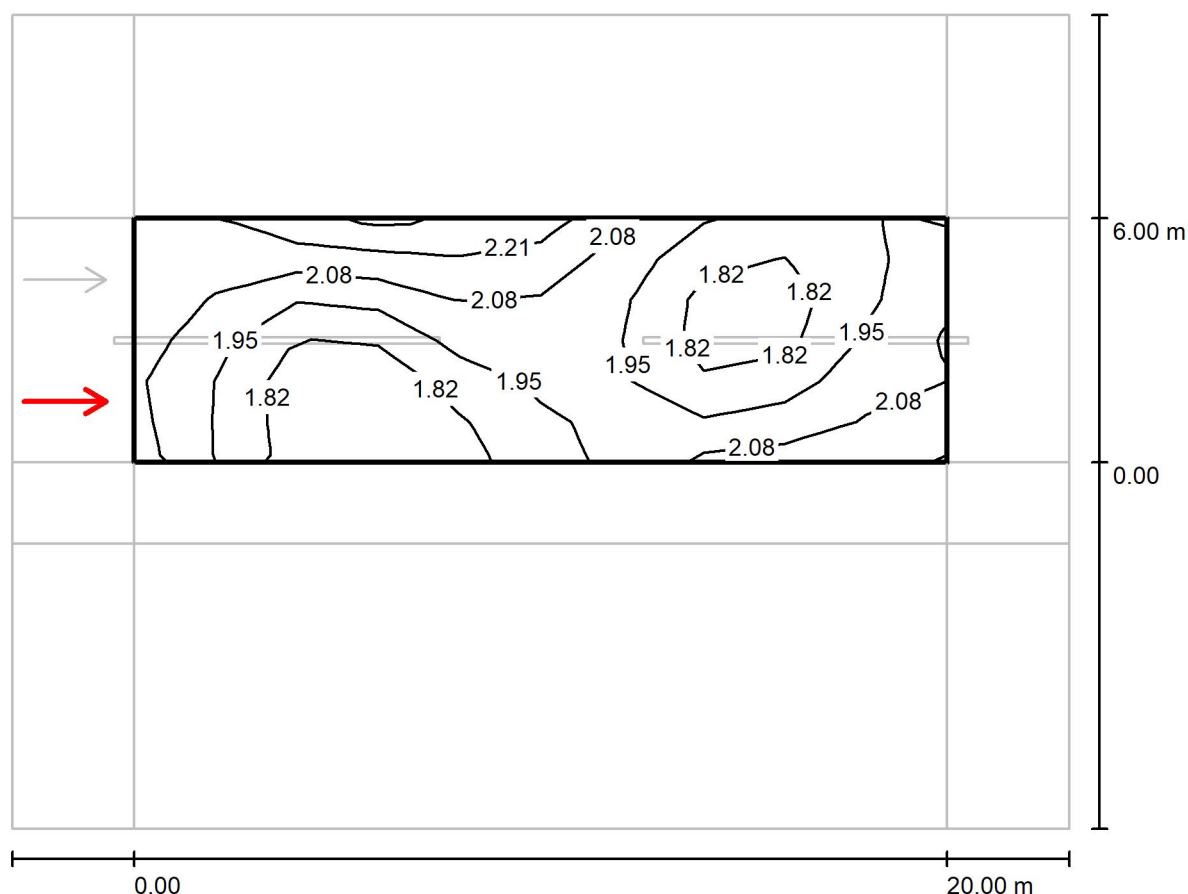
0 5 10 15 20 30 50 60 100 lx

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Ventspils, Promenādes apgaismojums - ielas aprēķins 1. posms / Valuation Field Roadway 1 / Observer 1 / Isolines (L)


Values in Candela/m², Scale 1 : 186

Grid: 10 x 6 Points

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

tarmac: R3, q0: 0.070

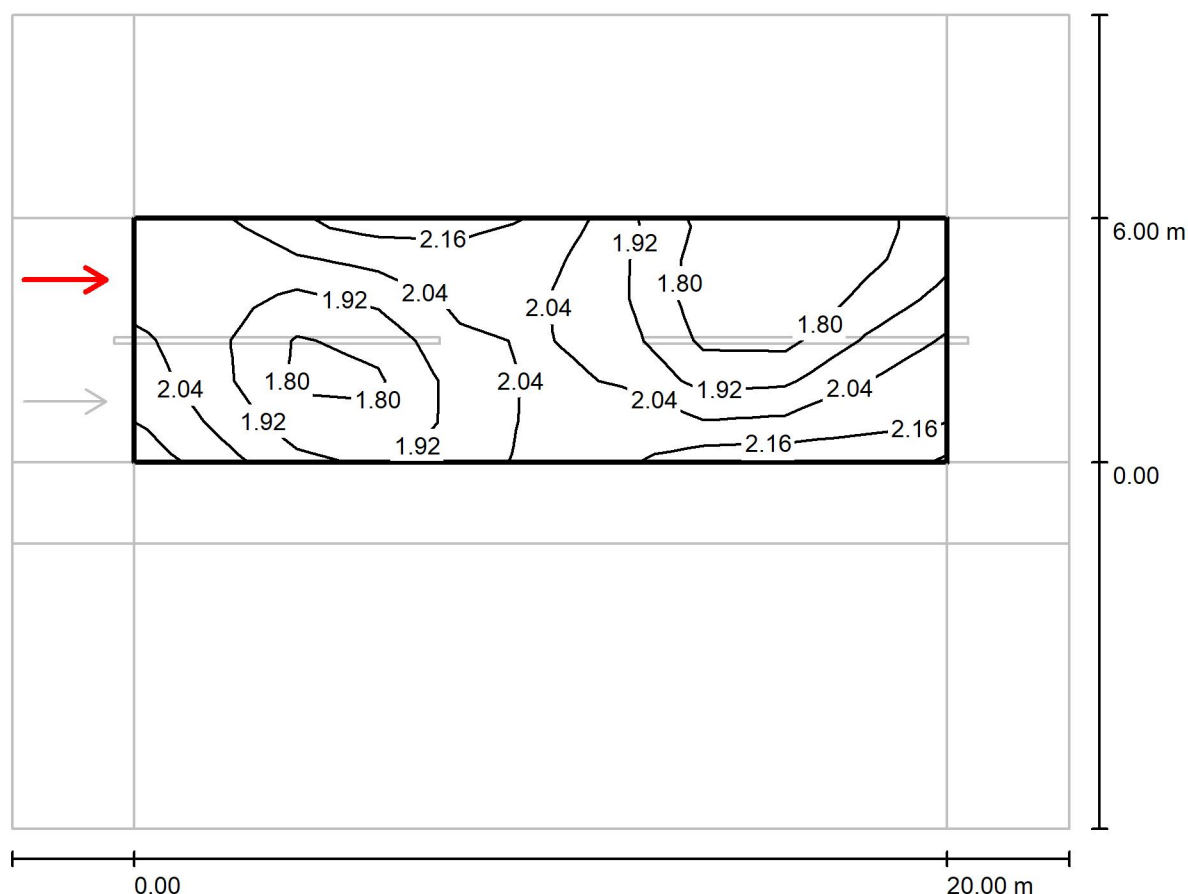
| | L_{av} [cd/m ²] | U0 | UI | TI [%] |
|---|-------------------------------|--------|--------|--------|
| Calculated values: | 1.96 | 0.82 | 0.78 | 4 |
| Required values according to class ME5: | ≥ 0.50 | ≥ 0.35 | ≥ 0.40 | ≤ 15 |
| Fulfilled/Not fulfilled: | ✓ | ✓ | ✓ | ✓ |

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Ventspils, Promenādes apgaismojums - ielas aprēķins 1. posms / Valuation Field Roadway 1 / Observer 2 / Isolines (L)


Values in Candela/m², Scale 1 : 186

Grid: 10 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: | 1.95 | 0.82 | 0.78 | 4 |
| Required values according to class ME5: | ≥ 0.50 | ≥ 0.35 | ≥ 0.40 | ≤ 15 |
| Fulfilled/Not fulfilled: | ✓ | ✓ | ✓ | ✓ |

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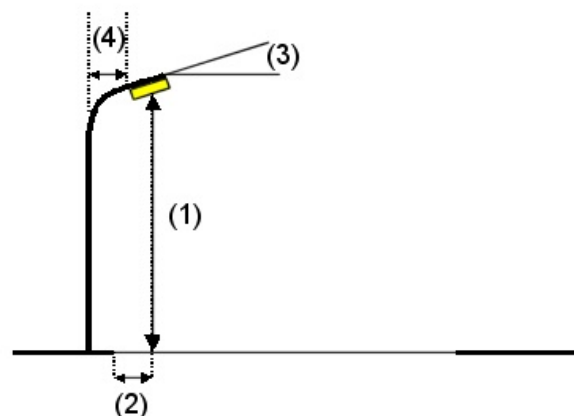
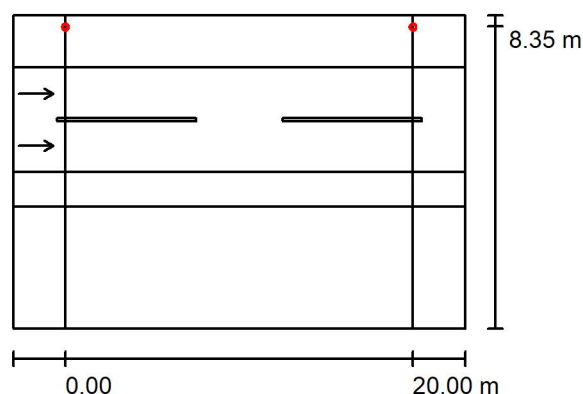
Ventspils, Promenādes apgaismojums - ielas aprēķins 2. posms / Planning data

Street Profile

| | |
|----------------|---|
| Sidewalk 1 | (Width: 3.000 m) |
| Roadway 1 | (Width: 6.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070) |
| Bicycle Lane 1 | (Width: 2.000 m) |
| Sidewalk 2 | (Width: 7.000 m) |

Maintenance factor: 0.90

Luminaire Arrangements



| | |
|----------------------------|---|
| Luminaire: | Neri Light 020 TRA TYPE 1 100W ST XX020A21133ST |
| Luminous flux (Luminaire): | 7430 lm |
| Luminous flux (Lamps): | 10000 lm |
| Luminaire Wattage: | 100.0 W |
| Arrangement: | Single row, top |
| Pole Distance: | 20.000 m |
| Mounting Height (1): | 6.876 m |
| Height: | 6.298 m |
| Overhang (2): | -2.300 m |
| Boom Angle (3): | 5.0 ° |
| Boom Length (4): | 0.000 m |

Maximum luminous intensities

| | |
|---------|-------------|
| at 70°: | 363 cd/klm |
| at 80°: | 65 cd/klm |
| at 90°: | 0.93 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 G4.

Arrangement complies with glare index class D.6.

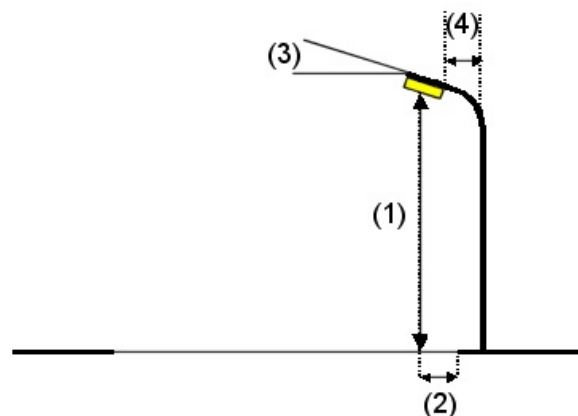
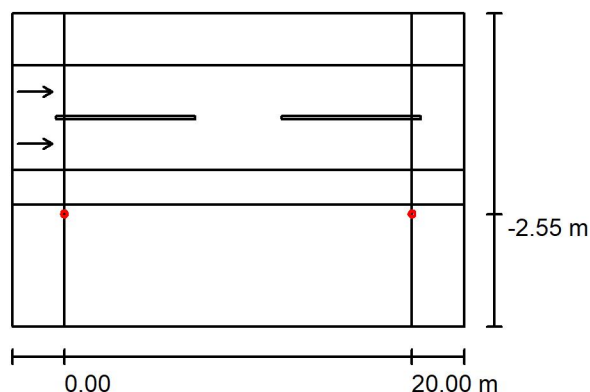
SIA "Gaismas Stils"

Maskavas iela 12, Rīga, LV-1050, Latvija

Operator Jānis Škutāns
Telephone +371 67797441
Fax +371 67797444
e-Mail janis.skutans@gaismasstils.lv

Ventspils, Promenādes apgaismojums - ielas aprēķins 2. posms / Planning data

Luminaire Arrangements



| | |
|----------------------------|---|
| Luminaire: | Neri Light 020 TRA TYPE 1 100W ST XX020A21133ST |
| Luminous flux (Luminaire): | 7430 lm |
| Luminous flux (Lamps): | 10000 lm |
| Luminaire Wattage: | 100.0 W |
| Arrangement: | Single row, bottom |
| Pole Distance: | 20.000 m |
| Mounting Height (1): | 6.876 m |
| Height: | 6.298 m |
| Overhang (2): | -2.500 m |
| Boom Angle (3): | 5.0 ° |
| Boom Length (4): | 0.000 m |

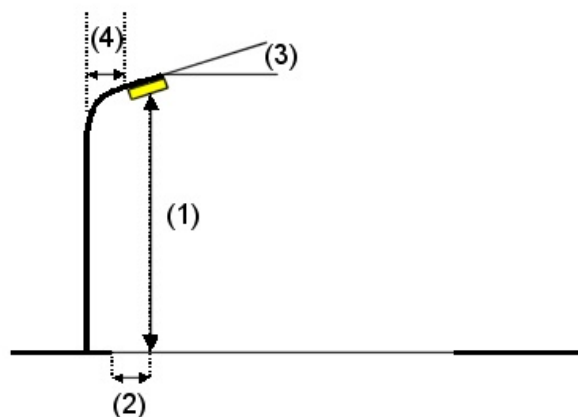
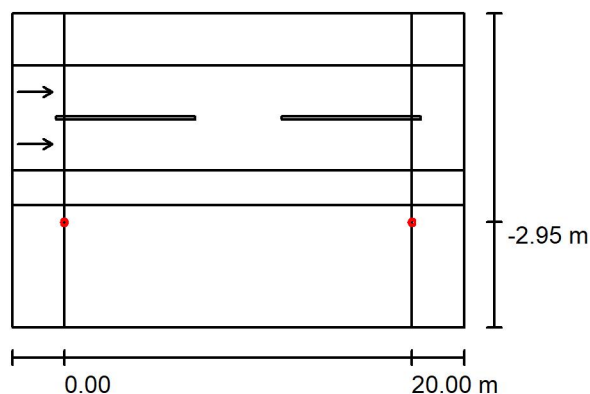
| | |
|------------------------------|-------------|
| Maximum luminous intensities | |
| at 70°: | 363 cd/klm |
| at 80°: | 65 cd/klm |
| at 90°: | 0.93 cd/klm |

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 G4.

Arrangement complies with glare index class D.6.



| | |
|----------------------------|--|
| Luminaire: | Neri Light 020 TRA TYPE 1 70W ST XX020A21132ST |
| Luminous flux (Luminaire): | 4732 lm |
| Luminous flux (Lamps): | 6600 lm |
| Luminaire Wattage: | 70.0 W |
| Arrangement: | Single row, top |
| Pole Distance: | 20.000 m |
| Mounting Height (1): | 4.876 m |
| Height: | 4.298 m |
| Overhang (2): | 9.000 m |
| Boom Angle (3): | 5.0 ° |
| Boom Length (4): | 0.000 m |

| | |
|------------------------------|-------------|
| Maximum luminous intensities | |
| at 70°: | 398 cd/klm |
| at 80°: | 92 cd/klm |
| at 90°: | 0.81 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 G4.

Arrangement complies with glare index class D.5.

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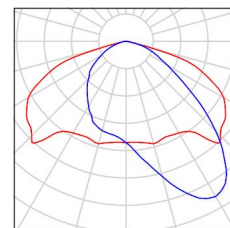
Maskavas iela 12, Rīga, LV-1050, Latvija

Operator Jānis Škutāns
Telephone +371 67797441
Fax +371 67797444
e-Mail janis.skutans@gaismasstils.lv

Ventspils, Promenādes apgaismojums - ielas aprēķins 2. posms / Luminaire parts list

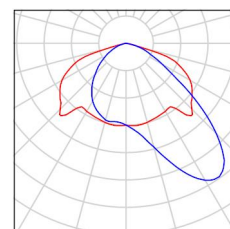
Neri Light 020 TRA TYPE 1 100W ST
XX020A21133ST
Article No.: Light 020 TRA TYPE 1 100W ST
Luminous flux (Luminaire): 7430 lm
Luminous flux (Lamps): 10000 lm
Luminaire Wattage: 100.0 W
Luminaire classification according to CIE: 100
CIE flux code: 37 74 97 100 74
Fitting: 1 x NAV-T 100 SUPER 4Y (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



Neri Light 020 TRA TYPE 1 70W ST
XX020A21132ST
Article No.: Light 020 TRA TYPE 1 70W ST
Luminous flux (Luminaire): 4732 lm
Luminous flux (Lamps): 6600 lm
Luminaire Wattage: 70.0 W
Luminaire classification according to CIE: 100
CIE flux code: 38 75 97 100 72
Fitting: 1 x NAV-T 70 SUPER 4Y (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.

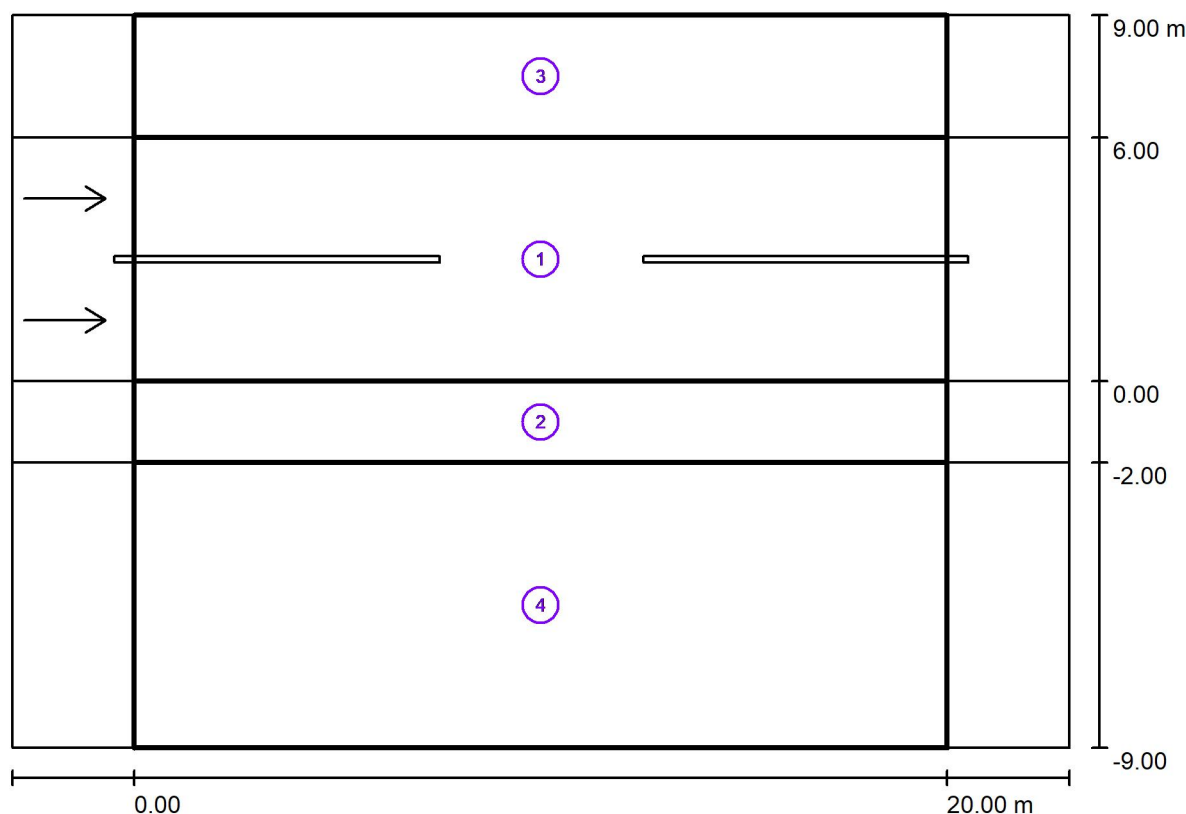


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Maskavas iela 12, Rīga, LV-1050, Latvija

Operator Jānis Škutāns
 Telephone +371 67797441
 Fax +371 67797444
 e-Mail janis.skutans@gaismasstils.lv

Ventspils, Promenādes apgaismojums - ielas aprēķins 2. posms / Photometric Results



Maintenance factor: 0.90

Scale 1:186

Calculation Field List

- Valuation Field Roadway 1
 Length: 20.000 m, Width: 6.000 m
 Grid: 10 x 6 Points
 Accompanying Street Elements: Roadway 1.
 tarmac: R3, q0: 0.070
 Selected Lighting Class: ME5

(All lighting performance requirements are met.)

| | L_{av} [cd/m ²] | U0 | UI | TI [%] | SR |
|-------------------------------------|-------------------------------|--------|--------|--------|--------|
| Calculated values: | 2.30 | 0.80 | 0.73 | 7 | 0.79 |
| Required values according to class: | ≥ 0.50 | ≥ 0.35 | ≥ 0.40 | ≤ 15 | ≥ 0.50 |
| Fulfilled/Not fulfilled: | ✓ | ✓ | ✓ | ✓ | ✓ |

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Telephone +371 67797441
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Ventspils, Promenādes apgaismojums - ielas aprēķins 2. posms / Photometric Results

Calculation Field List

- 2 Valuation Field Bicycle Lane 1
Length: 20.000 m, Width: 2.000 m
Grid: 10 x 3 Points
Accompanying Street Elements: Bicycle Lane 1.
Selected Lighting Class: S1 (Not all lighting performance requirements are met.)

| | E_{av} [lx] | E_{min} [lx] |
|-------------------------------------|--------------------------------------|--------------------------------------|
| Calculated values: | 45.83 | 25.25 |
| Required values according to class: | ≥ 15.00 | ≥ 5.00 |
| Fulfilled/Not fulfilled: | ✗ 1 | ✓ |

¹ Notice: To provide for uniformity, the actual value of the maintained average illuminance may not exceed 1.5 times the minimum value indicated for the class.

- 3 Valuation Field Sidewalk 1
Length: 20.000 m, Width: 3.000 m
Grid: 10 x 3 Points
Accompanying Street Elements: Sidewalk 1.
Selected Lighting Class: CE5 (All lighting performance requirements are met.)

| | E_{av} [lx] | U0 |
|-------------------------------------|--------------------------------------|--------------------------------------|
| Calculated values: | 30.21 | 0.56 |
| Required values according to class: | ≥ 7.50 | ≥ 0.40 |
| Fulfilled/Not fulfilled: | ✓ | ✓ |

- 4 Valuation Field Sidewalk 2
Length: 20.000 m, Width: 7.000 m
Grid: 10 x 5 Points
Accompanying Street Elements: Sidewalk 2.
Selected Lighting Class: CE5 (All lighting performance requirements are met.)

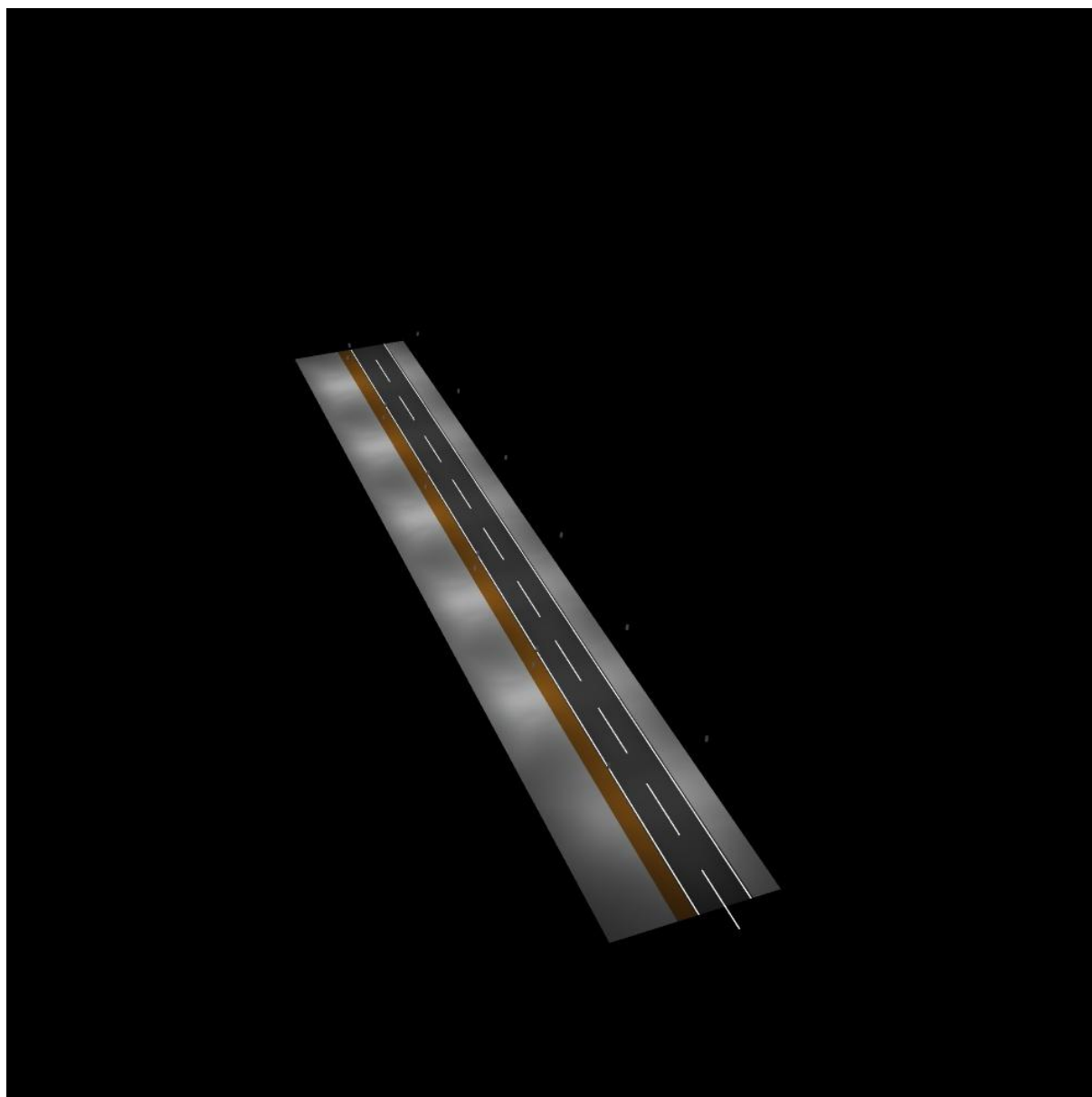
| | E_{av} [lx] | U0 |
|-------------------------------------|--------------------------------------|--------------------------------------|
| Calculated values: | 35.69 | 0.50 |
| Required values according to class: | ≥ 7.50 | ≥ 0.40 |
| Fulfilled/Not fulfilled: | ✓ | ✓ |

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Operator Jānis Škutāns
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Ventspils, Promenādes apgaismojums - ielas aprēķins 2. posms / 3D Rendering



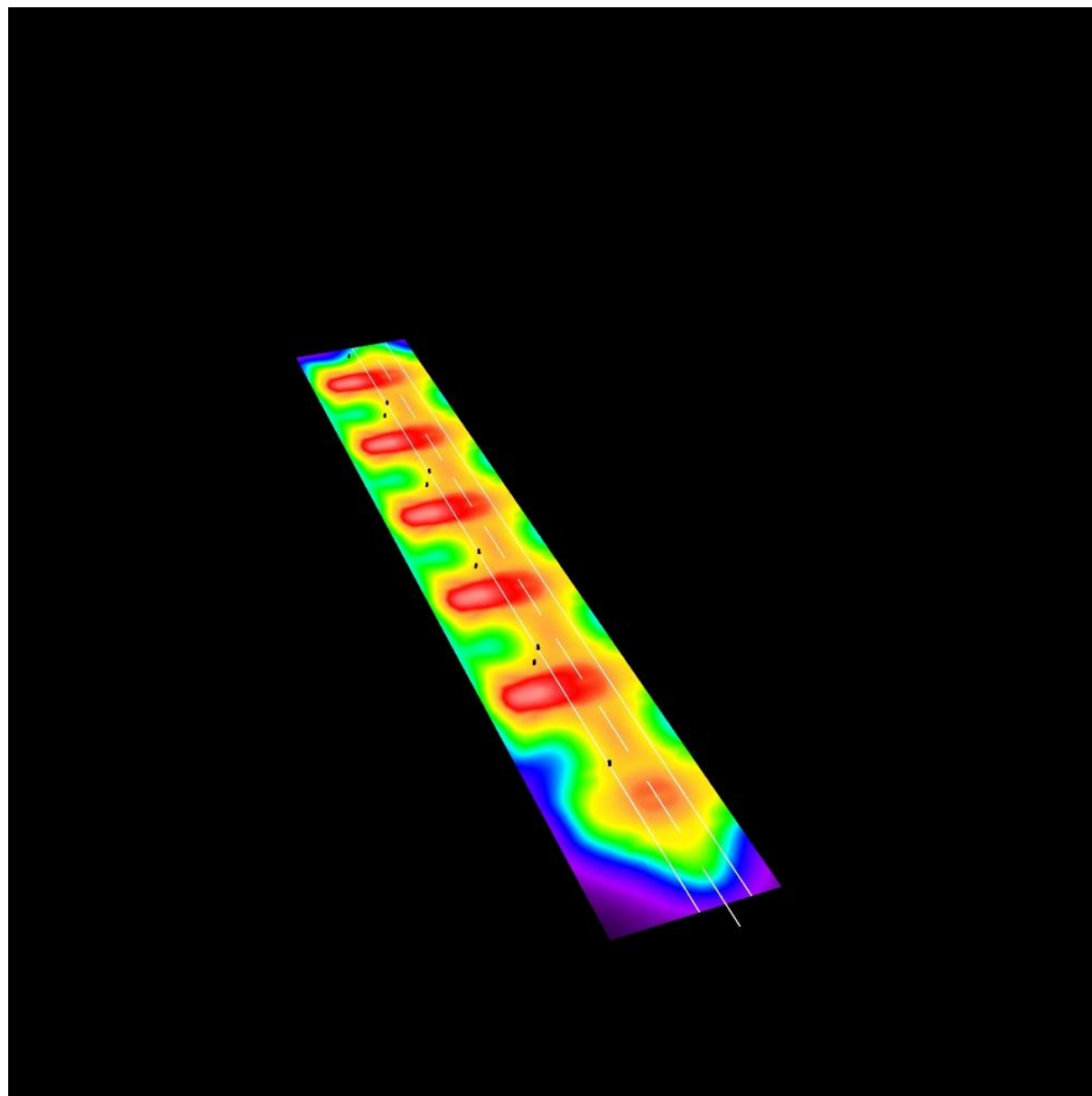


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Maskavas iela 12, Rīga, LV-1050, Latvija

Operator Jānis Škutāns
Telephone +371 67797441
Fax +371 67797444
e-Mail janis.skutans@gaismasstils.lv

Ventspils, Promenādes apgaismojums - Ielas aprēķins 2. posms / False Colour Rendering



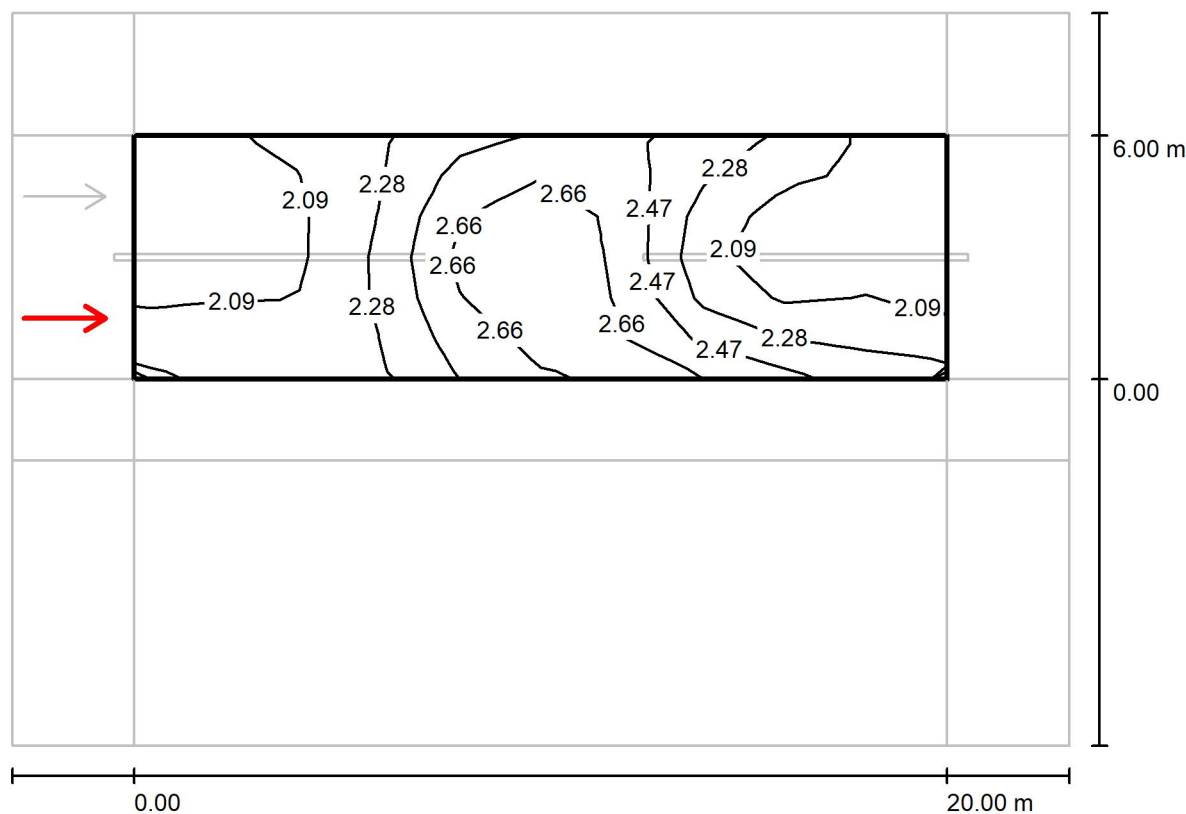
0 5 10 15 20 30 50 60 100 lx

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Maskavas iela 12, Rīga, LV-1050, Latvija

Operator Jānis Škutāns
 Telephone +371 67797441
 Fax +371 67797444
 e-Mail janis.skutans@gaismasstils.lv

Ventspils, Promenādes apgaismojums - ielas aprēķins 2. posms / Valuation Field Roadway 1 / Observer 1 / Isolines (L)


Values in Candela/m², Scale 1 : 186

Grid: 10 x 6 Points

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

tarmac: R3, q0: 0.070

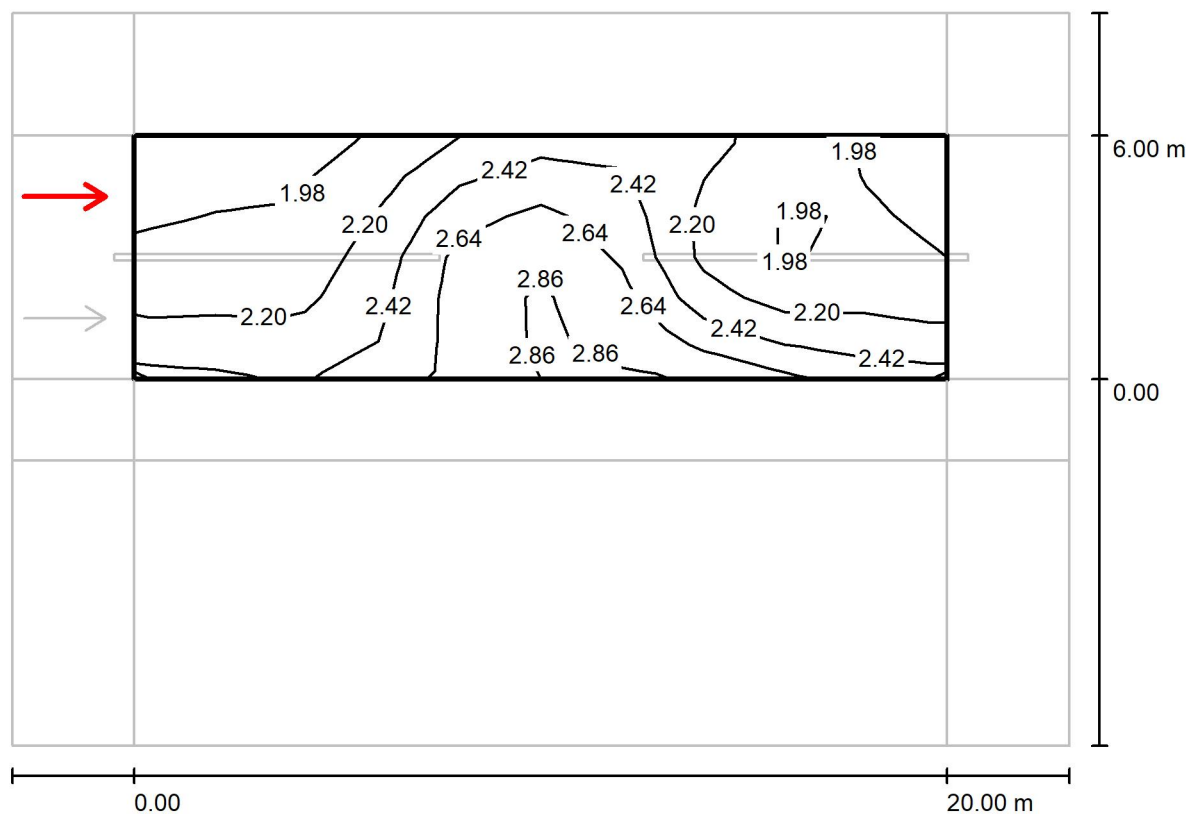
| | L_{av} [cd/m ²] | U0 | UI | TI [%] |
|---|-------------------------------|--------|--------|--------|
| Calculated values: | 2.30 | 0.82 | 0.74 | 7 |
| Required values according to class ME5: | ≥ 0.50 | ≥ 0.35 | ≥ 0.40 | ≤ 15 |
| Fulfilled/Not fulfilled: | ✓ | ✓ | ✓ | ✓ |

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Operator Jānis Škutāns
 Telephone +371 67797441
 Fax +371 67797444
 e-Mail janis.skutans@gaismasstils.lv

Ventspils, Promenādes apgaismojums - ielas aprēķins 2. posms / Valuation Field Roadway 1 / Observer 2 / Isolines (L)


Values in Candela/m², Scale 1 : 186

Grid: 10 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: | 2.30 | 0.80 | 0.73 | 7 |
| Required values according to class ME5: | ≥ 0.50 | ≥ 0.35 | ≥ 0.40 | ≤ 15 |
| Fulfilled/Not fulfilled: | ✓ | ✓ | ✓ | ✓ |

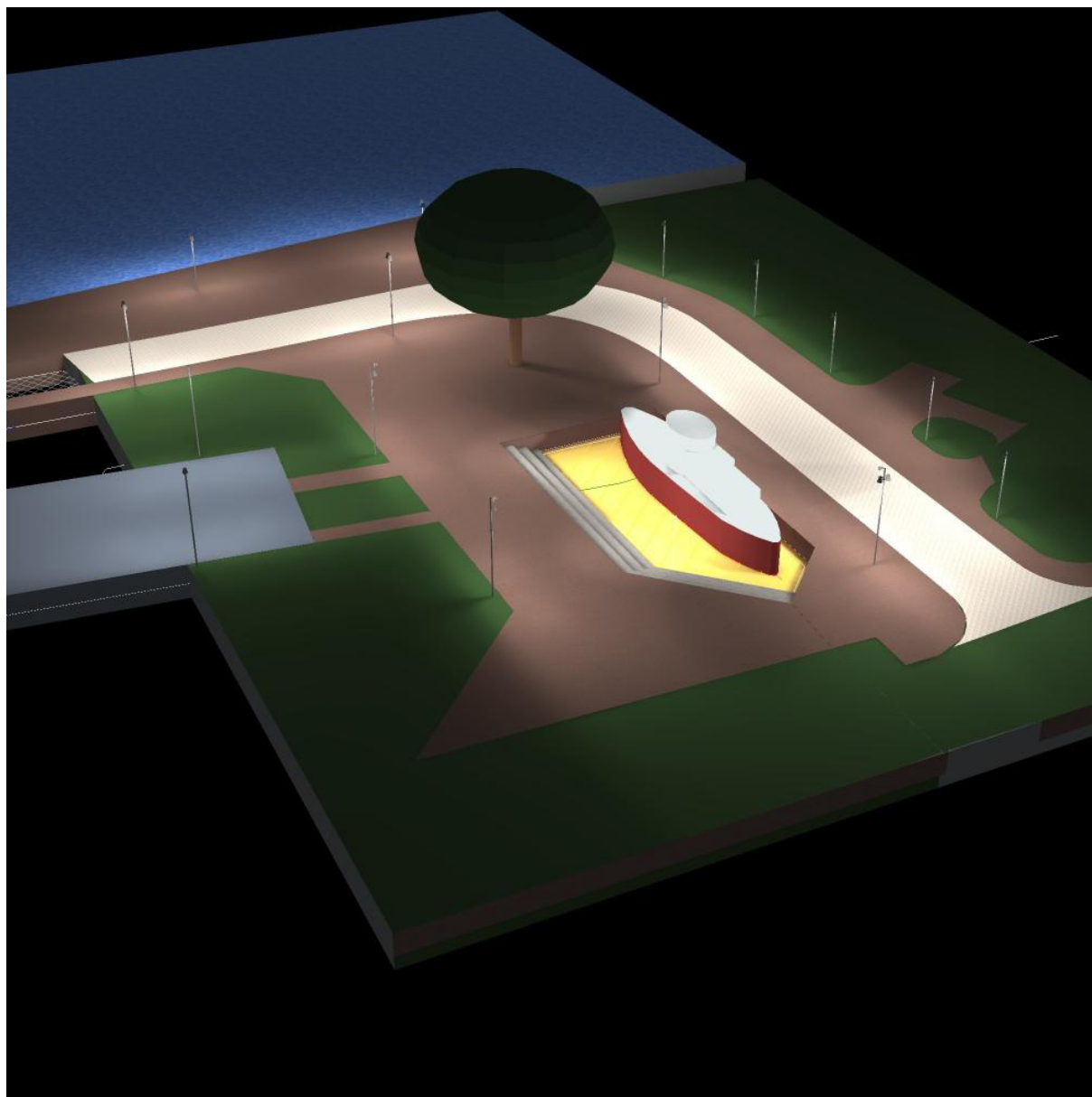


SIA "Gaismas Stils"

Maskavas iela 12, Rīga, LV-1050, Latvija

Operator Jānis Škutāns
Telephone +371 67797441
Fax +371 67797444
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Ventspils, Promenādes apgaismojums -kuģīša "Rota" izgaismošana / 3D Rendering



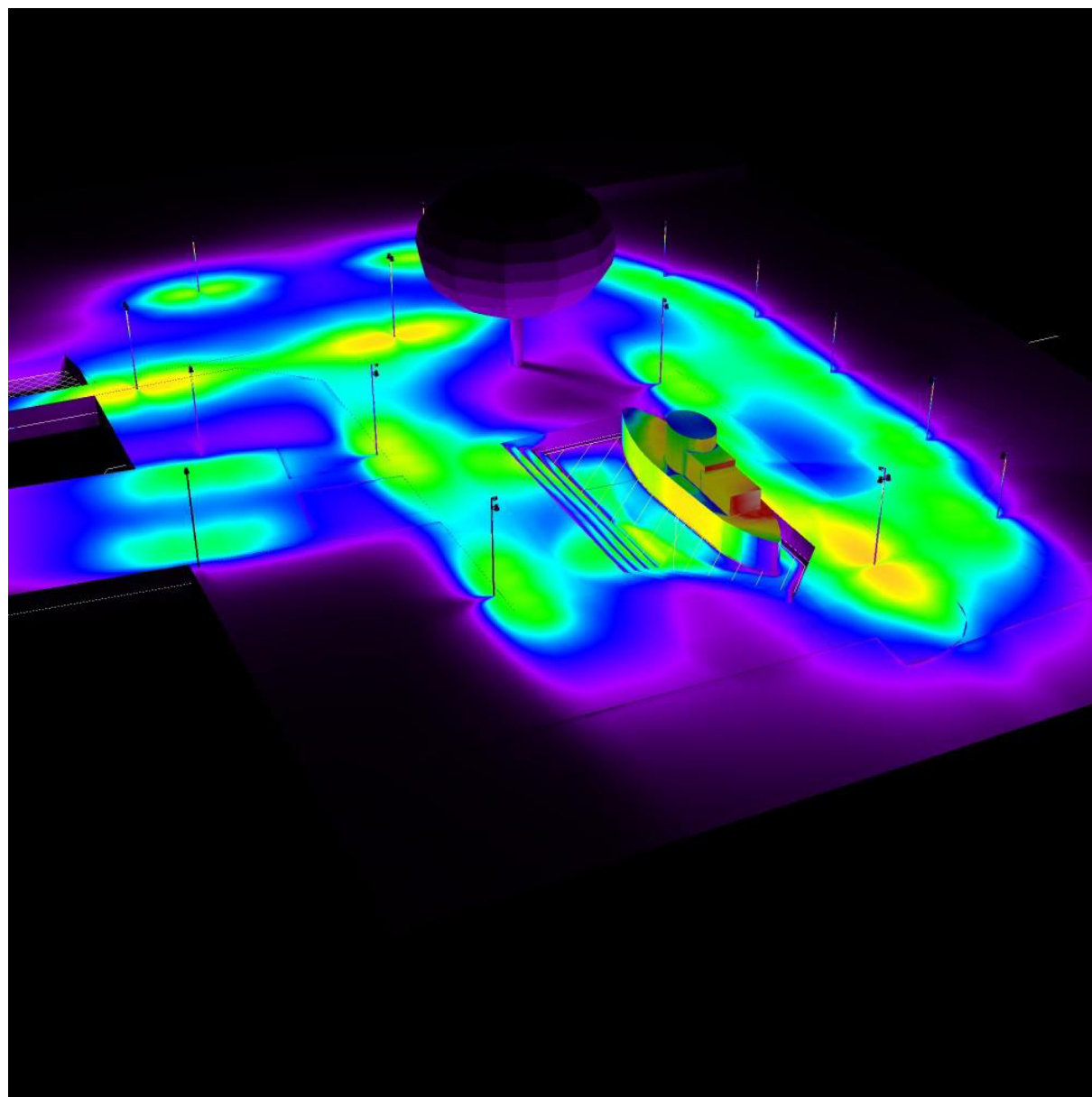


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Maskavas iela 12, Rīga, LV-1050, Latvija

Operator Jānis Škutāns
Telephone +371 67797441
Fax +371 67797444
e-Mail janis.skutans@gaismasstils.lv

Ventspils, Promenādes apgaismojums -kuģīša "Rota" izgaismošana / False Colour Rendering



0 5 10 15 20 30 50 60 100 lx

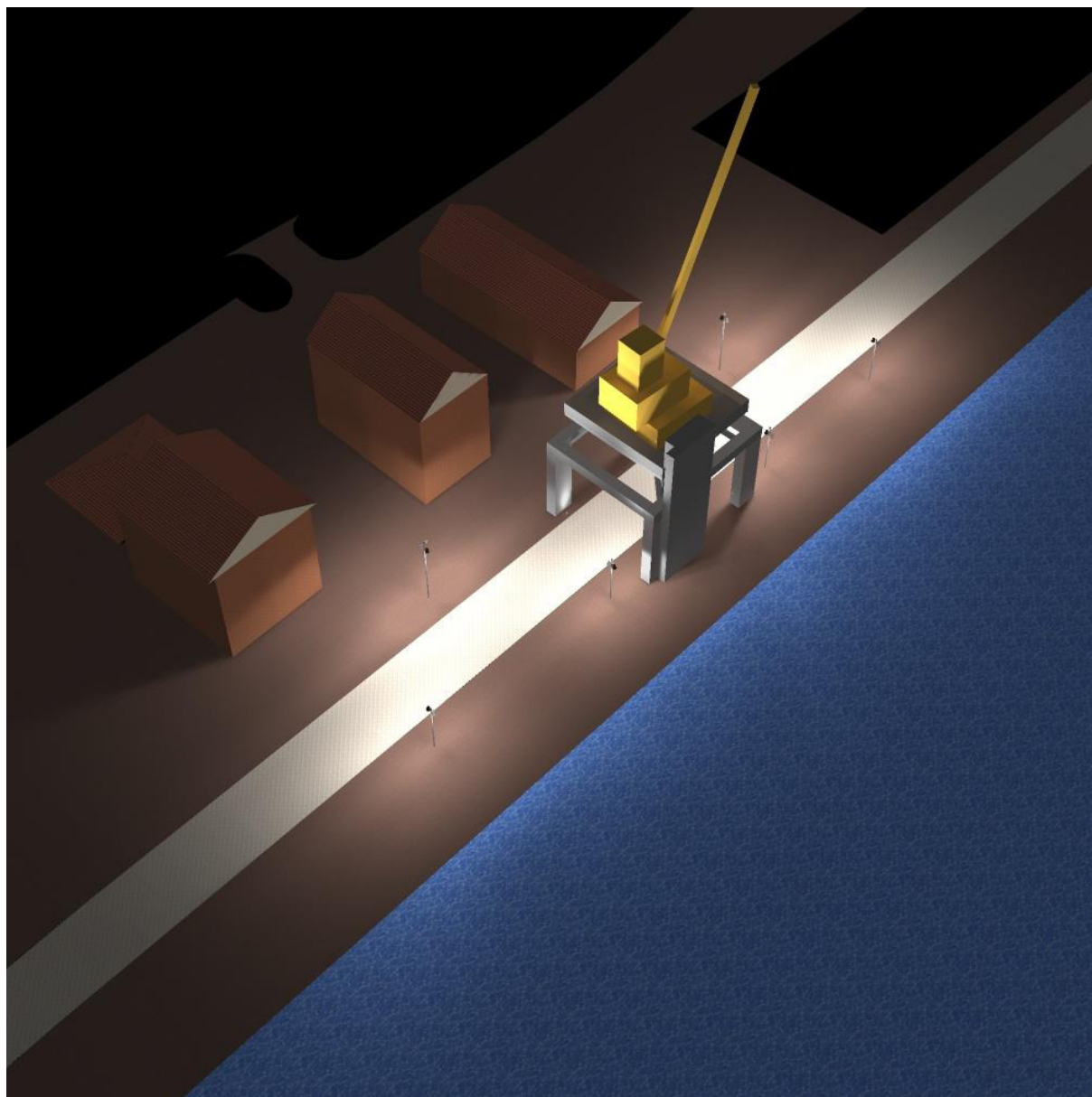


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Maskavas iela 12, Rīga, LV-1050, Latvija

Operator Jānis Škutāns
Telephone +371 67797441
Fax +371 67797444
e-Mail janis.skutans@gaismasstils.lv

Ventspils, Promenādes apgaismojums - celtna izgaismošana / 3D Rendering



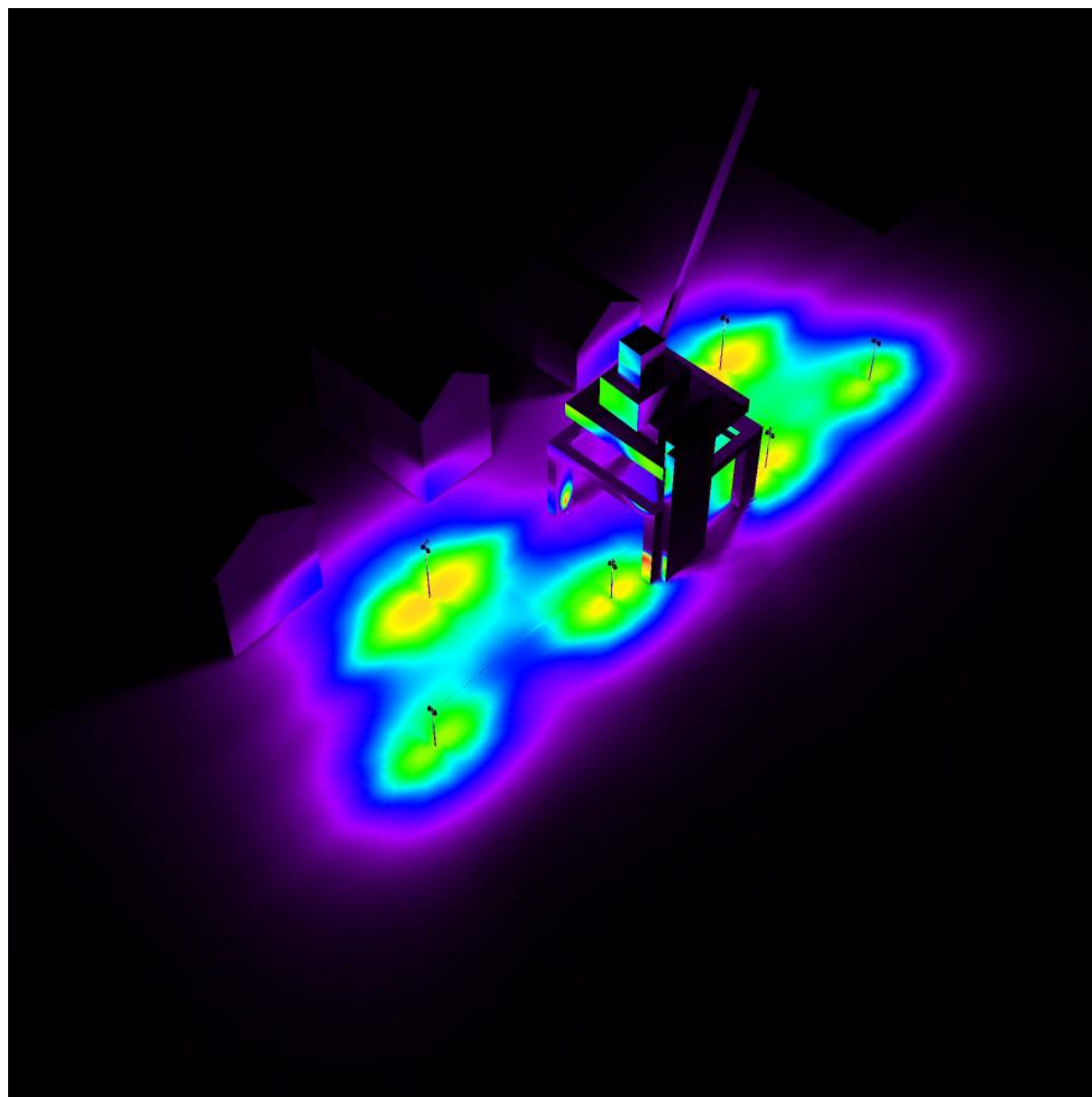


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Maskavas iela 12, Rīga, LV-1050, Latvija

Operator Jānis Škutāns
Telephone +371 67797441
Fax +371 67797444
e-Mail janis.skutans@gaismasstils.lv

Ventspils, Promenādes apgaismojums - celtna izgaismošana / False Colour Rendering



0 5 10 15 20 30 50 60 100 lx



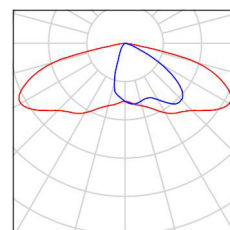
SIA "Gaismas Stils"

Maskavas iela 12, Rīga, LV-1050, Latvija

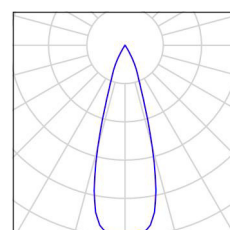
Operator Jānis Škutāns
Telephone +371 67797441
Fax +371 67797444
e-Mail janis.skutans@gaismasstils.lv

Ventspils, Promenādes apgaismojums - kopējais / Luminaire parts list

4 Pieces IGUZZINI BT93 MAXIWOODY family 44,9W
Article No.: BT93
Luminous flux (Luminaire): 4330 lm
Luminous flux (Lamps): 4330 lm
Luminaire Wattage: 44.9 W
Luminaire classification according to CIE: 100
CIE flux code: 35 71 96 100 100
Fitting: 1 x LS25 (Correction Factor 1.000).



6 Pieces IGUZZINI BU91 MAXIWOODY family 28,4W
Article No.: BU91
Luminous flux (Luminaire): 2646 lm
Luminous flux (Lamps): 3400 lm
Luminaire Wattage: 28.4 W
Luminaire classification according to CIE: 100
CIE flux code: 100 100 100 100 78
Fitting: 1 x LW64 (Correction Factor 1.000).



2 Pieces IGUZZINI BU93 MAXIWOODY family 28,4W
Article No.: BU93
Luminous flux (Luminaire): 2649 lm
Luminous flux (Lamps): 3400 lm
Luminaire Wattage: 28.4 W
Luminaire classification according to CIE: 100
CIE flux code: 99 100 100 100 78
Fitting: 1 x LW64 (Correction Factor 1.000).

