

Ankur electrical and engineering (SUDA)

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Customer No.:

Date: 31.12.2019
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Halonix Technologies Private Limited

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Ankur electrical and engineering (SUDA)

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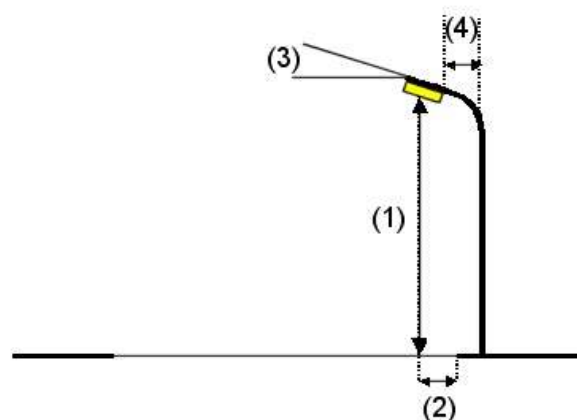
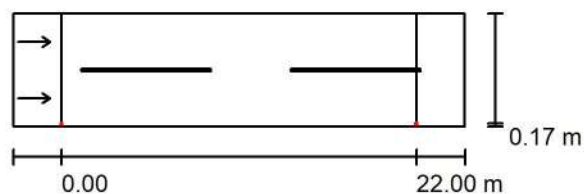


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Roadway 1 (Width: 7.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Light loss factor: 0.85

Luminaire Arrangements

Luminaire: Halonix 36W LED Street Light CWL

Luminous flux (Luminaire): 3608 lm

Luminous flux (Lamps): 3610 lm

Luminaire Wattage: 36.0 W

Arrangement: Single row, bottom

Pole Distance: 22.000 m

Mounting Height (1): 6.000 m

Height: 5.903 m

Overhang (2): 0.200 m

Boom Angle (3): 15.0 °

Boom Length (4): 0.500 m

Maximum luminous intensities

at 70°: 537 cd/klm

at 80°: 122 cd/klm

at 90°: 8.43 cd/klm

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

Arrangement complies with luminous intensity class G2.

Arrangement complies with glare index class D.4.

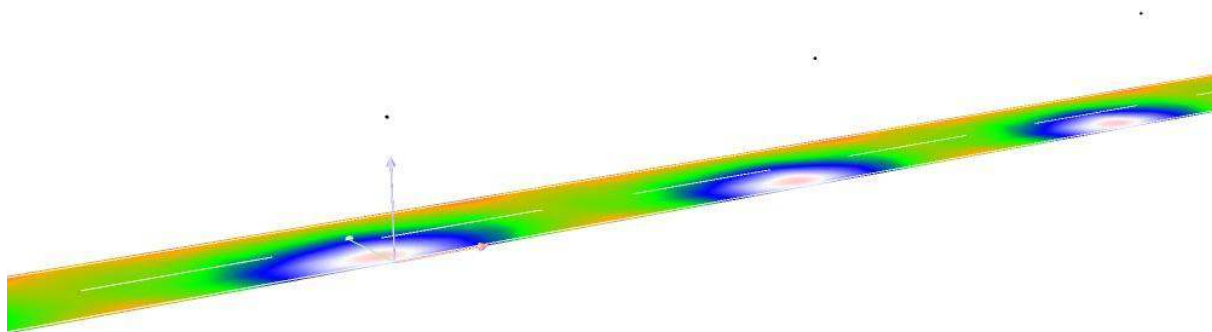


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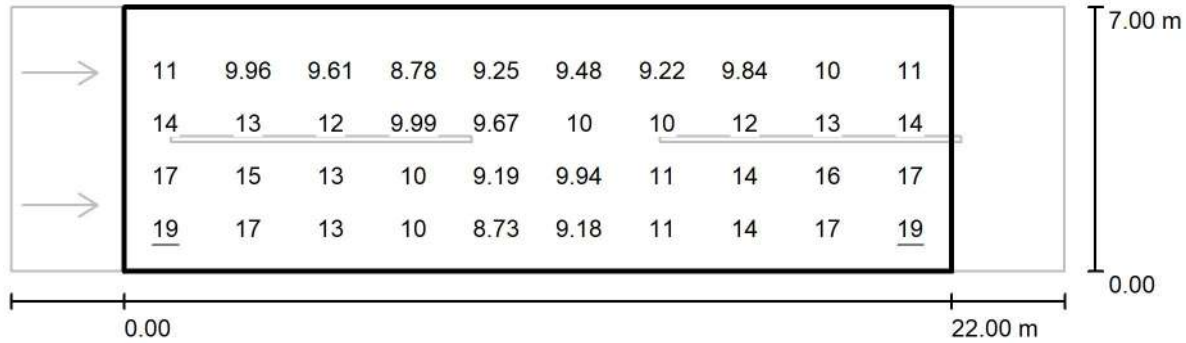
7M ROAD WIDTH-SINGLE SIDE / False Color Rendering



0 3.75 7.50 11.25 15 18.75 22.50 26.25 30 lx



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Values in Lux, Scale 1 : 201

Not all calculated values could be displayed.

Grid: 10 x 10 Points

 E_{av} [lx]
12 E_{min} [lx]
7.13 E_{max} [lx]
19 $u0$
0.616 E_{min} / E_{max}
0.370

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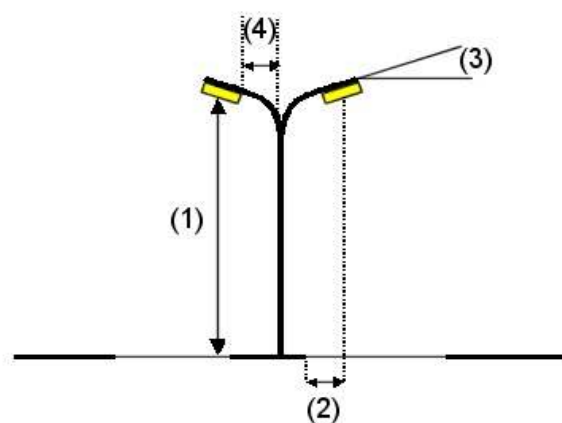
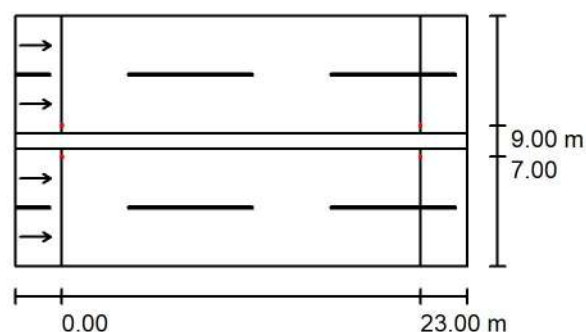
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Roadway 2 (Width: 7.500 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Median 1 (Width: 1.000 m, Height: 0.000 m)

Roadway 1 (Width: 7.500 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Light loss factor: 0.85

Luminaire Arrangements

Luminaire:
 Luminous flux (Luminaire): 8409 lm
 Luminous flux (Lamps): 8410 lm
 Luminaire Wattage: 70.0 W
 Arrangement: on Median
 Pole Distance: 23.000 m
 Mounting Height (1): 8.000 m
 Height: 7.951 m
 Overhang (2): 0.496 m
 Boom Angle (3): 10.0 °
 Boom Length (4): 0.996 m

Halonix 70W LED Street Light CWL

Maximum luminous intensities
 at 70°: 128 cd/klm
 at 80°: 22 cd/klm
 at 90°: 4.84 cd/klm

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

Arrangement complies with luminous intensity class G3.

Arrangement complies with glare index class D.5.

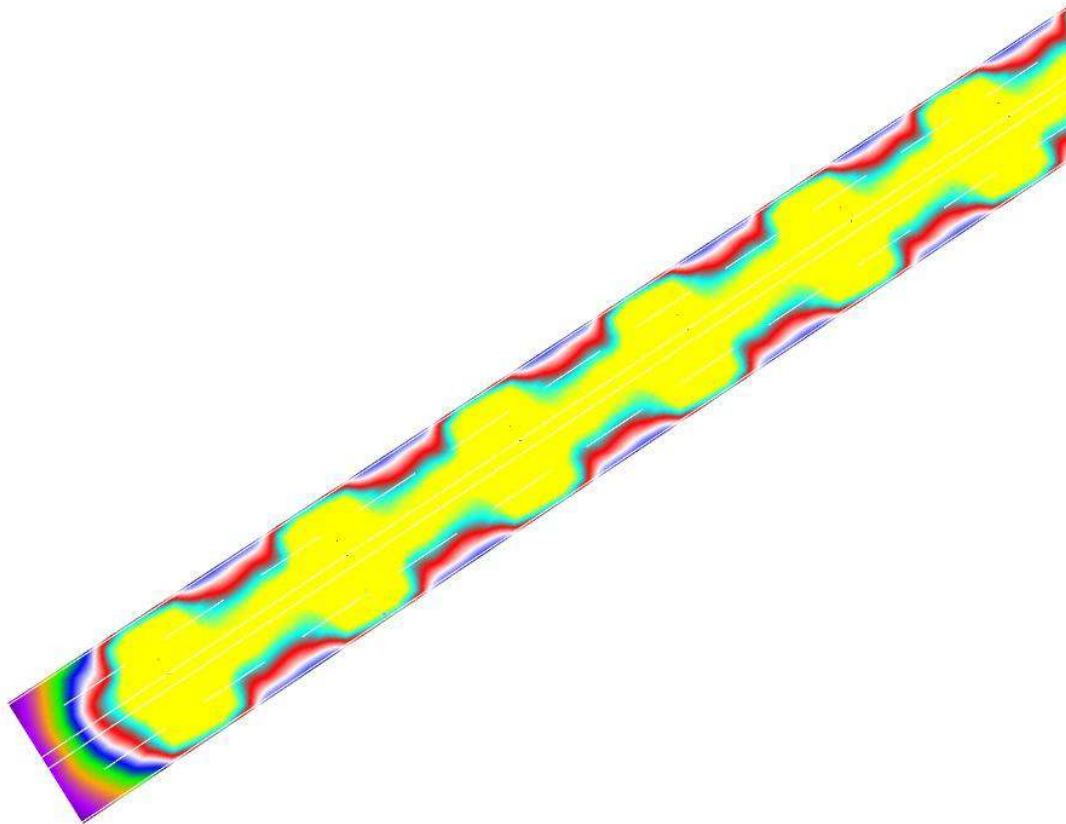


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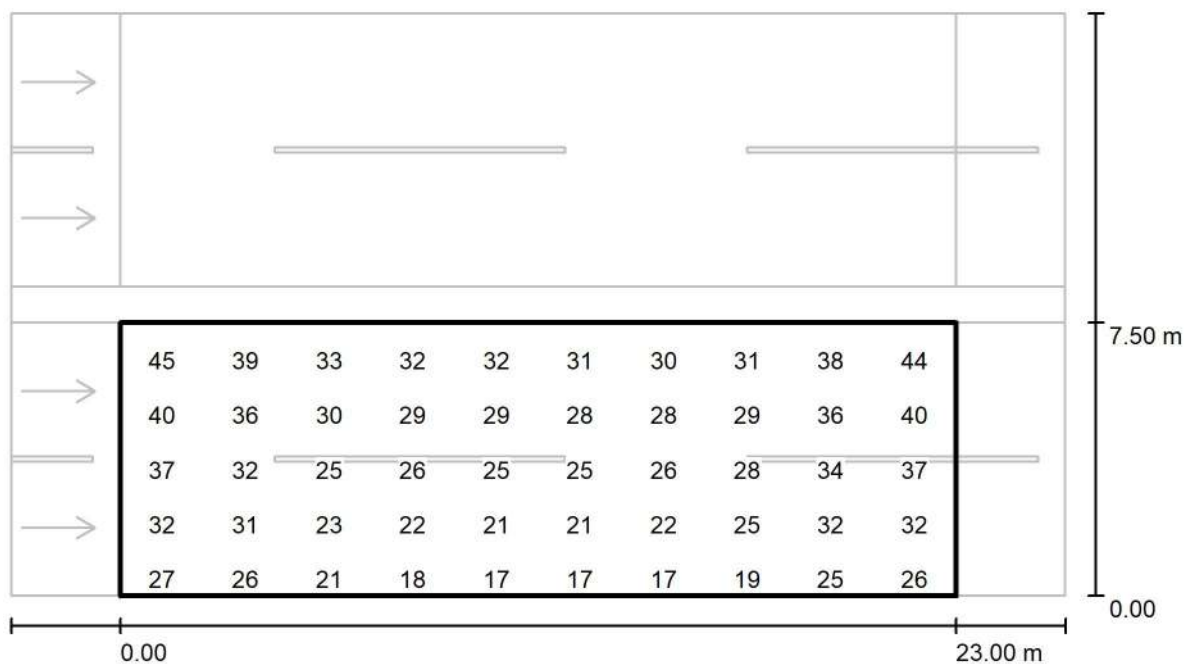
15M ROAD WIDTH--CENTER SIDE / False Color Rendering



0 3.75 7.50 11.25 15 18.75 22.50 26.25 30 lx



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Values in Lux, Scale 1 : 208

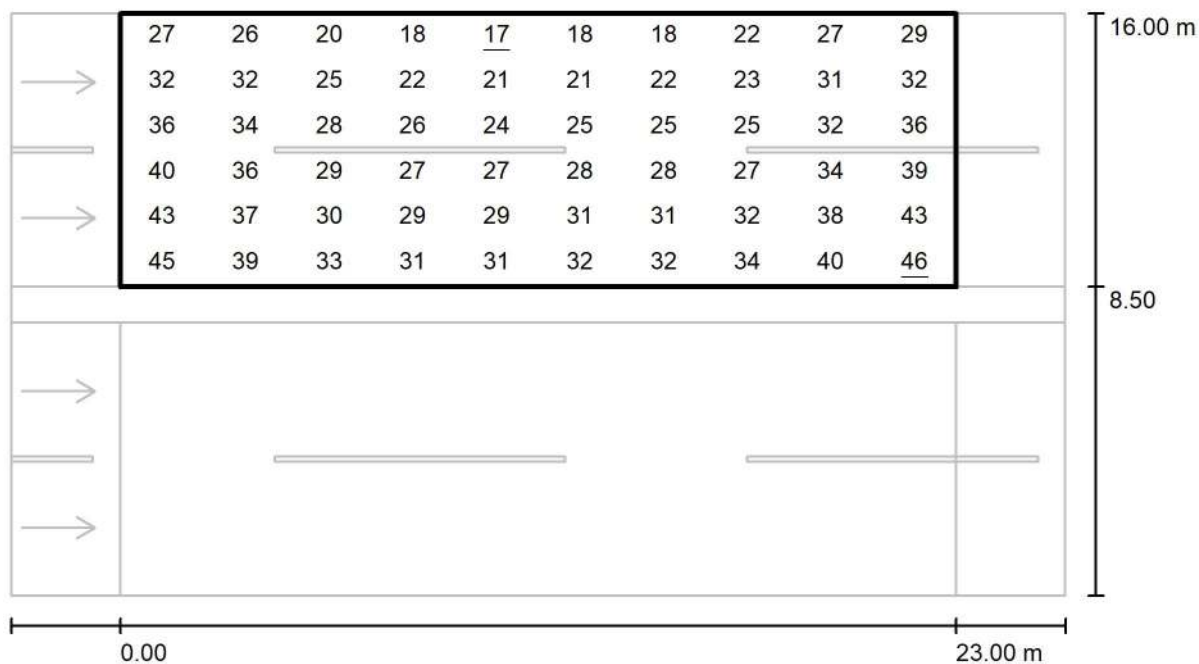
Not all calculated values could be displayed.

Grid: 10 x 10 Points

 E_{av} [lx]
30 E_{min} [lx]
17 E_{max} [lx]
46u0
0.552 E_{min} / E_{max}
0.358



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Values in Lux, Scale 1 : 208

Grid: 10 x 6 Points

 E_{av} [lx]
30 E_{min} [lx]
17 E_{max} [lx]
46 u_0
0.575 E_{min} / E_{max}
0.375

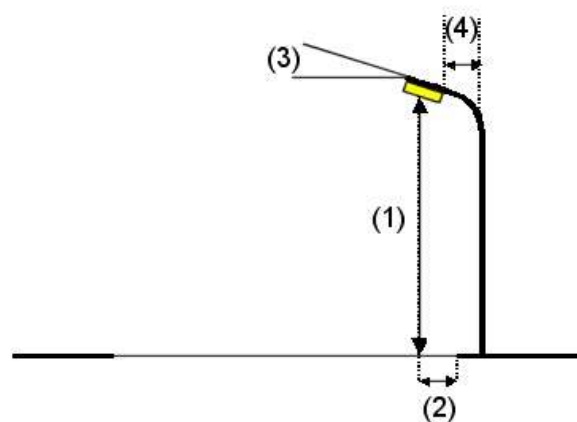
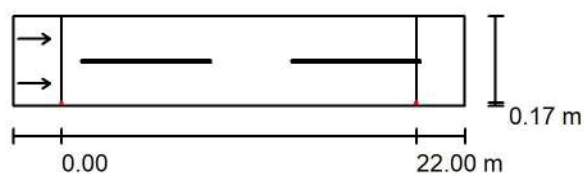


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Roadway 1 (Width: 5.500 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Light loss factor: 0.85

Luminaire Arrangements

Luminaire: Halonix 36W LED Street Light CWL

Luminous flux (Luminaire): 3608 lm

Luminous flux (Lamps): 3610 lm

Luminaire Wattage: 36.0 W

Arrangement: Single row, bottom

Pole Distance: 22.000 m

Mounting Height (1): 6.000 m

Height: 5.903 m

Overhang (2): 0.200 m

Boom Angle (3): 15.0 °

Boom Length (4): 0.500 m

Maximum luminous intensities

at 70°: 537 cd/klm

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at 90°: 8.43 cd/klm

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

Arrangement complies with luminous intensity class G2.

Arrangement complies with glare index class D.4.

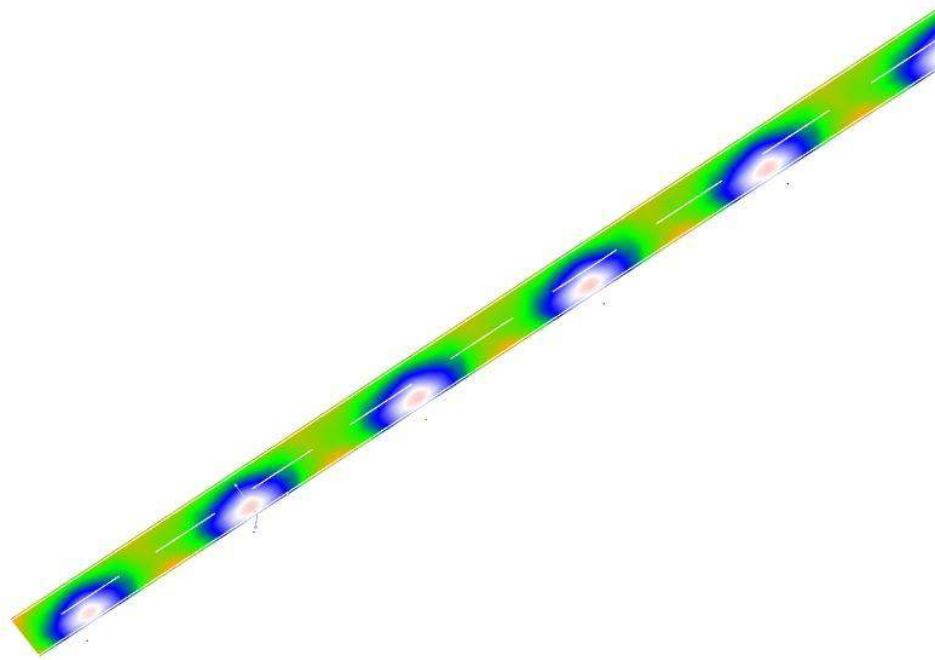


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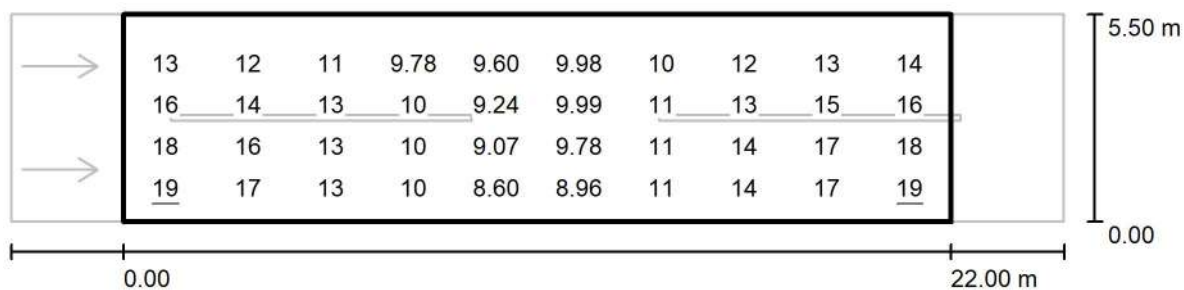
5M ROAD WIDTH-SINGLE SIDE / False Color Rendering



0 3.75 7.50 11.25 15 18.75 22.50 26.25 30 lx



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Values in Lux, Scale 1 : 201

Not all calculated values could be displayed.

Grid: 10 x 10 Points

 E_{av} [lx]
12 E_{min} [lx]
8.20 E_{max} [lx]
19u0
0.656 E_{min} / E_{max}
0.427