

## **Highway Lighting at Thikri Anjad, MP -Street Light Design**

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Order No.:  
Company:  
Customer No.:

Date: 27.12.2019  
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Halonix Technologies Private Limited

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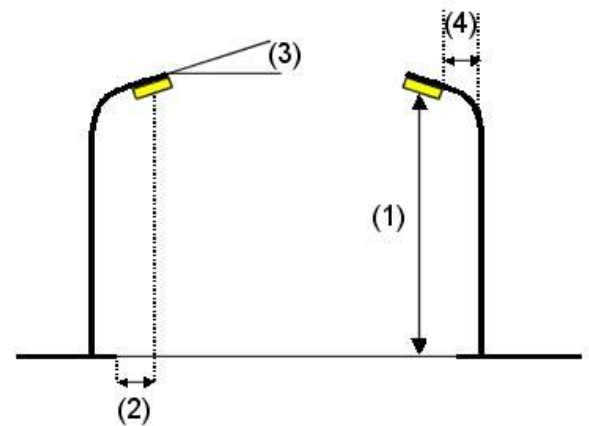
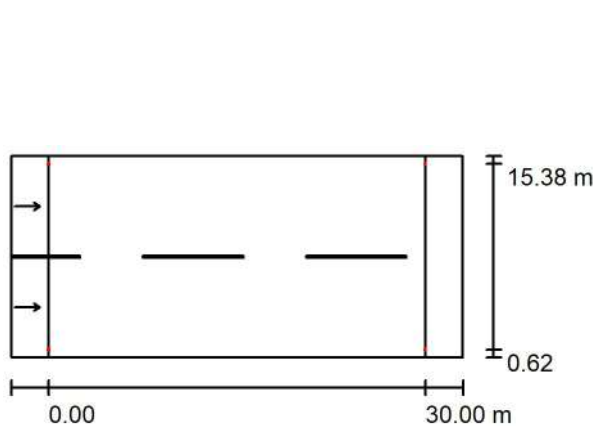
## TCS-2 / Planning data

### Street Profile

Roadway 2 (Width: 16.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Light loss factor: 0.85

### Luminaire Arrangements



Luminaire: HALONIX 200W LED Street Light CWL  
Luminous flux (Luminaire): 24098 lm  
Luminous flux (Lamps): 24100 lm  
Luminaire Wattage: 200.0 W  
Arrangement: Double row, opposing  
Pole Distance: 30.000 m  
Mounting Height (1): 10.000 m  
Height: 9.903 m  
Overhang (2): 0.650 m  
Boom Angle (3): 15.0 °  
Boom Length (4): 1.500 m

Maximum luminous intensities  
at 70°: 478 cd/klm  
at 80°: 45 cd/klm  
at 90°: 6.22 cd/klm

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

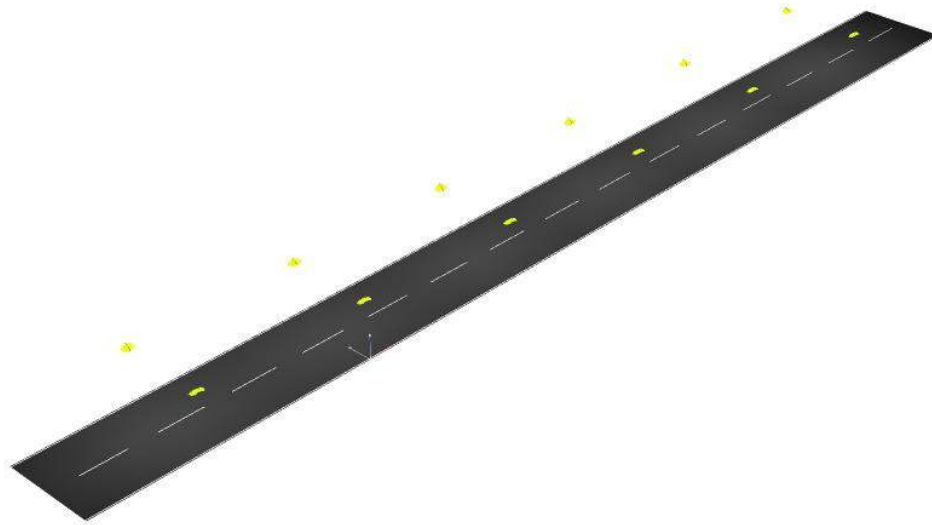
Arrangement complies with luminous intensity class G3.  
Arrangement complies with glare index class D.3.

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## TCS-2 / 3D Rendering

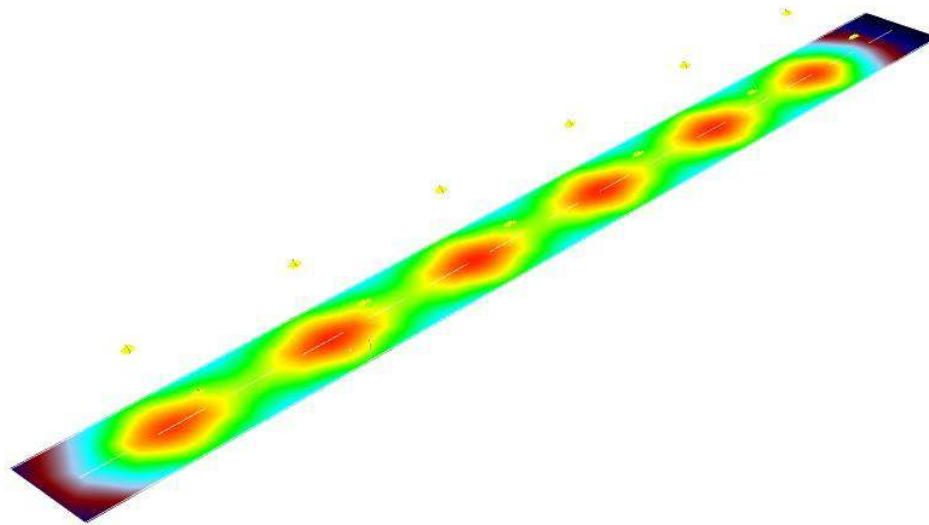


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## TCS-2 / False Color Rendering



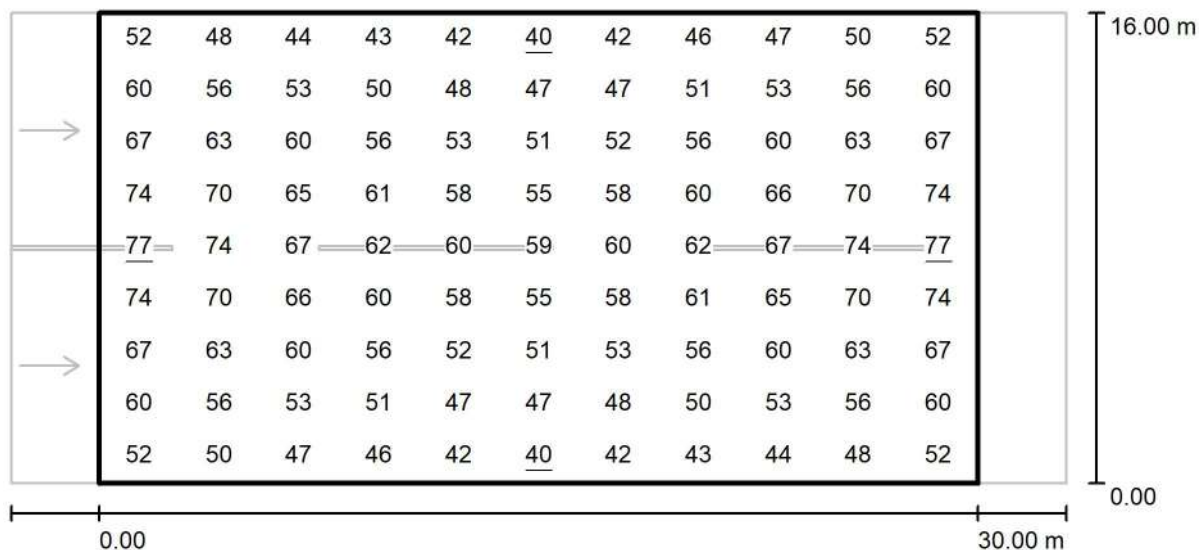
0 10 20 30 40 50 60 70 80 lx

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## TCS-2 / Valuation Field Roadway 2 / Value Chart (E)



Values in Lux, Scale 1 : 258

Grid: 11 x 9 Points

$E_{av}$  [lx]  
57

$E_{min}$  [lx]  
40

$E_{max}$  [lx]  
77

$u0$   
0.709

$E_{min} / E_{max}$   
0.522

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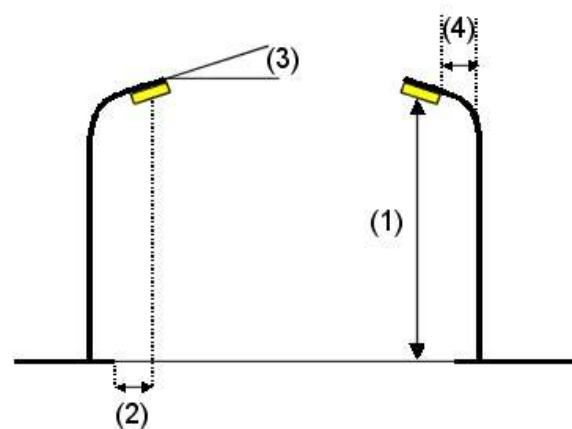
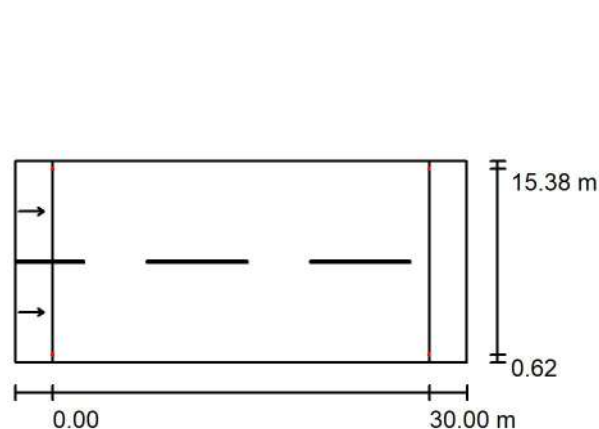
## TCS-2A / Planning data

### Street Profile

Roadway 2 (Width: 16.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

Light loss factor: 0.85

### Luminaire Arrangements



Luminaire: HALONIX 200W LED Street Light CWL  
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Luminaire Wattage: 200.0 W  
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Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.

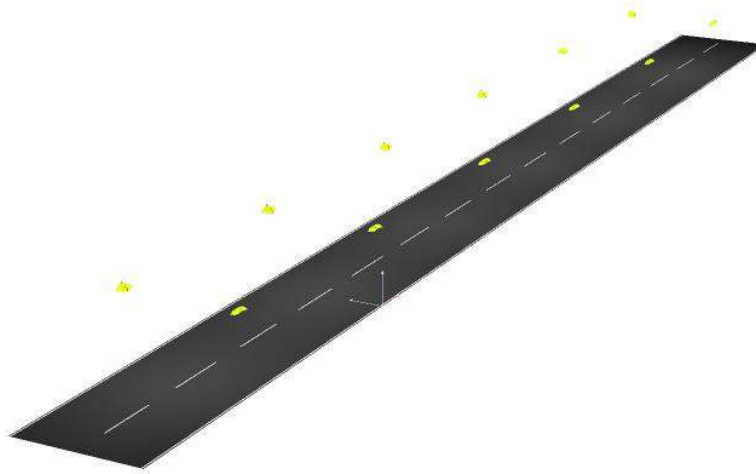
Arrangement complies with luminous intensity class G3.  
Arrangement complies with glare index class D.3.

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## TCS-2A / 3D Rendering



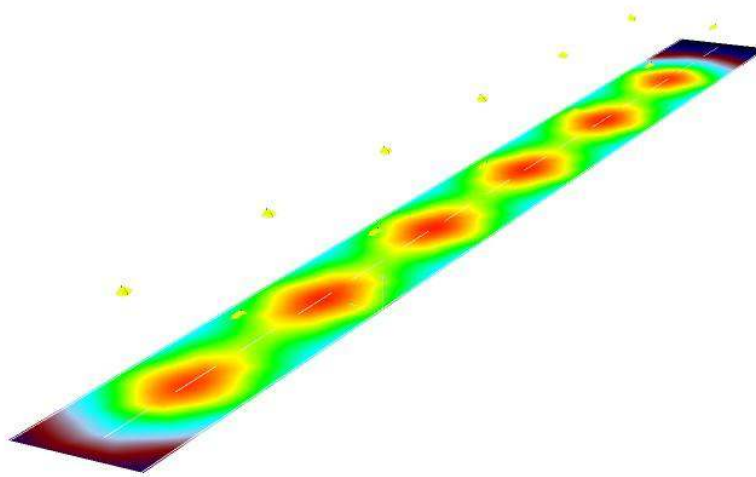


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## TCS-2A / False Color Rendering



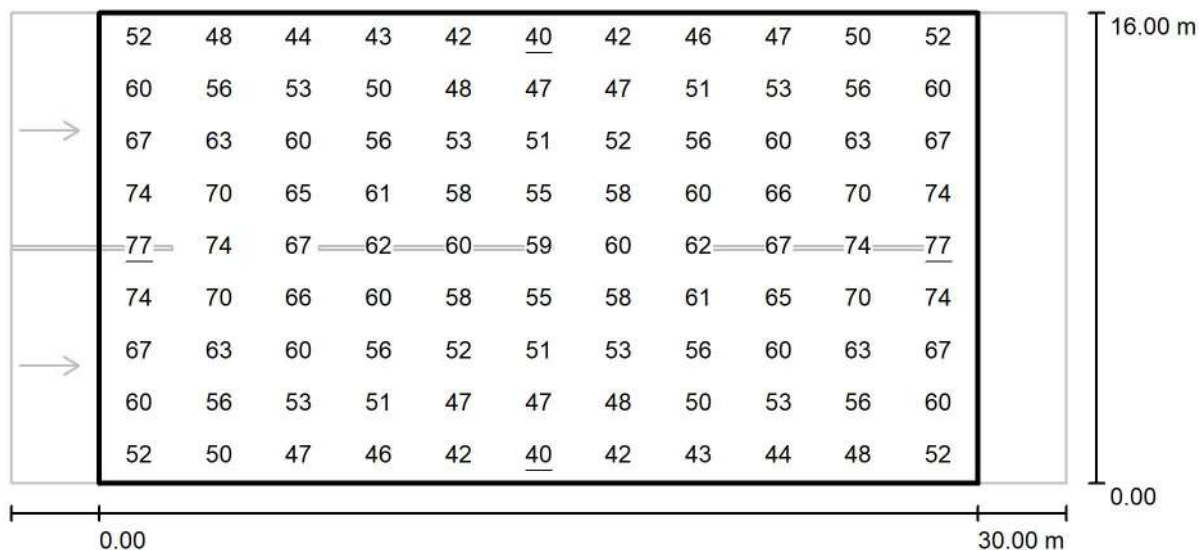
0 10 20 30 40 50 60 70 80 lx

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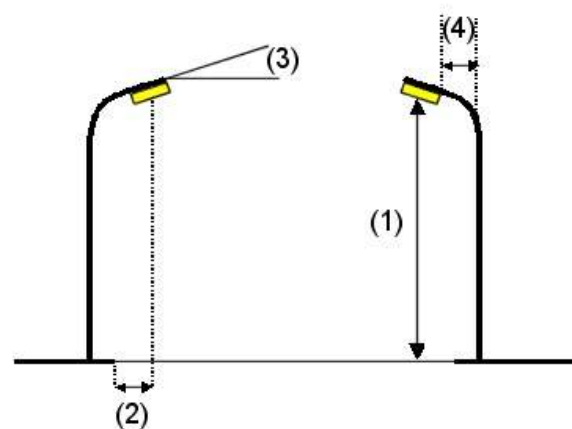
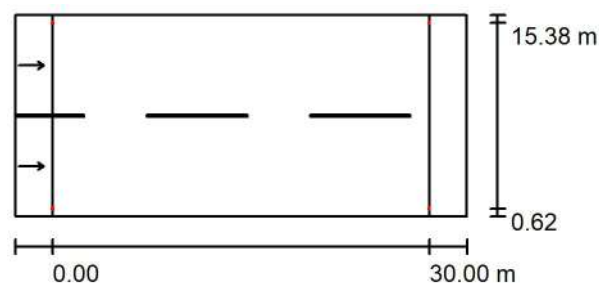
## TCS-2B / Planning data

### Street Profile

Roadway 2 (Width: 16.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070)

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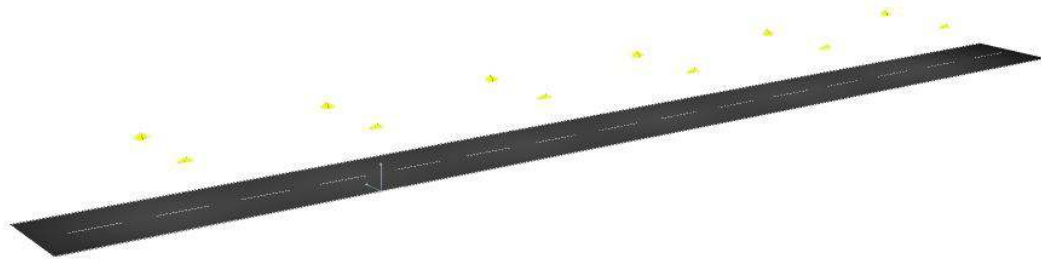
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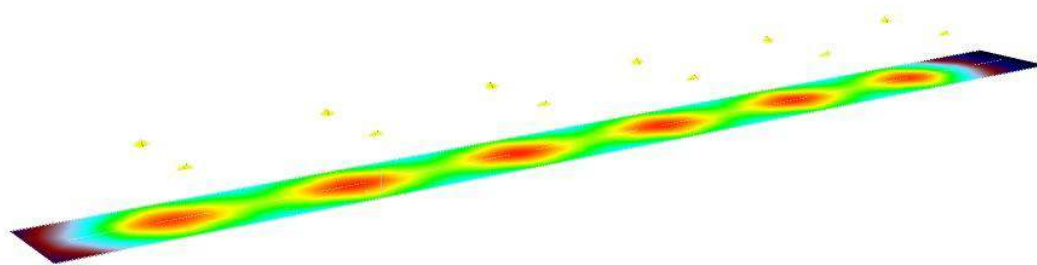


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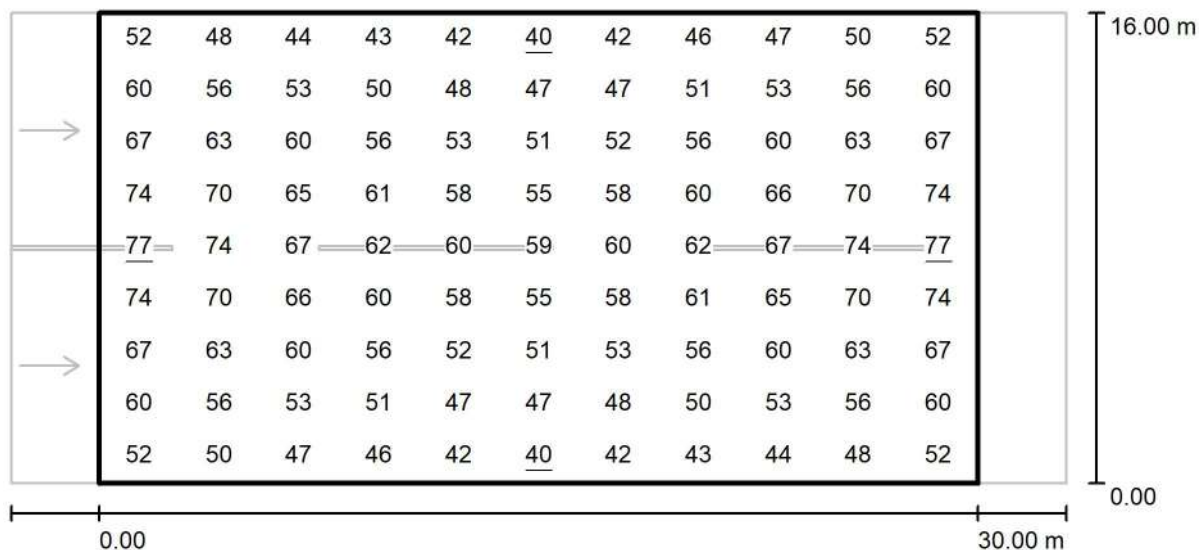
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