

## **Thikri Anjad, MP BUS BAY**

Partner for Contact:

Order No.:

Company:

Customer No.:

Date: 27.12.2019

Operator: MADAN HEGDE



Halonix Technologies Private Limited

B-404,KEMP PLAZA,OFF LINK ROAD, NEAR MIND SPACE,MALAD  
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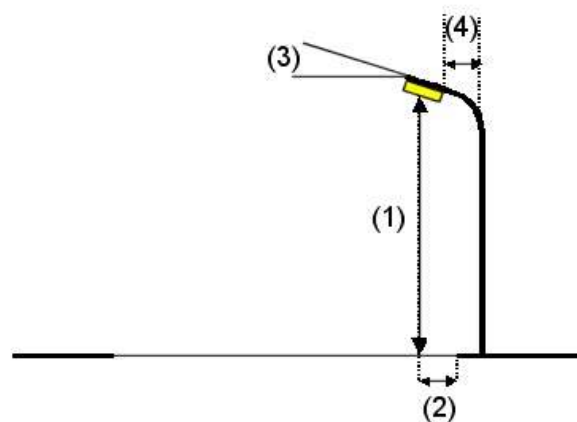
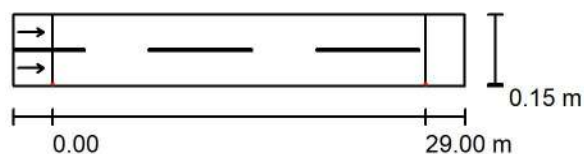
## 6+000 LHS AND RHS / Planning data

### Street Profile

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

Light loss factor: 0.85

### Luminaire Arrangements



Luminaire: HALONIX 250W LED Street Light CWL  
Luminous flux (Luminaire): 30097 lm  
Luminous flux (Lamps): 30100 lm  
Luminaire Wattage: 250.0 W  
Arrangement: Single row, bottom  
Pole Distance: 29.000 m  
Mounting Height (1): 10.000 m  
Height: 9.900 m  
Overhang (2): 0.150 m  
Boom Angle (3): 0.0 °  
Boom Length (4): 1.500 m

Maximum luminous intensities  
at 70°: 375 cd/klm  
at 80°: 32 cd/klm  
at 90°: 0.14 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.4.



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## 6+000 LHS AND RHS / 3D Rendering



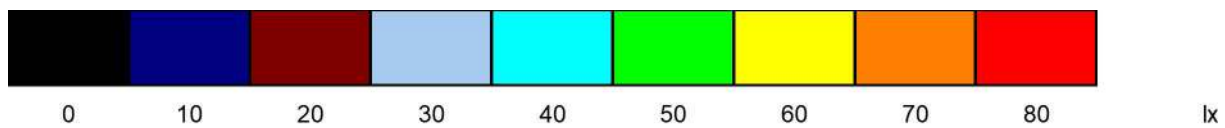
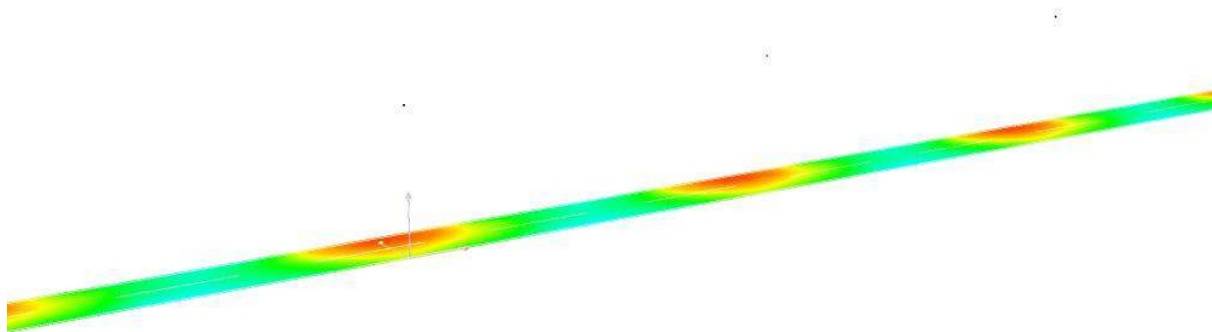


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## 6+000 LHS AND RHS / False Color Rendering



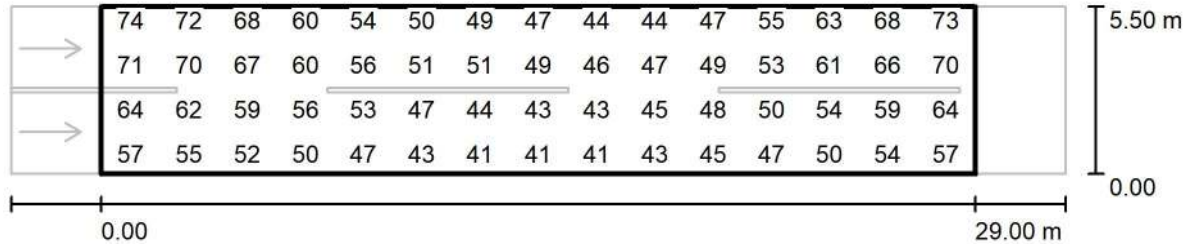


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### 6+000 LHS AND RHS / Valuation Field Roadway 1 / Value Chart (E)



Values in Lux, Scale 1 : 251

Not all calculated values could be displayed.

Grid: 15 x 15 Points

$E_{av}$  [lx]  
54

$E_{min}$  [lx]  
40

$E_{max}$  [lx]  
75

$u_0$   
0.740

$E_{min} / E_{max}$   
0.537



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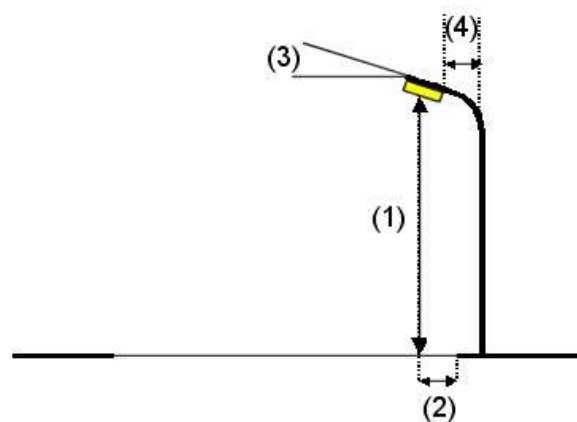
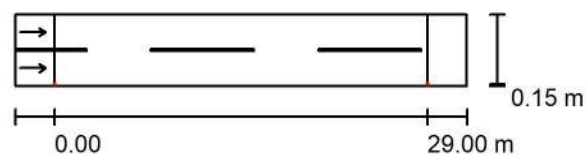
## 8+350 LHS AND RHS / Planning data

### Street Profile

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

Light loss factor: 0.85

### Luminaire Arrangements



Luminaire: HALONIX 250W LED Street Light CWL  
Luminous flux (Luminaire): 30097 lm  
Luminous flux (Lamps): 30100 lm  
Luminaire Wattage: 250.0 W  
Arrangement: Single row, bottom  
Pole Distance: 29.000 m  
Mounting Height (1): 10.000 m  
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Overhang (2): 0.150 m  
Boom Angle (3): 0.0 °  
Boom Length (4): 1.500 m

Maximum luminous intensities  
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at 80°: 32 cd/klm  
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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.4.



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## 8+350 LHS AND RHS / 3D Rendering





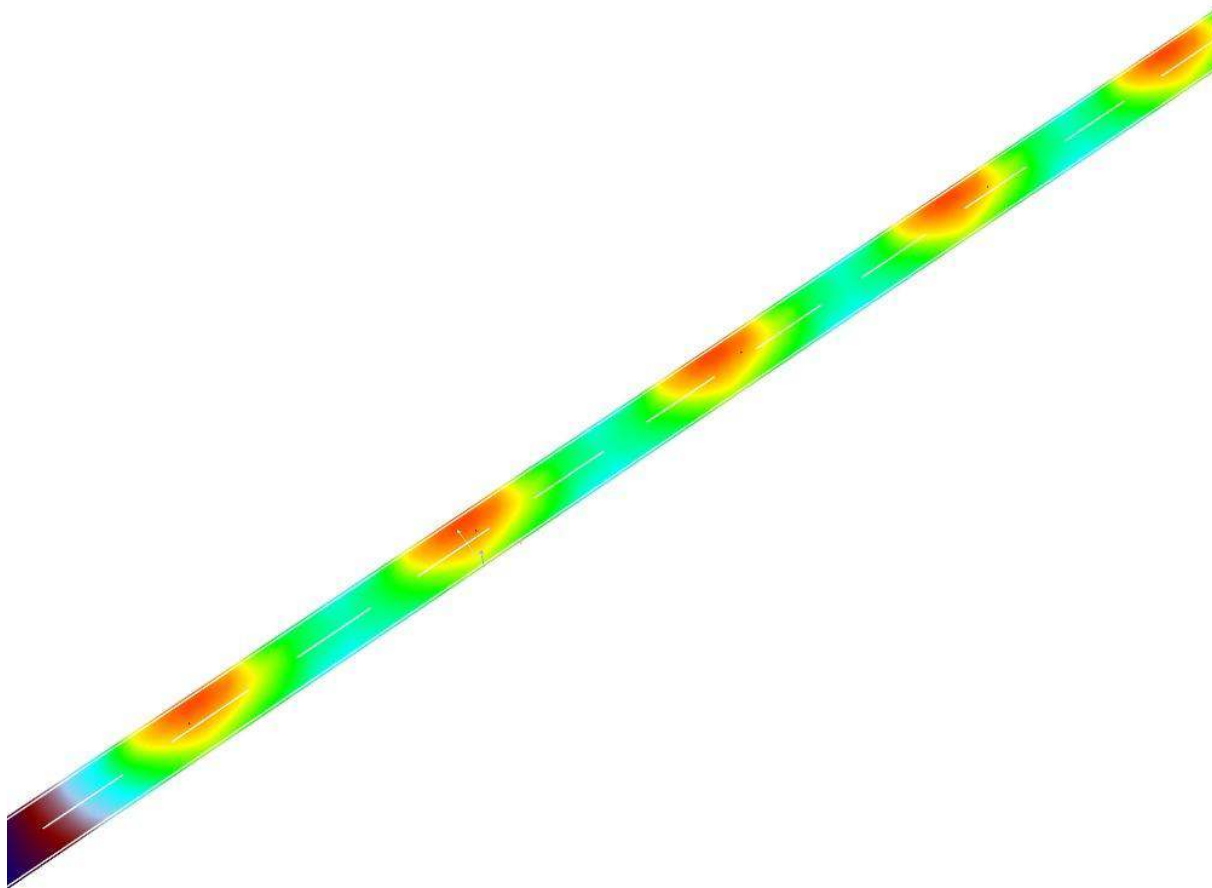


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## 8+350 LHS AND RHS / False Color Rendering



0 10 20 30 40 50 60 70 80 lx

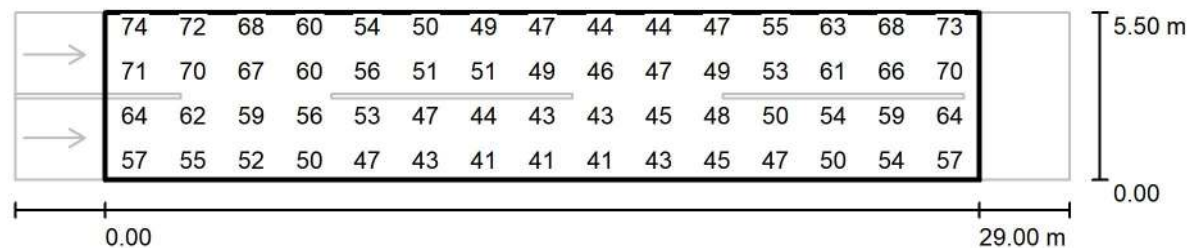


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$E_{min}$  [lx]  
40

$E_{max}$  [lx]  
75

$u_0$   
0.740

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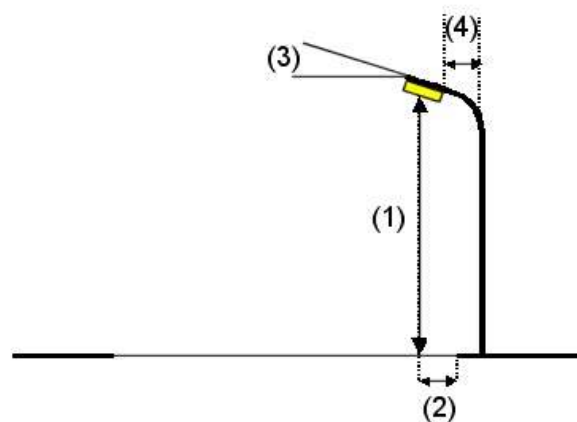
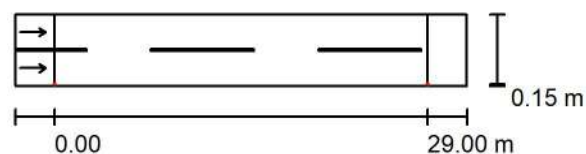
## 16+800 LHS AND RHS / Planning data

### Street Profile

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

Light loss factor: 0.85

### Luminaire Arrangements



Luminaire: HALONIX 250W LED Street Light CWL  
Luminous flux (Luminaire): 30097 lm  
Luminous flux (Lamps): 30100 lm  
Luminaire Wattage: 250.0 W  
Arrangement: Single row, bottom  
Pole Distance: 29.000 m  
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Arrangement complies with luminous intensity class G3.  
Arrangement complies with glare index class D.4.



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## 16+800 LHS AND RHS / 3D Rendering



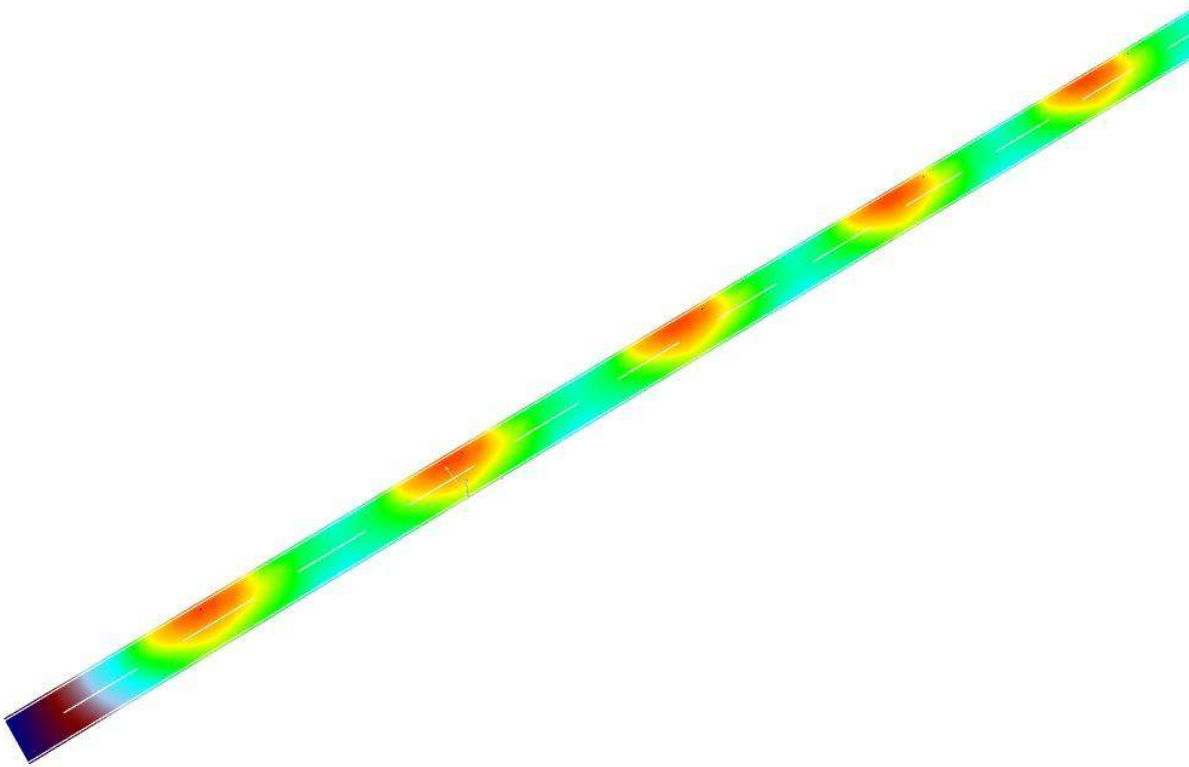


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## 16+800 LHS AND RHS / False Color Rendering



0 10 20 30 40 50 60 70 80 lx

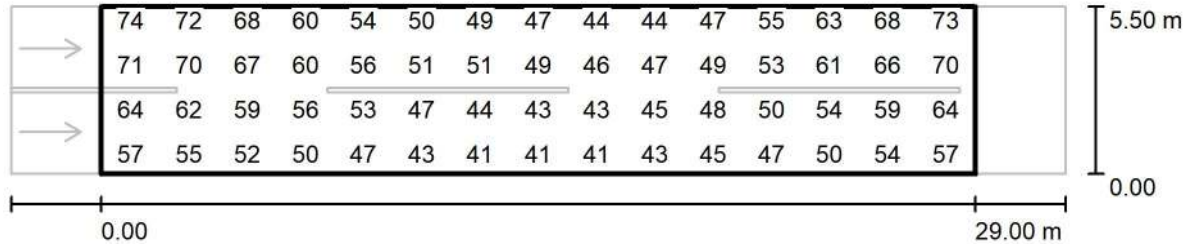


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### 16+800 LHS AND RHS / Valuation Field Roadway 1 / Value Chart (E)



Values in Lux, Scale 1 : 251

Not all calculated values could be displayed.

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$E_{av}$  [lx]  
54

$E_{min}$  [lx]  
40

$E_{max}$  [lx]  
75

$u_0$   
0.740

$E_{min} / E_{max}$   
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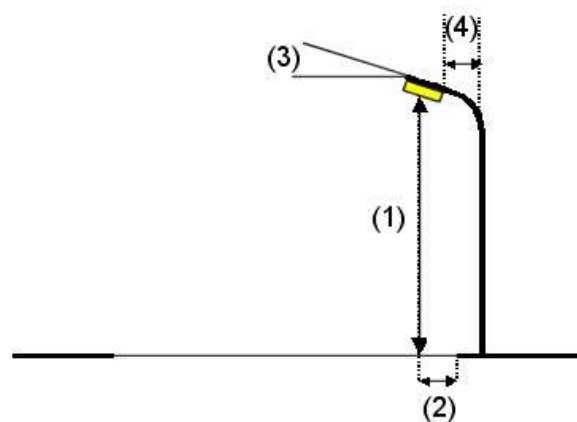
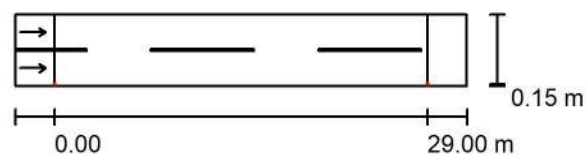
## 22+000 LHS AND RHS / Planning data

### Street Profile

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

Light loss factor: 0.85

### Luminaire Arrangements



Luminaire: HALONIX 250W LED Street Light CWL  
Luminous flux (Luminaire): 30097 lm  
Luminous flux (Lamps): 30100 lm  
Luminaire Wattage: 250.0 W  
Arrangement: Single row, bottom  
Pole Distance: 29.000 m  
Mounting Height (1): 10.000 m  
Height: 9.900 m  
Overhang (2): 0.150 m  
Boom Angle (3): 0.0 °  
Boom Length (4): 1.500 m

Maximum luminous intensities  
at 70°: 375 cd/klm  
at 80°: 32 cd/klm  
at 90°: 0.14 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.4.



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## 22+000 LHS AND RHS / 3D Rendering





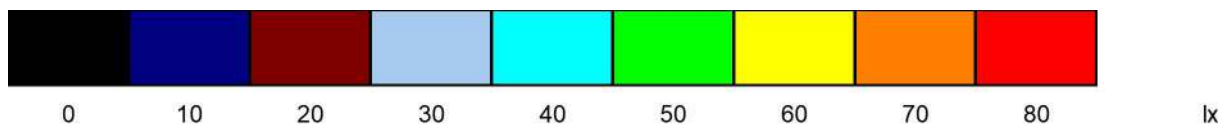
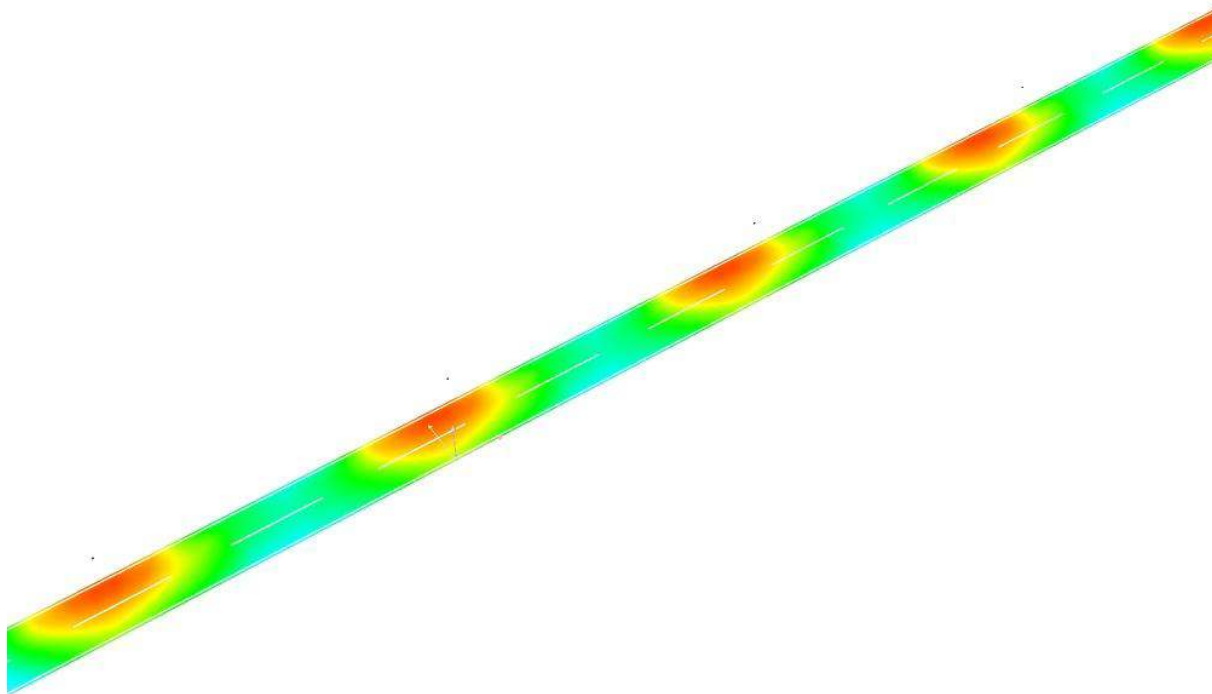


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## 22+000 LHS AND RHS / False Color Rendering



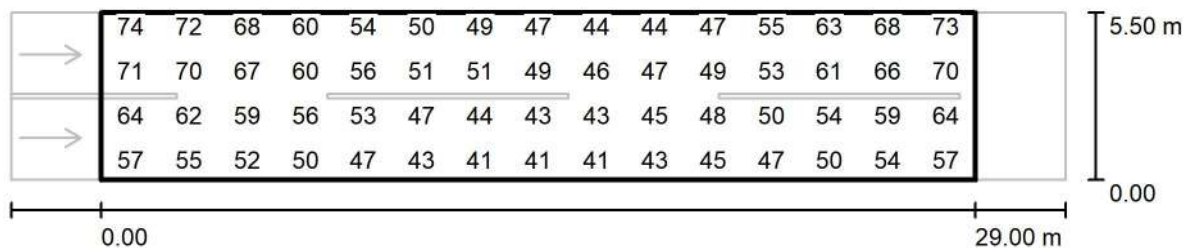


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## 22+000 LHS AND RHS / Valuation Field Roadway 1 / Value Chart (E)



Values in Lux, Scale 1 : 251

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Grid: 15 x 15 Points

$E_{av}$  [lx]  
54

$E_{min}$  [lx]  
40

$E_{max}$  [lx]  
75

$u_0$   
0.740

$E_{min} / E_{max}$   
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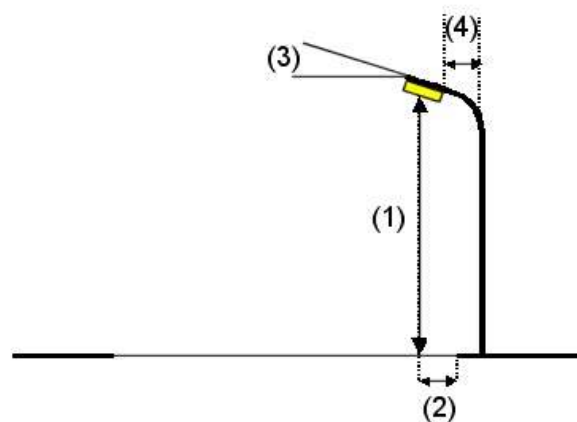
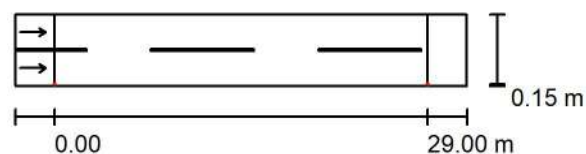
## 24+400 LHS AND RHS / Planning data

### Street Profile

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

Light loss factor: 0.85

### Luminaire Arrangements



Luminaire: HALONIX 250W LED Street Light CWL  
Luminous flux (Luminaire): 30097 lm  
Luminous flux (Lamps): 30100 lm  
Luminaire Wattage: 250.0 W  
Arrangement: Single row, bottom  
Pole Distance: 29.000 m  
Mounting Height (1): 10.000 m  
Height: 9.900 m  
Overhang (2): 0.150 m  
Boom Angle (3): 0.0 °  
Boom Length (4): 1.500 m

Maximum luminous intensities  
at 70°: 375 cd/klm  
at 80°: 32 cd/klm  
at 90°: 0.14 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.4.

Thikri Anjad, MP BUS BAY



**DIALux**

27.12.2019

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## 24+400 LHS AND RHS / 3D Rendering



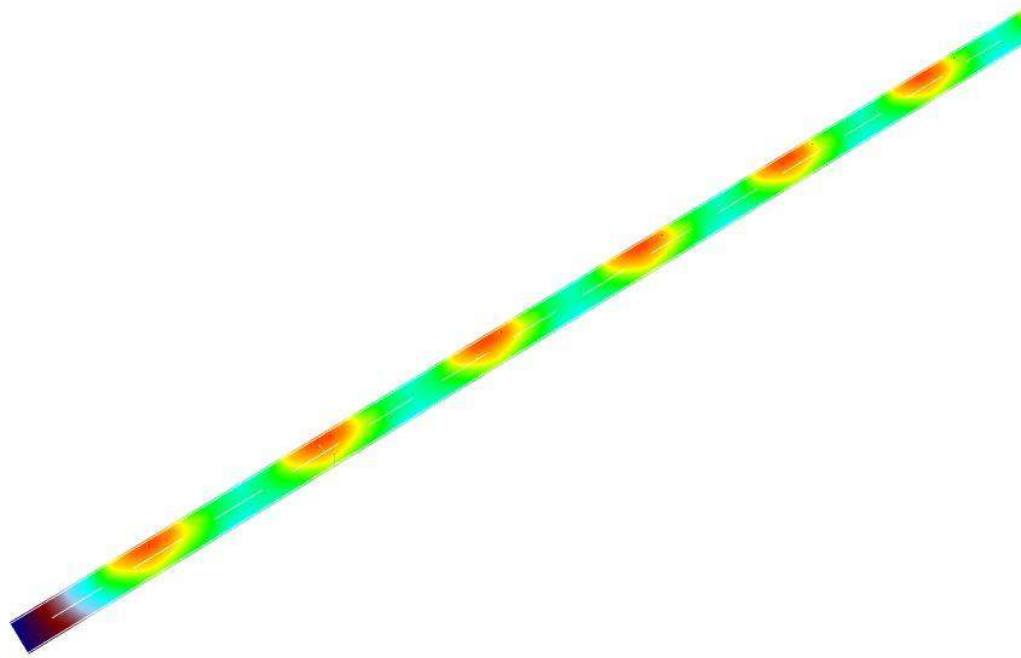


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## 24+400 LHS AND RHS / False Color Rendering



0 10 20 30 40 50 60 70 80 lx

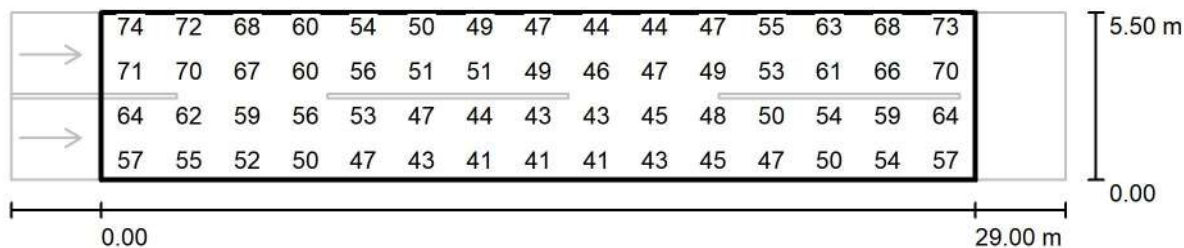


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Values in Lux, Scale 1 : 251

Not all calculated values could be displayed.

Grid: 15 x 15 Points

$E_{av}$  [lx]  
54

$E_{min}$  [lx]  
40

$E_{max}$  [lx]  
75

$u_0$   
0.740

$E_{min} / E_{max}$   
0.537



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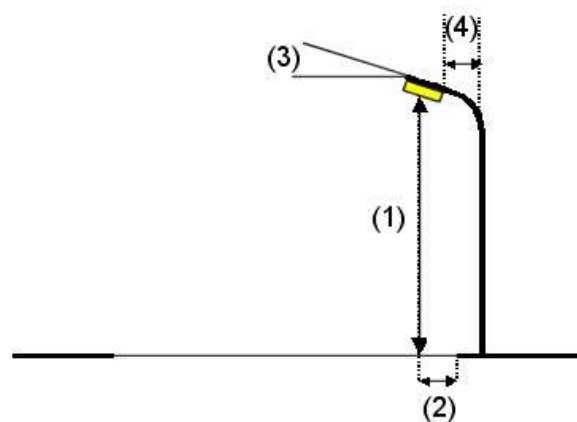
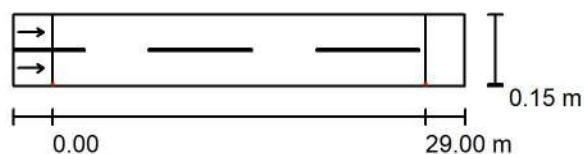
## 28+630 LHS AND RHS / Planning data

### Street Profile

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

Light loss factor: 0.85

### Luminaire Arrangements



Luminaire: HALONIX 250W LED Street Light CWL  
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Luminous flux (Lamps): 30100 lm  
Luminaire Wattage: 250.0 W  
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Maximum luminous intensities  
at 70°: 375 cd/klm  
at 80°: 32 cd/klm  
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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.4.



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## 28+630 LHS AND RHS / 3D Rendering





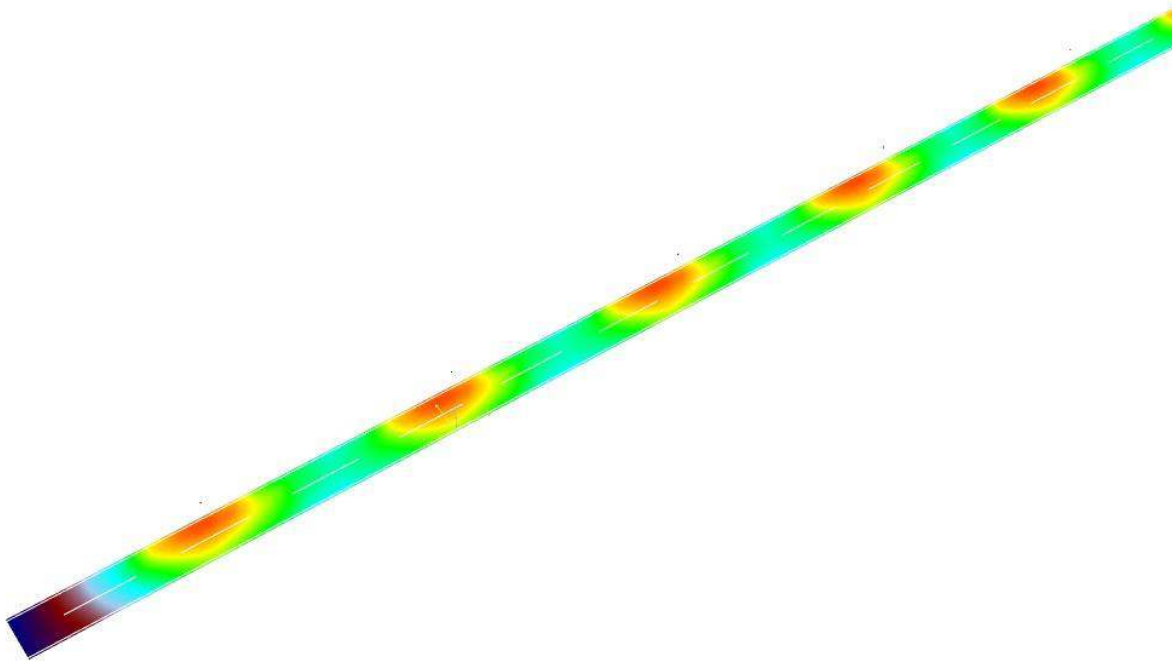


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## 28+630 LHS AND RHS / False Color Rendering



0 10 20 30 40 50 60 70 80 lx

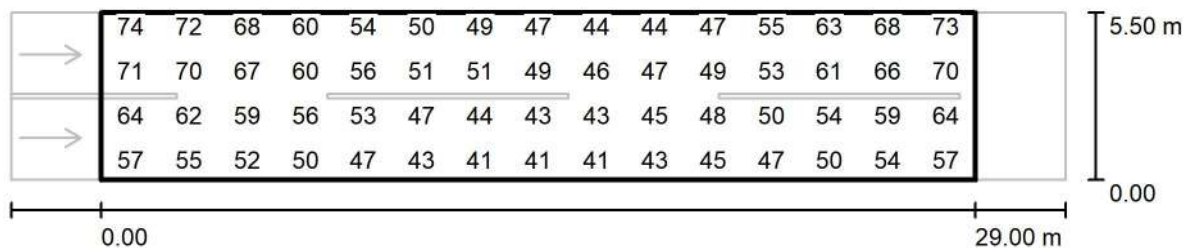


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Grid: 15 x 15 Points

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$E_{min}$  [lx]  
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$E_{max}$  [lx]  
75

$u0$   
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$E_{min} / E_{max}$   
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