

Project Name: Bareilly – Almorah Highway

Partner for Contact:

Order No.:

Company:

Customer No.:

Date: 13.09.2019

Operator: Abhishek Seth

Halonix Technologies Pvt Ltd

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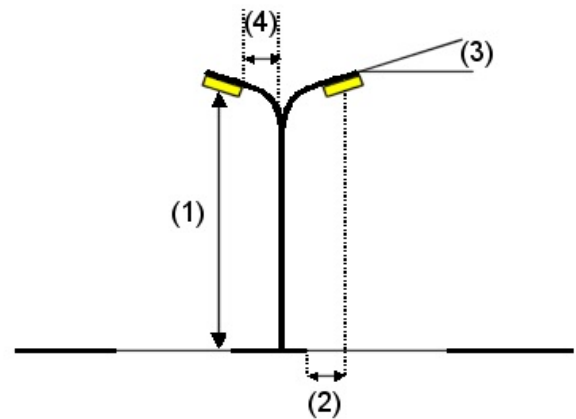
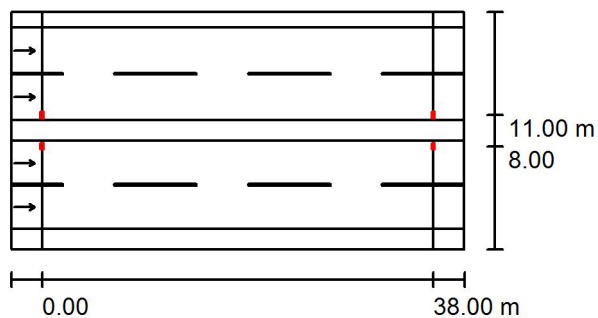
TYPE-7 / Planning data

Street Profile

FOOTPATH	(Width: 1.500 m)
LHS CARRIAGEWAY	(Width: 9.000 m, Number of lanes: 2, tarmac: R3, q0: 0.070)
Median	(Width: 2.000 m, Height: 0.000 m)
RHS CARRIAGEWAY	(Width: 8.500 m, Number of lanes: 2, tarmac: R3, q0: 0.070)
EARTHEN SHOULDER	(Width: 2.000 m)

Light loss factor: 0.85

Luminaire Arrangements



Luminaire:
 Luminous flux (Luminaire): 26422 lm
 Luminous flux (Lamps): 26422 lm
 Luminaire Wattage: 220.0 W
 Arrangement: on Median
 Pole Distance: 38.000 m
 Mounting Height (1): 10.000 m
 Height: 10.000 m
 Overhang (2): -0.989 m
 Boom Angle (3): 15.0 °
 Boom Length (4): 1.500 m

HALONIX 220W STREET LIGHT CWL

Maximum luminous intensities
 at 70°: 951 cd/klm
 at 80°: 307 cd/klm
 at 90°: 15 cd/klm

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

Arrangement complies with glare index class D.1.

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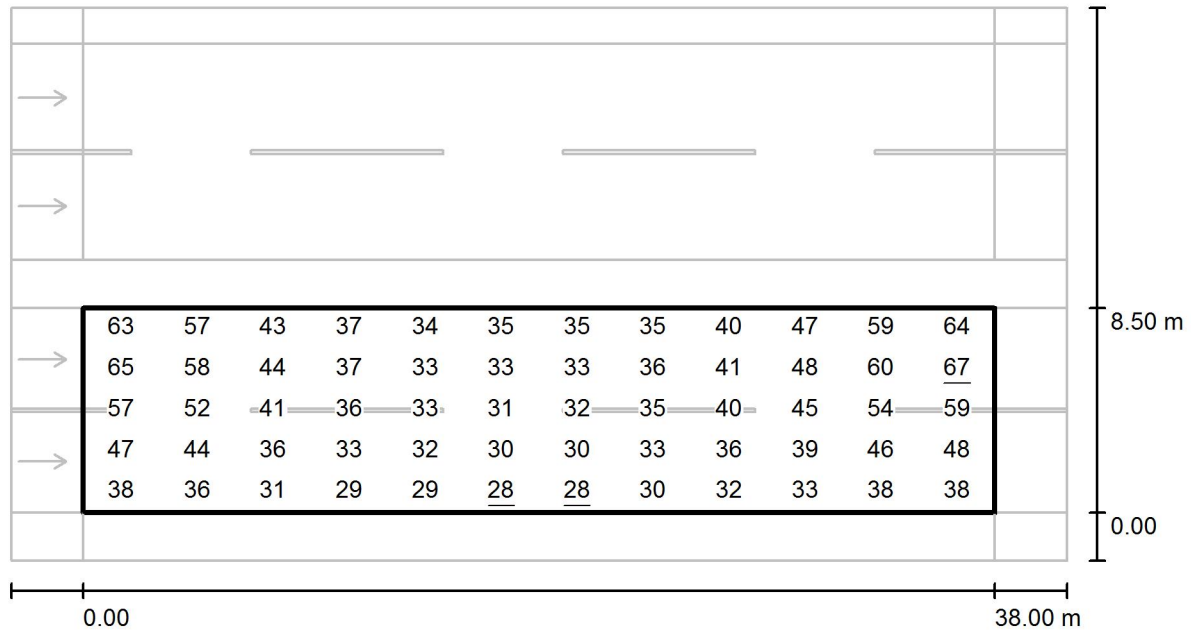
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TYPE-7 / RHS CARRIAGEWAY / Value Chart (E)



Values in Lux, Scale 1 : 315

Grid: 12 x 5 Points

E_{av} [lx]
41

E_{min} [lx]
28

E_{max} [lx]
67

u_0
0.675

E_{min} / E_{max}
0.414

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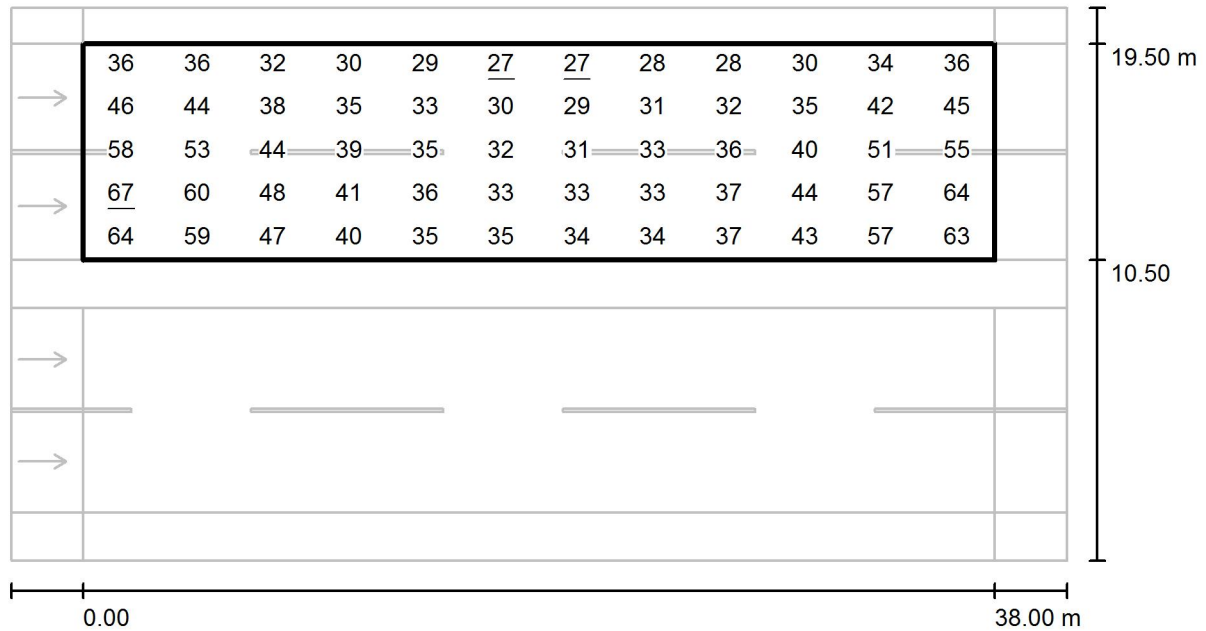
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TYPE-7 / LHS CARRIAGEWAY / Value Chart (E)



Values in Lux, Scale 1 : 315

Grid: 12 x 5 Points

E_{av} [lx]
40

E_{min} [lx]
27

E_{max} [lx]
67

u_0
0.667

E_{min} / E_{max}
0.405

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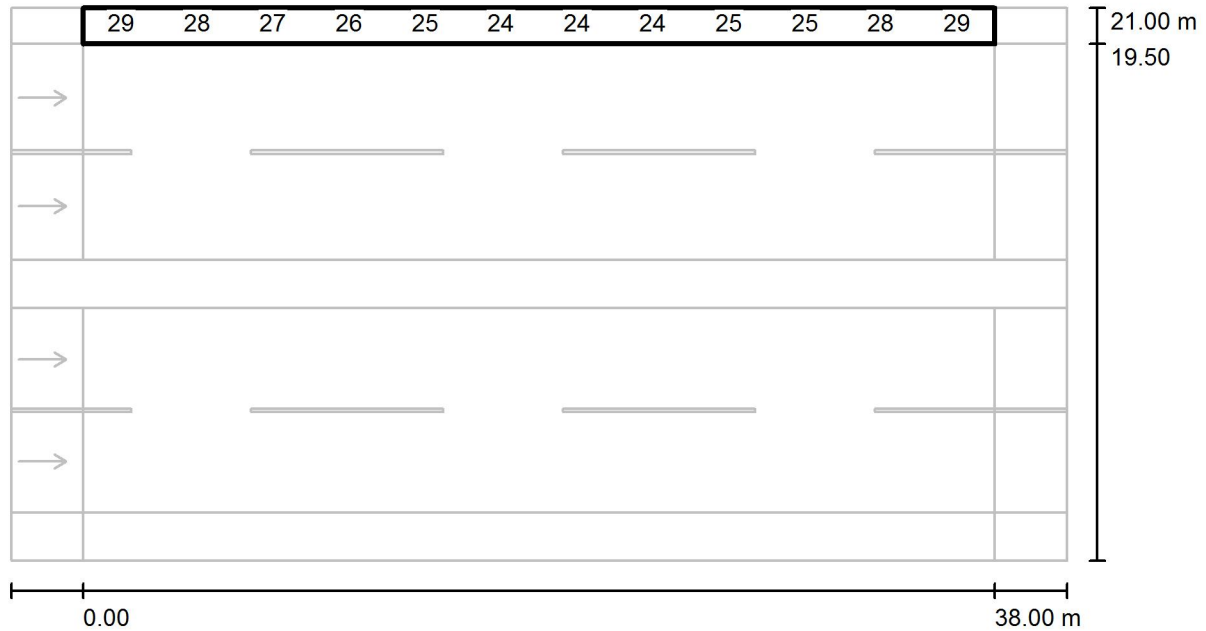
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TYPE-7 / FOOTPTAH / Value Chart (E)



Values in Lux, Scale 1 : 315

Not all calculated values could be displayed.

Grid: 12 x 3 Points

E_{av} [lx]
26

E_{min} [lx]
23

E_{max} [lx]
31

u_0
0.881

E_{min} / E_{max}
0.747