

Project Name: Any

Partner for Contact:
Order No.:
Company:
Customer No.:

Date: 24.07.2019
Operator: Sanjay Kumar Sharma

Halonix Technologies Private Limited
B-31, Phase-II, Noida
Gautam Budh Nagar-201305 (UP)

Operator Sanjay Kumar Sharma
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Road: 100% Light Output / Planning data



Light loss factor: 0.90, ULR (Upward Light Ratio): 1.5%

Scale 1:429

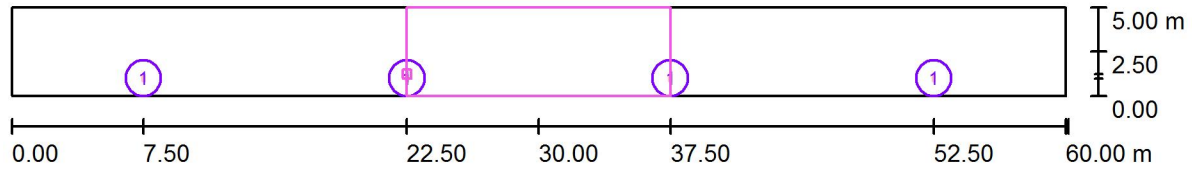
Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	4	HALONIX 12W LED Solar Street Light CWL (1.000)	1506	1506	12.0
Total:			6024	6024	48.0

Pole Distance: 15.000 m
Mounting Height: 4.500 m
Lux Measuring Height: 4.000 m
Overhang: 1.000 m
Boom Angle: 0 °
Boom Length: 1.000 m

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Road: 100% Light Output / Luminaires (layout plan)

Scale 1 : 429

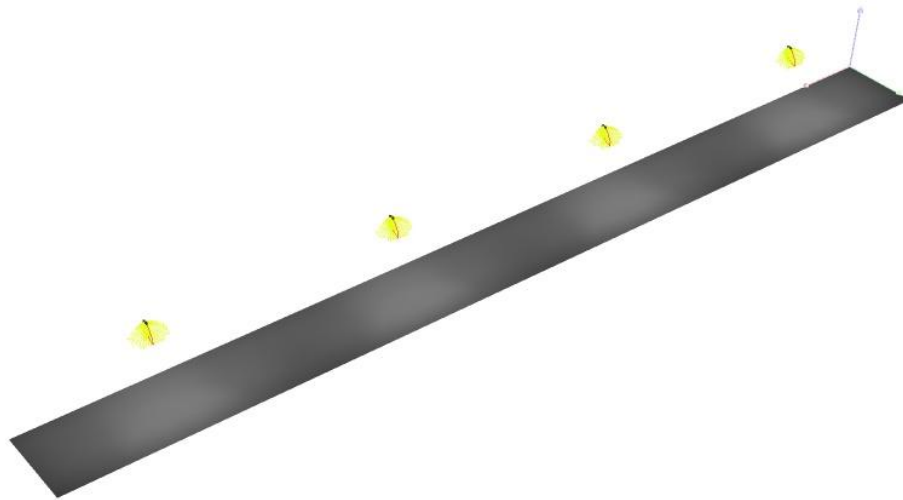
Luminaire Parts List

No.	Pieces	Designation
1	4	HALONIX 12W LED Solar Street Light CWL

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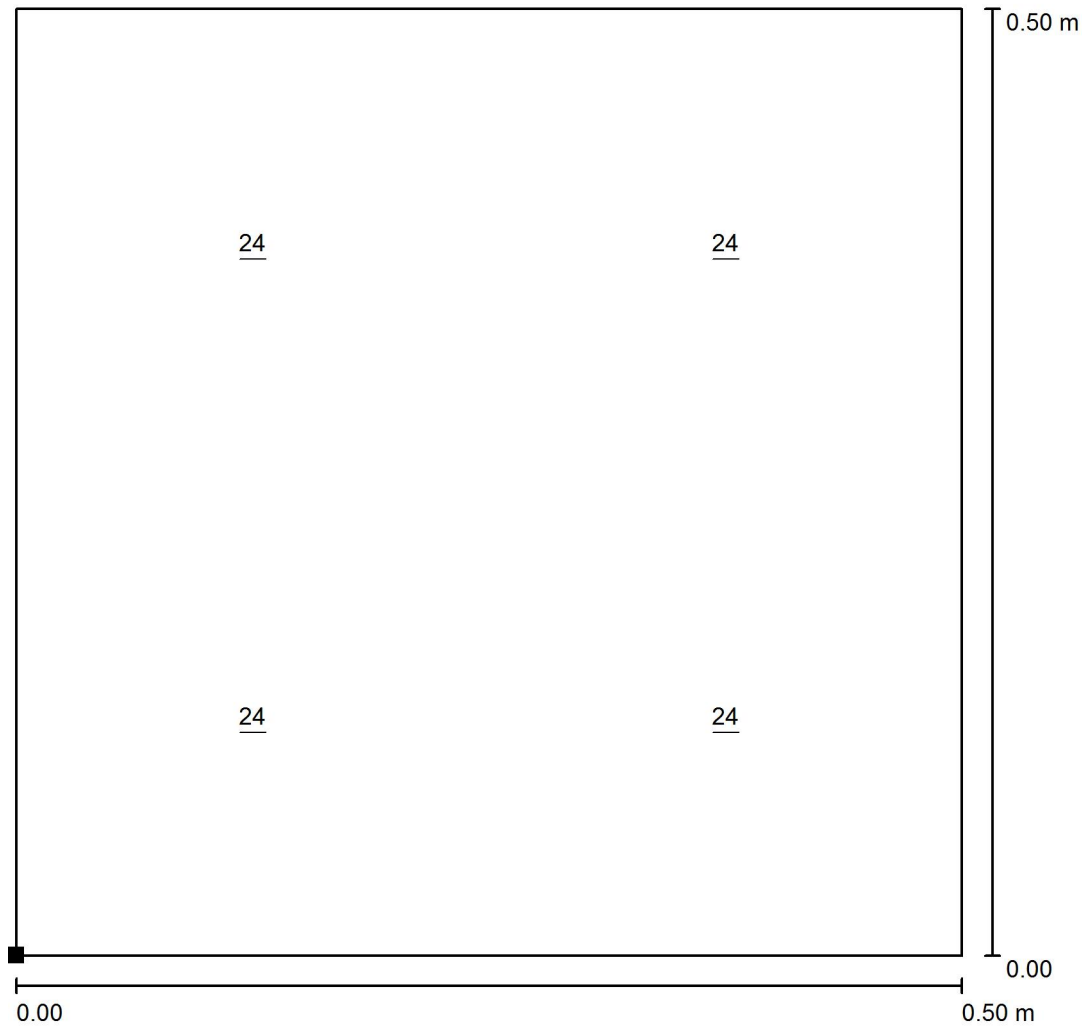
Road: 100% Light Output / 3D Rendering



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Road: 100% Light Output / Illumination Area Below Pole / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 4

Position of surface in external scene:
Marked point:
(22.250 m, 1.000 m, 0.500 m)



Grid: 2 x 2 Points

E_{av} [lx]
24

E_{min} [lx]
24

E_{max} [lx]
24

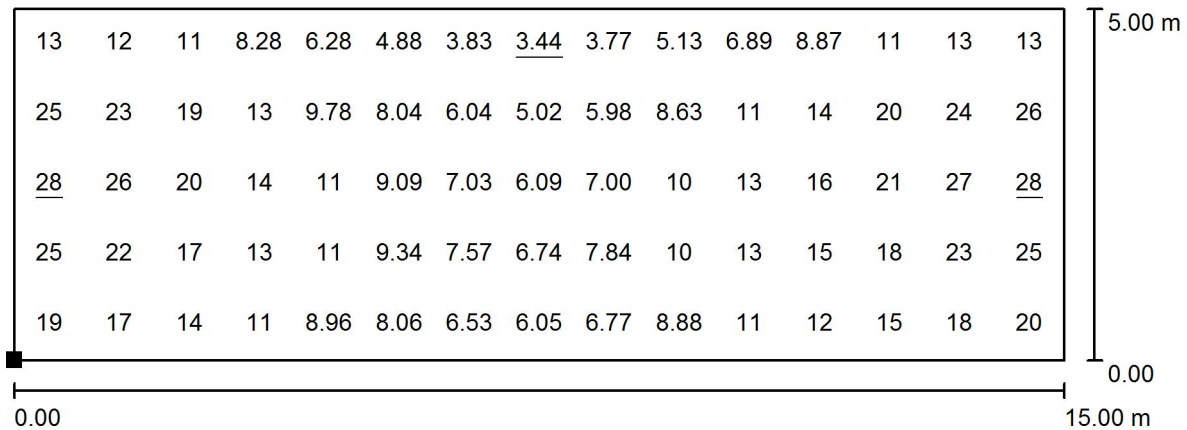
u_0
0.988

E_{min} / E_{max}
0.977

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Road: 100% Light Output / Illumination Area Between Pole / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 108

Position of surface in external scene:
Marked point:
(22.500 m, 0.000 m, 0.500 m)



Grid: 15 x 5 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}
13	3.44	28	0.260	0.122

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Road: 50% Light Output / Planning data



Light loss factor: 0.90, ULR (Upward Light Ratio): 1.5%

Scale 1:429

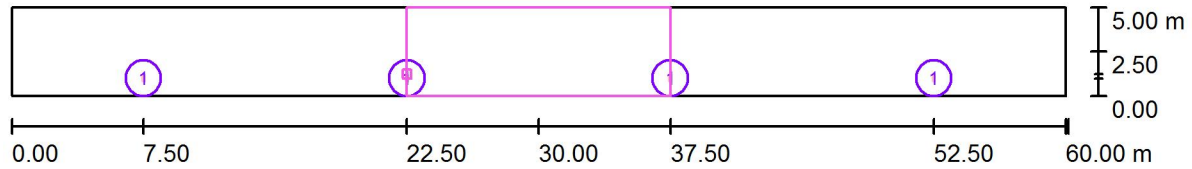
Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	4	HALONIX 12W LED Solar Street Light CWL (1.000)	753	753	6.0
Total:			3012	3012	24.0

Pole Distance: 15.000 m
Mounting Height: 4.500 m
Lux Measuring Height: 4.000 m
Overhang: 1.000 m
Boom Angle: 0 °
Boom Length: 1.000 m

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Road: 50% Light Output / Luminaires (layout plan)

Scale 1 : 429

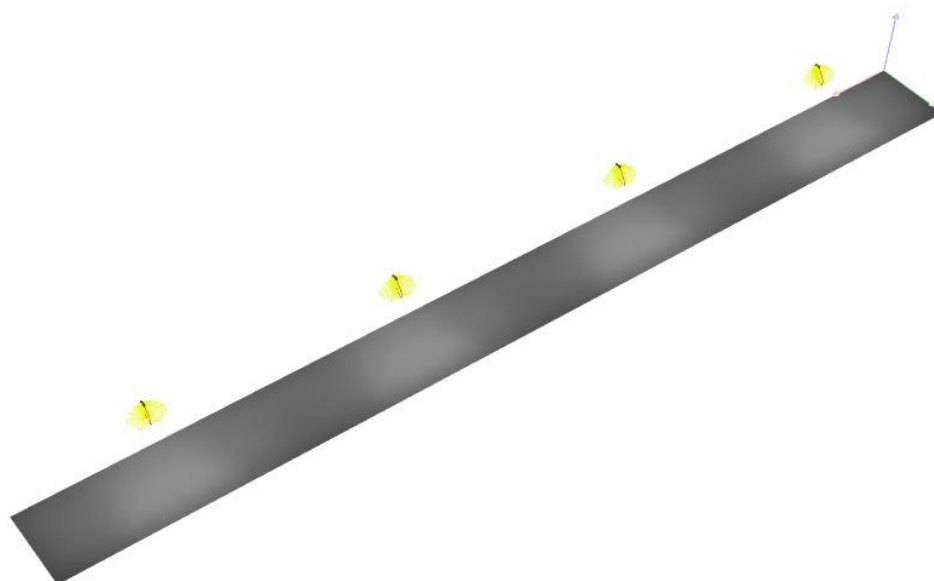
Luminaire Parts List

No.	Pieces	Designation
1	4	HALONIX 12W LED Solar Street Light CWL

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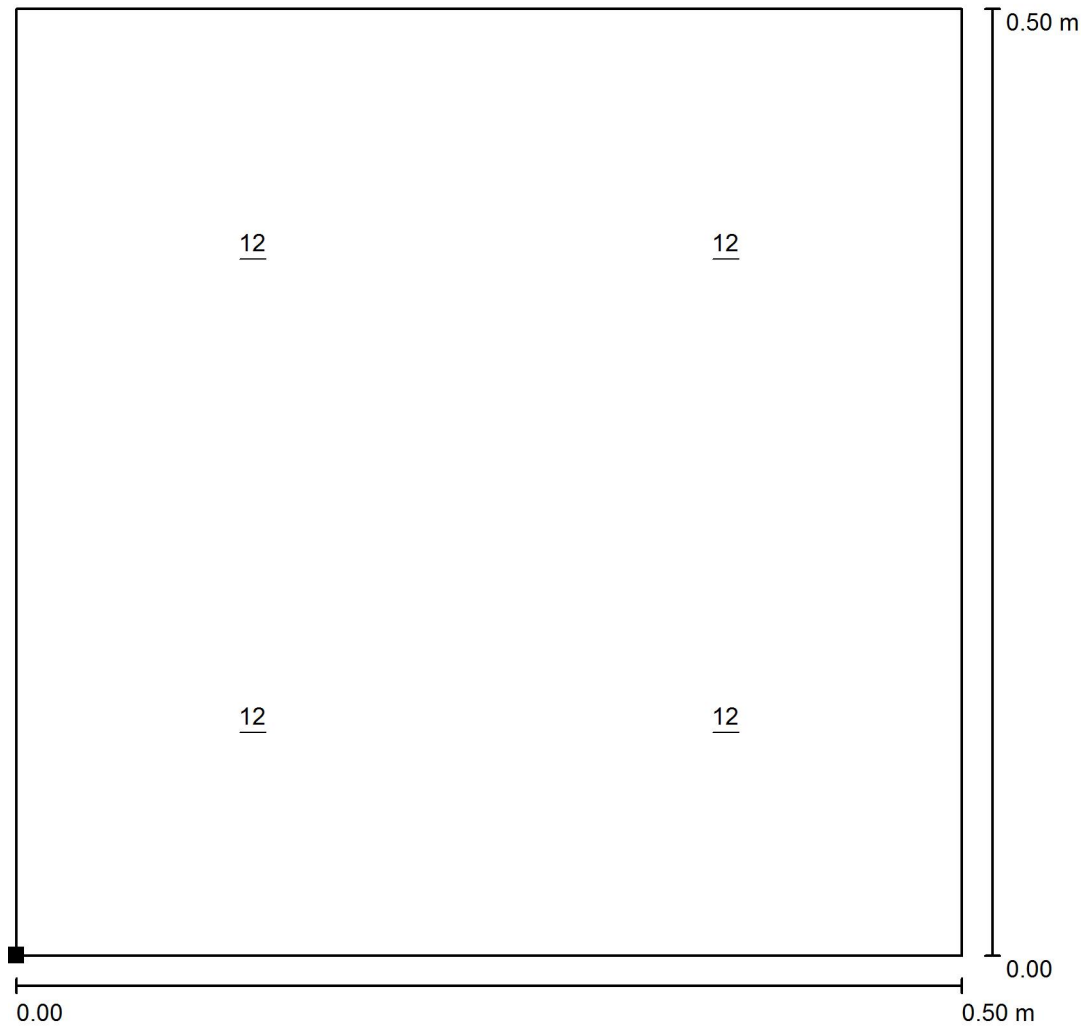
Road: 50% Light Output / 3D Rendering



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Road: 50% Light Output / Illumination Area Below Pole / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 4

Position of surface in external scene:
Marked point:
(22.250 m, 1.000 m, 0.500 m)



Grid: 2 x 2 Points

E_{av} [lx]
12

E_{min} [lx]
12

E_{max} [lx]
12

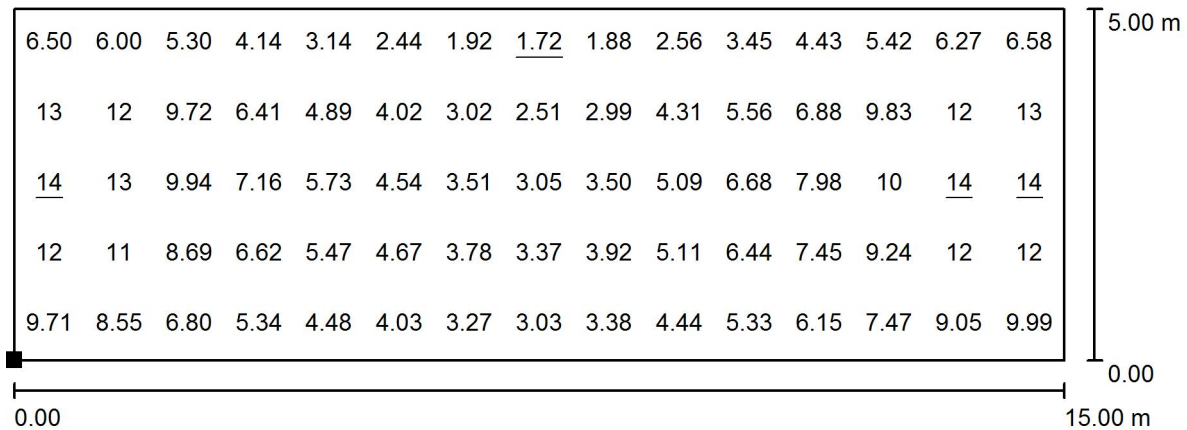
u_0
0.988

E_{min} / E_{max}
0.977

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Road: 50% Light Output / Illumination Area Between Pole / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 108

Position of surface in external scene:
Marked point:
(22.500 m, 0.000 m, 0.500 m)



Grid: 15 x 5 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	$u0$	E_{min} / E_{max}
6.62	1.72	14	0.260	0.122