

Billboard 30X10

Date: 28.10.2021
Operator:



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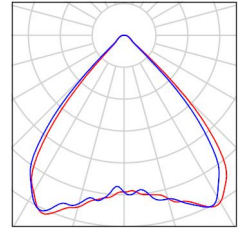


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Billboard 30X10 / Luminaire parts list

6 Pieces MIC OPTOELECTRONIC CO.,LTD MFL-G480
Led flood light 90 degree beam angle
Article No.: MFL-G480
Luminous flux (Luminaire): 70781 lm
Luminous flux (Lamps): 70782 lm
Luminaire Wattage: 478.1 W
Luminaire classification according to CIE: 100
CIE flux code: 83 96 99 100 100
Fitting: 1 x 3030 (Correction Factor 1.000).

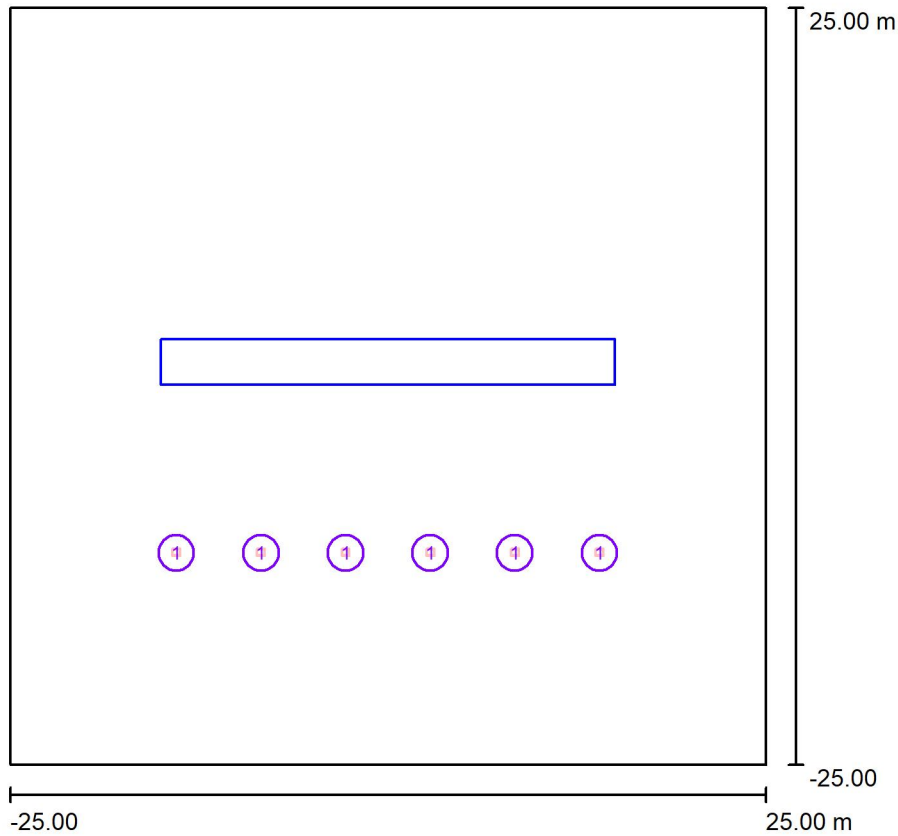
See our luminaire
catalog for an image of
the luminaire.





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Billboard 30X10 / Planning data



Light loss factor: 0.80, ULR (Upward Light Ratio): 60.0%

Scale 1:500

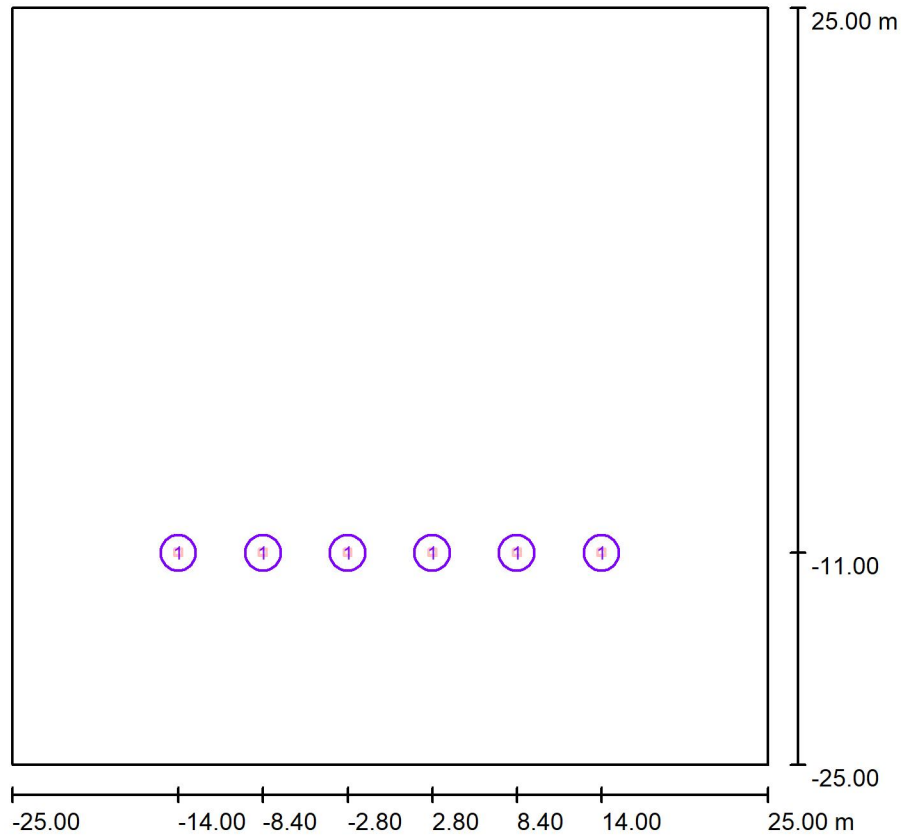
Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	6	MIC OPTOELECTRONIC CO.,LTD MFL-G480 Led flood light 90 degree beam angle (1.000)	70781	70782	478.1
Total:			424687	Total: 424692	2868.6



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Billboard 30X10 / Luminaires (layout plan)



Scale 1 : 500

Luminaire Parts List

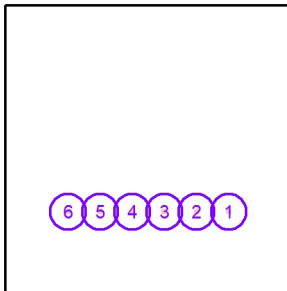
No.	Pieces	Designation
1	6	MIC OPTOELECTRONIC CO.,LTD MFL-G480 Led flood light 90 degree beam angle



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Billboard 30X10 / Luminaires (coordinates list)

MIC OPTOELECTRONIC CO.,LTD MFL-G480 Led flood light 90 degree beam angle
 70781 lm, 478.1 W, 1 x 1 x 3030 (Correction Factor 1.000).

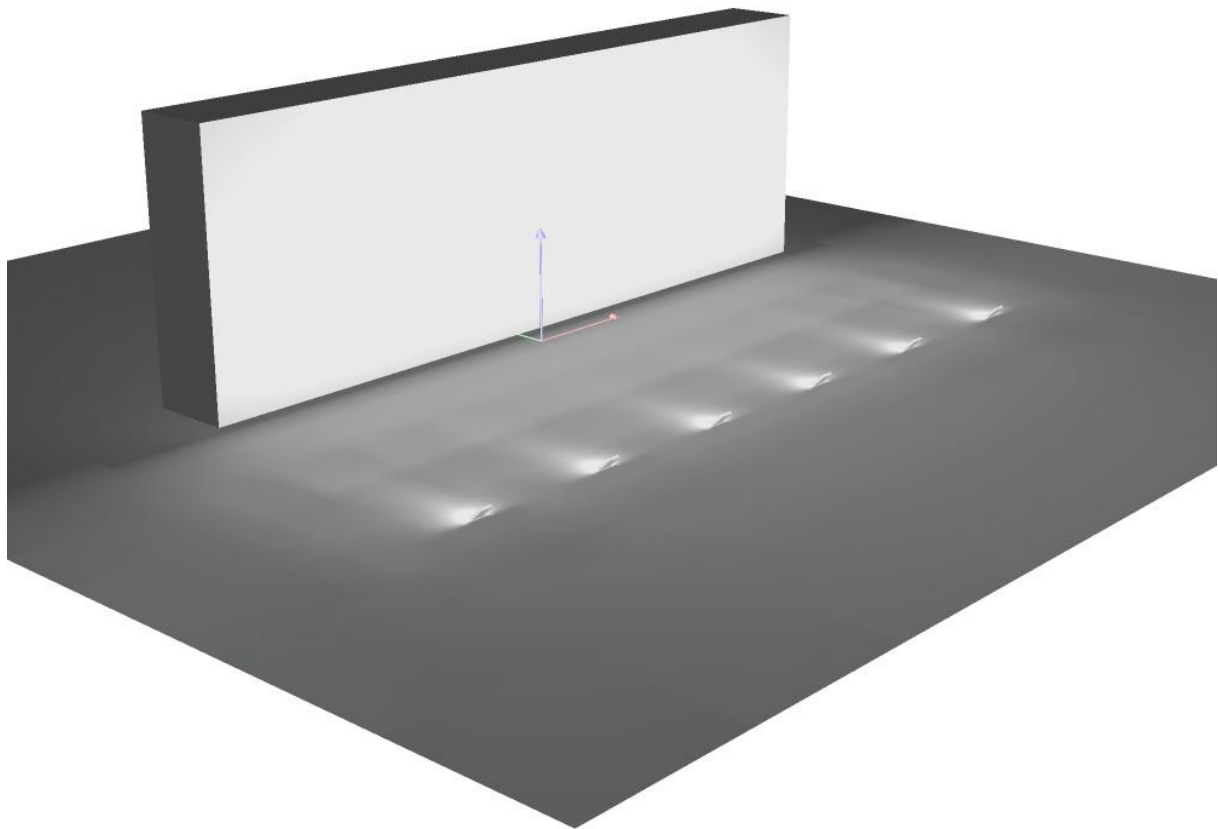


No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	14.000	-11.000	0.200	0.0	135.0	-90.0
2	8.400	-11.000	0.200	0.0	135.0	-90.0
3	2.800	-11.000	0.200	0.0	135.0	-90.0
4	-2.800	-11.000	0.200	0.0	135.0	-90.0
5	-8.400	-11.000	0.200	0.0	135.0	-90.0
6	-14.000	-11.000	0.200	0.0	135.0	-90.0



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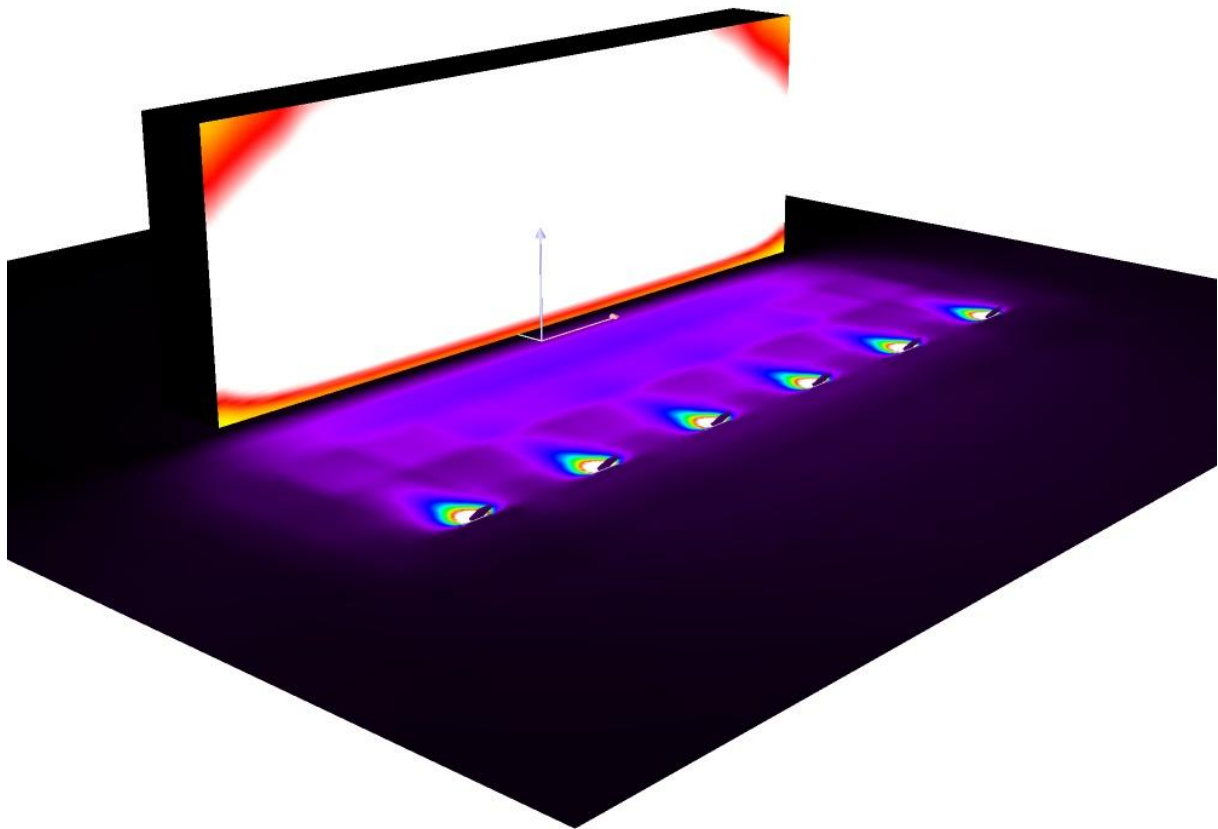
Billboard 30X10 / 3D Rendering





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Billboard 30X10 / False Color Rendering

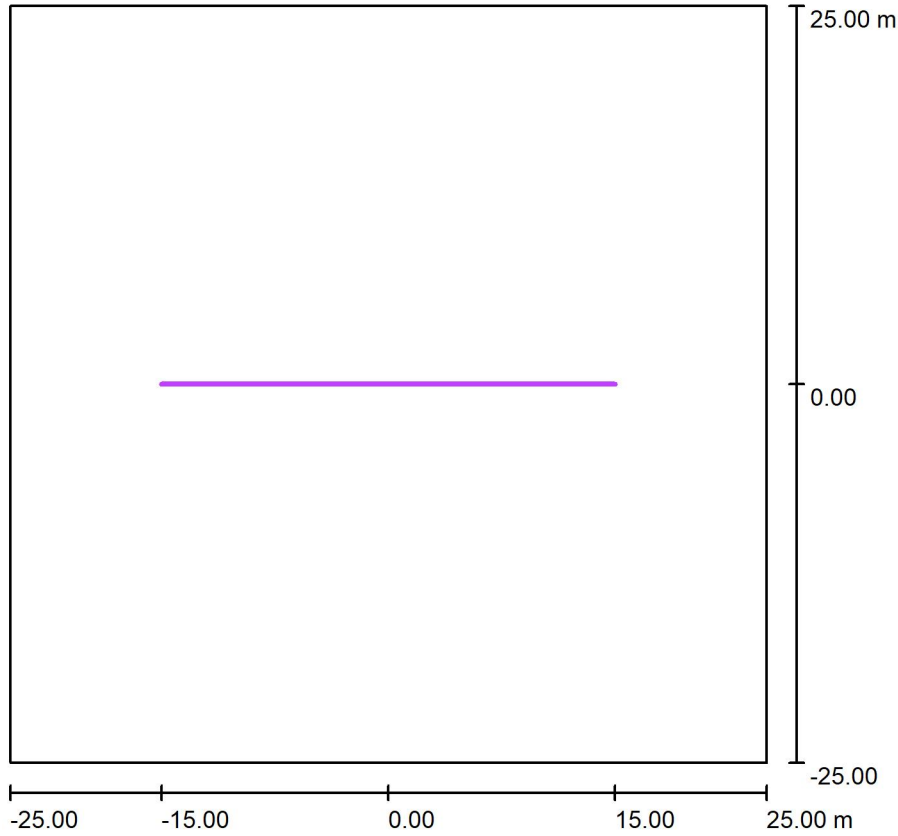


0 37.50 75 112.50 150 187.50 225 262.50 300 lx



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Billboard 30X10 / Billboard 30X10 / Summary



Scale 1 : 500

Position: (0.000 m, 0.000 m, 5.500 m)
 Size: (30.000 m, 10.000 m)
 Rotation: (90.0°, 0.0°, 0.0°)
 Type: Normal, Grid: 13 x 5 Points

Results overview

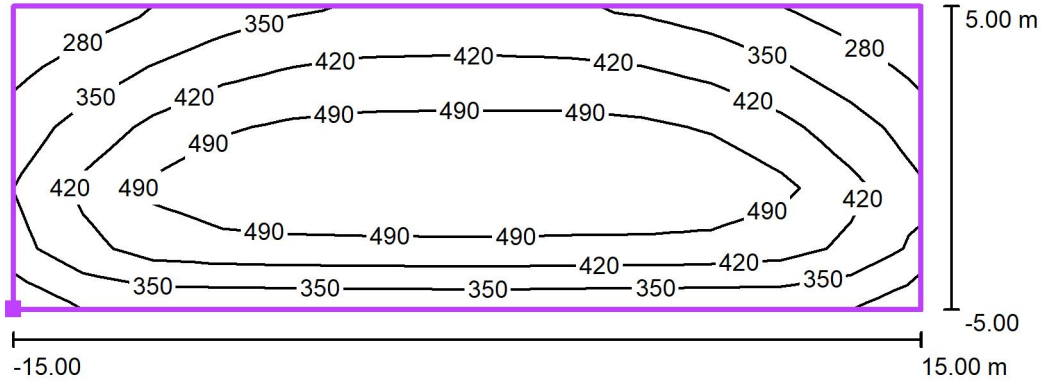
No.	Type	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}	$E_{h\ m} / E_m$	H [m]	Camera
1	perpendicular	432	254	568	0.59	0.45	/	0.000	/

$E_{h\ m} / E_m$ = Relationship between middle horizontal and vertical illuminance, H = Measuring Height



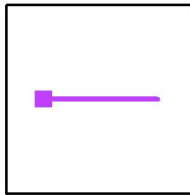
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Billboard 30X10 / Billboard 30X10 / Isolines (E, Perpendicular)



Values in Lux, Scale 1 : 250

Position of surface in external scene:
 Marked point: (-15.000 m, 0.000 m, 0.500 m)



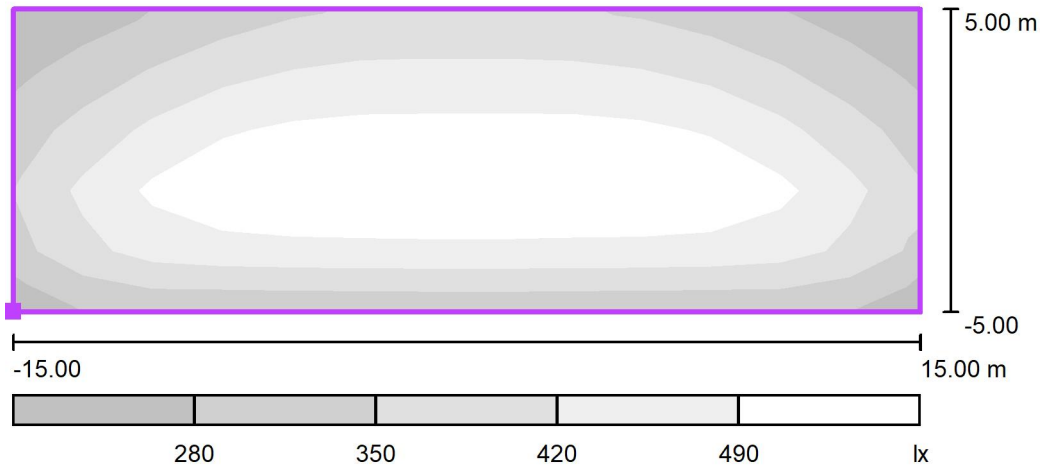
Grid: 13 x 5 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
432	254	568	0.59	0.45



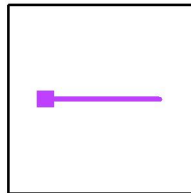
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Billboard 30X10 / Billboard 30X10 / Greyscale (E, Perpendicular)



Scale 1 : 250

Position of surface in external scene:
Marked point: (-15.000 m, 0.000 m, 0.500 m)



Grid: 13 x 5 Points

E_{av} [lx]
432

E_{min} [lx]
254

E_{max} [lx]
568

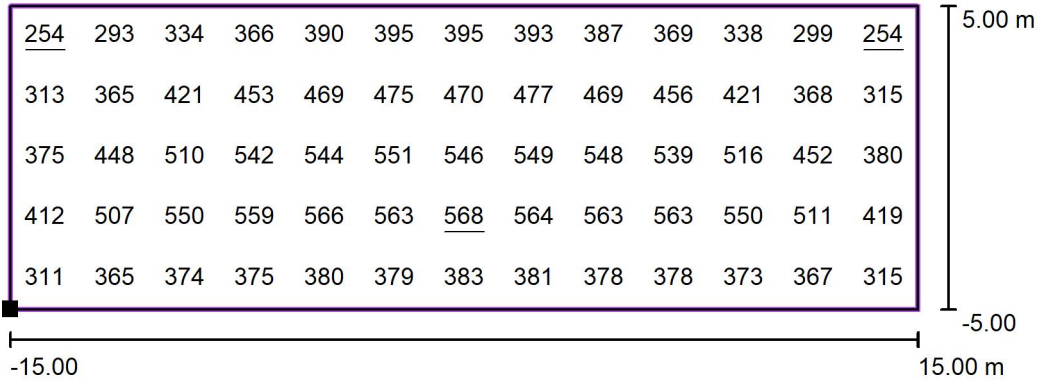
u_0
0.59

E_{min} / E_{max}
0.45



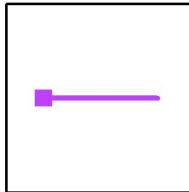
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Billboard 30X10 / Billboard 30X10 / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 250

Position of surface in external scene:
Marked point: (-15.000 m, 0.000 m, 0.500 m)



Grid: 13 x 5 Points

E_{av} [lx]
432

E_{min} [lx]
254

E_{max} [lx]
568

u_0
0.59

E_{min} / E_{max}
0.45