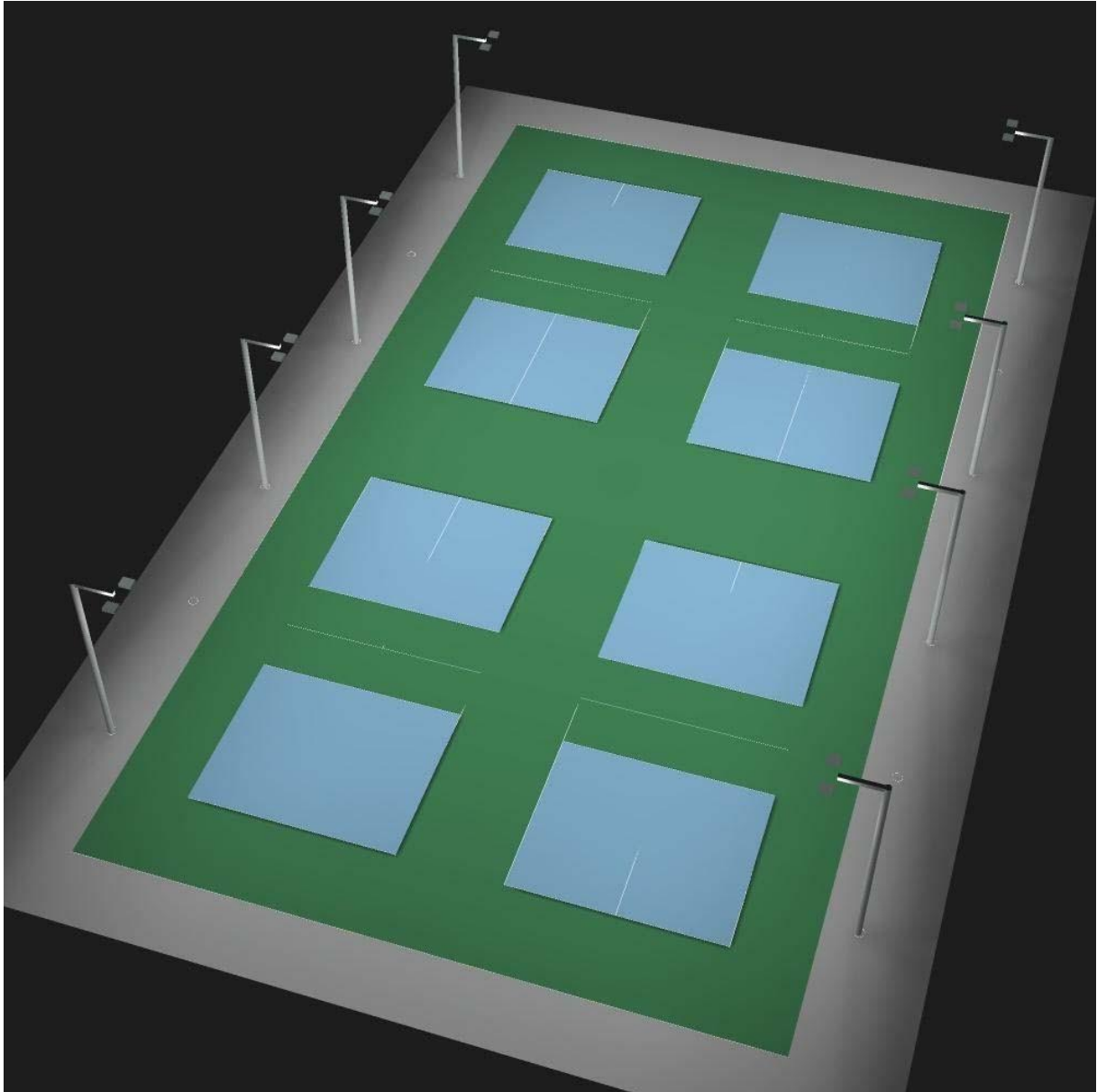


## Pickleball Court Lighting - 4 Courts, 8 Poles, 16 Luminaires



The simulation and result is based on an ideal environment, the actual lighting performance may be affected by actual environment. The lighting simulation is for reference only.:



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## Pickleball Court lighting ZM-2018-000628 / Luminaire parts list

16 Pieces AF72XFLB240-T4M1 240W Backlight  
shielding

Article No.:

Luminous flux (Luminaire): 25544 lm

Luminous flux (Lamps): 25777 lm

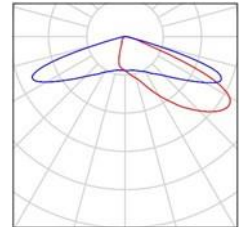
Luminaire Wattage: 232.9 W

Luminaire classification according to CIE: 100

CIE flux code: 24 61 95 100 99

Fitting: 1 x NICHIA 3535 5000K D340 (Correction  
Factor 1.000).

See our luminaire  
catalog for an image of  
the luminaire.

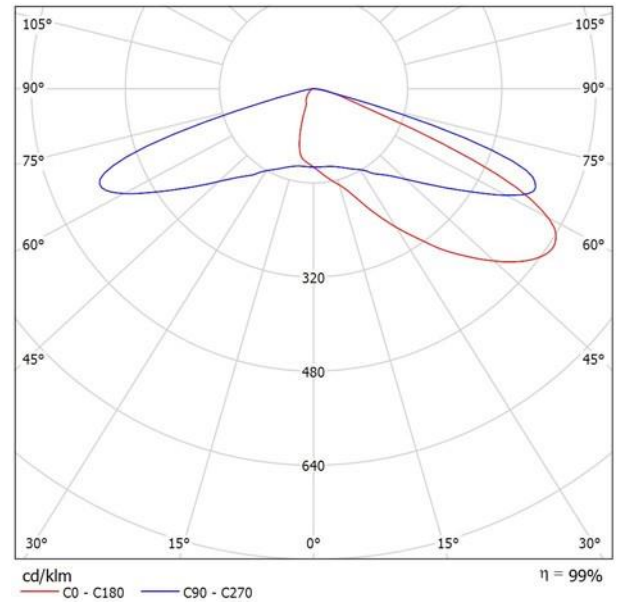




## AF72XFLB240-T4M1 240W Backlight shielding / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

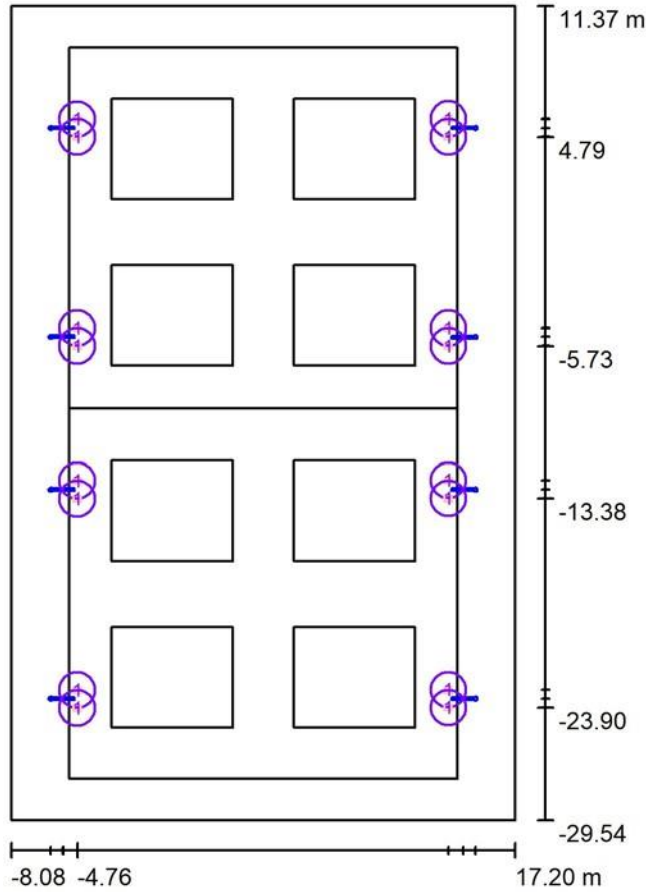
Luminous emittance 1:



Luminaire classification according to CIE: 100  
CIE flux code: 24 61 95 100 99

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

**Exterior Scene 1 / Planning data**



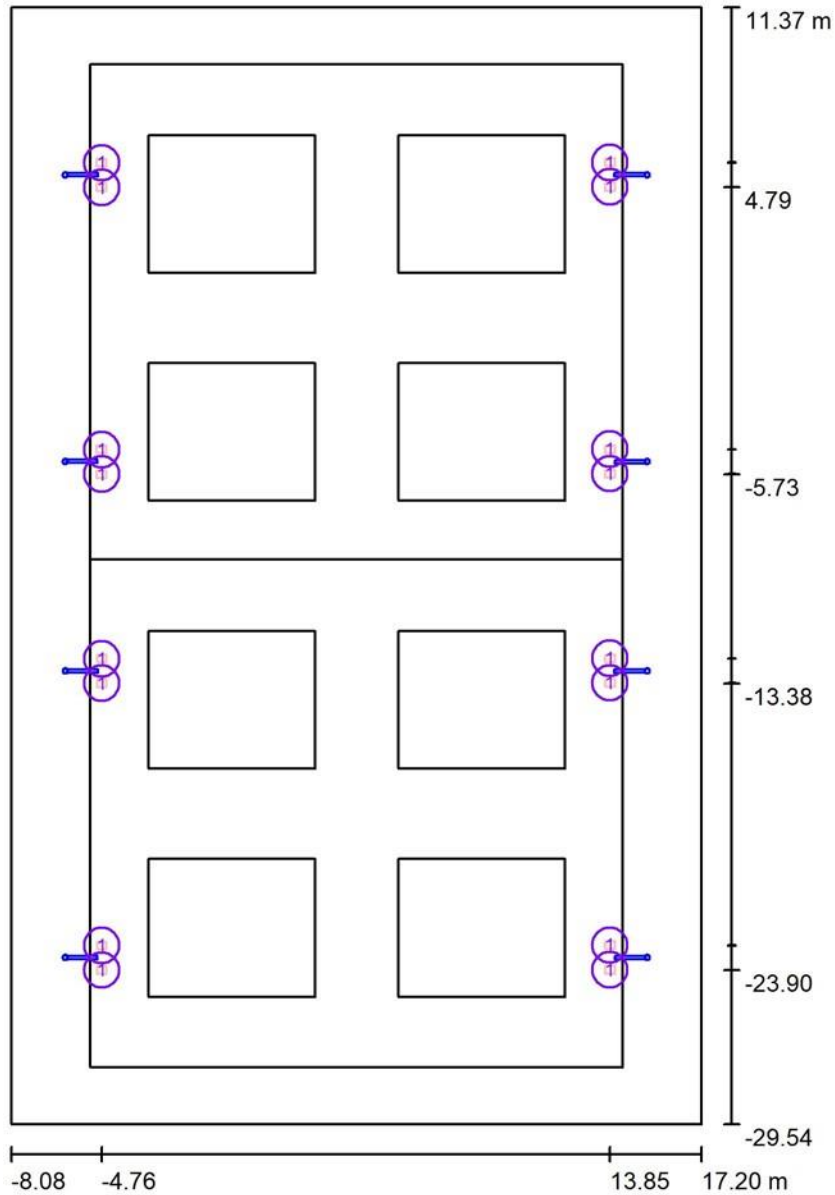
Light loss factor: 0.80, ULR (Upward Light Ratio): 0.0%

Scale 1:380

**Luminaire Parts List**

No.	Pieces	Designation (Correction Factor)	(Luminaire) [lm]	(Lamps) [lm]	P [W]
1	16	AF72XFLB240-T4M1 240W Backlight shielding (1.000)	25544	25777	232.9
Total:			408708	Total: 412432	3726.4

**Exterior Scene 1 / Luminaires (layout plan)**



Scale 1 : 277

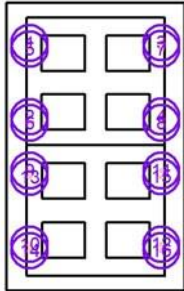
**Luminaire Parts List**

No.	Pieces	Designation
1	16	AF72XFLB240-T4M1 240W Backlight shielding

### Exterior Scene 1 / Luminaires (coordinates list)

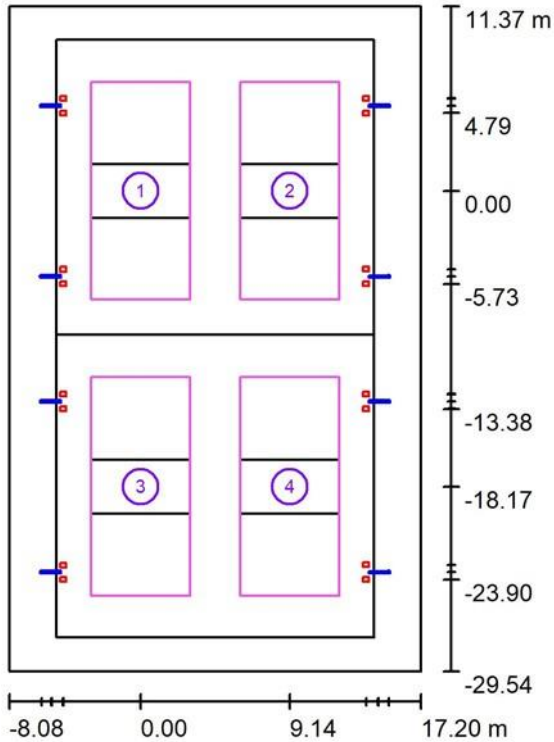
#### AF72XFLB240-T4M1 240W Backlight shielding

25544 lm, 232.9 W, 1 x 1 x NICHIA 3535 5000K D340 (Correction Factor 1.000).



No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	-4.763	5.688	6.096	0.0	0.0	0.0
2	-4.763	-4.831	6.096	0.0	0.0	0.0
3	13.845	5.701	6.096	0.0	0.0	180.0
4	13.845	-4.818	6.096	0.0	0.0	180.0
5	-4.763	4.788	6.096	0.0	0.0	0.0
6	-4.763	-5.731	6.096	0.0	0.0	0.0
7	13.845	4.801	6.096	0.0	0.0	180.0
8	13.845	-5.718	6.096	0.0	0.0	180.0
9	-4.762	-12.478	6.096	0.0	0.0	0.0
10	-4.762	-22.997	6.096	0.0	0.0	0.0
11	13.847	-12.465	6.096	0.0	0.0	180.0
12	13.847	-22.984	6.096	0.0	0.0	180.0
13	-4.762	-13.378	6.096	0.0	0.0	0.0
14	-4.762	-23.897	6.096	0.0	0.0	0.0
15	13.847	-13.365	6.096	0.0	0.0	180.0
16	13.847	-23.884	6.096	0.0	0.0	180.0

**Exterior Scene 1 / Calculation surfaces (results overview)**



Scale 1 : 466

**Calculation Surface List**

No.	Designation	Type	Grid	$E_{av}$ [fc]	$E_{min}$ [fc]	$E_{max}$ [fc]	u0	$E_{min} / E_{max}$
1	Calculation Surface 1	perpendicular	5 x 11	34	24	44	0.705	0.554
2	Calculation Surface 1	perpendicular	5 x 11	34	24	44	0.700	0.548
3	Calculation Surface 1	perpendicular	5 x 11	34	24	44	0.701	0.548
4	Calculation Surface 1	perpendicular	5 x 11	34	24	44	0.707	0.557

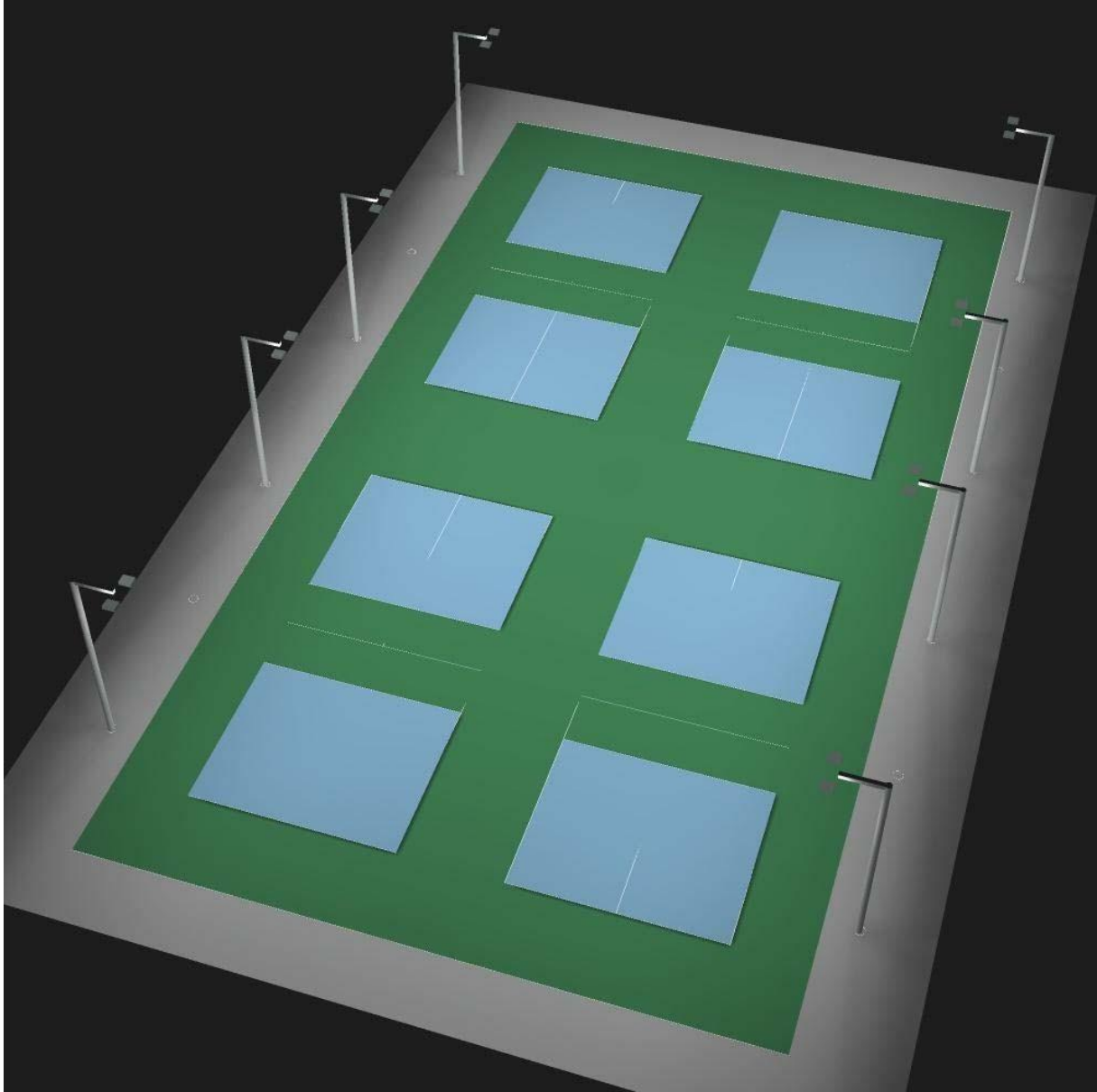
**Summary of Results**

Type	Quantity	Average [fc]	Min [fc]	Max [fc]	u0	$E_{min} / E_{max}$
perpendicular	4	34	24	44	0.70	0.55



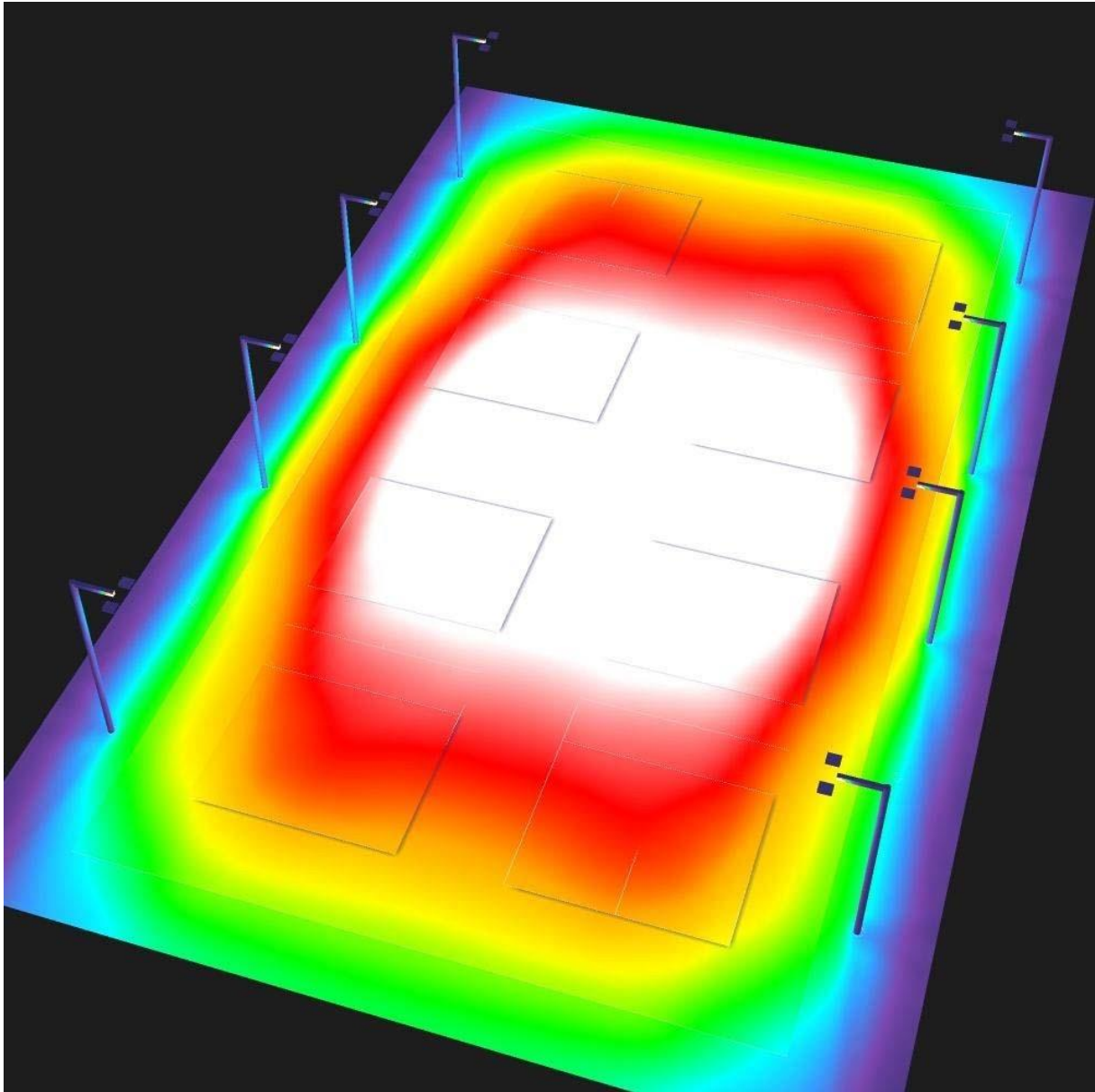


**Exterior Scene 1 / 3D Rendering**



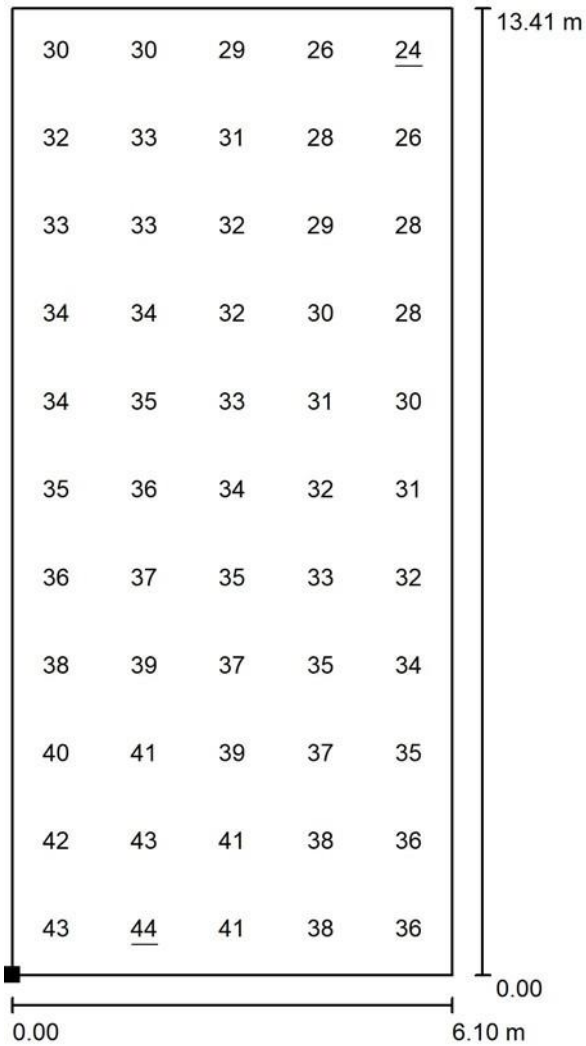


**Exterior Scene 1 / False Color Rendering**



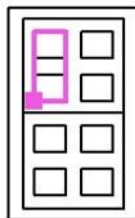
0    4.38    8.75    13.13    17.50    21.88    26.25    30.63    35.00    fc

**Exterior Scene 1 / Calculation Surface 1 / Value Chart (E, Perpendicular)**



Values in Footcandles, Scale 1 : 105

Position of surface in external scene:  
Marked point:  
(-3.048 m, -6.706 m, 0.914 m)



Grid: 5 x 11 Points

$E_{av}$  [fc]  
34

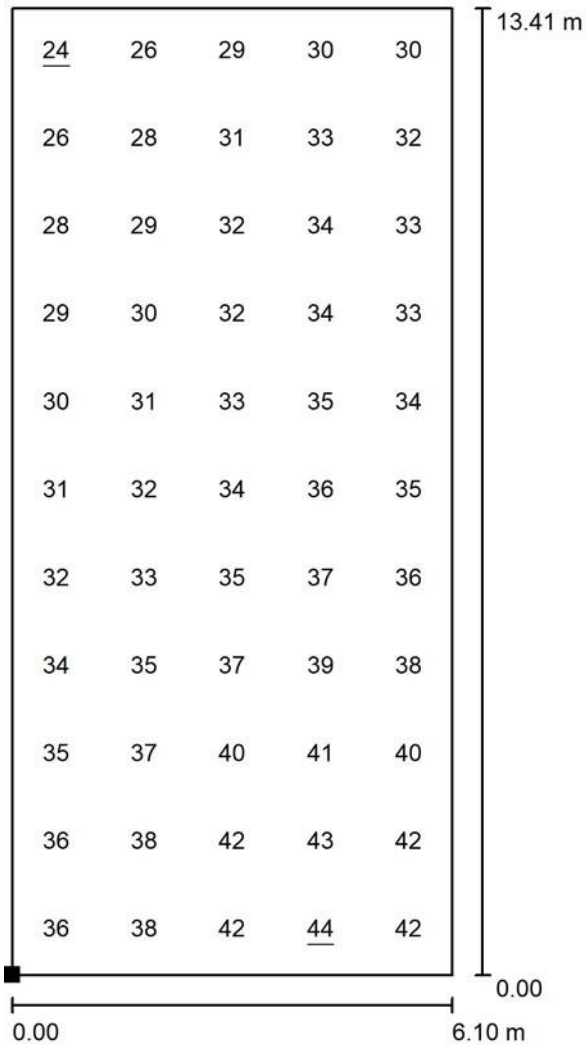
$E_{min}$  [fc]  
24

$E_{max}$  [fc]  
44

u0  
0.705

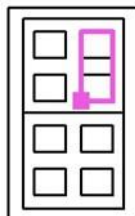
$E_{min} / E_{max}$   
0.554

**Exterior Scene 1 / Calculation Surface 1 / Value Chart (E, Perpendicular)**



Values in Footcandles, Scale 1 : 105

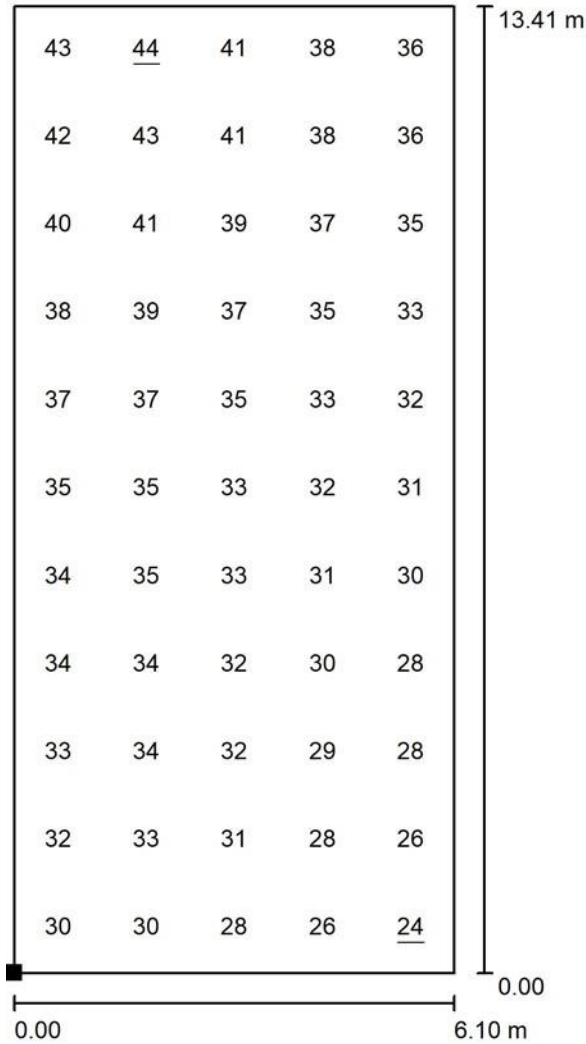
Position of surface in external scene:  
Marked point:  
(6.096 m, -6.706 m, 0.914 m)



Grid: 5 x 11 Points

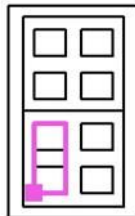
$E_{av}$ [fc]	$E_{min}$ [fc]	$E_{max}$ [fc]	u0	$E_{min} / E_{max}$
34	24	44	0.700	0.548

**Exterior Scene 1 / Calculation Surface 1 / Value Chart (E, Perpendicular)**



Values in Footcandles, Scale 1 : 105

Position of surface in external scene:  
Marked point:  
(-3.047 m, -24.872 m, 0.914 m)



Grid: 5 x 11 Points

$E_{av}$  [fc]  
34

$E_{min}$  [fc]  
24

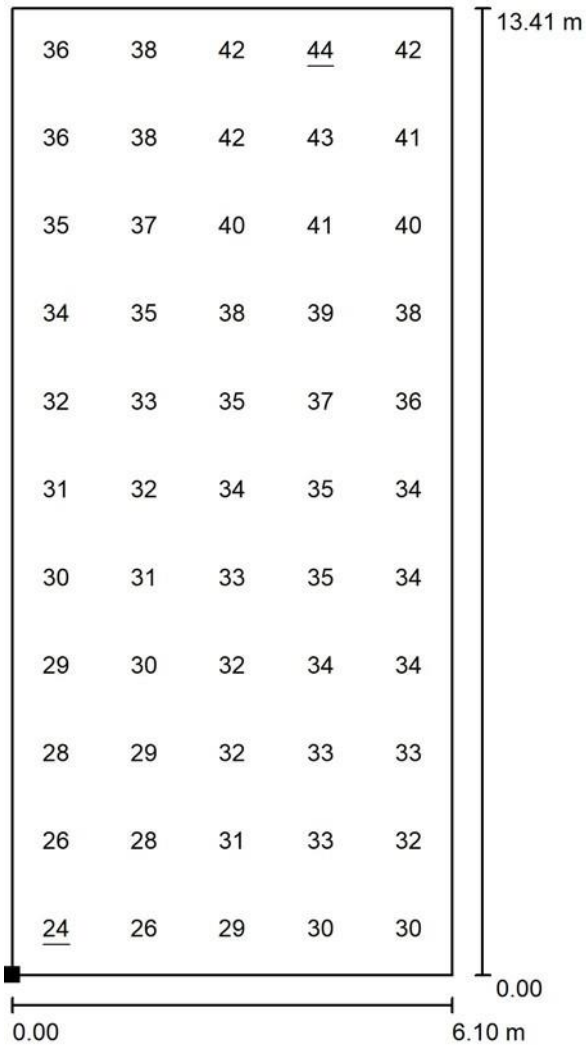
$E_{max}$  [fc]  
44

$u_0$   
0.701

$E_{min} / E_{max}$   
0.548

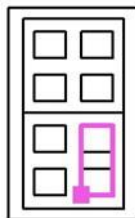


**Exterior Scene 1 / Calculation Surface 1 / Value Chart (E, Perpendicular)**



Values in Footcandles, Scale 1 : 105

Position of surface in external scene:  
Marked point:  
(6.097 m, -24.872 m, 0.914 m)



Grid: 5 x 11 Points

$E_{av}$  [fc]  
34

$E_{min}$  [fc]  
24

$E_{max}$  [fc]  
44

u0  
0.707

$E_{min} / E_{max}$   
0.557