

Pickleball Court lighting ZM-2018-000628

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 AF72XFLB200-T4M1 200W Backlight
shielding

Article No.:

Luminous flux (Luminaire): 21032 lm

Luminous flux (Lamps): 21219 lm

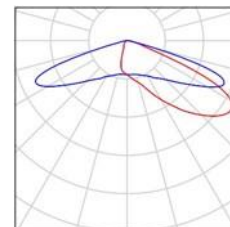
Luminaire Wattage: 194.3 W

Luminaire classification according to CIE: 100

CIE flux code: 24 61 95 100 99

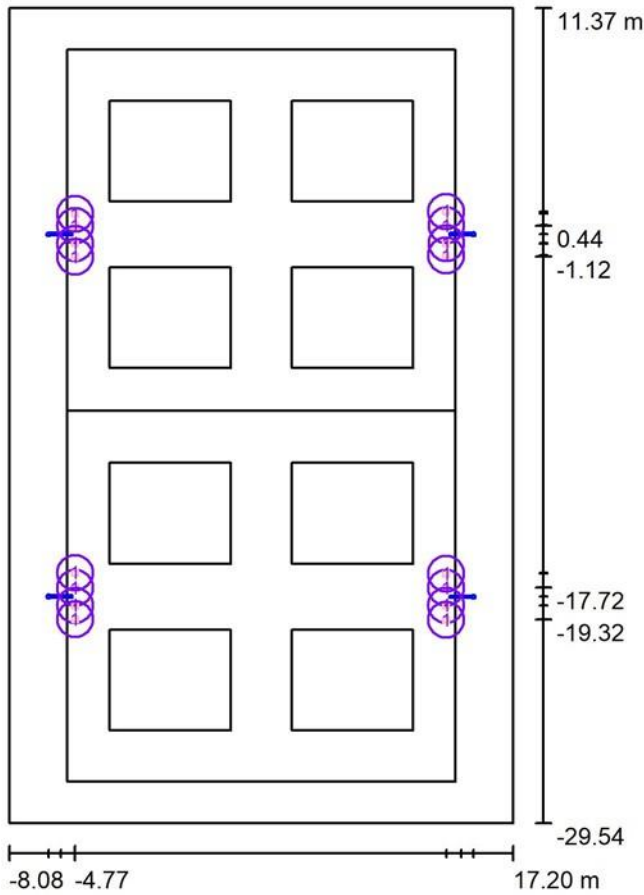
Fitting: 1 x NICHIA 3535 5000K D340 (Correction
Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.





Exterior Scene 1 / Planning data



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

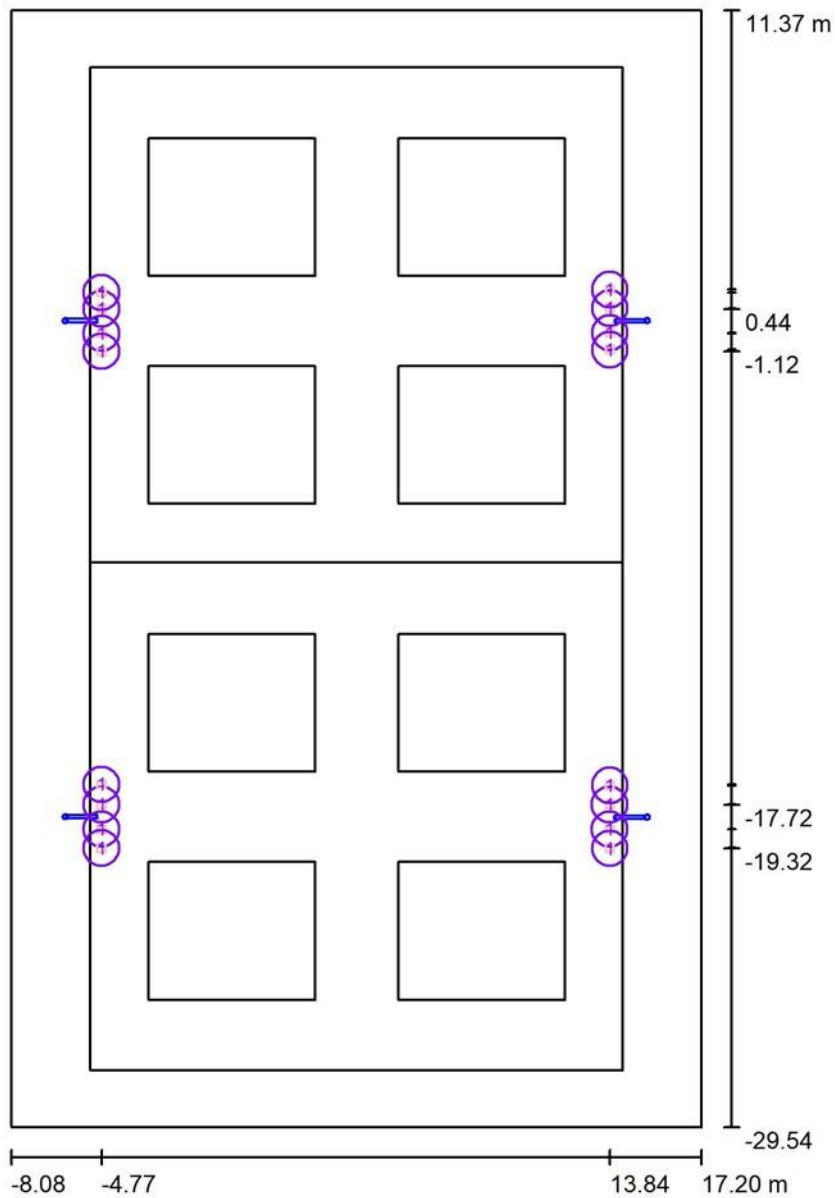
Scale 1:380

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	(Luminaire) [lm]	(Lamps) [lm]	P [W]
1	16	AF72XFLB200-T4M1 200W Backlight shielding (1.000)	21032	21219	194.3
Total:			336519	339504	3108.8



Exterior Scene 1 / Luminaires (layout plan)



Scale 1 : 277

Luminaire Parts List

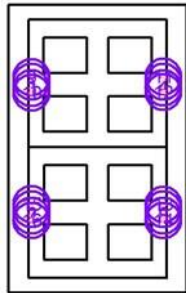
No.	Pieces	Designation
1	16	AF72XFLB200-T4M1 200W Backlight shielding



Exterior Scene 1 / Luminaires (coordinates list)

AF72XFLB200-T4M1 200W Backlight shielding

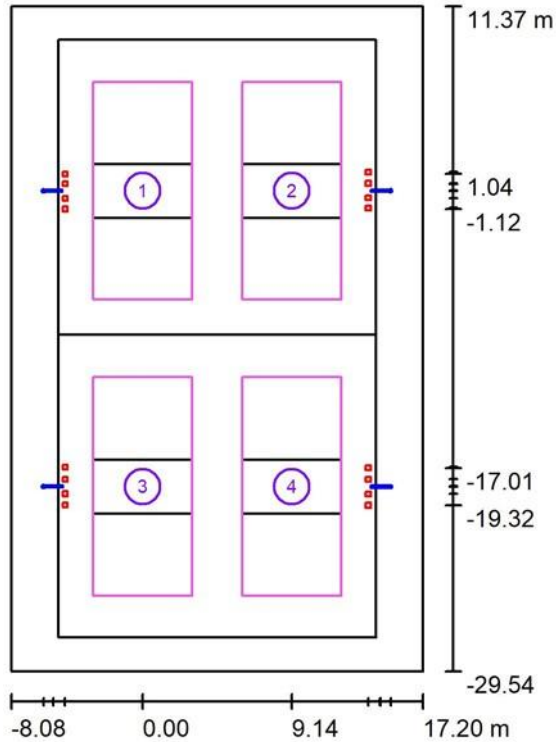
21032 lm, 194.3 W, 1 x 1 x NICHIA 3535 5000K D340 (Correction Factor 1.000).



No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	-4.767	0.441	6.096	0.0	0.0	0.0
2	13.845	0.462	6.096	0.0	0.0	180.0
3	-4.767	-0.459	6.096	0.0	0.0	0.0
4	13.845	-0.438	6.096	0.0	0.0	180.0
5	-4.768	-17.713	6.096	0.0	0.0	0.0
6	13.842	-17.716	6.096	0.0	0.0	180.0
7	-4.768	-18.613	6.096	0.0	0.0	0.0
8	13.842	-18.616	6.096	0.0	0.0	180.0
9	-4.770	1.040	6.096	0.0	0.0	0.0
10	-4.770	-1.116	6.096	0.0	0.0	0.0
11	13.844	1.153	6.096	0.0	0.0	180.0
12	13.844	-1.055	6.096	0.0	0.0	180.0
13	13.844	-17.012	6.096	0.0	0.0	180.0
14	13.844	-19.322	6.096	0.0	0.0	180.0
15	-4.770	-16.973	6.096	0.0	0.0	0.0
16	-4.770	-19.304	6.096	0.0	0.0	0.0



Exterior Scene 1 / Calculation surfaces (results overview)



Scale 1 : 466

Calculation Surface List

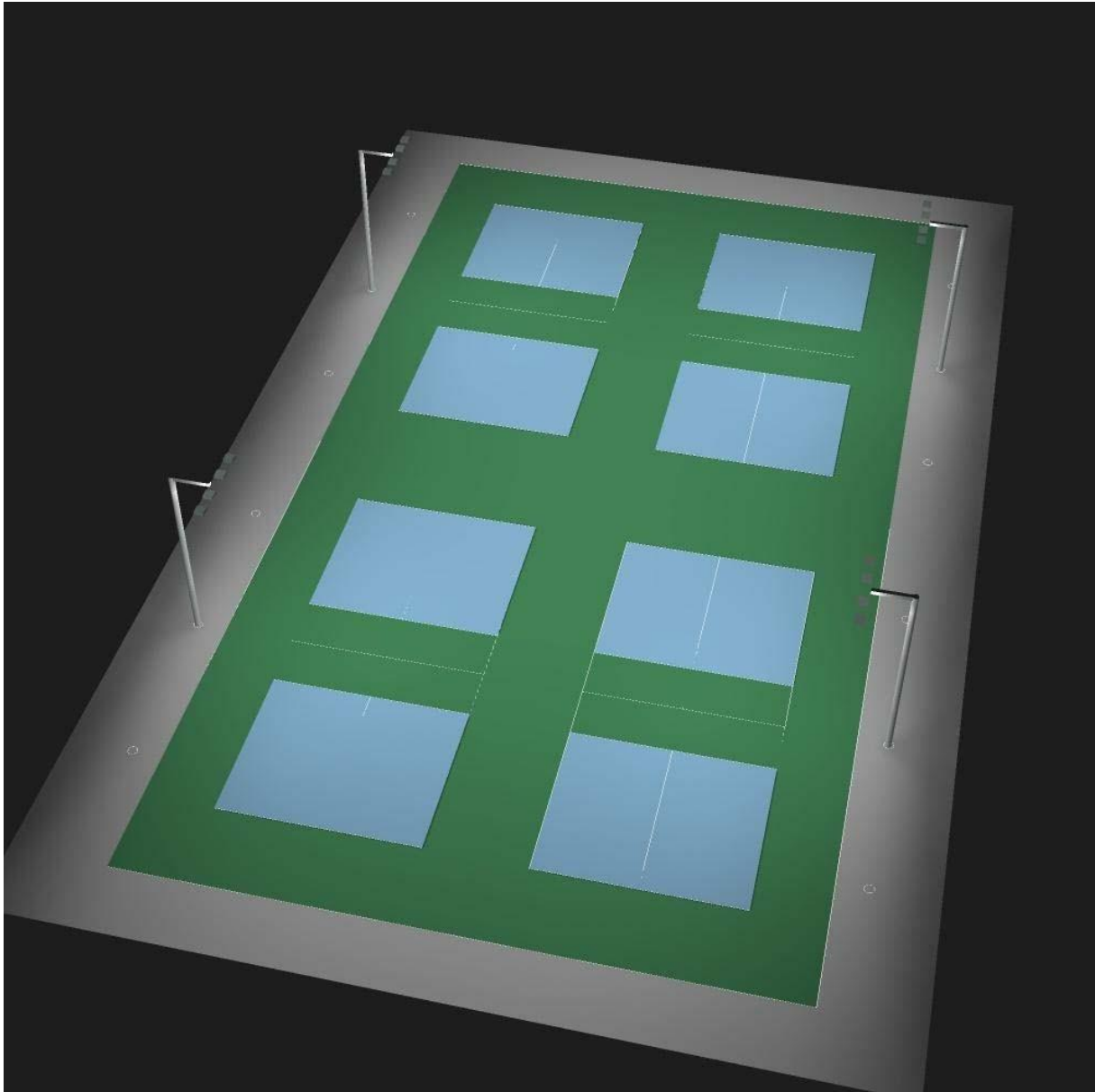
No.	Designation	Type	Grid	E_{av} [fc]	E_{min} [fc]	E_{max} [fc]	u0	E_{min} / E_{max}
1	Calculation Surface 1	perpendicular	5 x 11	31	20	41	0.639	0.486
2	Calculation Surface 1	perpendicular	5 x 11	31	20	41	0.645	0.491
3	Calculation Surface 1	perpendicular	5 x 11	31	20	41	0.645	0.494
4	Calculation Surface 1	perpendicular	5 x 11	31	20	41	0.639	0.491

Summary of Results

Type	Quantity	Average [fc]	Min [fc]	Max [fc]	u0	E_{min} / E_{max}
perpendicular	4	31	20	41	0.64	0.49

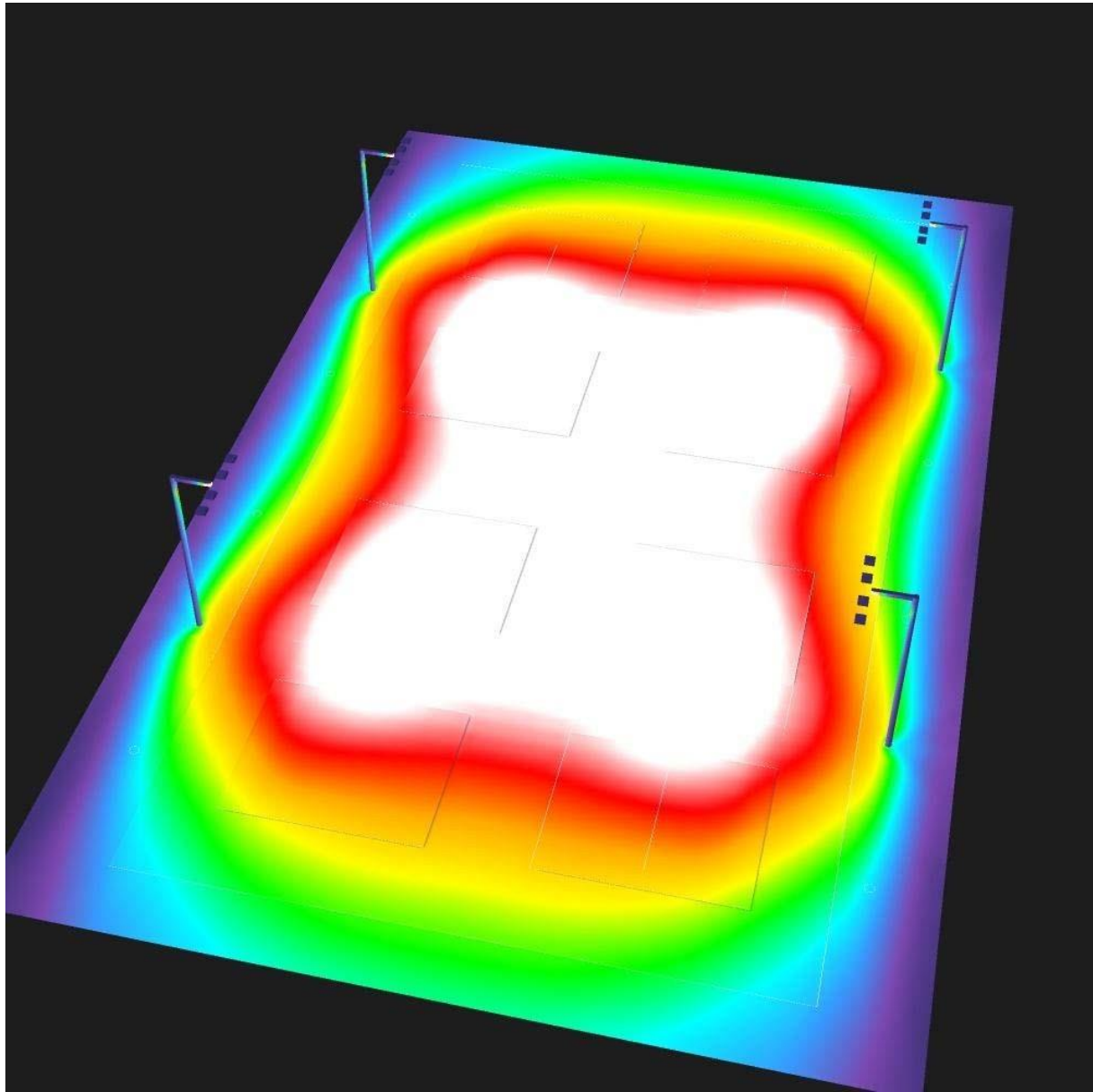


Exterior Scene 1 / 3D Rendering





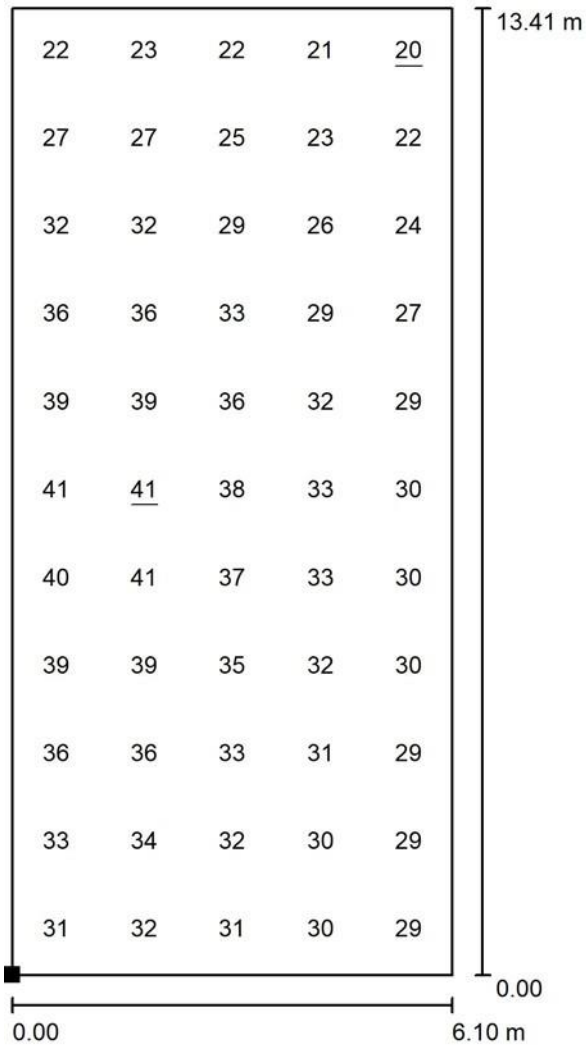
Exterior Scene 1 / False Color Rendering



0 3.75 7.50 11.25 15.00 18.75 22.50 26.25 30.00 fc

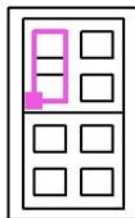


Exterior Scene 1 / Calculation Surface 1 / Value Chart (E, Perpendicular)



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]
31

E_{min} [fc]
20

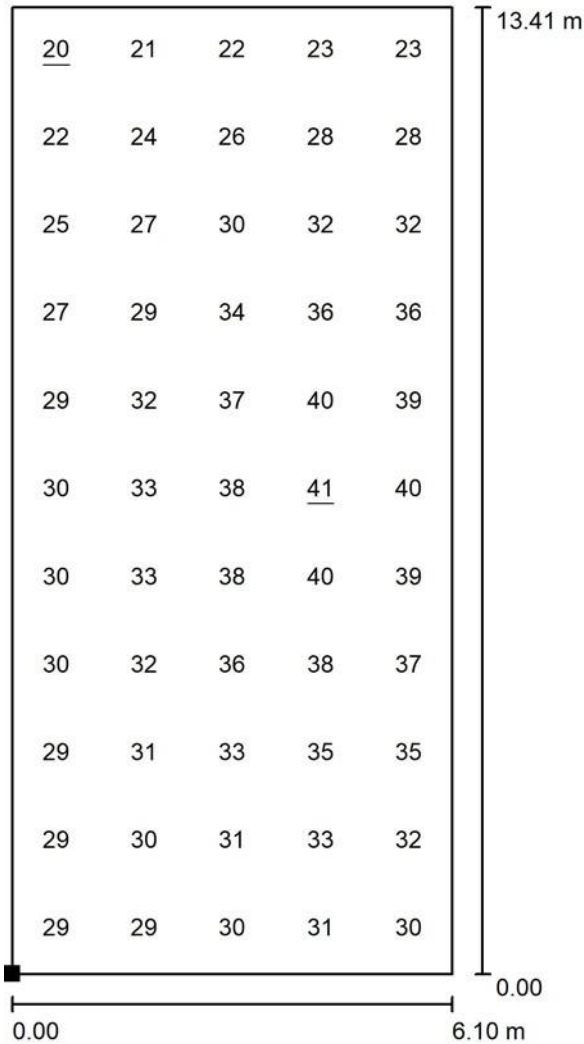
E_{max} [fc]
41

u0
0.639

E_{min} / E_{max}
0.486

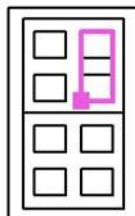


Exterior Scene 1 / Calculation Surface 1 / Value Chart (E, Perpendicular)



Values in Footcandles, Scale 1 : 105

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

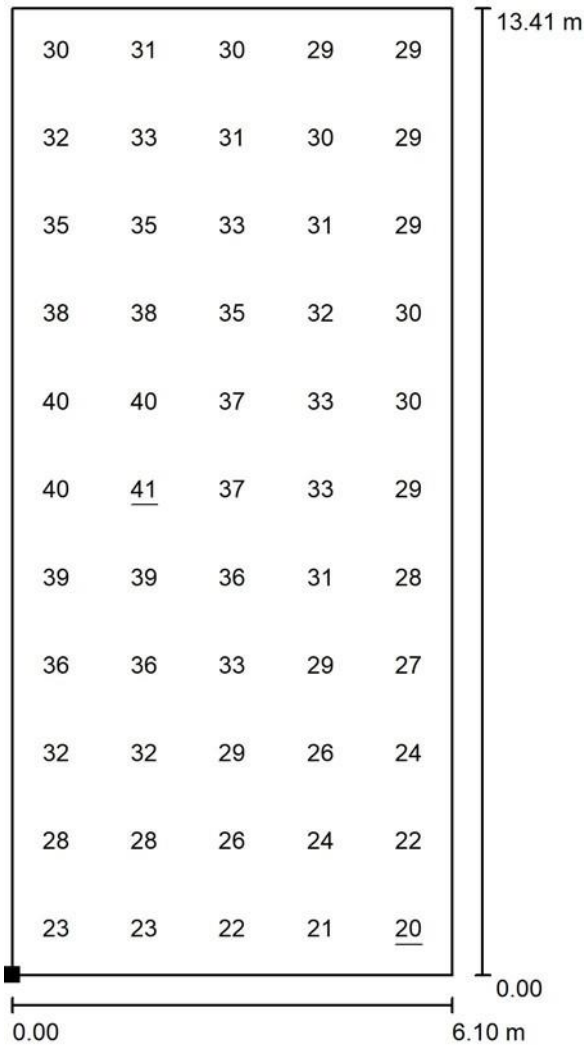


Grid: 5 x 11 Points

E_{av} [fc]	E_{min} [fc]	E_{max} [fc]	u0	E_{min} / E_{max}
31	20	41	0.645	0.491

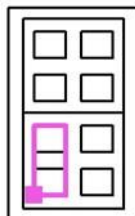


Exterior Scene 1 / Calculation Surface 1 / Value Chart (E, Perpendicular)



Values in Footcandles, Scale 1 : 105

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

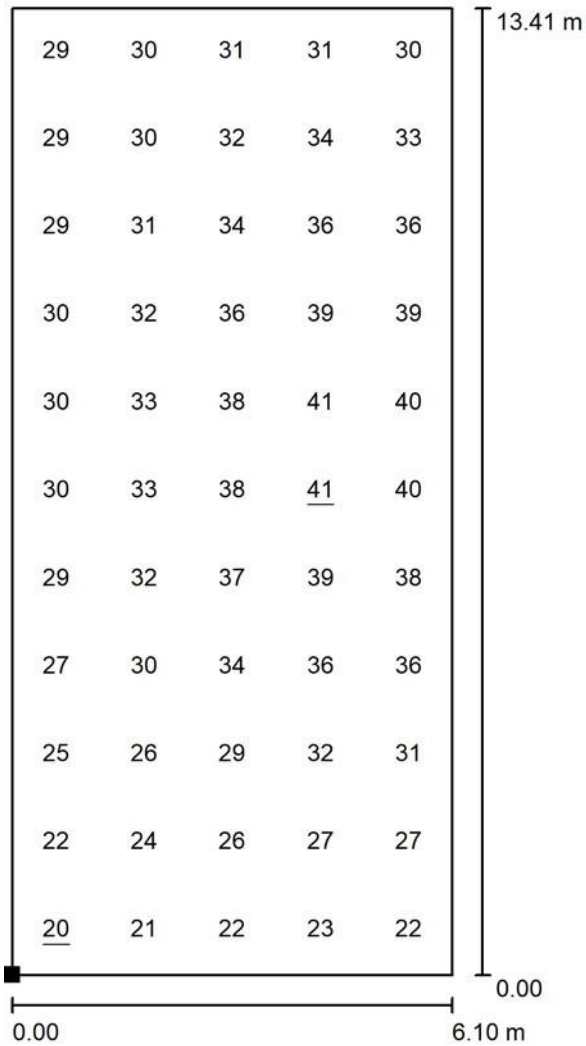


Grid: 5 x 11 Points

E_{av} [fc]	E_{min} [fc]	E_{max} [fc]	u0	E_{min} / E_{max}
31	20	41	0.645	0.494

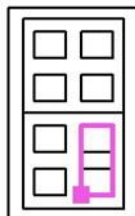


Exterior Scene 1 / Calculation Surface 1 / Value Chart (E, Perpendicular)



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]	E_{min} [fc]	E_{max} [fc]	u0	E_{min} / E_{max}
31	20	41	0.639	0.491