

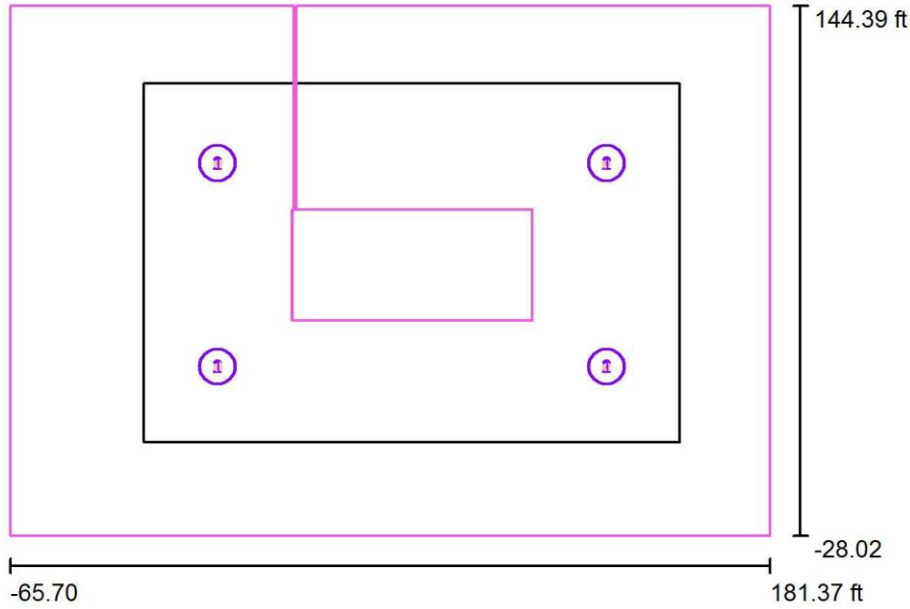


LED Tennis Court Design:

AF33XTVT4X1630750

Operator ST
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e-Mail

Exterior Scene 1 / Planning data



Maintenance factor: 0.80, ULR (Upward Light Ratio): 3.0%

Scale 1:750

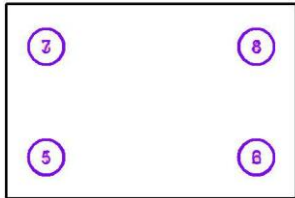
Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	(Luminaire) [lm]	(Lamps) [lm]	P [W]
1	8	769w LED Sport Light - 60D	92751	92750	811.7
2	8	769w LED Sport Light - 40D	90759	90349	804.1
Total:			1468081	Total: 1464792	12926.4

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Exterior Scene 1 / Luminaires (coordinates list)

769w LED Sport Light - 60D

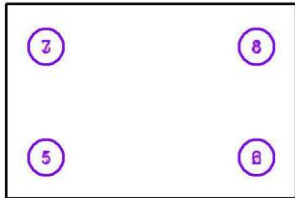


No.	Position [ft]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	1.826	26.982	30.000	42.0	0.0	-66.9
2	128.094	26.982	30.000	42.0	0.0	66.9
3	1.826	93.121	30.000	42.0	0.0	-113.1
4	128.094	93.121	30.000	42.0	0.0	113.1
5	1.675	26.906	30.000	42.1	0.0	-66.9
6	128.245	26.906	30.000	42.1	0.0	66.9
7	1.675	93.197	30.000	42.1	0.0	-113.1
8	128.245	93.197	30.000	42.1	0.0	113.1

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Exterior Scene 1 / Luminaires (coordinates list)

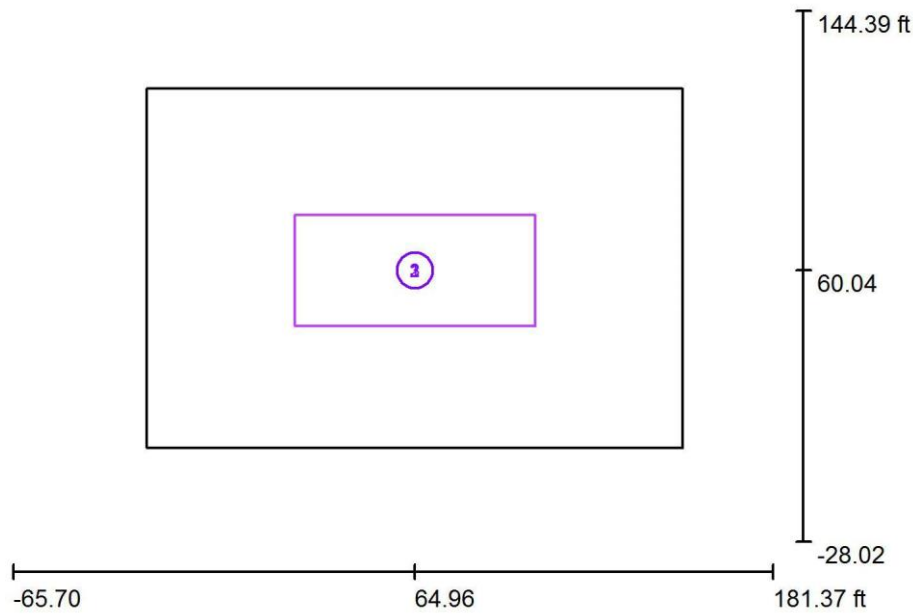
769w LED Sport Light - 40D



No.	Position [ft]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	1.690	26.924	30.000	57.1	0.0	-66.9
2	128.230	26.924	30.000	57.1	0.0	66.9
3	1.690	93.179	30.000	57.1	0.0	-113.1
4	128.230	93.179	30.000	57.1	0.0	113.1
5	1.690	26.924	30.000	57.1	0.0	-66.9
6	128.230	26.924	30.000	57.1	0.0	66.9
7	1.690	93.179	30.000	57.1	0.0	-113.1
8	128.230	93.179	30.000	57.1	0.0	113.1

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Exterior Scene 1 / Calculation Grid (Coordinates List)



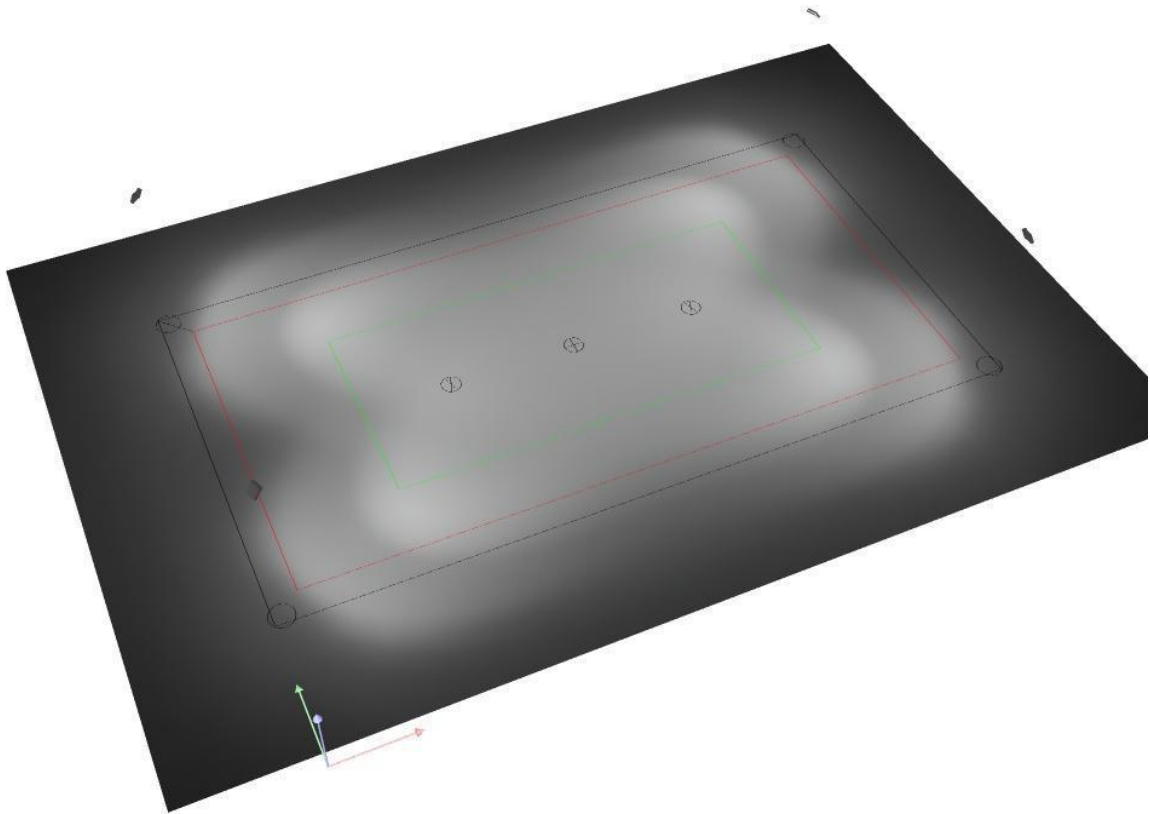
Scale 1 : 750

List of the Calculation Grids

No.	Designation	Position [ft]			Size [ft]		Rotation [°]		
		X	Y	Z	L	W	X	Y	Z
1	Tennis 1 Calculation Grid (PA)	64.960	60.039	0.000	78.000	36.000	0.0	0.0	0.0
2	Tennis 1 Calculation Grid (PA)	64.960	60.039	5.000	78.000	36.000	0.0	0.0	0.0
3	Tennis 1 Calculation Grid (PA)	64.960	60.039	10.000	78.000	36.000	0.0	0.0	0.0

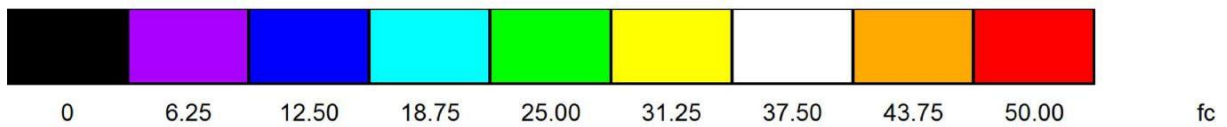
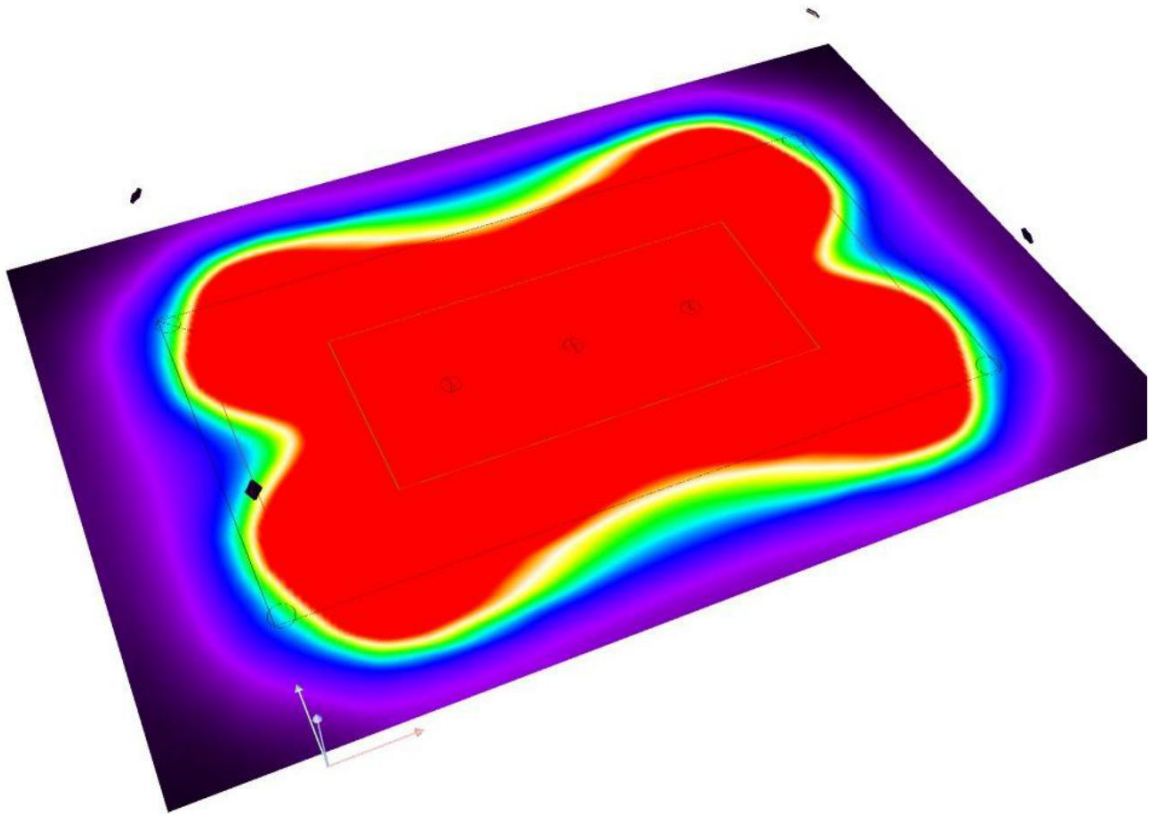
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Exterior Scene 1 / 3D Rendering



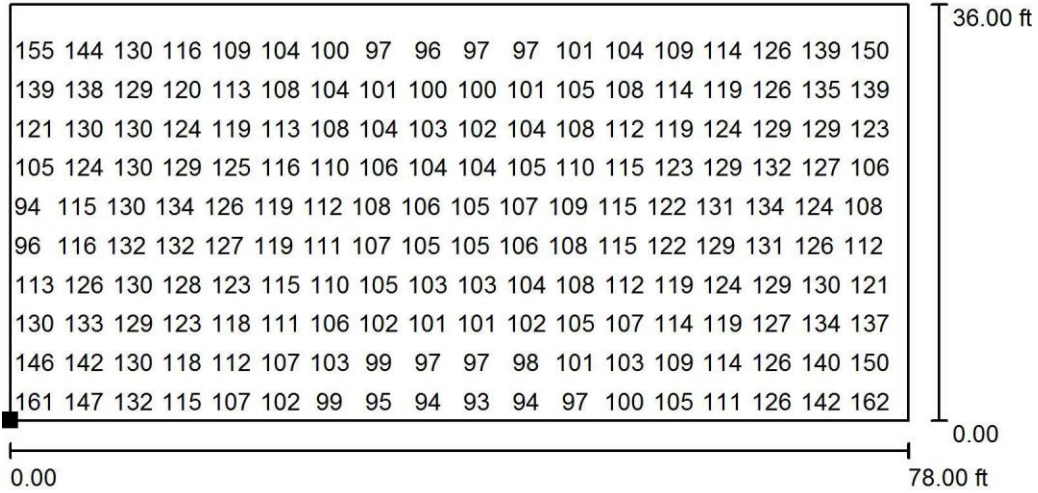
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Exterior Scene 1 / False Color Rendering



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



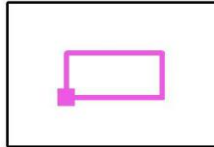
Values in Footcandles, Scale 1 : 200

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(25.960 ft, 42.039 ft, 0.000 ft)



Grid: 128 x 64 Points

E_{av} [fc]
117

E_{min} [fc]
85

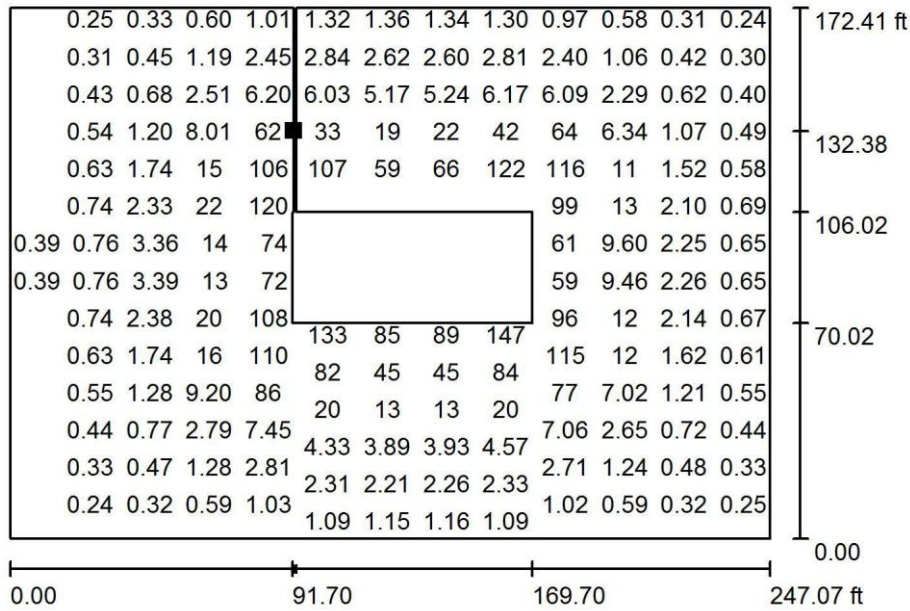
E_{max} [fc]
174

u_0
0.732

E_{min} / E_{max}
0.489

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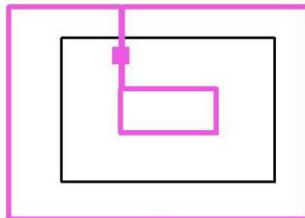
Exterior Scene 1 / Light Trespass / Value Chart (E, Perpendicular)



Values in Footcandles, Scale 1 : 750

Not all calculated values could be displayed.

Position of surface in external scene:
 Marked point:
 (26.551 ft, 104.365 ft, 0.000 ft)



Grid: 128 x 128 Points

E_{av} [fc]
20

E_{min} [fc]
0.17

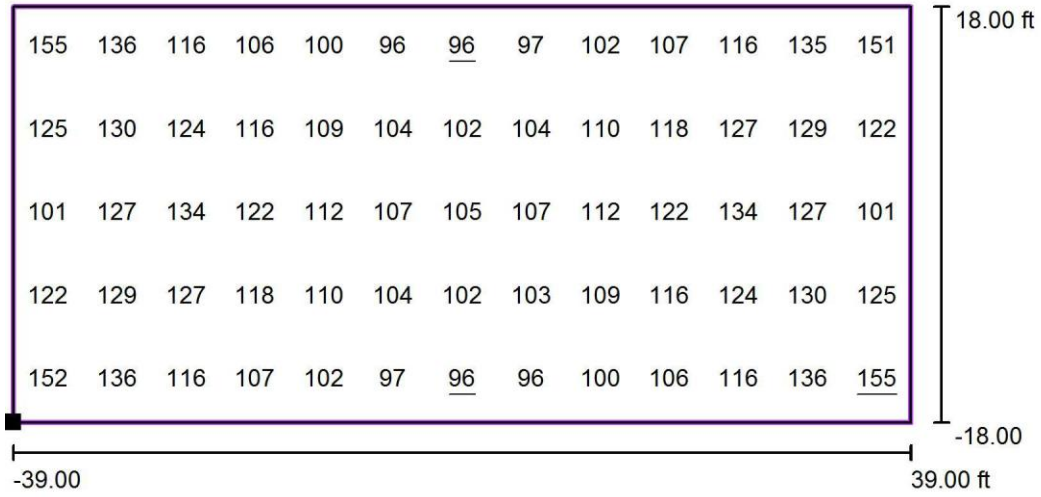
E_{max} [fc]
190

u_0
0.009

E_{min} / E_{max}
0.001

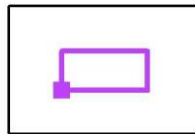
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Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Value Chart (E, Horizontal)



Values in Footcandles, Scale 1 : 200

Position of surface in external scene: Marked point: (25.960 ft, 42.039 ft, 0.000 ft)

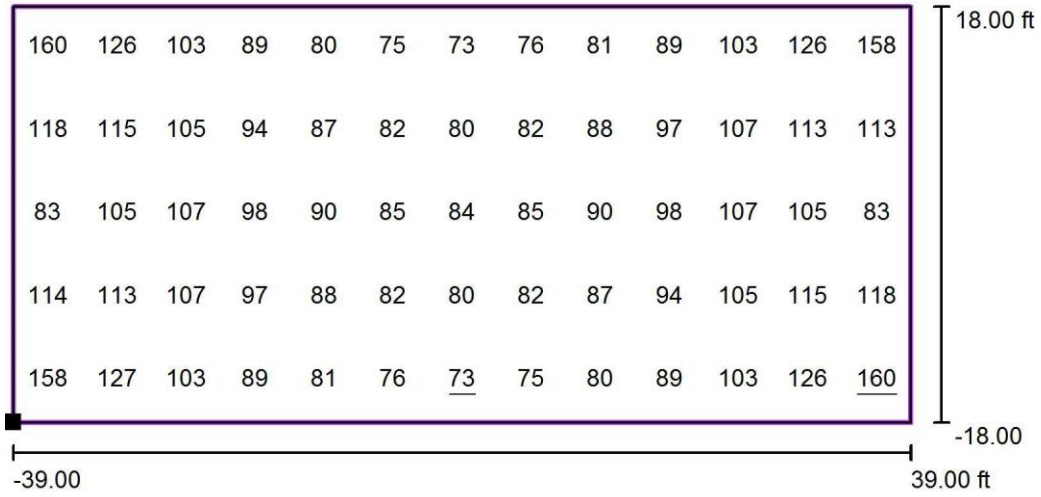


Grid: 13 x 5 Points

E_{av} [fc]	E_{min} [fc]	E_{max} [fc]	u_0	E_{min} / E_{max}
117	96	155	0.82	0.62

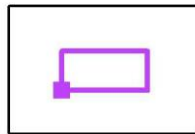
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Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Value Chart (E, Horizontal)



Values in Footcandles, Scale 1 : 200

Position of surface in external scene: Marked point: (25.960 ft, 42.039 ft, 5.000 ft)

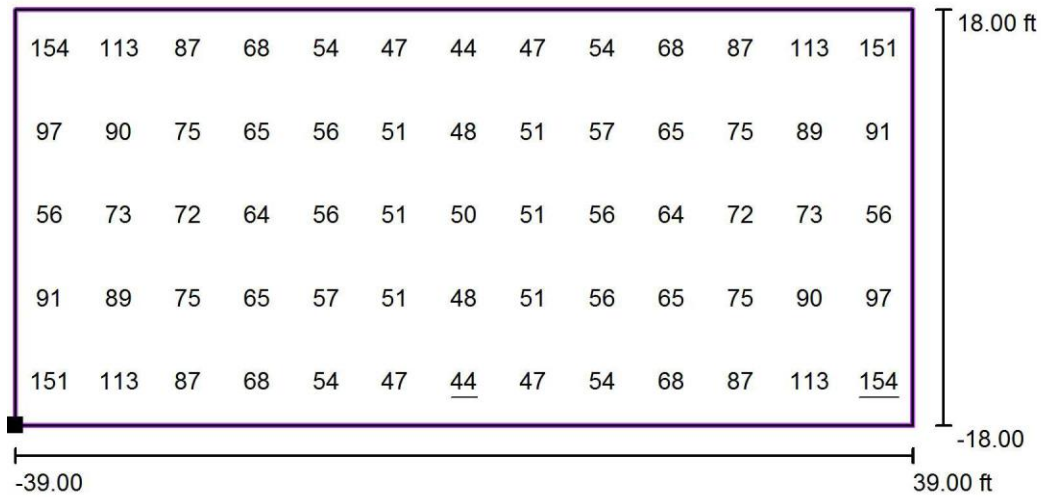


Grid: 13 x 5 Points

E_{av} [fc]	E_{min} [fc]	E_{max} [fc]	u_0	E_{min} / E_{max}
99	73	160	0.73	0.45

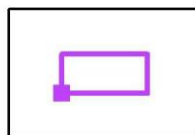
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Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Value Chart (E, Horizontal)



Values in Footcandles, Scale 1 : 200

Position of surface in external scene: Marked point: (25.960 ft, 42.039 ft, 10.000 ft)



Grid: 13 x 5 Points

E_{av} [fc]	E_{min} [fc]	E_{max} [fc]	u_0	E_{min} / E_{max}
74	44	154	0.60	0.29