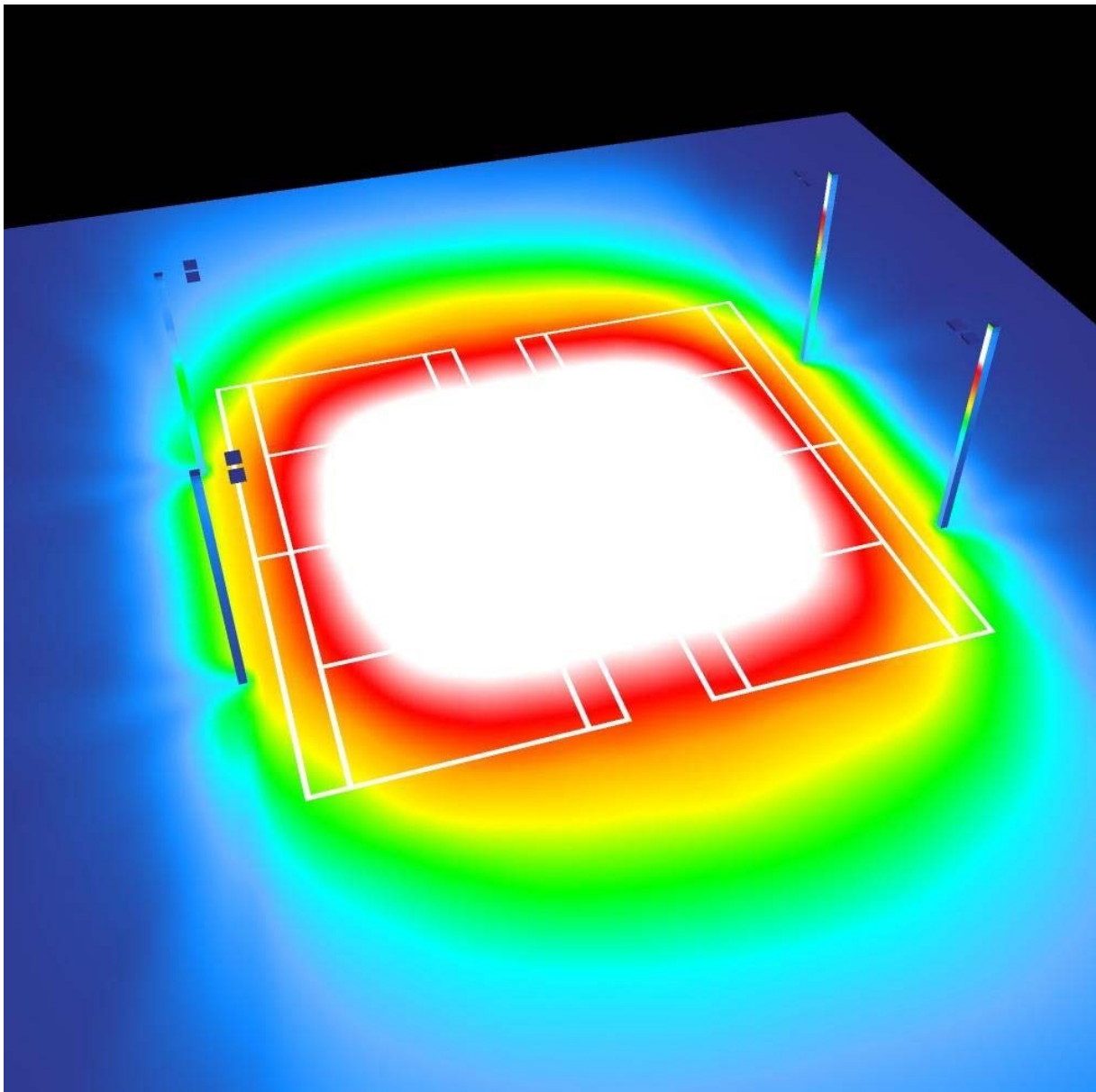


Twin Tennis Courts - Club Level Illumination
30' Mounting Height - Dark Sky Style
Average 33 footcandles - 2.15 Max/Min Ratio



This photometric report will be generated using methods recommended by the Illuminating Engineering Society of North America (IESNA). The calculations in this report will be based on data provided by a third party. The accuracy of this photometric report is dependent on the accuracy of the data provided. End user environment and application including, but not limited to voltage variation and dirt accumulation can cause actual photometric performance to differ from the performance calculated using the data provided. This report will be provided without warranty as to accuracy, completeness, reliability, or otherwise. In no event will Access Fixtures be responsible for any loss resulting from any use of this report.

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AFL-Corinthian Yacht Club Tennis Courts ZM-2020-1153

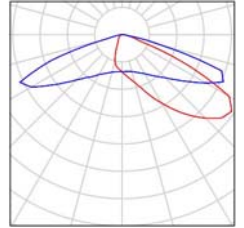
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Corinthian Yacht Club Tennis Courts ZM-2020-1153 / Luminaire parts list

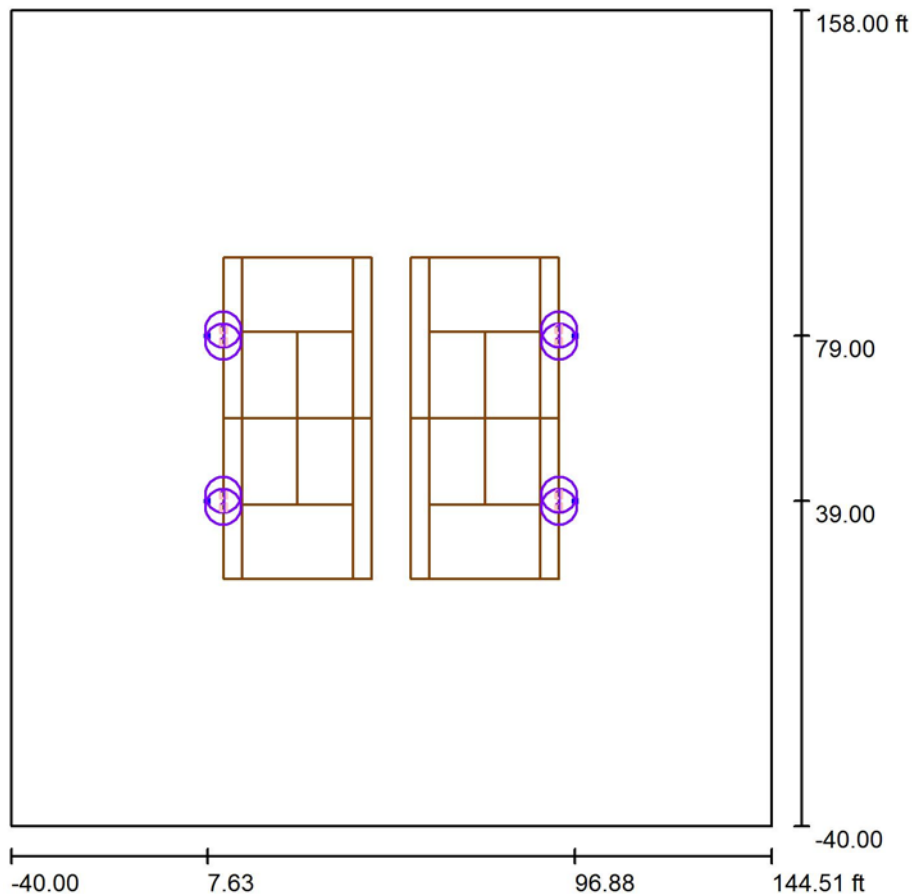
8 Pieces AF72XFLE600-T4M1-V5 50K-Backlight
shielding Article No.:
Luminous flux (Luminaire): 66552 lm
Luminous flux (Lamps): 66675 lm
Luminaire Wattage: 609.7 W
Luminaire classification according to CIE: 100
CIE flux code: 25 64 96 100 100
Fitting: 1 x V5 5000K (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



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Exterior Scene 1 / Planning data



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

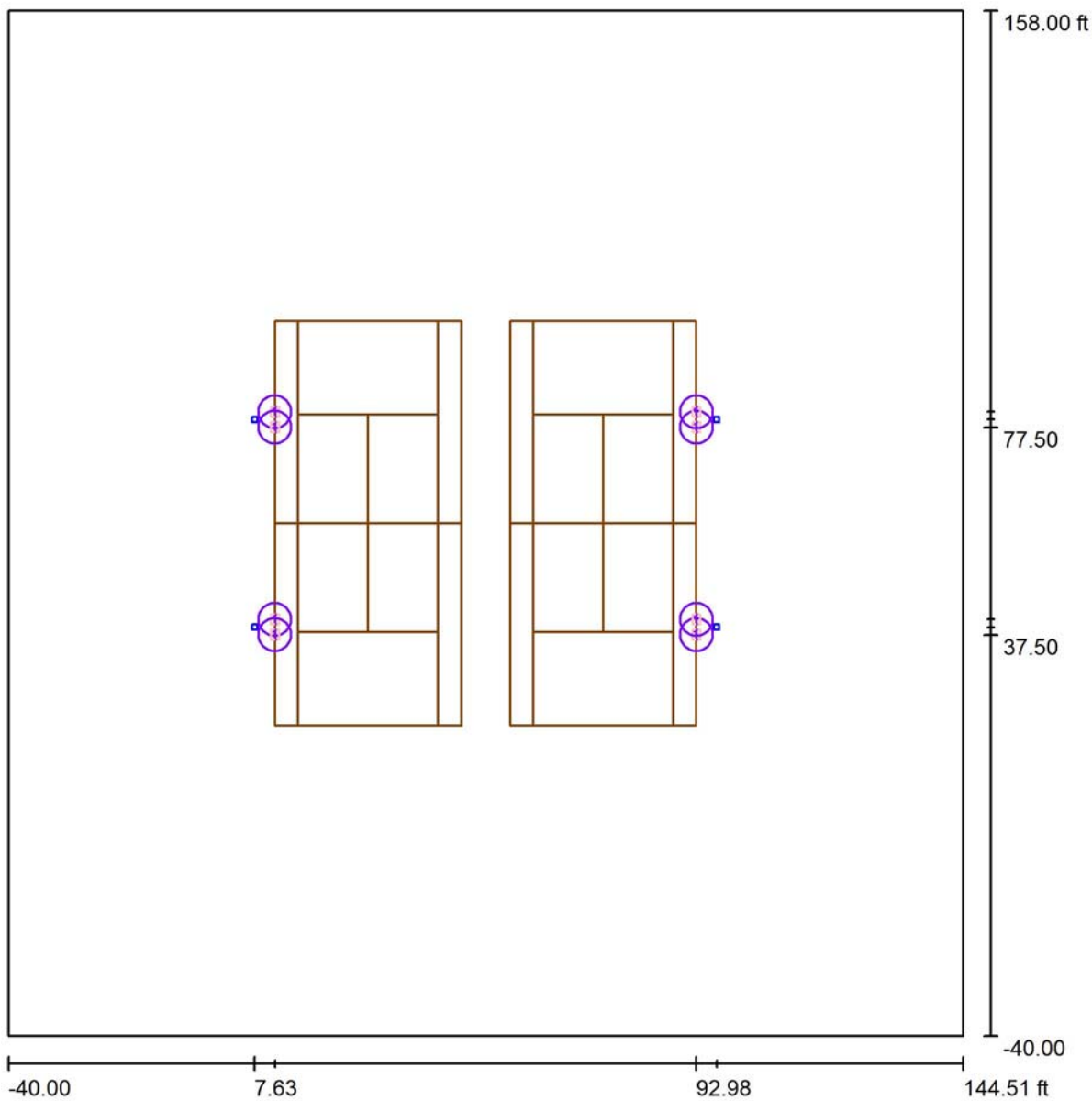
Scale 1:560

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	8	AF72XFLE600-T4M1-V5 50K-Backlight shielding (1.000)	66552	66675	609.7
Total:			532414	533400	4877.6

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Exterior Scene 1 / Luminaires (layout plan)



Scale 1 : 409

Luminaire Parts List

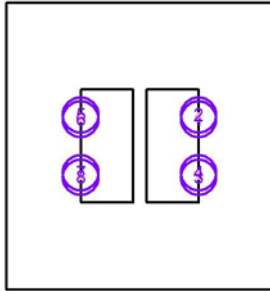
No.	Pieces	Designation
1	8	AF72XFLE600-T4M1-V5 50K-Backlight shielding

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Exterior Scene 1 / Luminaires (coordinates list)

APTi 600 AF72XFLE600-T4M1-V5 50K-Backlight shielding

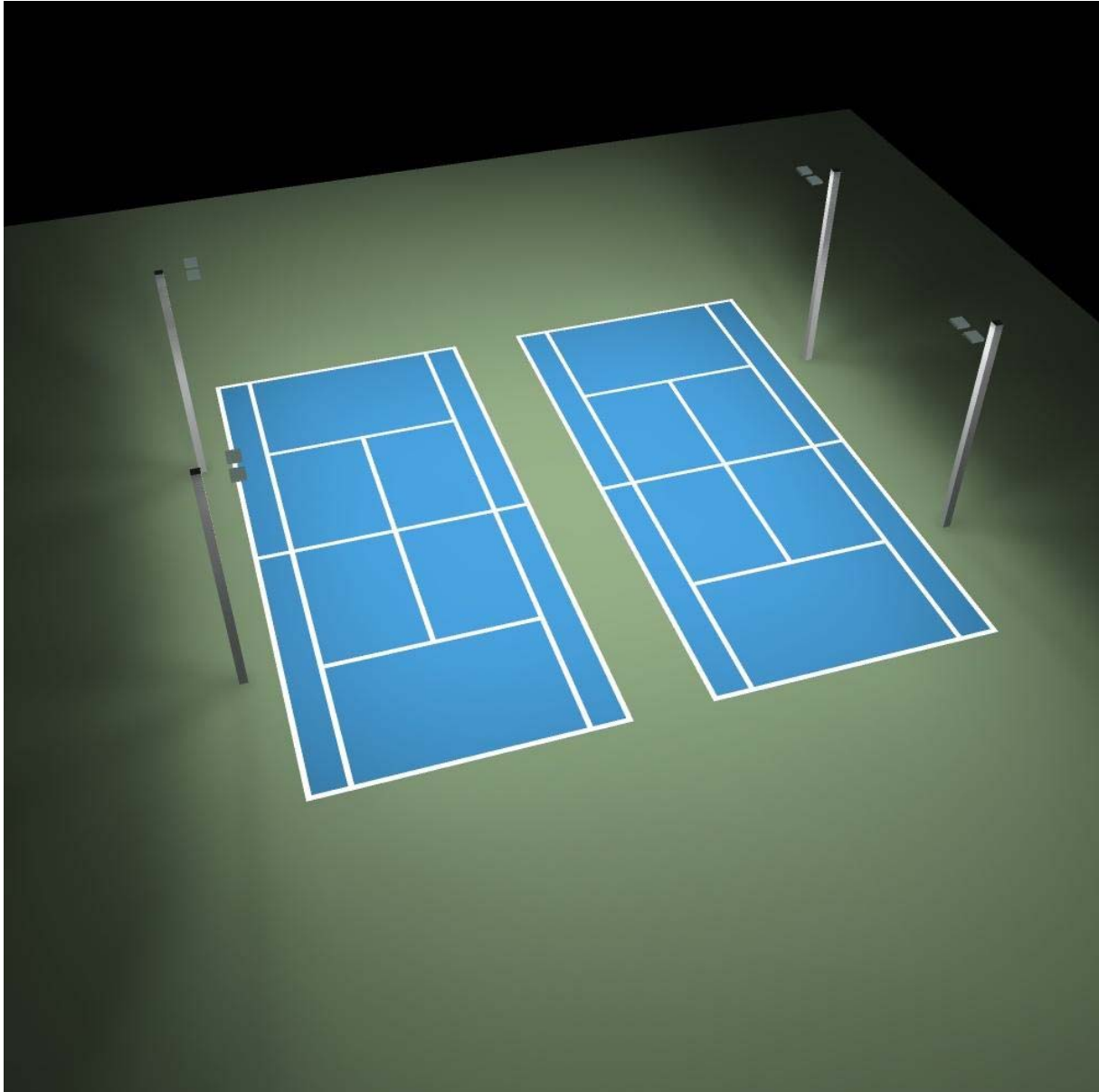
66552 lm, 609.7 W, 1 x 1 x V5 5000K (Correction Factor 1.000).



No.	Position [ft]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	92.980	77.502	30.000	0.0	0.0	180.0
2	92.980	80.502	30.000	0.0	0.0	180.0
3	92.980	37.502	30.000	0.0	0.0	180.0
4	92.980	40.502	30.000	0.0	0.0	180.0
5	11.535	80.502	30.000	0.0	0.0	0.0
6	11.535	77.502	30.000	0.0	0.0	0.0
7	11.535	40.502	30.000	0.0	0.0	0.0
8	11.535	37.502	30.000	0.0	0.0	0.0

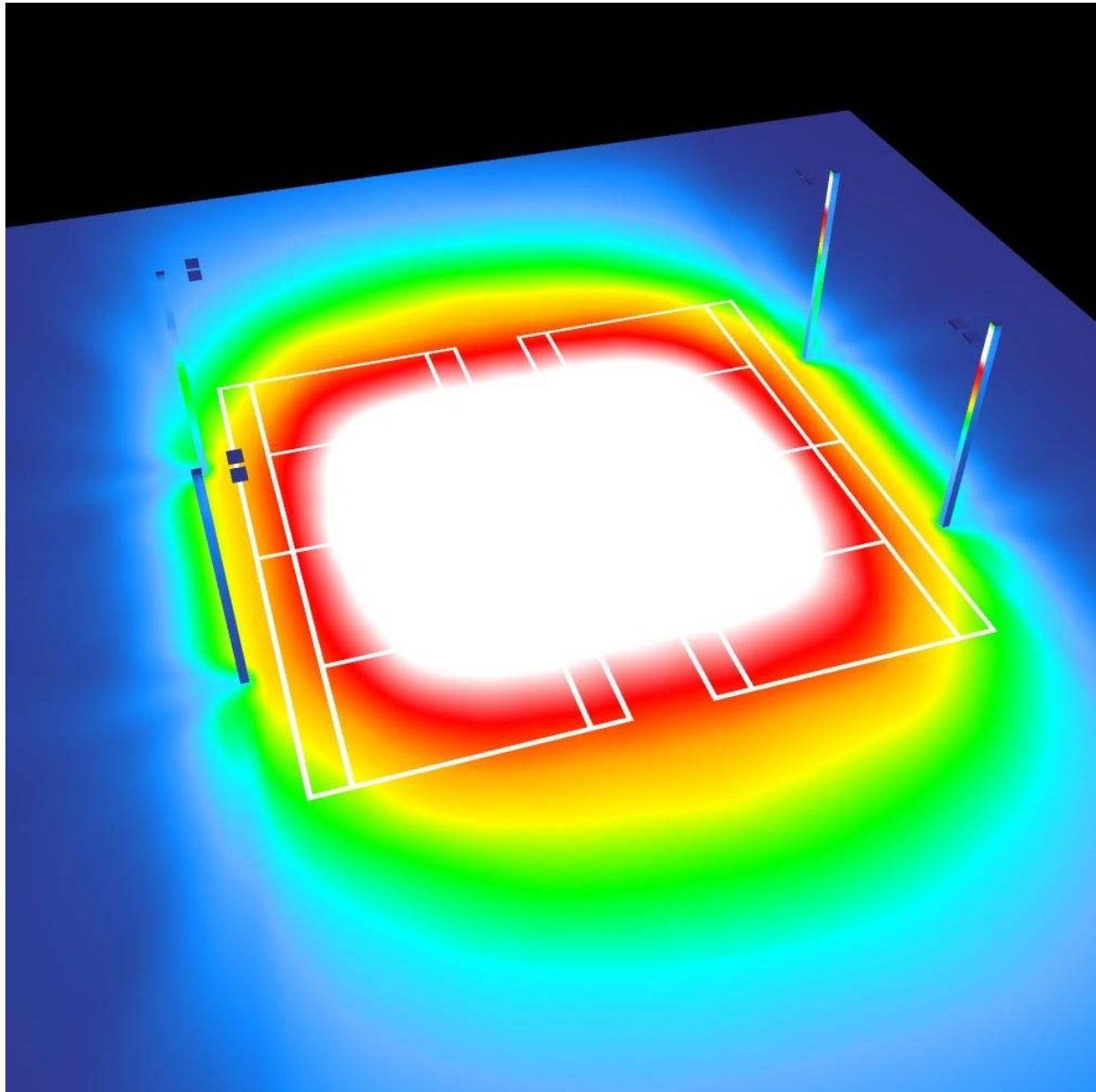
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Exterior Scene 1 / 3D Rendering



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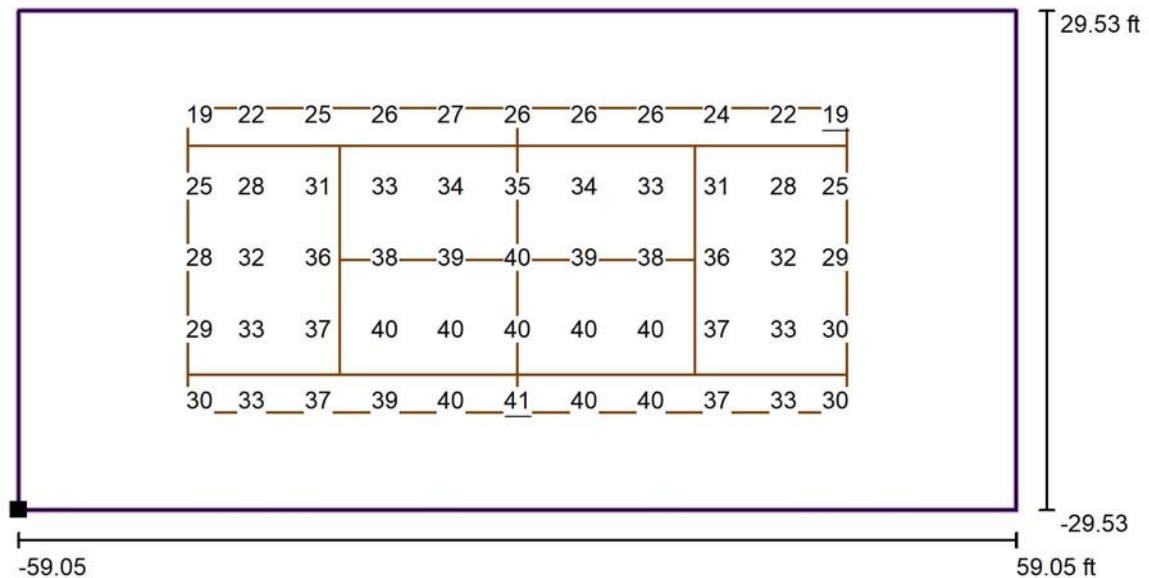
Exterior Scene 1 / False Colour Rendering



0 4.38 8.75 13.13 17.50 21.88 26.25 30.63 35.00 fc

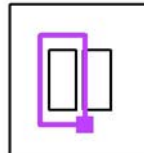
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Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Value Chart (E, Perpendicular)



Values in Footcandles, Scale 1 : 273

Position of surface in external scene:
 Marked point: (59.061 ft, -0.052 ft,
 0.000 ft)



Grid: 55 Points

E_{av} [fc]
33

E_{min} [fc]
19

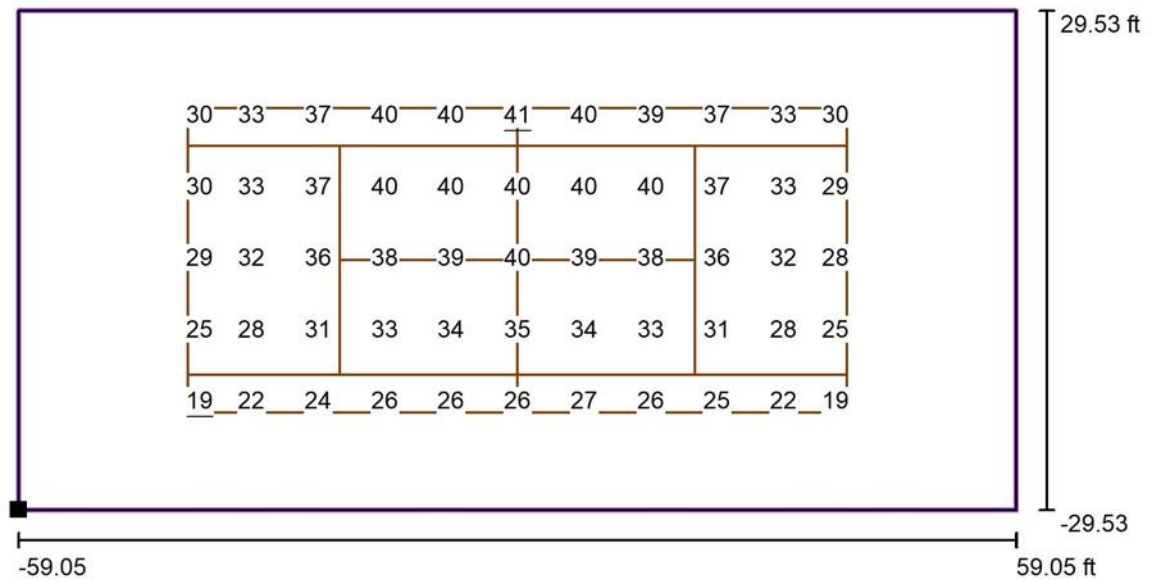
E_{max} [fc]
41

u_0
0.58

E_{min} / E_{max}
0.46

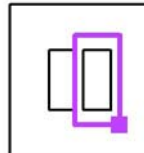
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Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Value Chart (E, Perpendicular)



Values in Footcandles, Scale 1 : 273

Position of surface in external scene:
 Marked point: (104.507 ft, -0.052 ft,
 0.000 ft)



Grid: 55 Points

E_{av} [fc]
33

E_{min} [fc]
19

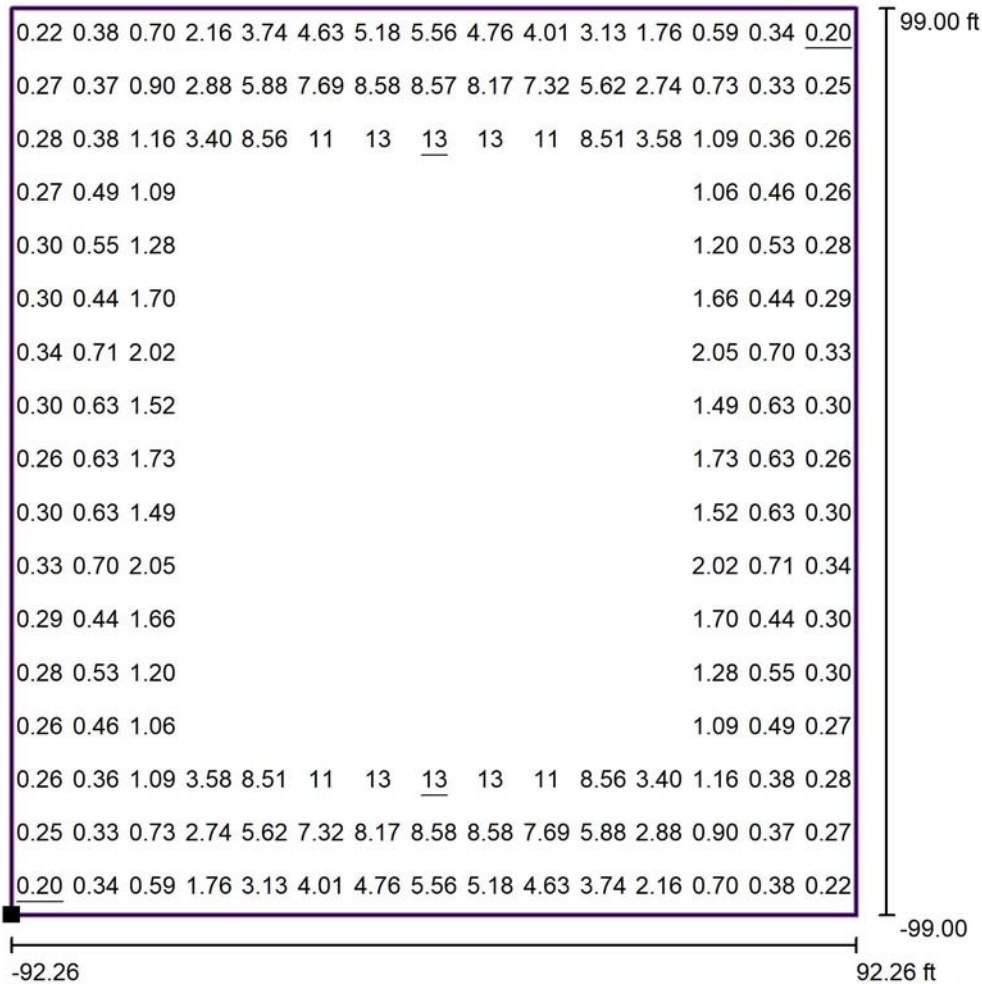
E_{max} [fc]
41

u_0
0.58

E_{min} / E_{max}
0.46

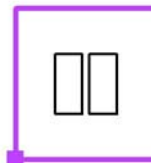
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Exterior Scene 1 / Calculation Grid -light trespass / Value Chart (E, Perpendicular)



Values in Footcandles, Scale 1 : 504

Position of surface in external scene:
 Marked point: (-40.000 ft, -40.000 ft,
 0.000 ft)



Grid: 156 Points

E_{av} [fc]
2.73

E_{min} [fc]
0.20

E_{max} [fc]
13

u_0
0.07

E_{min} / E_{max}
0.02