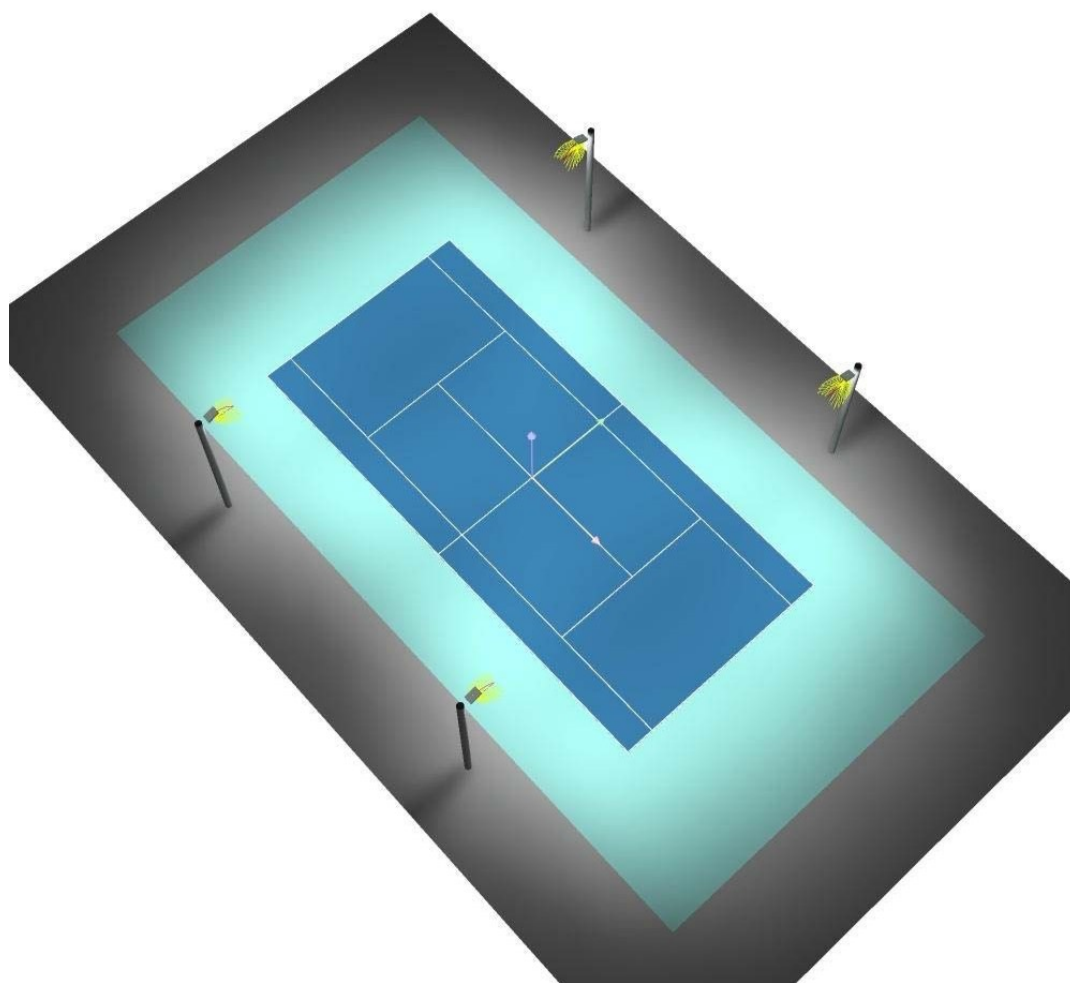


## Tennis Court Lighting - Club Level

**Full Cut Off - 3000 Kelvin LEDs - Dark Sky Compliant\*\***

**(4) 25' Poles and (4) APTA 720 LED Light Fixtures  
Average 42 Footcandles - 1.31 Max/Min Ratio**



This photometric study was generated using methods recommended by the Illuminating Engineering Society of North America (IESNA). The calculations in this report are based on data provided by a third party. The accuracy of this 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 is provided without warranty as to accuracy, completeness, reliability or otherwise. In no event will Access Fixtures be responsible for any loss resulting from use of this report.

\*\* Dark Sky requirements may vary. 3000 Kelvin is a typical standard. 2200 Kelvin may be required. Check your local lighting ordinances.



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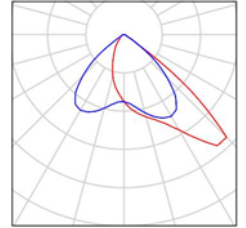


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## Tennis Courts / Luminaire parts list

4 Pieces    AF88XABD720-T4VSB-30K-3535F-V2  
Article No.:  
Luminous flux (Luminaire): 85467 lm Luminous  
flux (Lamps): 85403 lm  
Luminaire Wattage: 684.4 W  
Luminaire classification according to CIE: 100  
CIE flux code: 63 97 99 100 100  
Fitting: 1 x 3000K 3535F-V2 (Correction Factor  
1.000).

See our luminaire  
catalog for an image of  
the luminaire.



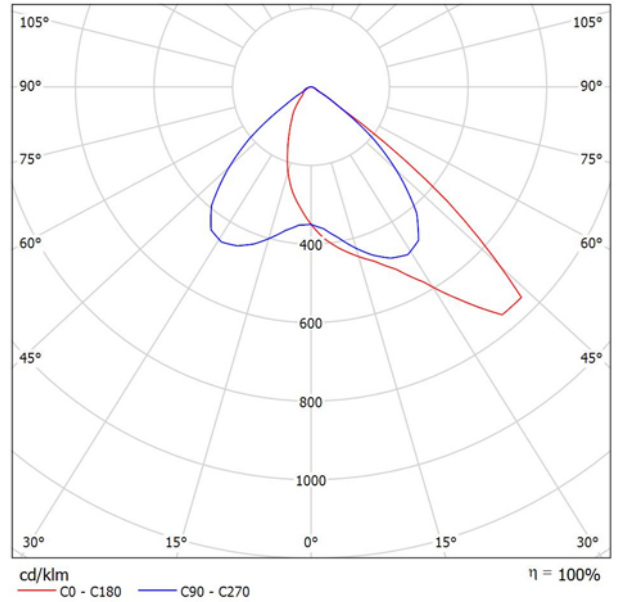


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### AF88XABD720-T4VSB-30K-3535F-V2 / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



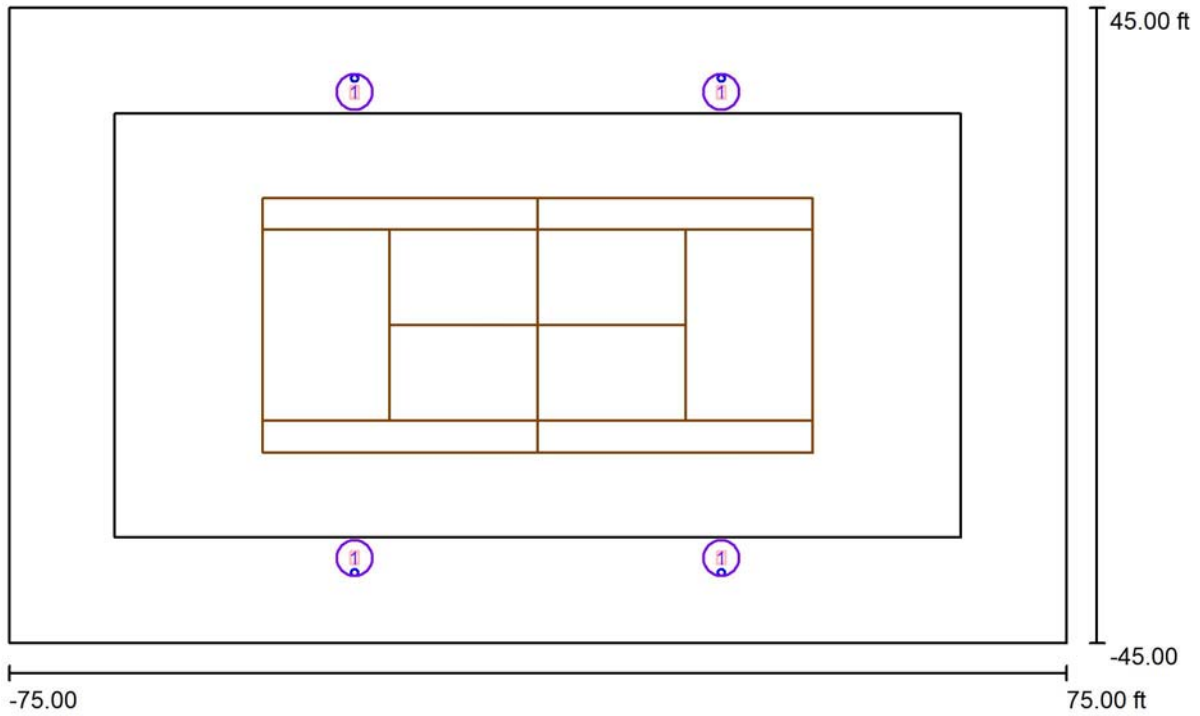
Luminaire classification according to CIE: 100  
CIE flux code: 63 97 99 100 100

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



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**Exterior Scene 1 / Planning data**



Maintenance factor: 0.90, ULR (Upward Light Ratio): 0.5%

Scale 1:327

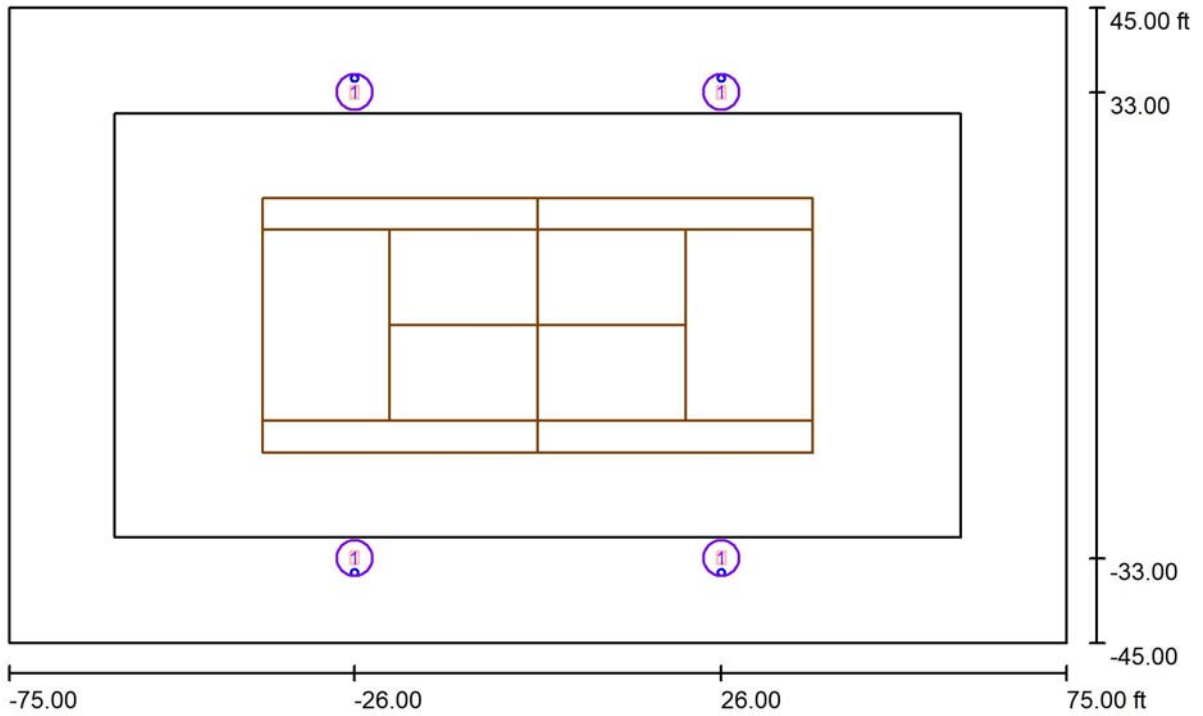
**Luminaire Parts List**

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	4	AF88XABD720-T4VSB-30K-3535F-V2 (1.000)	85467	85403	684.4
			Total: 341869	Total: 341612	2737.4



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



Scale 1 : 327

**Luminaire Parts List**

No.	Pieces	Designation
1	4	AF88XABD720- T4VSB-30K-3535F-V2

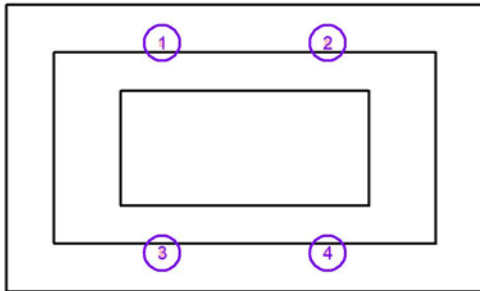


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### Exterior Scene 1 / Luminaires (coordinates list)

#### AF88XABD720-T4VSB-30K-3535F-V2

85467 lm, 684.4 W, 1 x 1 x 3000K 3535F-V2 (Correction Factor 1.000).



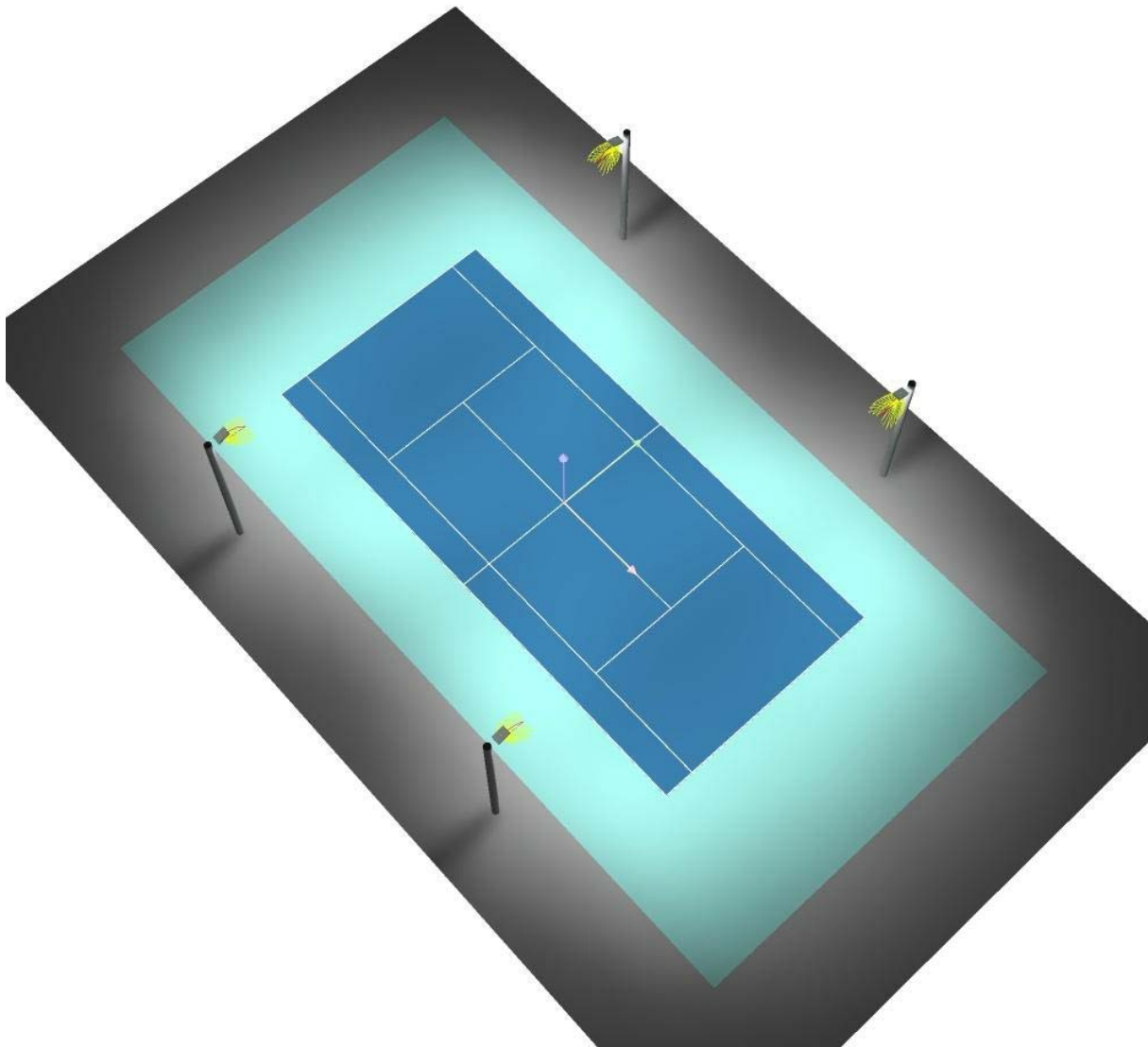
No.	Position [ft]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	-26.000	33.000	25.000	0.0	-20.0	-90.0
2	26.000	33.000	25.000	0.0	-20.0	-90.0
3	-26.000	-33.000	25.000	0.0	-20.0	90.0
4	26.000	-33.000	25.000	0.0	-20.0	90.0

Tennis Court- 42FC 1.31M/M  
(4) 25' Poles/ (4) APTA 720



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### Exterior Scene 1 / 3D Rendering

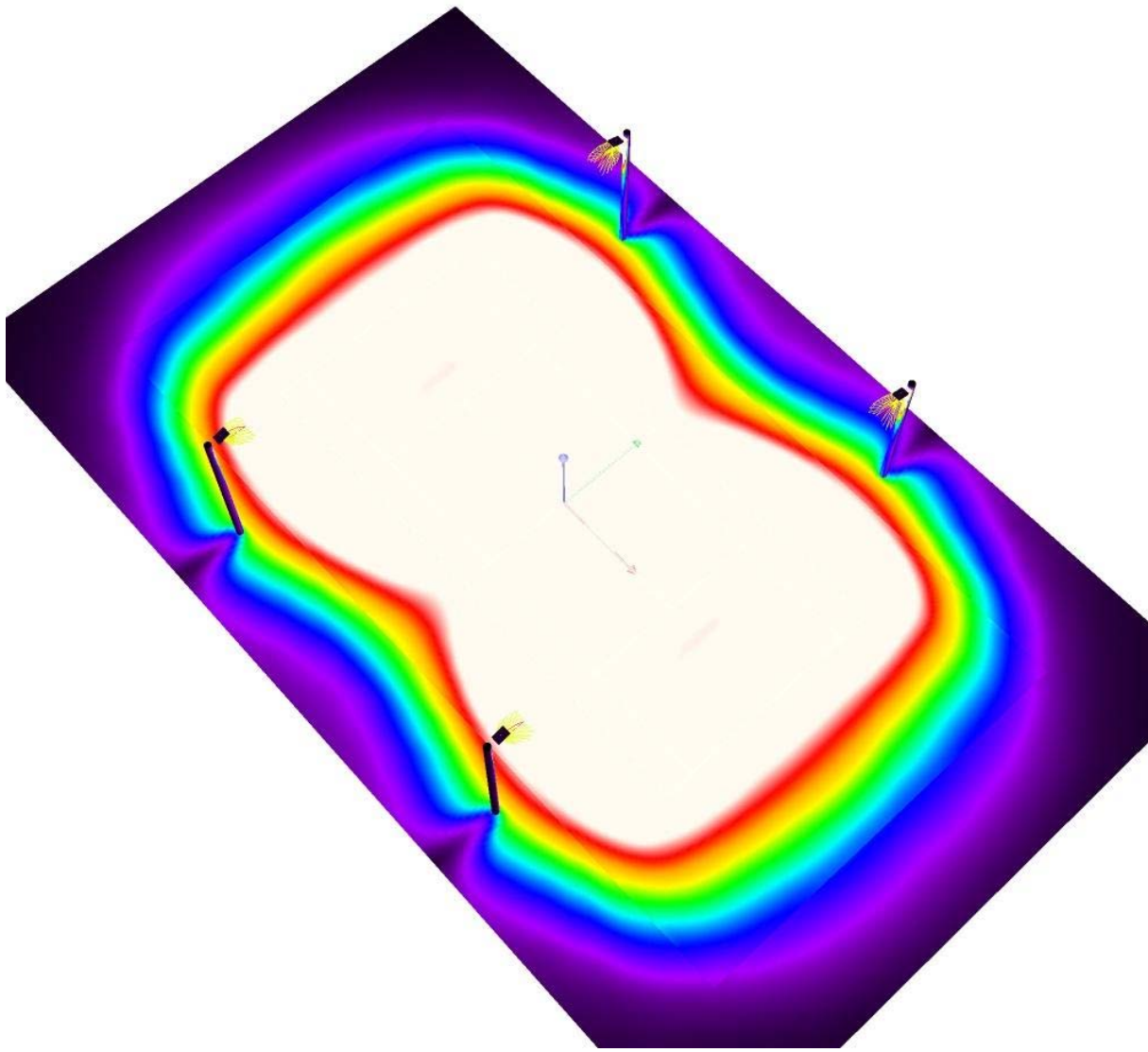






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Exterior Scene 1 / False Colour Rendering

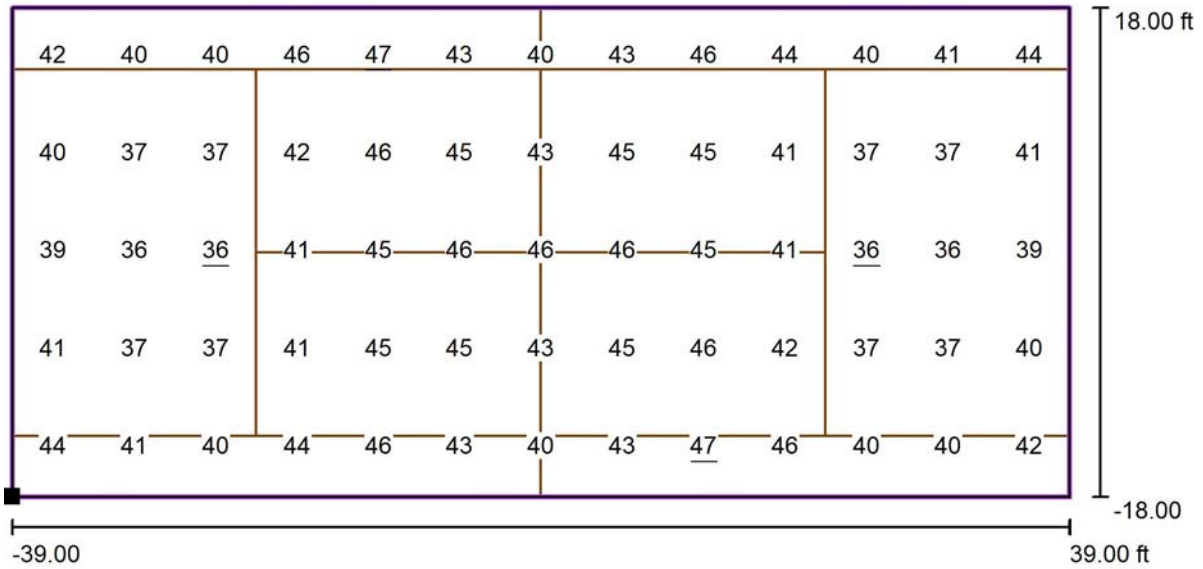


0 4.38 8.75 13.13 17.50 21.88 26.25 30.63 35.00 fc



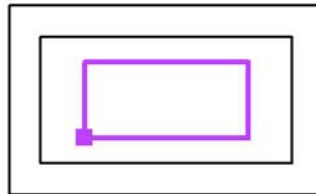
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**Exterior Scene 1 / Tennis 1 Calculation Grid (PA) / Value Chart (E, Perpendicular)**



Values in Footcandles, Scale 1 : 170

Position of surface in external scene:  
 Marked point: (-39.000 ft, -18.000 ft, 0.000 ft)



Grid: 13 x 5 Points

$E_{av}$ [fc]	$E_{min}$ [fc]	$E_{max}$ [fc]	u0	$E_{max} / E_{min}$
42	36	47	1.17	1.31