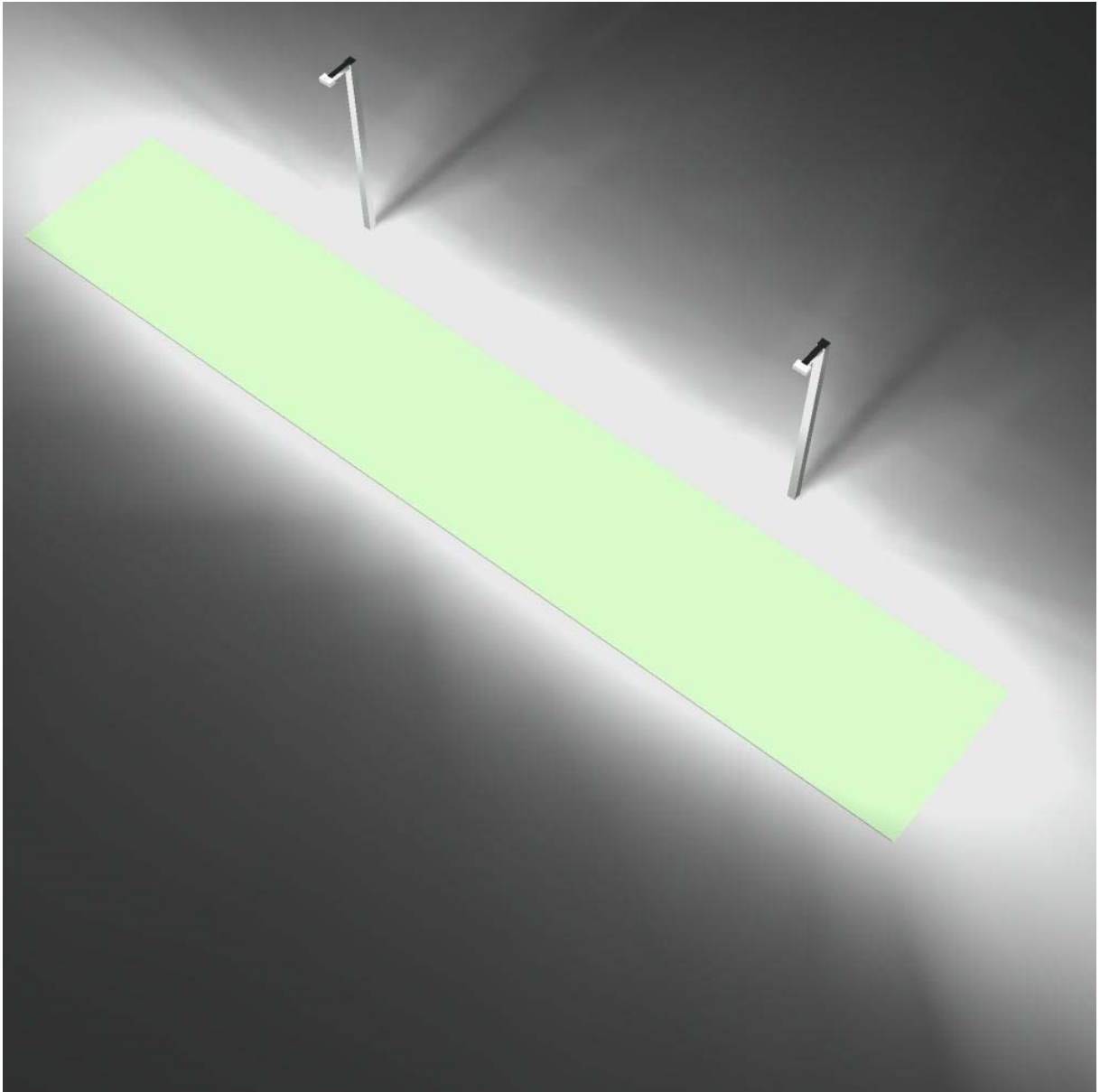


12' x 70' Bocce Court Lighting
16' Poles - APTA 120 LED Luminaires
Average 12 Footcandles - 2.67 Max/Min



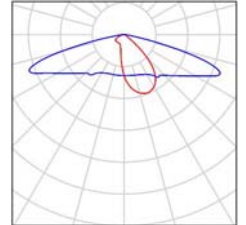
This photometric study was generated using methods recommended by the Illuminating Engineering Society of North America (IESNA). The calculations in this report are based on data provided by a third party. The accuracy of this report is dependent on the accuracy of the data provided. End user environment 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.



Bocce Court Lighting / Luminaire parts list

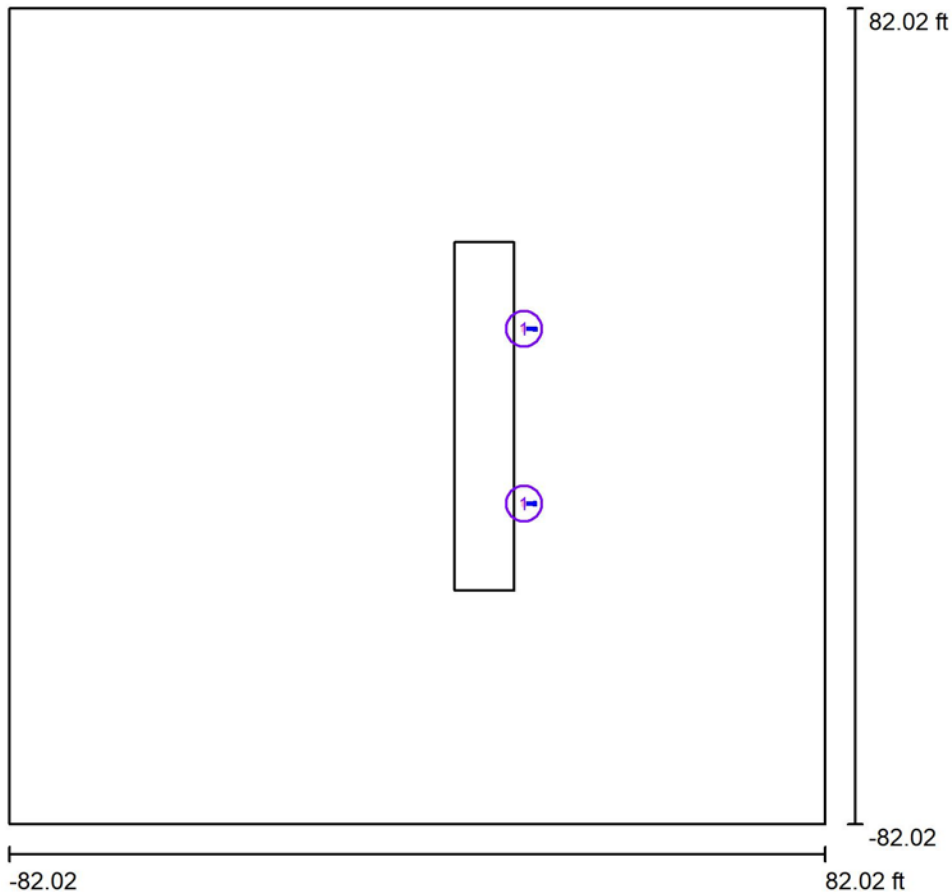
2 Pieces AF72XFLB120-T2M1 120W
Article No.:
Luminous flux (Luminaire): 14563 lm
Luminous flux (Lamps): 14683 lm
Luminaire Wattage: 116.2 W
Luminaire classification according to CIE: 100
CIE flux code: 39 72 96 100 99
Fitting: 1 x NICHIA 3535 5000K D340 (Correction
Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.





Exterior Scene -12ft X70 ft / Planning data



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

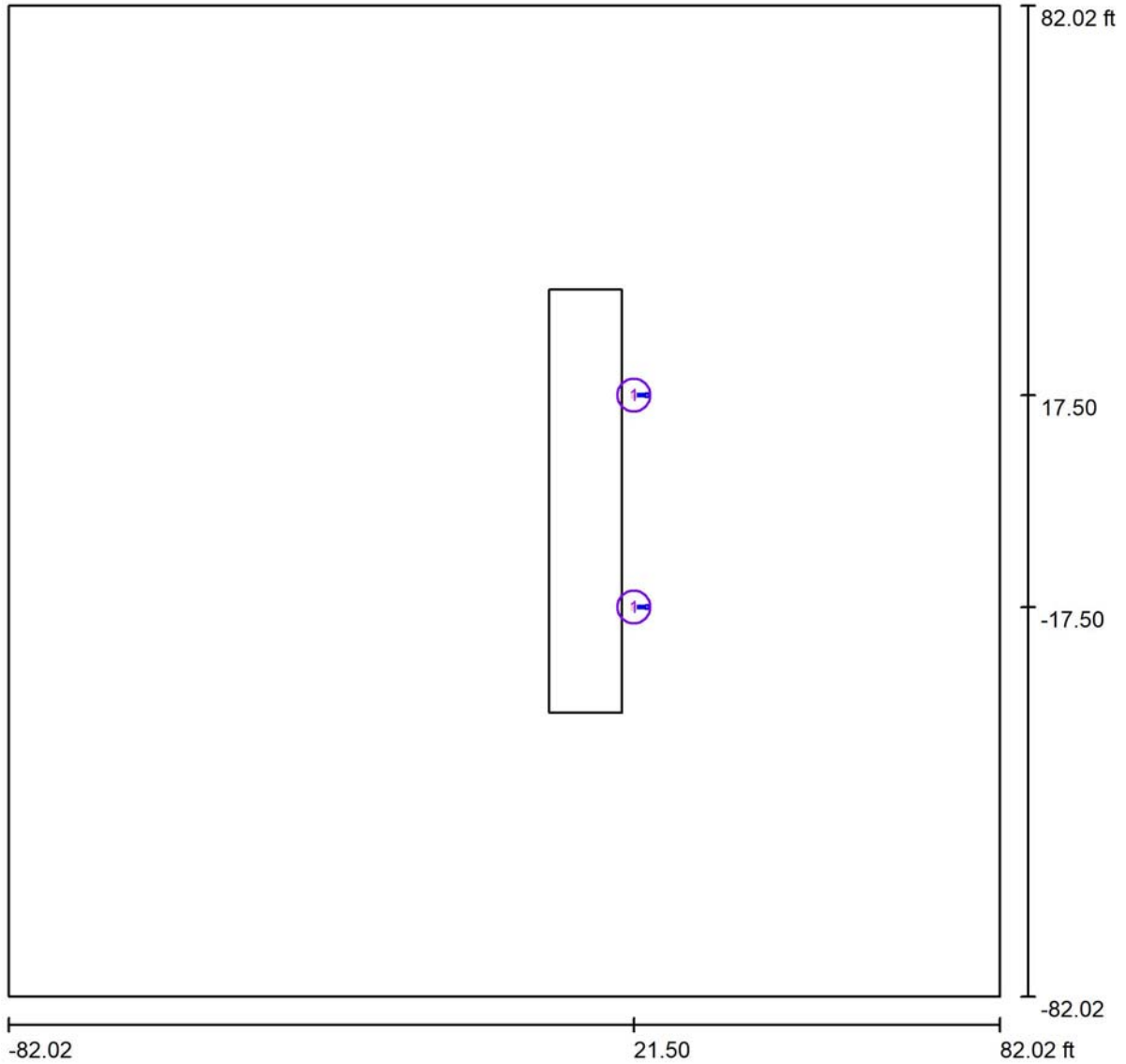
Scale 1:464

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	2	AF72XFLB120-T2M1 120W (1.000)	14563	14683	116.2
Total:			29125	Total: 29366	232.4



Exterior Scene -12ft X70 ft / Luminaires (layout plan)



Scale 1 : 358

Luminaire Parts List

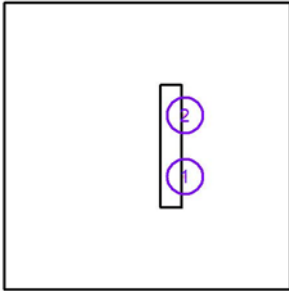
No.	Pieces	Designation
1	2	AF72XFLB120-T2M1 120W



Exterior Scene -12ft X70 ft / Luminaires (coordinates list)

AF72XFLB120-T2M1 120W

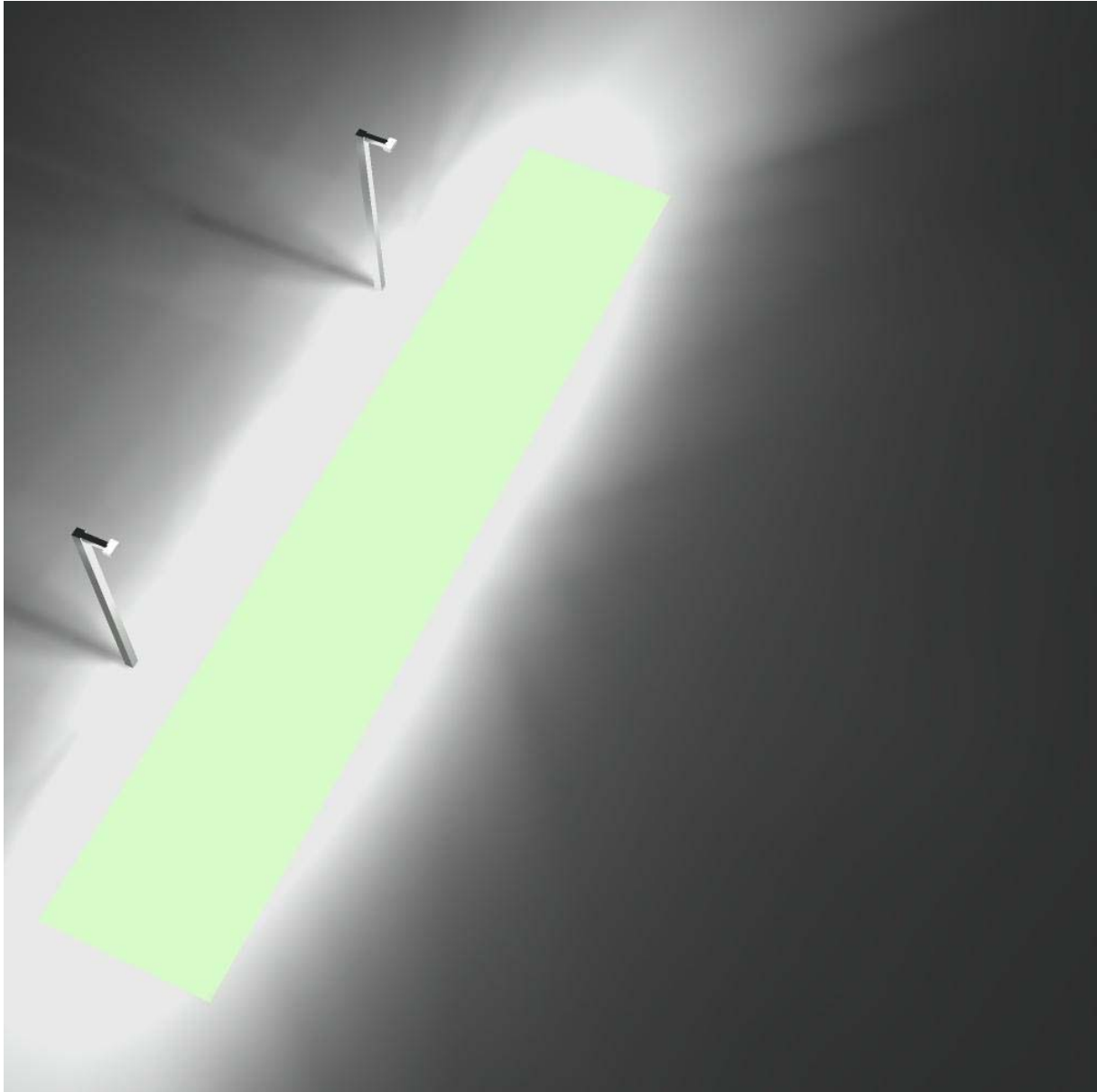
14563 lm, 116.2 W, 1 x 1 x NICHIA 3535 5000K D340 (Correction Factor 1.000).



No.	Position [ft]			X	Rotation [°]		Z
	X	Y	Z		Y	Z	
1	21.500	-17.500	16.000	0.0	0.0	180.0	
2	21.500	17.500	16.000	0.0	0.0	180.0	

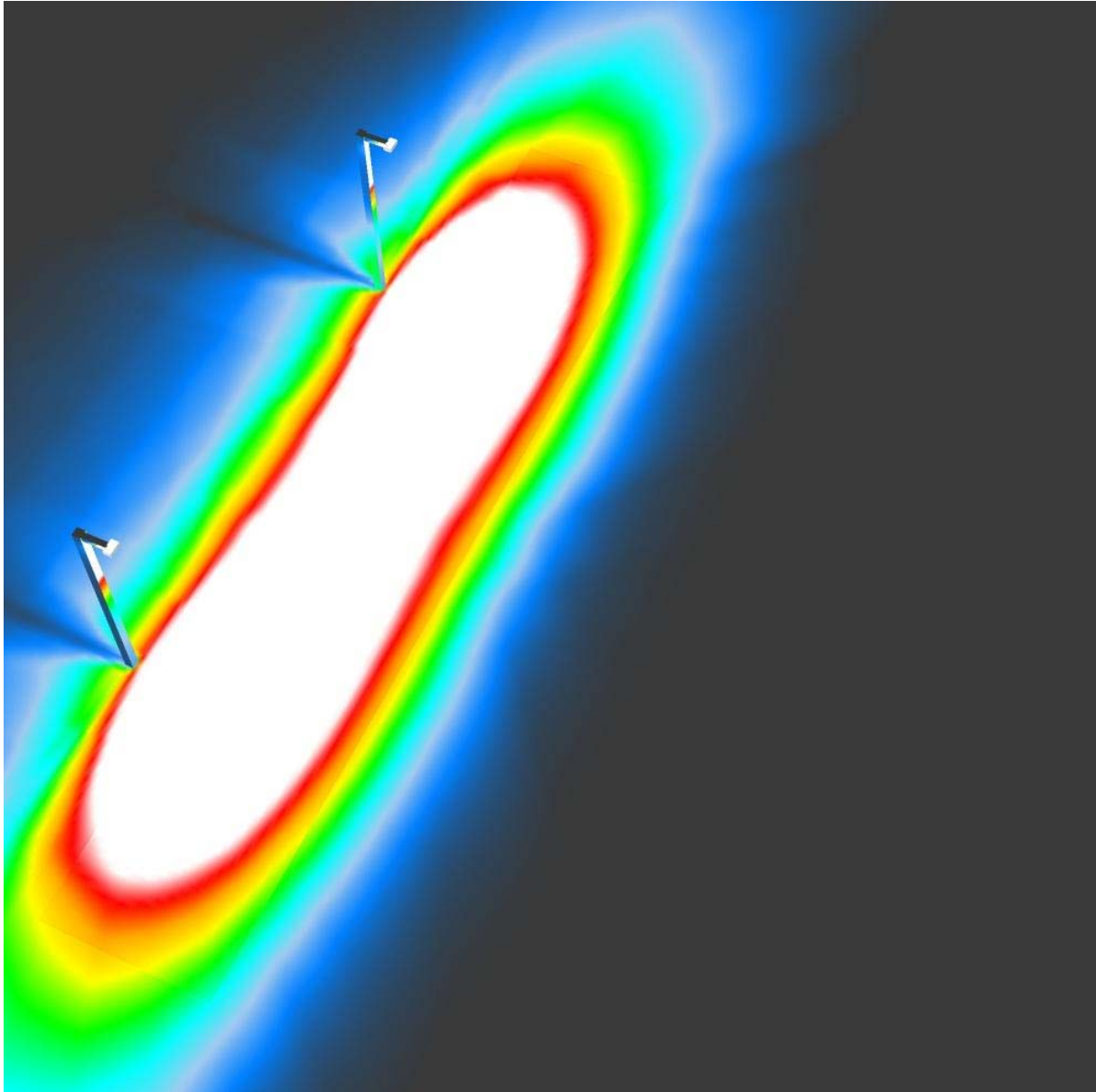


Exterior Scene -12ft X70 ft / 3D Rendering





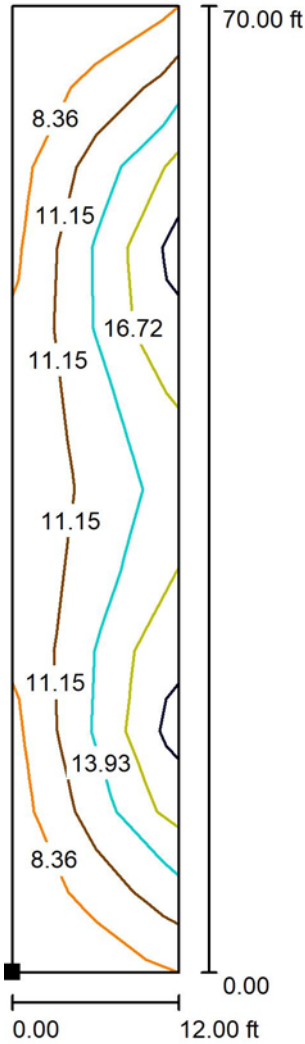
Exterior Scene -12ft X70 ft / False Color Rendering



0.19 1.42 2.64 3.87 5.09 6.32 7.55 8.77 10.00 fc

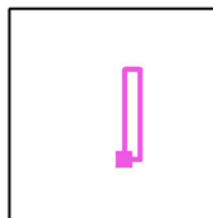


Exterior Scene -12ft X70 ft / Ground Element 12ft X70ft / Surface 1 / Isolines (E)



Values in Footcandles, Scale 1 : 167

Position of surface in external scene:
Marked point:
(7.500 ft, -35.000 ft, 0.000 ft)

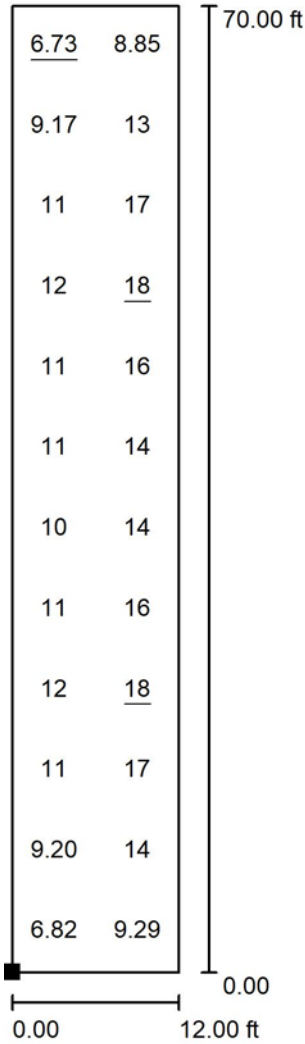


Grid: 2 x 12 Points

E_{av} [fc]	E_{min} [fc]	E_{max} [fc]	u0	E_{min} / E_{max}
12	6.73	18	0.549	0.374

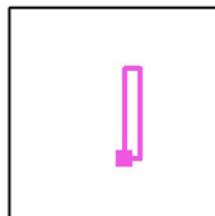


Exterior Scene -12ft X70 ft / Ground Element 12ft X70ft / Surface 1 / Value Chart (E)



Values in Footcandles, Scale 1 : 167

Position of surface in external scene:
Marked point:
(7.500 ft, -35.000 ft, 0.000 ft)



Grid: 2 x 12 Points

E_{av} [fc]	E_{min} [fc]	E_{max} [fc]	u0	E_{min} / E_{max}
12	6.73	18	0.549	0.374