



AccessFixtures

High-Performance Lighting Solutions

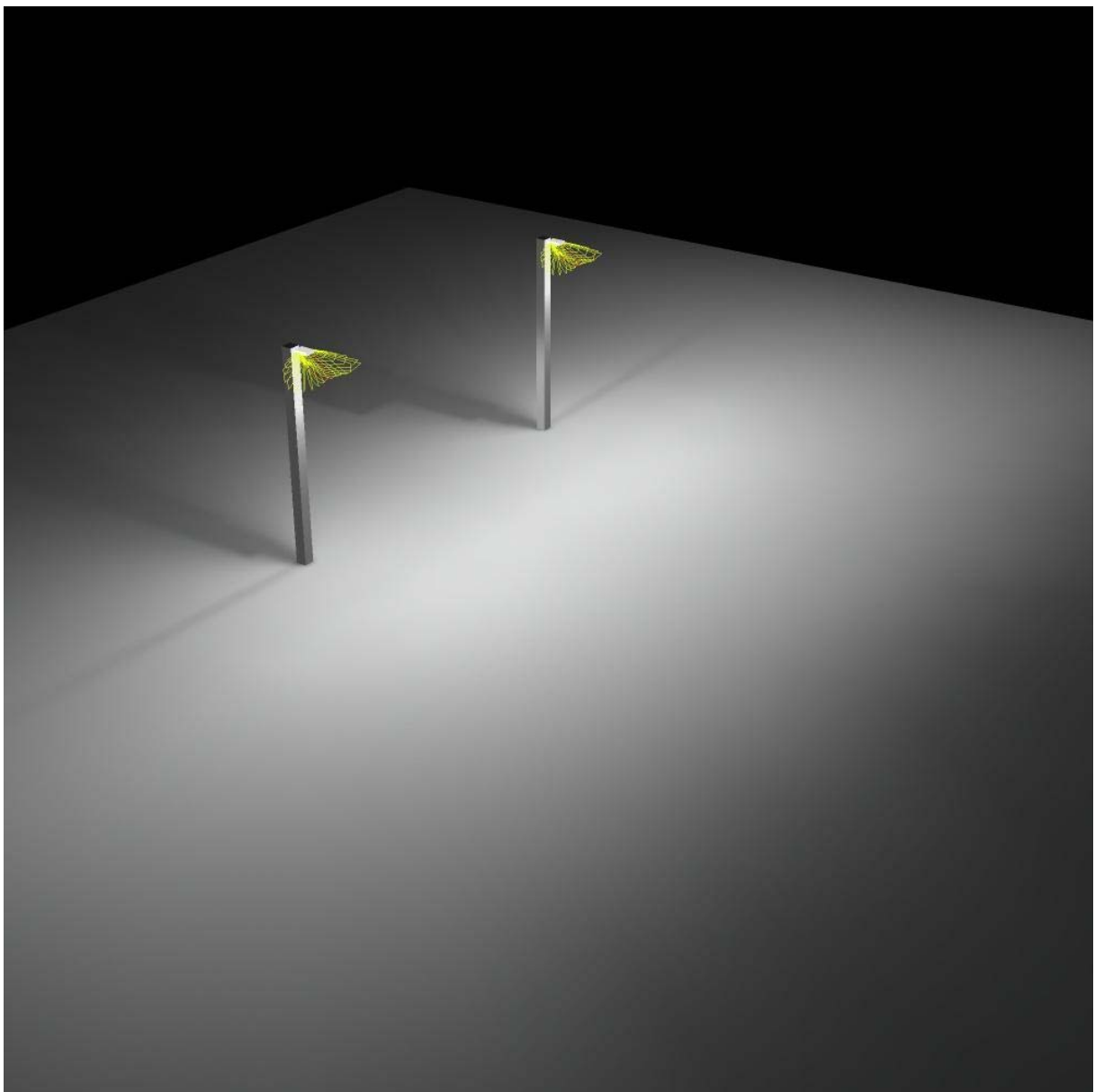
AccessFixtures.com 800.468.9922 Sales@AccessFixtures.com

Outdoor Side-by-Side Bocce Court

2 APTA 280s

2 20' Poles

11 fc - 2.66 Max/Min



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.:

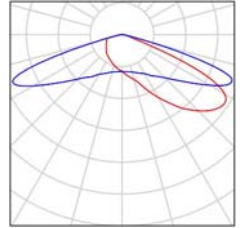
Table of contents

AFL-Bocce Court Lighting ZM-2019-000834	
Project Cover	1
Table of contents	2
Luminaire parts list	3
FLB280-T4M1 280W	
Luminaire Data Sheet	4
Exterior Scene 1	
Planning data	5
Luminaires (layout plan)	6
Luminaires (coordinates list)	7
Calculation surfaces (results overview)	8
3D Rendering	9
False Color Rendering	10
Exterior Surfaces	
Calculation Surface 1	
Value Chart (E, Perpendicular)	11
Calculation Surface 1	
Value Chart (E, Perpendicular)	12

AFL-Bocce Court Lighting ZM-2019-000834 / Luminaire parts list

2 Pieces FLB280-T4M1 280W
Article No.:
Luminous flux (Luminaire): 34393 lm
Luminous flux (Lamps): 34692 lm
Luminaire Wattage: 271.0 W
Luminaire classification according to CIE: 100
CIE flux code: 23 60 96 100 99
Fitting: 1 x NICHIA 3535 5000K D340 (Correction
Factor 1.000).

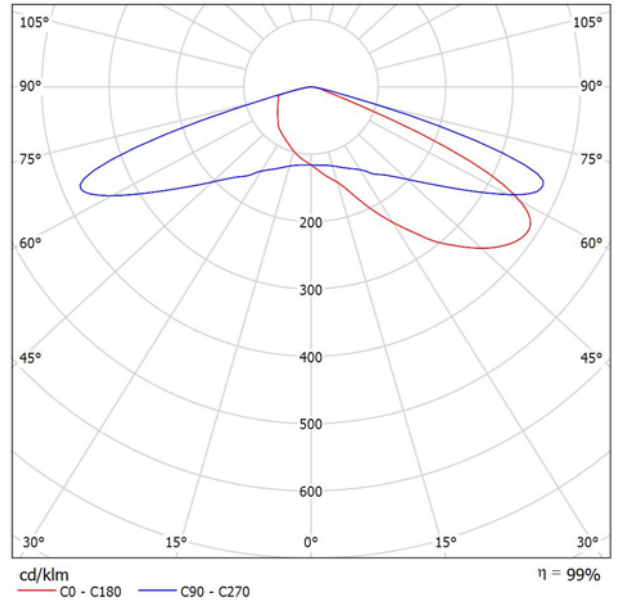
See our luminaire
catalog for an image of
the luminaire.



FLB280-T4M1 280W / Luminaire Data Sheet

Luminous emittance 1:

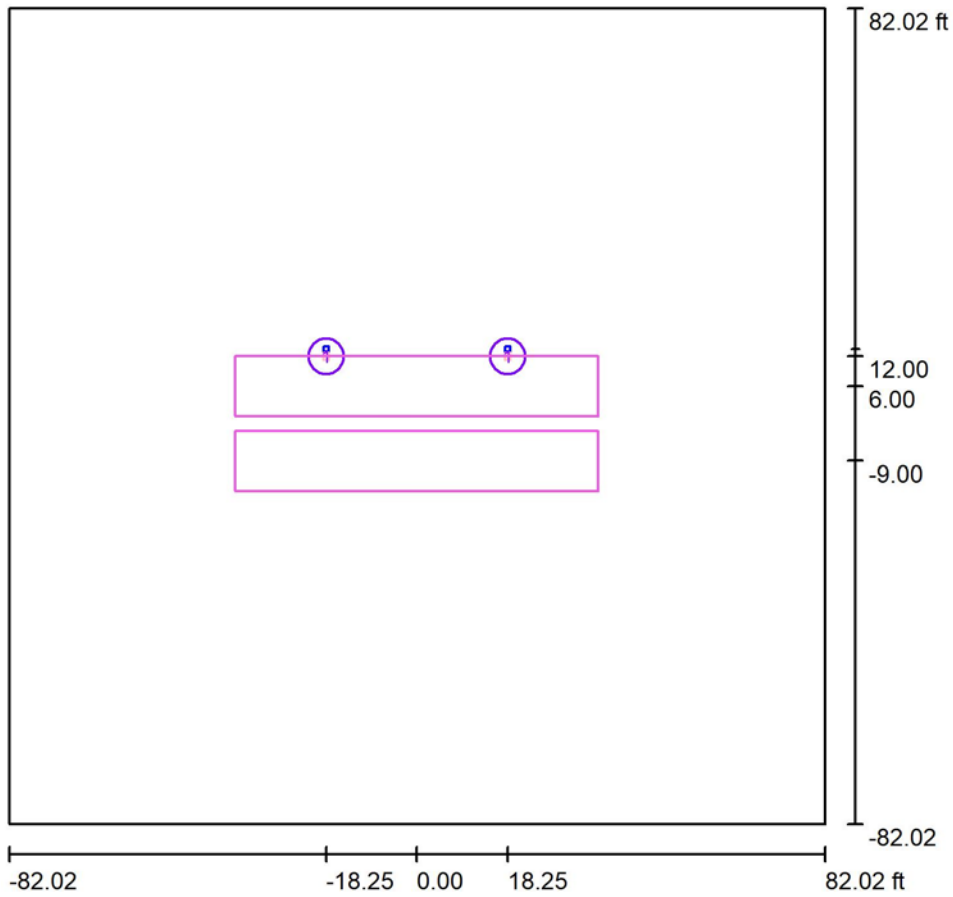
See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 23 60 96 100 99

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

Exterior Scene 1 / Planning data



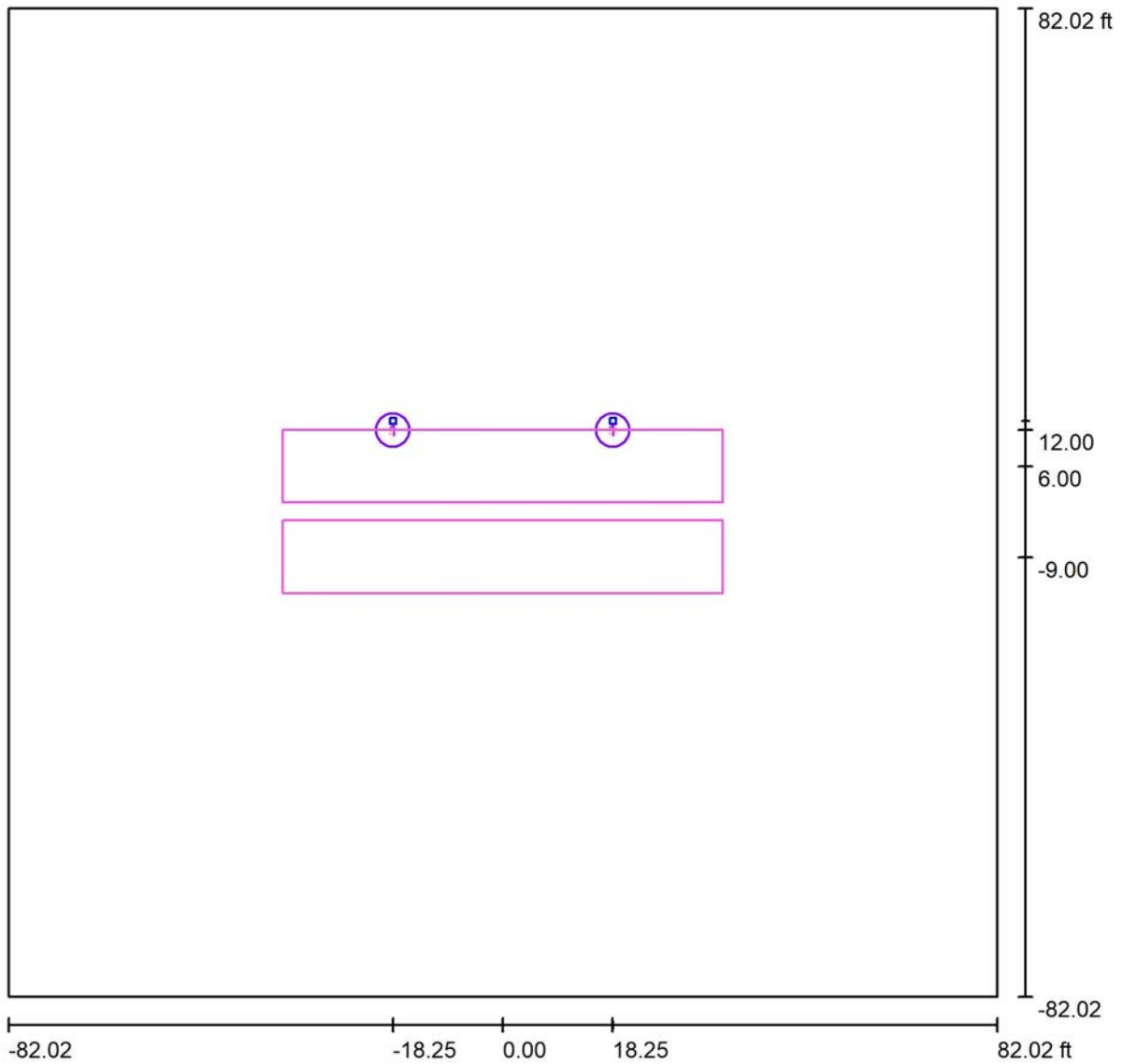
Light loss factor: 0.80, ULR (Upward Light Ratio): 0.0%

Scale 1:464

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	2	FLB280-T4M1 280W (1.000)	34393	34692	271.0
Total:			68787	69384	542.0

Exterior Scene 1 / Luminaires (layout plan)



Scale 1 : 358

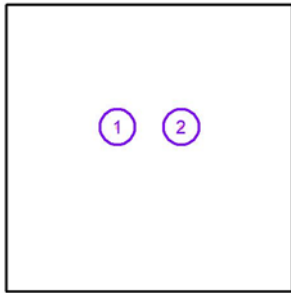
Luminaire Parts List

No.	Pieces	Designation
1	2	FLB280-T4M1 280W

Exterior Scene 1 / Luminaires (coordinates list)

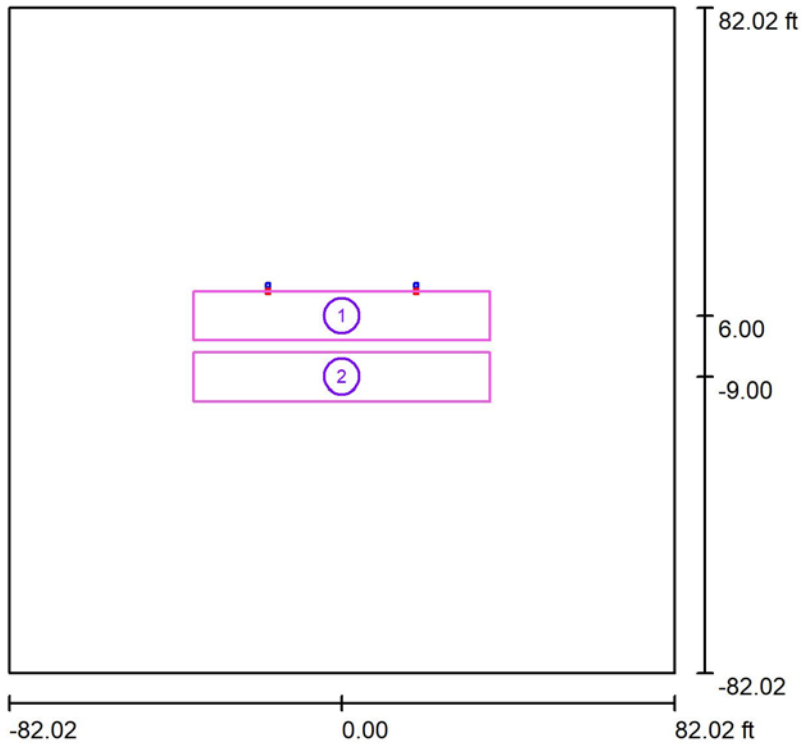
FLB280-T4M1 280W

34393 lm, 271.0 W, 1 x 1 x NICHIA 3535 5000K D340 (Correction Factor 1.000).



No.	Position [ft]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	-18.250	12.000	20.000	0.0	0.0	-90.0
2	18.250	12.000	20.000	0.0	0.0	-90.0

Exterior Scene 1 / Calculation surfaces (results overview)



Scale 1 : 569

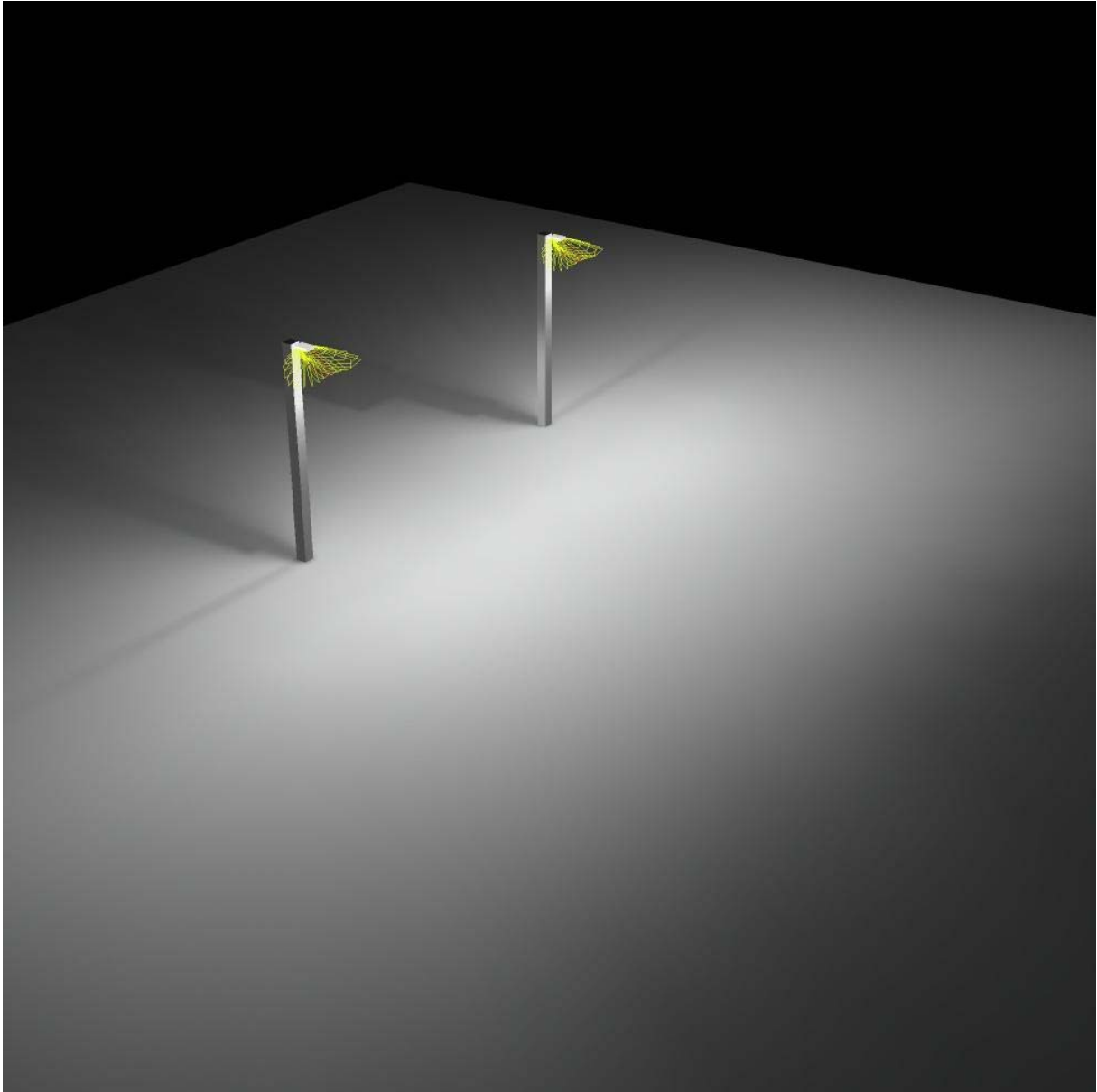
Calculation Surface List

No.	Designation	Type	Grid	E_{av} [fc]	E_{min} [fc]	E_{max} [fc]	u0	E_{min} / E_{max}
1	Calculation Surface 1	perpendicular	128 x 32	12	6.23	15	0.535	0.422
2	Calculation Surface 1	perpendicular	128 x 32	10	5.64	14	0.548	0.402

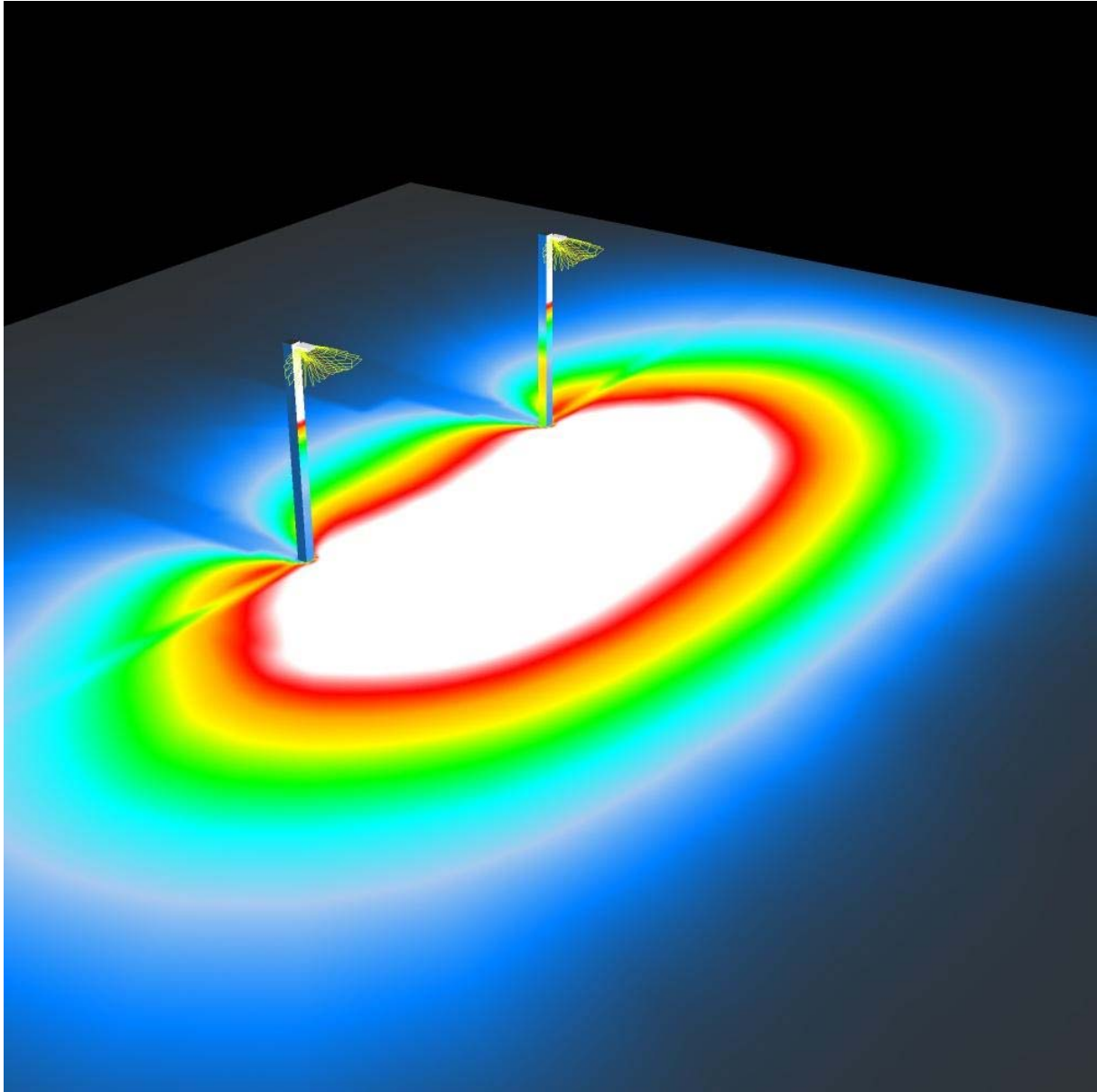
Summary of Results

Type	Quantity	Average [fc]	Min [fc]	Max [fc]	u0	E_{min} / E_{max}
perpendicular	2	11	5.64	15	0.51	0.38

Exterior Scene 1 / 3D Rendering

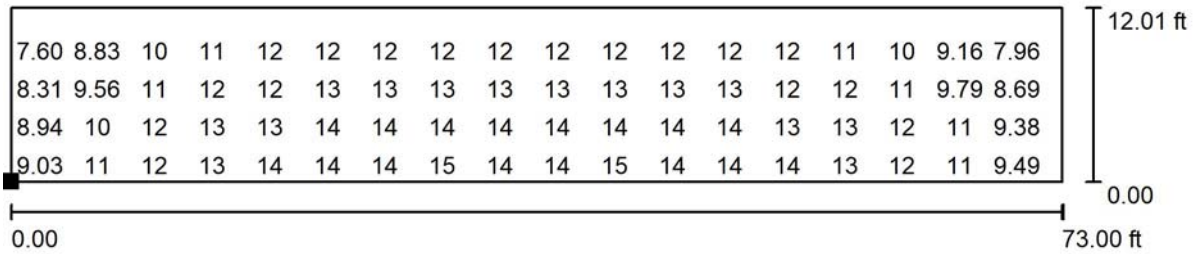


Exterior Scene 1 / False Color Rendering



0 1.25 2.50 3.75 5.00 6.25 7.50 8.75 10.00 fc

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



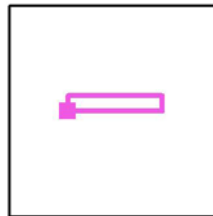
Values in Footcandles, Scale 1 : 160

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(-36.500 ft, -0.005 ft, 0.000 ft)



Grid: 128 x 32 Points

E_{av} [fc]
12

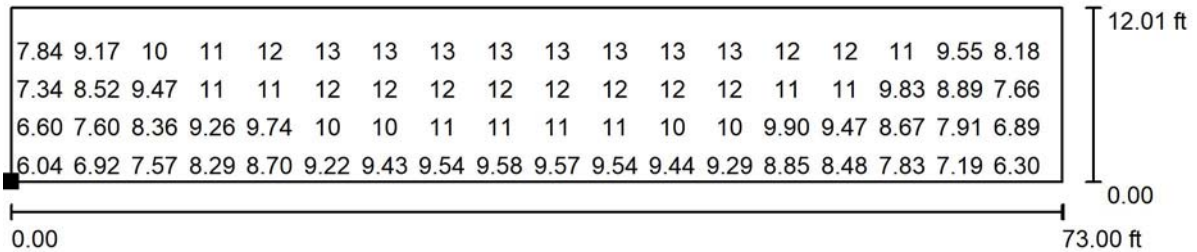
E_{min} [fc]
6.23

E_{max} [fc]
15

u0
0.535

E_{min} / E_{max}
0.422

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



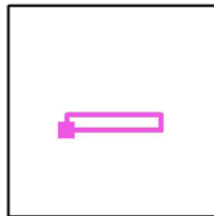
Values in Footcandles, Scale 1 : 160

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(-36.500 ft, -15.005 ft, 0.000 ft)



Grid: 128 x 32 Points

E_{av} [fc]
10

E_{min} [fc]
5.64

E_{max} [fc]
14

u_0
0.548

E_{min} / E_{max}
0.402