



3D COLOR RENDERING

Luminaire Label	Location	Summary	V	I	Orientation	Height
1	600W 15D	254.2	238	67	259	64
2	600W 15D	254.2	-28	67	659	64
3	600W 15D	75.0	-28	67	154	64
4	600W 15D	75.0	238	67	242	64
5	600W 15D	257.2	-27	70	60	60
6	600W 15D	257.2	237	70	300	60
7	600W 15D	72.0	-27	70	320	60
8	600W 15D	72.0	237	70	240	60
9	600W 15D	95.0	-25	27	242	50
10	600W 15D	95.0	238	67	218	50
11	600W 15D	260.2	238	67	332	50
12	600W 15D	260.2	-28	67	38	50
13	600W 15D	91	238	67	320	50
14	600W 15D	238	238	67	320	50
15	600W 15D	238	-28	67	140	50
16	600W 15D	90	-28	67	40	50
17	600W 15D	238	-27	70	125	50
18	600W 15D	91	-27	70	55	50
19	600W 15D	242	238	67	245	64
20	600W 15D	18	238	67	255	64
21	600W 25D	88	-27	70	70	55
22	600W 25D	88	237	70	230	55
23	600W 25D	91	237	70	305	55
24	600W 25D	239	237	70	235	60
25	600W 25D	242	-28	67	150	55
26	600W 25D	242	237	70	250	55
27	600W 25D	72.0	-28	67	123	60
28	600W 25D	18	-28	67	167	60
29	600W 25D	242	-28	67	115	58
30	600W 25D	257.2	238	67	303	60
31	600W 25D	73	-28	61	210	55
32	600W 25D	73	240	61	330	55
33	600W 25D	239	-28	67	78	55
34	600W 25D	257	240	61	200	55
35	600W 25D	249	237	70	270	50
36	600W 25D	249	-28	67	84	50
37	600W 25D	92	237	70	270	50
38	600W 25D	92	-27	70	80	50
39	600W 25D	248	238	67	370	50
40	600W 25D	248	-28	67	90	50
41	600W 25D	92	-28	67	90	50
42	600W 25D	92	238	67	270	50
43	600W 25D	251.2	-27	70	85	50
44	600W 25D	251.2	237	70	275	50
45	600W 25D	78.0	-28	67	15	50
46	600W 25D	78.0	238	67	285	50
47	600W 25D	75.0	-27	70	123	60
48	600W 25D	75.0	237	70	247	60
49	600W 25D	254.2	-27	70	67	60
50	600W 25D	254.2	237	70	259	60
51	600W 25D	260.2	-27	70	45	50
52	600W 25D	260.2	237	70	315	60
53	600W 25D	95.0	237	70	215	50
54	600W 25D	95.0	-27	70	335	50
55	600W 25D	78.0	-27	70	300	60
56	600W 25D	78.0	237	70	260	60
57	600W 25D	251.2	-28	67	80	60
58	600W 25D	251.2	236	67	280	60
59	600W 25D	245	-28	67	167	60
60	600W 25D	245	238	67	243	60
61	600W 25D	95	238	67	278	40
62	600W 25D	95	-28	67	82	40
63	600W 25D	245	-27	70	305	50
64	600W 25D	245	237	70	255	50
65	600W 25D	95	-27	70	75	50
66	600W 25D	95	237	70	285	50
67	600W 25D	257.2	-27	70	27	50
68	600W 25D	257.2	238	67	274	50

Scale: 1 inch= 20 Ft.

330FT x 210FT SOCCER FIELD

Symbol	Qty	Label	Arrangement	LLF	Description	Lum. Watts
	48	600W 25D	SINGLE	0.900	600W 25Degree	610.4
	20	600W 15D	SINGLE	0.900	600W 15Degree	600

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts_1	Illuminance	Fc	50.21	72	35	1.43	2.06

Mounting Height=61ft to 70ft
 Tilt As Shown
 Red Lines Are Aim Points
 Light Loss Factor=0.9 (Maintained Fc)
 Calculation Grid 3ft Above Grade (Z=3)
 17 Fixtures Per Pole
 Pole Setback From Field=30ft

THIS ANALYSIS IS BASED ON COMPUTER DATA DERIVED FROM A FIXTURE TESTED BY AN INDEPENDENT TESTING LABORATORY IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS & UNDER CONTROLLED CONDITIONS.

#	Date	Comments
Revisions		

Drawn By: Bob Veasey (Photometrics LLC)
 Checked By:
 Date: 2/19/2019
 Scale: 1"=20' Lat. 22"x34" Print Size:

US SOCCER FIELD
 LED Floodlights