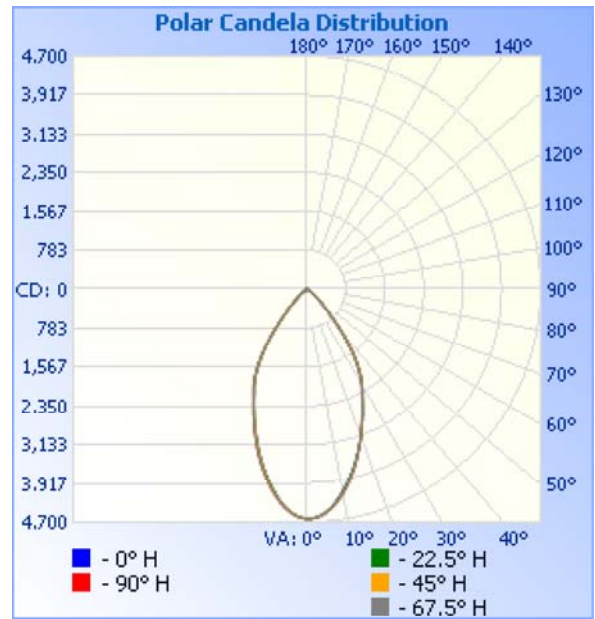


Photometrics Pro

Luminaire Photometric Report

Filename: C10-D54W-30E_IESNA2002
Manufacturer: Shenzhen OKT Lighting CO.,LTD
Luminaire: C10-D54W-30E
Lamp Output: Total luminaire Lumens: 4059.7
Max Candela: 4,625.1 at Horizontal: 0°, Vertical: 0°
Input Wattage: 53.3
Luminous Opening: Point
Test: Jenson
Test Date: 27 June 2019
Test Lab: Ningbo TengLi Testing Co., Ltd
Photometry : Type C
Nema Type: 5 X 5

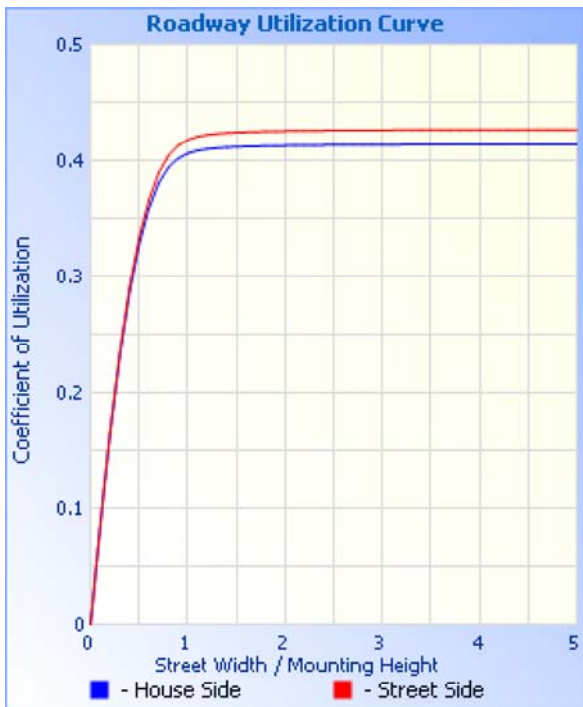
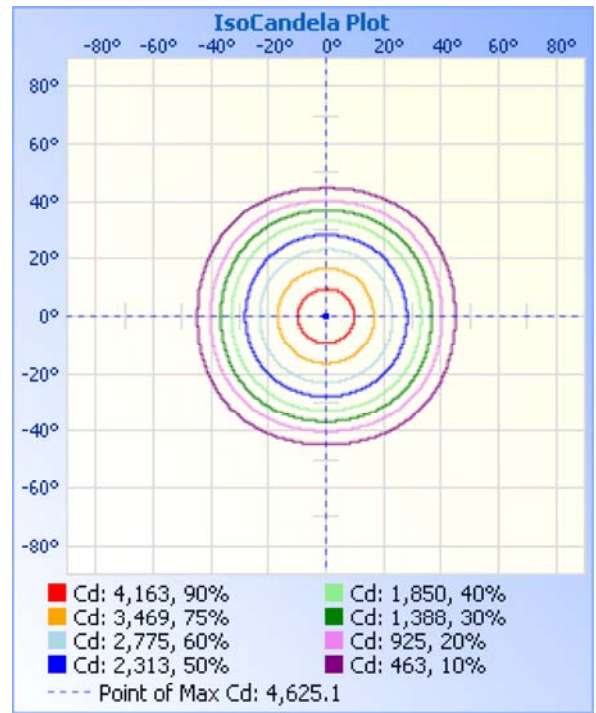
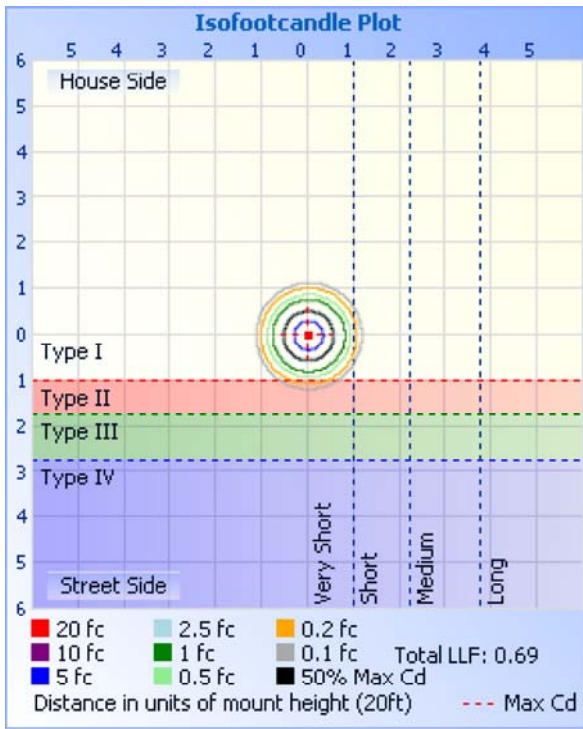


Roadway Summary		
Cutoff Classification:	CUTOFF	
Distribution:	Type VS	
Max Cd, 90 Deg Vert:	0.0	
Max Cd, 80 to <90 Deg:	7.6	
	Lumens % Lamp	
Downward Street Side:	2,061.5	50.8%
Downward House Side:	1,998.9	49.2%
Downward Total:	4,060.4	100%
Upward Street Side:	0.2	0%
Upward House Side:	0.2	0%
Upward Total:	0.4	0%
Total Lumens:	4,060.8	100%

Flood Summary				
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	94.6%	3,838.6	89.6	89.3
Beam (50%):	58.7%	2,384.3	56.3	56.2
Total:	100%	4,060.0		

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	2,620.1	64.5%
0-40	3,599.9	88.7%
0-60	4,023.5	99.1%
60-90	35.8	0.9%
70-100	14.4	0.4%
90-120	0.0	0%
0-90	4,059.3	100%
90-180	0.4	0%
0-180	4,059.7	100%

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	416.7	10.3%	90-100	0.0	0%
10-20	1,013.0	25.0%	100-110	0.0	0%
20-30	1,190.4	29.3%	110-120	0.0	0%
30-40	979.8	24.1%	120-130	0.0	0%
40-50	362.4	8.9%	130-140	0.1	0%
50-60	61.2	1.5%	140-150	0.1	0%
60-70	21.3	0.5%	150-160	0.1	0%
70-80	11.1	0.3%	160-170	0.1	0%
80-90	3.3	0.1%	170-180	0.0	0%



	Center Beam fc	Beam Width
24.0ft	8.03 fc	25.6 ft 25.7 ft
48.0ft	2.01 fc	51.3 ft 51.3 ft
72.0ft	0.89 fc	76.9 ft 77.0 ft
96.0ft	0.50 fc	102.6 ft 102.6 ft
120.0ft	0.32 fc	128.2 ft 128.3 ft

■ Vert. Spread: 56.2°
■ Horiz. Spread: 56.3°

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.13	1.10	1.08	1.05	1.11	1.08	1.06	.93	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.95	.93
2	1.07	1.02	.98	.95	1.05	1.01	.97	.87	.97	.94	.91	.94	.92	.89	.92	.89	.88	.86
3	1.02	.95	.90	.86	1.00	.94	.89	.80	.91	.87	.84	.88	.85	.82	.86	.83	.81	.79
4	.96	.88	.83	.78	.94	.87	.82	.75	.85	.80	.77	.83	.79	.76	.81	.78	.75	.73
5	.91	.82	.76	.72	.89	.81	.76	.69	.80	.75	.71	.78	.74	.70	.76	.73	.70	.68
6	.86	.77	.71	.66	.85	.76	.70	.64	.75	.69	.66	.73	.69	.65	.72	.68	.65	.63
7	.82	.72	.66	.62	.80	.71	.66	.60	.70	.65	.61	.69	.64	.61	.68	.64	.60	.59

8	.78	.68	.62	.57	.76	.67	.61	.56	.66	.61	.57	.65	.60	.57	.64	.60	.56	.55
9	.74	.64	.58	.53	.73	.63	.57	.53	.62	.57	.53	.61	.56	.53	.60	.56	.53	.51
10	.70	.60	.54	.50	.69	.60	.54	.50	.59	.54	.50	.58	.53	.50	.57	.53	.50	.48

Candela Table - Type C

	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5	360
0	4625	4625	4625	4625	4625	4625	4625	4625	4625	4625	4625	4625	4625	4625	4625	4625	4625
1	4623	4624	4624	4625	4624	4622	4619	4617	4615	4615	4613	4616	4616	4618	4619	4621	4623
2	4609	4610	4612	4612	4613	4610	4603	4597	4593	4591	4591	4595	4596	4600	4602	4605	4609
3	4582	4585	4588	4590	4591	4586	4576	4568	4559	4557	4558	4564	4566	4572	4575	4578	4582
4	4545	4549	4555	4558	4560	4552	4538	4526	4516	4512	4515	4523	4526	4534	4539	4542	4545
5	4497	4503	4512	4516	4520	4508	4491	4474	4461	4457	4462	4472	4477	4487	4493	4495	4497
6	4440	4448	4459	4465	4468	4455	4434	4413	4396	4392	4399	4412	4418	4431	4437	4439	4440
7	4375	4384	4399	4406	4408	4392	4369	4342	4323	4317	4328	4344	4350	4364	4374	4376	4375
8	4301	4310	4328	4337	4341	4322	4296	4267	4242	4238	4251	4268	4275	4292	4304	4305	4301
9	4222	4232	4253	4263	4265	4244	4215	4183	4156	4151	4167	4186	4193	4210	4227	4227	4222
10	4138	4148	4171	4183	4182	4159	4128	4093	4063	4060	4077	4098	4107	4123	4145	4145	4138
11	4049	4058	4083	4094	4094	4068	4036	4000	3968	3964	3982	4005	4012	4029	4055	4057	4049
12	3957	3968	3992	4003	4000	3974	3940	3903	3872	3868	3886	3911	3918	3931	3963	3967	3957
13	3864	3872	3896	3905	3903	3874	3840	3803	3772	3767	3787	3811	3819	3828	3868	3873	3864
14	3767	3775	3798	3807	3803	3775	3740	3703	3672	3667	3685	3711	3719	3722	3771	3777	3767
15	3670	3677	3696	3704	3700	3670	3635	3598	3569	3564	3581	3607	3615	3609	3669	3677	3670
16	3572	3576	3592	3597	3594	3563	3526	3493	3464	3457	3472	3499	3509	3495	3562	3575	3572
17	3469	3474	3485	3488	3484	3453	3418	3383	3359	3351	3364	3391	3400	3378	3454	3471	3469
18	3365	3368	3376	3376	3373	3343	3306	3275	3252	3242	3255	3281	3289	3263	3343	3364	3365
19	3261	3263	3267	3265	3262	3230	3196	3167	3145	3135	3145	3171	3181	3153	3233	3256	3261
20	3156	3156	3157	3154	3150	3119	3085	3060	3040	3029	3039	3063	3070	3046	3122	3148	3156
21	3050	3051	3050	3045	3042	3011	2977	2954	2937	2925	2933	2958	2964	2943	3013	3040	3050
22	2947	2947	2943	2938	2934	2902	2872	2851	2834	2821	2830	2854	2857	2843	2906	2935	2947
23	2844	2844	2840	2832	2826	2798	2768	2748	2732	2721	2729	2752	2754	2745	2801	2829	2844
24	2741	2743	2738	2730	2725	2696	2667	2649	2632	2621	2630	2653	2653	2647	2698	2727	2741
25	2640	2643	2639	2629	2623	2594	2569	2550	2534	2524	2533	2554	2554	2550	2598	2626	2640
26	2542	2546	2541	2531	2523	2496	2473	2455	2440	2430	2440	2460	2460	2458	2501	2529	2542
27	2449	2452	2447	2439	2431	2407	2385	2369	2354	2345	2355	2374	2375	2373	2411	2436	2449
28	2364	2366	2363	2354	2346	2324	2304	2287	2274	2266	2276	2295	2297	2295	2329	2352	2364
29	2288	2288	2285	2276	2268	2248	2229	2212	2196	2188	2199	2219	2222	2223	2255	2276	2288
30	2211	2212	2209	2200	2192	2171	2145	2123	2106	2098	2108	2130	2133	2141	2173	2198	2211
31	2122	2122	2120	2108	2098	2074	2048	2024	2006	1998	2008	2030	2034	2045	2080	2106	2122
32	2023	2022	2018	2003	1993	1969	1941	1915	1899	1890	1901	1921	1924	1942	1975	2004	2023
33	1915	1915	1910	1891	1880	1858	1831	1798	1780	1771	1784	1804	1810	1830	1865	1896	1915
34	1800	1801	1794	1773	1762	1741	1712	1681	1661	1652	1667	1687	1687	1712	1749	1780	1800
35	1678	1677	1671	1648	1643	1623	1593	1564	1542	1534	1549	1570	1560	1587	1623	1658	1678
36	1548	1547	1539	1521	1525	1505	1473	1435	1409	1400	1418	1439	1429	1458	1493	1526	1548
37	1411	1410	1403	1387	1392	1370	1336	1300	1272	1263	1280	1302	1296	1323	1358	1390	1411
38	1273	1271	1264	1252	1257	1237	1199	1160	1135	1125	1143	1167	1164	1193	1222	1249	1273
39	1133	1132	1129	1116	1125	1102	1065	1024	1005	991	1008	1034	1034	1062	1088	1112	1133
40	998	995	994	983	997	974	934	895	879	864	879	906	909	937	957	975	998
41	870	868	868	860	874	850	811	774	761	747	760	786	791	819	836	850	870
42	762	762	763	756	757	736	699	665	654	643	651	675	687	718	734	745	762
43	655	656	657	652	652	632	598	570	559	550	557	577	583	616	633	641	655
44	548	550	552	548	555	537	510	485	476	469	474	489	492	515	531	537	548
45	467	468	469	464	470	455	432	412	404	398	402	412	415	435	451	456	467
46	397	396	396	390	395	383	365	347	341	336	341	346	345	364	379	384	397
47	335	334	332	326	330	320	305	291	286	281	284	287	285	301	315	322	335
48	279	278	275	268	272	264	251	239	236	231	238	236	232	245	258	267	279
49	230	228	223	216	227	220	209	196	194	190	193	192	185	196	207	219	230
50	185	184	178	170	181	175	166	152	153	148	148	149	145	154	165	174	185

51	147	144	138	132	136	131	124	118	120	116	115	115	112	119	128	136	147
52	115	112	106	100	103	100	94	91	94	90	89	88	85	91	98	105	115
53	91	87	82	85	80	78	75	74	78	74	72	70	74	78	78	82	91
54	80	76	71	70	65	65	63	64	68	64	62	60	62	66	68	72	80
55	69	66	61	55	56	56	55	56	60	56	54	52	51	54	57	62	69
56	58	55	51	48	49	49	48	49	53	50	48	46	45	47	49	52	58
57	51	49	44	42	43	43	42	44	47	45	43	41	40	41	43	46	51
58	45	43	39	37	38	38	38	39	42	40	38	36	35	36	38	40	45
59	40	39	35	33	34	34	34	35	38	36	34	33	32	33	34	36	40
60	36	35	32	30	31	31	31	32	35	33	31	30	29	30	31	33	36
61	33	32	29	28	28	28	28	29	31	30	28	27	26	27	28	30	33
62	30	29	26	25	26	26	26	27	29	27	26	25	24	25	26	27	30
63	27	27	24	23	24	24	24	25	26	25	24	23	22	23	23	25	27
64	25	25	23	22	22	22	22	23	24	23	22	21	21	21	22	23	25
65	23	23	21	20	20	20	20	21	22	22	20	20	19	20	20	21	23
66	22	21	19	19	19	19	19	20	21	20	19	18	18	18	19	20	22
67	20	20	18	17	18	18	18	18	19	19	18	17	17	17	17	18	20
68	19	18	17	16	16	16	16	17	18	17	17	16	16	16	16	17	19
69	17	17	16	15	15	15	15	16	17	16	15	15	15	15	15	16	17
70	16	16	15	14	14	14	14	15	16	15	14	14	14	14	14	15	16
71	15	15	14	13	13	13	13	14	14	14	13	13	13	13	13	14	15
72	14	14	13	12	12	12	12	13	14	13	13	12	12	12	12	13	14
73	13	13	12	12	12	12	12	12	13	12	12	11	11	11	12	12	13
74	12	12	11	11	11	11	11	11	12	11	11	11	10	11	11	12	12
75	11	11	11	10	10	10	10	10	11	11	10	10	10	10	10	11	11
76	11	11	10	9	9	9	9	10	10	10	10	9	9	9	9	10	11
77	10	10	9	9	9	9	9	9	9	9	9	9	8	9	9	9	10
78	9	9	8	8	8	8	8	8	9	8	8	8	8	8	8	9	9
79	8	8	8	7	7	7	7	8	8	8	7	7	7	7	7	8	8
80	8	7	7	7	7	7	7	7	7	7	7	7	6	7	7	7	8
81	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
82	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	6	6
83	5	5	5	5	5	5	4	4	5	4	4	4	4	4	5	5	5
84	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
85	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
86	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
87	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2
88	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1
89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104																	

	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157																	

	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Luminaire Report Summary

IESNA:LM-63-2002
[TEST] Jenson
[TESTLAB] Ningbo TengLi Testing Co., Ltd
[TESTDATE] 27 June 2019
[ISSUE DATE] 2019-06-27 13:58:22
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[MANUFAC] Shenzhen OKT Lighting CO.,LTD
[LUMINAIRE] C10-D54W-30E

FILE: CREATED USING ABSOLUTE PHOTOMETRY
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 181, HORIZONTAL ANGLES: 17
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: METRIC
FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.