

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627956 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-750-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627956 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-16)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6D-750-U-MWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 42797.3 lumens
Efficiency: N/A
Efficacy: 131.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 59958.5 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 28665.5 lumens
Beam Efficiency: 67.0%

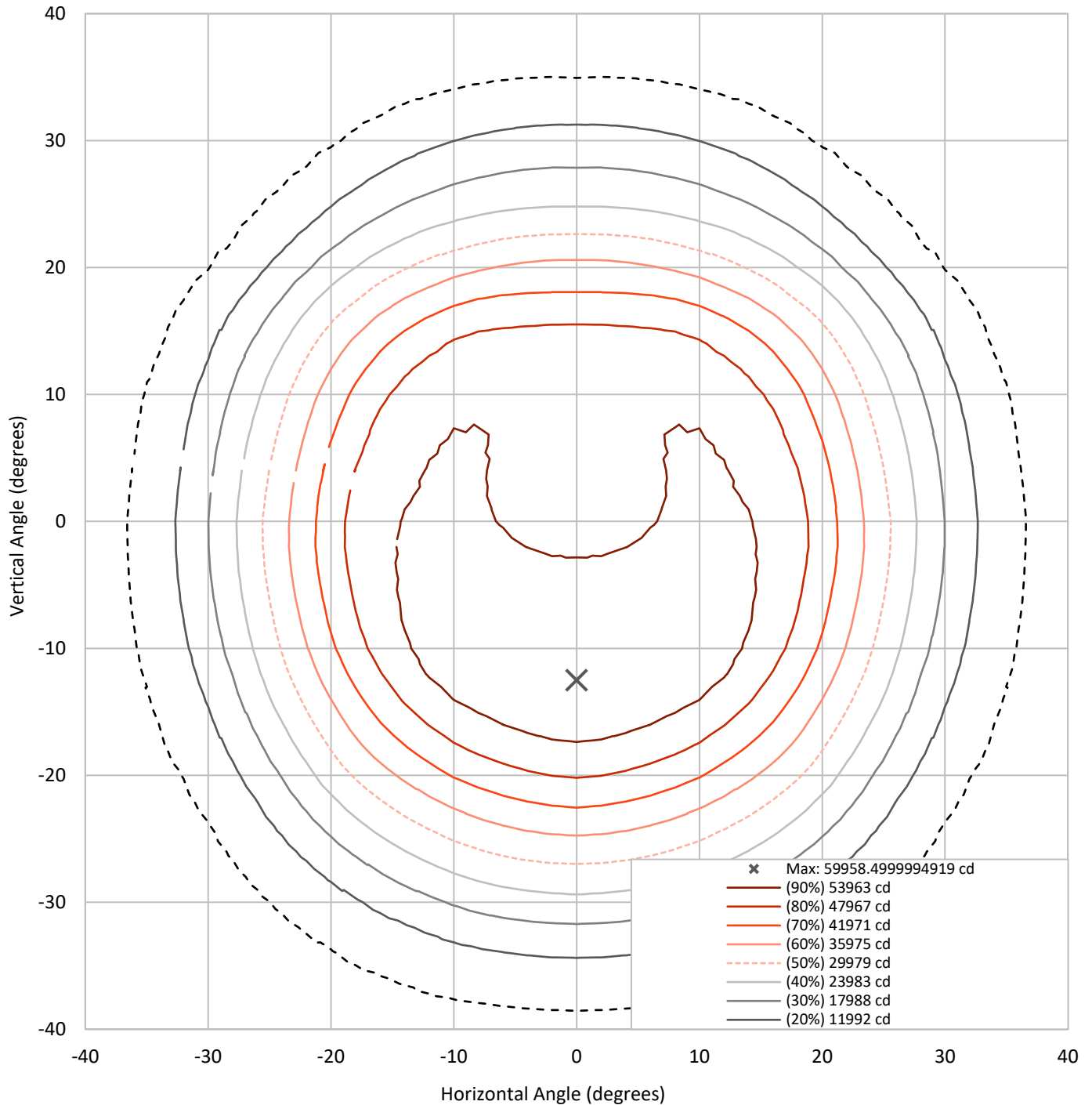
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 38575.2 lumens
Field Efficiency: 90.1%

Input Watts (W): 325.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA6D-750-U-MWR-VSR-XX

Iso-Candela Plot





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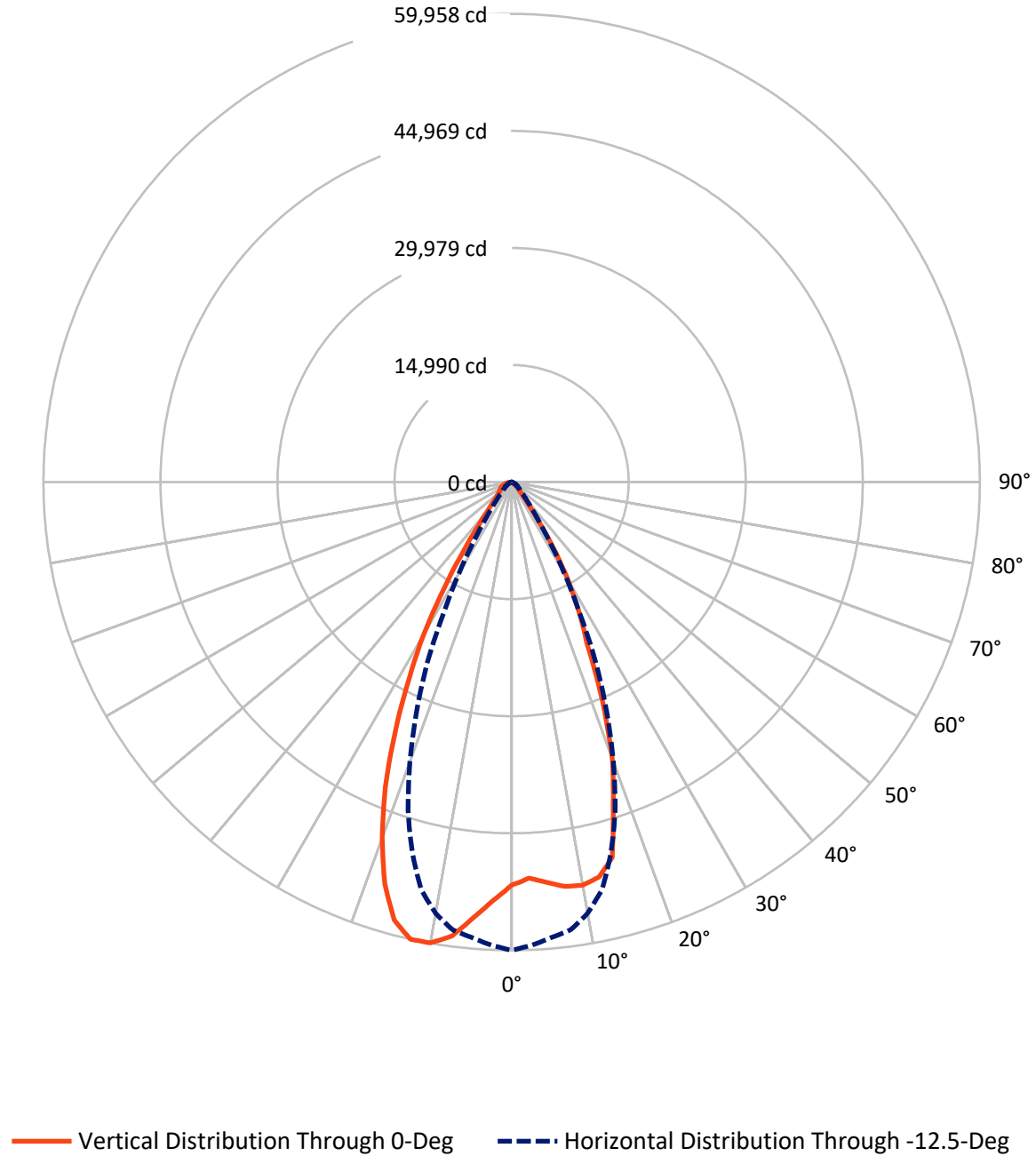
CATALOG NUMBER: GFLD-SA6D-750-U-MWR-VSR-XX

Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1				
50		0.1	0.3	1.4	3.5	5.9	8.2	9.5	9.5	8.2	5.9	3.5	1.4	0.3	0.1				
40	0.2	0.2	1.7	6.0	12.0	19.7	29.3	36.0	36.0	29.3	19.7	12.0	6.0	1.7	0.2				
30		0.8	4.8	12.4	25.7	55.6	126.3	192.9	192.9	126.3	55.6	25.7	12.4	4.8	0.8				
20	0.5	1.7	8.0	20.0	53.7	199.0	512.3	716.1	716.1	512.3	199.0	53.7	20.0	8.0	1.7				
10		2.8	11.2	30.9	127.8	552.5	1152.6	1427.0	1427.0	1152.6	552.5	127.8	30.9	11.2	2.8				
0	0.9	3.7	13.8	39.8	203.5	813.6	1486.0	1611.0	1611.0	1486.0	813.6	203.5	39.8	13.8	3.7				
-10		4.4	15.2	42.6	212.9	840.3	1539.5	1709.9	1709.9	1539.5	840.3	212.9	42.6	15.2	4.4				
-20	1.2	4.7	15.5	38.8	152.3	625.6	1298.8	1658.3	1658.3	1298.8	625.6	152.3	38.8	15.5	4.7				
-30		4.5	14.7	32.2	85.2	303.5	723.7	1018.4	1018.4	723.7	303.5	85.2	32.2	14.7	4.5				
-40	1.1	4.0	13.2	26.8	50.8	108.1	226.1	335.5	335.5	226.1	108.1	50.8	26.8	13.2	4.0				
-50		3.3	11.0	22.3	37.1	54.8	77.1	91.5	91.5	77.1	54.8	37.1	22.3	11.0	3.3				
-60	0.8	2.5	8.3	17.5	29.2	40.4	50.4	55.2	55.2	50.4	40.4	29.2	17.5	8.3	2.5				
-70		1.7	5.3	12.0	20.5	28.9	36.6	40.9	40.9	36.6	28.9	20.5	12.0	5.3	1.7				
-80	0.3	4.7	21.5	45.9	58.8	45.9	21.5	4.7	0.3										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

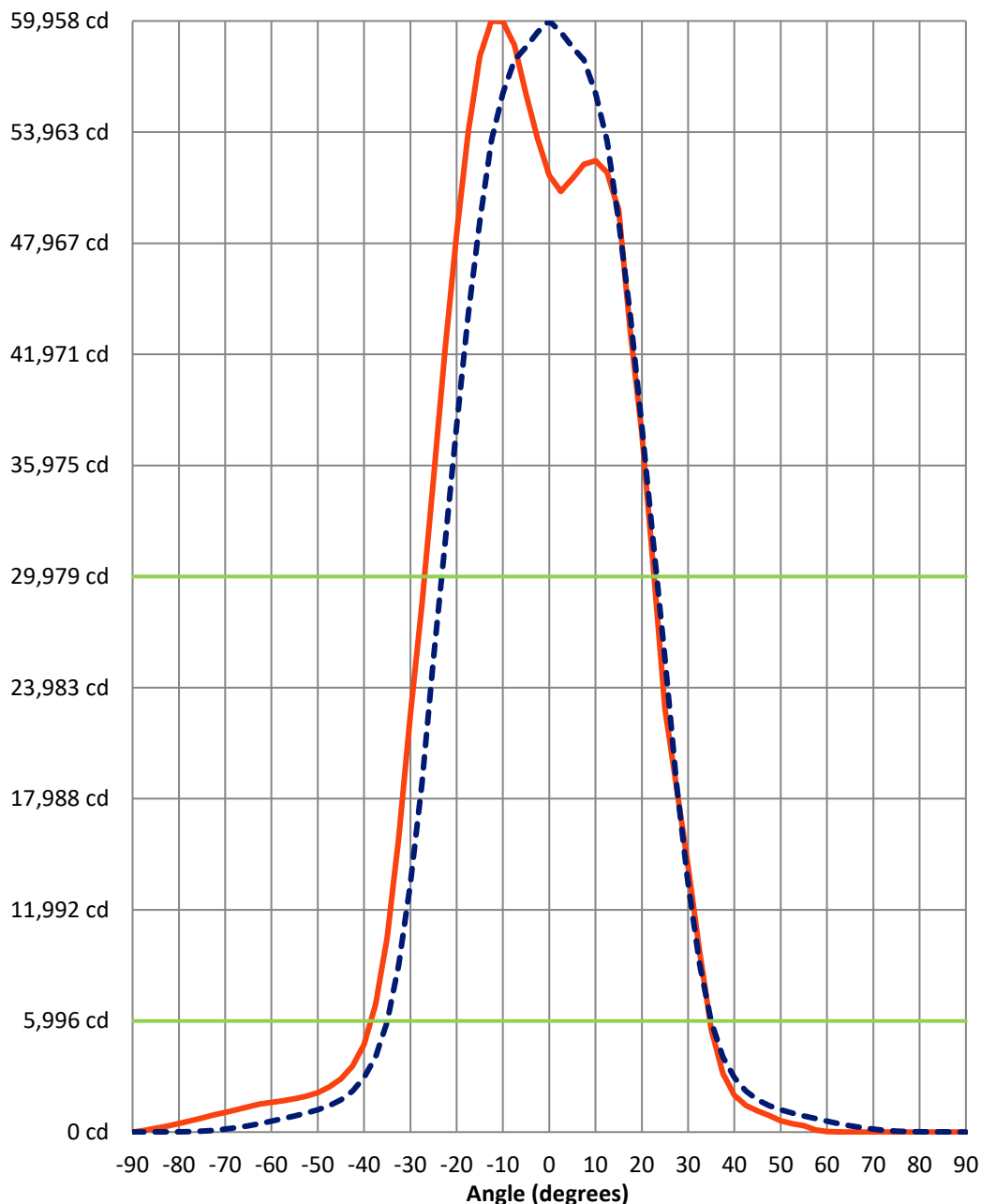
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 28665.5
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 38575.2
 Efficiency: 90.1%

Spill:
 Lumens: 4222.1
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through -12.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	1	0	0	0	0	0
72.5°	0	0	0	0	1	1	1	0	0	0	0
70°	0	0	0	0	2	2	1	0	0	0	0
67.5°	0	0	0	1	3	3	1	0	0	1	1
65°	0	0	0	2	4	4	1	0	2	3	3
62.5°	0	0	0	3	5	4	2	2	4	5	6
60°	0	0	0	4	6	4	2	4	7	7	9
57.5°	0	0	1	5	6	4	4	7	8	9	10
55°	0	0	1	6	7	5	6	10	9	10	10
52.5°	0	0	2	7	7	5	7	10	10	10	10
50°	0	0	3	8	7	6	9	10	10	10	11
47.5°	0	0	3	9	7	7	10	11	10	10	14
45°	0	0	4	9	8	8	11	12	10	12	16
42.5°	0	0	5	10	8	9	12	13	11	15	20
40°	0	0	5	10	8	9	13	13	12	18	23
37.5°	0	0	6	10	9	10	14	14	16	22	27
35°	0	0	6	10	9	10	15	15	20	28	37
32.5°	0	0	7	10	10	11	17	15	23	35	59
30°	0	0	7	10	10	13	17	16	27	43	79
27.5°	0	0	8	10	10	14	18	20	32	52	97
25°	0	0	8	10	10	15	18	23	40	66	114
22.5°	0	0	8	10	10	16	19	26	47	81	134
20°	0	0	9	10	10	17	19	29	56	94	155
17.5°	0	0	9	10	10	17	20	32	64	106	177
15°	0	0	9	10	10	18	21	37	73	117	198
12.5°	0	0	9	10	10	19	23	43	81	126	219
10°	0	0	10	10	10	19	24	51	88	141	239
7.5°	0	0	10	10	10	19	25	58	95	158	255
5°	0	0	10	10	10	20	27	65	100	175	267
2.5°	0	0	10	10	10	20	28	72	104	191	277
0°	0	0	10	10	10	20	29	79	108	206	285
-2.5°	0	0	10	10	11	21	35	81	122	216	300
-5°	0	0	10	10	12	22	40	84	135	224	314
-7.5°	0	1	10	10	12	23	44	85	147	230	325
-10°	0	1	10	10	13	23	48	87	156	236	333
-12.5°	0	1	9	10	14	24	51	88	163	241	339
-15°	0	1	9	10	14	24	54	89	165	244	343
-17.5°	0	1	9	10	15	25	55	92	164	244	342
-20°	0	2	9	10	15	25	56	96	162	243	338

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REPORT NUMBER: P627956 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	2	9	10	15	25	56	98	159	240	330
-25°	0	2	9	10	15	27	56	100	156	235	317
-27.5°	0	2	9	10	15	29	56	99	152	228	310
-30°	0	2	8	10	15	30	55	98	150	222	300
-32.5°	0	2	8	10	15	31	53	96	148	215	289
-35°	0	2	8	10	16	32	53	93	144	208	274
-37.5°	0	2	8	10	16	32	54	90	138	202	270
-40°	0	2	8	10	16	33	54	87	130	193	265
-42.5°	0	2	8	10	17	33	54	83	123	183	257
-45°	0	2	8	11	17	32	52	79	118	172	245
-47.5°	0	2	8	11	18	32	51	77	112	159	229
-50°	0	2	8	11	18	31	49	74	107	152	212
-52.5°	0	2	8	12	18	30	48	70	102	144	193
-55°	0	2	8	12	18	29	46	66	97	135	182
-57.5°	0	2	8	12	18	28	44	63	91	126	169
-60°	0	2	8	12	17	27	41	60	84	117	155
-62.5°	0	2	8	12	17	25	39	56	78	107	142
-65°	0	2	8	12	17	24	36	51	71	97	128
-67.5°	0	2	7	12	16	22	32	46	64	86	114
-70°	0	2	6	12	16	21	28	41	56	74	98
-72.5°	0	1	6	11	15	20	26	35	48	63	82
-75°	0	1	5	9	15	19	24	31	39	52	67
-77.5°	0	1	4	8	13	17	22	28	34	42	52
-80°	0	1	3	6	10	15	20	24	30	36	42
-82.5°	0	1	3	5	8	11	15	20	25	29	34
-85°	0	0	2	3	5	7	10	13	17	21	25
-87.5°	0	0	1	2	3	4	5	7	8	10	12
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627956 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	1	1	0	0	0	0	0	0	0
67.5°	1	3	3	2	0	0	0	1	0	0	0
65°	5	6	5	3	0	2	3	3	0	0	0
62.5°	9	8	5	4	6	7	6	3	1	2	3
60°	10	8	7	8	10	9	6	7	8	9	23
57.5°	10	9	9	11	11	10	12	14	35	59	65
55°	10	10	11	13	15	17	26	55	82	101	109
52.5°	11	11	15	18	23	37	68	100	126	147	173
50°	13	16	20	27	43	77	114	150	184	215	253
47.5°	16	21	30	43	80	123	168	214	254	297	351
45°	21	32	42	76	121	176	232	283	325	376	424
42.5°	25	48	72	108	172	238	301	343	389	445	508
40°	41	67	103	158	227	305	362	407	455	533	610
37.5°	60	95	137	209	292	367	422	476	547	637	730
35°	82	120	183	263	355	425	486	554	652	755	865
32.5°	105	145	227	318	405	480	548	649	752	866	1016
30°	126	183	272	371	452	530	626	739	841	980	1157
27.5°	150	221	317	414	497	579	705	814	931	1089	1301
25°	175	261	359	453	539	642	781	897	1017	1219	1504
22.5°	206	298	400	490	579	709	858	1002	1159	1361	1712
20°	238	334	437	533	619	774	940	1117	1330	1611	2071
17.5°	268	367	473	577	684	843	1028	1237	1503	1853	2529
15°	295	396	508	620	746	914	1118	1374	1695	2130	2971
12.5°	320	422	542	663	801	978	1196	1475	1854	2480	3537
10°	343	445	574	704	850	1034	1264	1560	1984	2731	3960
7.5°	361	470	604	743	892	1083	1322	1629	2098	2928	4289
5°	378	499	630	773	923	1123	1370	1683	2194	3073	4543
2.5°	392	526	651	797	946	1155	1408	1733	2287	3191	4758
0°	403	550	668	816	963	1180	1435	1770	2359	3274	4925
-2.5°	417	563	692	831	991	1197	1448	1796	2383	3285	4892
-5°	429	572	711	843	1012	1207	1452	1806	2380	3259	4791
-7.5°	438	577	725	852	1024	1212	1453	1800	2355	3205	4627
-10°	445	583	730	863	1028	1211	1446	1778	2299	3099	4381
-12.5°	455	589	731	868	1026	1204	1427	1738	2211	2941	4064
-15°	461	593	730	868	1022	1191	1396	1683	2094	2729	3672
-17.5°	464	593	727	860	1013	1172	1355	1616	1985	2544	3391
-20°	463	592	723	846	1002	1152	1327	1565	1894	2366	3049

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CATALOG NUMBER: GFLD-SA6D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	458	587	716	834	982	1131	1294	1503	1779	2166	2718
-25°	449	580	708	826	961	1107	1252	1435	1676	2018	2477
-27.5°	433	568	693	814	937	1078	1215	1381	1592	1856	2223
-30°	412	552	674	796	917	1049	1180	1320	1505	1735	2030
-32.5°	391	533	653	772	893	1018	1142	1273	1431	1622	1852
-35°	376	509	631	743	863	985	1104	1225	1355	1524	1722
-37.5°	367	485	609	715	828	946	1061	1177	1297	1430	1609
-40°	355	460	583	689	792	906	1018	1127	1238	1371	1509
-42.5°	340	443	555	664	761	866	972	1077	1189	1311	1440
-45°	326	422	528	629	728	826	928	1027	1136	1252	1371
-47.5°	307	398	500	589	686	784	883	981	1077	1185	1301
-50°	285	371	464	550	636	734	832	931	1025	1117	1218
-52.5°	262	339	427	512	590	673	774	874	968	1059	1148
-55°	237	309	388	471	550	622	710	811	904	993	1085
-57.5°	217	278	351	429	507	582	662	748	840	926	1015
-60°	200	249	311	384	461	535	613	693	776	860	939
-62.5°	181	224	275	335	407	482	554	629	708	779	851
-65°	164	198	241	292	348	416	486	558	629	692	753
-67.5°	145	176	209	248	297	353	410	475	541	602	661
-70°	125	152	181	213	250	296	348	400	453	507	564
-72.5°	104	128	153	179	212	250	291	333	379	426	474
-75°	85	104	125	148	175	206	240	276	313	351	390
-77.5°	67	83	100	118	139	163	190	219	248	278	308
-80°	52	63	77	91	107	125	143	163	185	209	235
-82.5°	41	49	57	67	78	89	102	115	132	150	168
-85°	29	34	39	45	51	58	65	73	84	95	107
-87.5°	15	17	20	23	25	28	32	35	40	45	51
-90°	0	0	0	0	0	0	0	0	0	0	0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	3	3	3	4	2	2	5	6	7	7	8
60°	26	19	25	32	31	23	35	40	37	30	31
57.5°	69	74	85	99	110	116	126	136	143	148	152
55°	126	151	178	190	211	243	272	274	279	286	303
52.5°	202	232	245	269	310	337	350	372	397	421	442
50°	294	319	348	386	426	452	460	501	550	590	613
47.5°	386	419	473	539	574	603	643	696	750	808	853
45°	471	531	600	659	705	755	810	874	960	1040	1101
42.5°	569	636	705	774	824	909	1005	1081	1203	1311	1378
40°	683	749	849	933	1036	1143	1309	1463	1617	1796	1927
37.5°	819	922	1062	1197	1351	1509	1806	2109	2357	2705	2899
35°	983	1143	1341	1543	1789	2169	2602	3189	3798	4306	4795
32.5°	1173	1377	1650	2012	2424	3035	3685	4766	5817	6869	7901
30°	1358	1656	2074	2570	3249	4214	5442	7110	8918	10501	11933
27.5°	1607	2029	2571	3313	4467	5884	8148	10466	12768	14822	16299
25°	1907	2472	3240	4468	6135	8483	11519	14360	17061	19076	20773
22.5°	2342	3188	4277	5842	8867	12133	15765	19340	22374	24913	26586
20°	2878	4023	5846	8681	12239	16323	20998	24758	28495	31352	33904
17.5°	3638	5461	8034	11636	15887	21334	26148	30341	35086	38006	40609
15°	4321	6664	10333	14928	19909	25683	31360	36495	41075	44284	47194
12.5°	5185	7944	12161	17567	23015	29442	35344	40842	45328	48630	50666
10°	5959	9255	13987	19640	25739	32454	38570	44293	48639	51191	52689
7.5°	6584	10345	15467	21415	27854	34613	41074	46754	50912	53047	54069
5°	7069	11153	16625	22870	29558	36474	43067	48627	52129	53895	54466
2.5°	7432	11716	17405	23828	30709	37848	44580	50060	53047	54321	54510
0°	7678	12112	17912	24430	31695	38340	45399	50963	53804	54827	54925
-2.5°	7620	11969	17890	24212	31581	38562	45529	51021	54061	55435	55658
-5°	7465	11632	17296	23592	30683	37674	44320	50118	53849	55924	56843
-7.5°	7166	11050	16282	22408	29228	36226	43002	49018	53312	56231	58029
-10°	6656	10200	14984	20910	27632	34299	40999	47242	51866	55380	57885
-12.5°	5961	9046	13401	18789	25545	31770	38114	44096	49143	53476	56064
-15°	5243	7845	11757	16686	22569	28699	34560	40429	45411	49464	52692
-17.5°	4731	6793	9853	14167	19331	25148	30865	36257	40753	44562	47948
-20°	4084	5615	8038	11665	16213	21297	26774	31573	35588	39159	42394

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627956 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3569	4809	6559	9034	13118	17603	22083	26501	30275	33456	36217
-25°	3101	3971	5339	7352	10008	13881	17656	21386	24871	27828	30314
-27.5°	2734	3426	4338	5770	7786	10046	13354	16472	19468	22172	24516
-30°	2400	2919	3632	4528	5899	7578	9567	11899	14288	16422	18552
-32.5°	2160	2529	3019	3684	4452	5654	6857	8426	9938	11494	13023
-35°	1945	2242	2575	3020	3547	4248	5040	5999	6808	7826	8765
-37.5°	1797	2006	2261	2541	2918	3309	3846	4428	4930	5497	5974
-40°	1674	1839	2011	2200	2459	2724	3070	3397	3715	4061	4319
-42.5°	1572	1703	1828	1974	2127	2340	2572	2776	2969	3172	3341
-45°	1491	1589	1690	1803	1919	2073	2237	2390	2516	2629	2721
-47.5°	1404	1492	1581	1668	1768	1879	1987	2085	2190	2278	2341
-50°	1318	1406	1486	1562	1648	1736	1821	1899	1973	2039	2079
-52.5°	1236	1326	1405	1474	1547	1619	1690	1760	1825	1883	1910
-55°	1173	1256	1335	1398	1459	1520	1583	1649	1710	1766	1783
-57.5°	1103	1188	1264	1322	1379	1433	1492	1553	1611	1664	1681
-60°	1023	1112	1179	1234	1291	1351	1406	1461	1515	1560	1579
-62.5°	928	1007	1069	1124	1175	1224	1284	1342	1398	1444	1472
-65°	815	883	943	998	1048	1095	1152	1205	1256	1297	1326
-67.5°	716	770	819	867	916	965	1017	1067	1115	1151	1174
-70°	618	668	714	759	803	845	888	930	971	1002	1025
-72.5°	522	565	605	645	685	723	760	795	830	857	880
-75°	431	468	503	537	570	600	628	656	684	706	727
-77.5°	340	370	399	428	457	481	503	524	545	564	583
-80°	260	282	303	325	347	365	382	398	414	429	444
-82.5°	187	201	215	230	244	257	269	281	292	303	314
-85°	119	127	135	143	150	158	166	173	180	187	193
-87.5°	56	60	64	68	71	75	78	82	85	89	92
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627956 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	9	9	10	10	10	9	9	8	7	7	6
60°	30	29	29	30	29	29	30	31	30	37	40
57.5°	148	138	128	118	128	138	148	152	148	143	136
55°	321	339	347	344	347	339	321	303	286	279	274
52.5°	457	465	463	452	463	465	457	442	421	397	372
50°	624	625	619	610	619	625	624	613	590	550	501
47.5°	876	890	896	895	896	890	876	853	808	750	696
45°	1124	1137	1142	1140	1142	1137	1124	1101	1040	960	874
42.5°	1414	1435	1443	1435	1443	1435	1414	1378	1311	1203	1081
40°	2003	2028	2017	1986	2017	2028	2003	1927	1796	1617	1463
37.5°	3035	3133	3174	3175	3174	3133	3035	2899	2705	2357	2109
35°	5234	5585	5746	5545	5746	5585	5234	4795	4306	3798	3189
32.5°	8742	9363	9713	9713	9713	9363	8742	7901	6869	5817	4766
30°	13016	13794	14231	14324	14231	13794	13016	11933	10501	8918	7110
27.5°	17450	18253	18671	18610	18671	18253	17450	16299	14822	12768	10466
25°	21898	22506	22857	22867	22857	22506	21898	20773	19076	17061	14360
22.5°	28468	29749	30276	30417	30276	29749	28468	26586	24913	22374	19340
20°	35631	36872	37673	37721	37673	36872	35631	33904	31352	28495	24758
17.5°	42455	43071	43185	43236	43185	43071	42455	40609	38006	35086	30341
15°	48888	49104	49673	49744	49673	49104	48888	47194	44284	41075	36495
12.5°	51944	52141	52044	51779	52044	52141	51944	50666	48630	45328	40842
10°	53609	53330	52916	52418	52916	53330	53609	52689	51191	48639	44293
7.5°	53986	53677	52946	52222	52946	53677	53986	54069	53047	50912	46754
5°	54165	53258	52335	51455	52335	53258	54165	54466	53895	52129	48627
2.5°	54059	52980	51713	50767	51713	52980	54059	54510	54321	53047	50060
0°	54404	53313	51986	51632	51986	53313	54404	54925	54827	53804	50963
-2.5°	55364	54480	53787	53598	53787	54480	55364	55658	55435	54061	51021
-5°	57092	56897	55720	55997	55720	56897	57092	56843	55924	53849	50118
-7.5°	58761	58484	57986	58631	57986	58484	58761	58029	56231	53312	49018
-10°	59205	59114	59347	59919	59347	59114	59205	57885	55380	51866	47242
-12.5°	57845	58557	59357	59958	59357	58557	57845	56064	53476	49143	44096
-15°	54812	56270	57464	58032	57464	56270	54812	52692	49464	45411	40429
-17.5°	50345	52132	53548	53952	53548	52132	50345	47948	44562	40753	36257
-20°	44845	46663	47952	48466	47952	46663	44845	42394	39159	35588	31573

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627956 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	38655	40431	41599	42214	41599	40431	38655	36217	33456	30275	26501
-25°	32374	33935	34971	35244	34971	33935	32374	30314	27828	24871	21386
-27.5°	26367	27622	28386	28470	28386	27622	26367	24516	22172	19468	16472
-30°	20324	21490	22152	22503	22152	21490	20324	18552	16422	14288	11899
-32.5°	14274	15199	15759	15906	15759	15199	14274	13023	11494	9938	8426
-35°	9517	10092	10447	10519	10447	10092	9517	8765	7826	6808	5999
-37.5°	6363	6644	6817	6901	6817	6644	6363	5974	5497	4930	4428
-40°	4508	4640	4713	4729	4713	4640	4508	4319	4061	3715	3397
-42.5°	3448	3515	3550	3559	3550	3515	3448	3341	3172	2969	2776
-45°	2786	2833	2861	2871	2861	2833	2786	2721	2629	2516	2390
-47.5°	2384	2414	2432	2438	2432	2414	2384	2341	2278	2190	2085
-50°	2103	2120	2126	2124	2126	2120	2103	2079	2039	1973	1899
-52.5°	1926	1937	1941	1937	1941	1937	1926	1910	1883	1825	1760
-55°	1795	1803	1804	1799	1804	1803	1795	1783	1766	1710	1649
-57.5°	1694	1704	1701	1691	1701	1704	1694	1681	1664	1611	1553
-60°	1594	1606	1607	1602	1607	1606	1594	1579	1560	1515	1461
-62.5°	1496	1515	1518	1514	1518	1515	1496	1472	1444	1398	1342
-65°	1352	1376	1376	1367	1376	1376	1352	1326	1297	1256	1205
-67.5°	1195	1212	1213	1209	1213	1212	1195	1174	1151	1115	1067
-70°	1046	1065	1066	1062	1066	1065	1046	1025	1002	971	930
-72.5°	900	919	923	924	923	919	900	880	857	830	795
-75°	745	762	761	757	761	762	745	727	706	684	656
-77.5°	600	616	614	610	614	616	600	583	564	545	524
-80°	457	469	467	462	467	469	457	444	429	414	398
-82.5°	323	333	329	324	329	333	323	314	303	292	281
-85°	200	206	206	206	206	206	200	193	187	180	173
-87.5°	95	98	93	89	93	98	95	92	89	85	82
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627956 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	1
65°	0	0	0	0	0	0	0	0	0	0	3
62.5°	5	2	2	4	3	3	3	3	2	1	3
60°	35	23	31	32	25	19	26	23	9	8	7
57.5°	126	116	110	99	85	74	69	65	59	35	14
55°	272	243	211	190	178	151	126	109	101	82	55
52.5°	350	337	310	269	245	232	202	173	147	126	100
50°	460	452	426	386	348	319	294	253	215	184	150
47.5°	643	603	574	539	473	419	386	351	297	254	214
45°	810	755	705	659	600	531	471	424	376	325	283
42.5°	1005	909	824	774	705	636	569	508	445	389	343
40°	1309	1143	1036	933	849	749	683	610	533	455	407
37.5°	1806	1509	1351	1197	1062	922	819	730	637	547	476
35°	2602	2169	1789	1543	1341	1143	983	865	755	652	554
32.5°	3685	3035	2424	2012	1650	1377	1173	1016	866	752	649
30°	5442	4214	3249	2570	2074	1656	1358	1157	980	841	739
27.5°	8148	5884	4467	3313	2571	2029	1607	1301	1089	931	814
25°	11519	8483	6135	4468	3240	2472	1907	1504	1219	1017	897
22.5°	15765	12133	8867	5842	4277	3188	2342	1712	1361	1159	1002
20°	20998	16323	12239	8681	5846	4023	2878	2071	1611	1330	1117
17.5°	26148	21334	15887	11636	8034	5461	3638	2529	1853	1503	1237
15°	31360	25683	19909	14928	10333	6664	4321	2971	2130	1695	1374
12.5°	35344	29442	23015	17567	12161	7944	5185	3537	2480	1854	1475
10°	38570	32454	25739	19640	13987	9255	5959	3960	2731	1984	1560
7.5°	41074	34613	27854	21415	15467	10345	6584	4289	2928	2098	1629
5°	43067	36474	29558	22870	16625	11153	7069	4543	3073	2194	1683
2.5°	44580	37848	30709	23828	17405	11716	7432	4758	3191	2287	1733
0°	45399	38340	31695	24430	17912	12112	7678	4925	3274	2359	1770
-2.5°	45529	38562	31581	24212	17890	11969	7620	4892	3285	2383	1796
-5°	44320	37674	30683	23592	17296	11632	7465	4791	3259	2380	1806
-7.5°	43002	36226	29228	22408	16282	11050	7166	4627	3205	2355	1800
-10°	40999	34299	27632	20910	14984	10200	6656	4381	3099	2299	1778
-12.5°	38114	31770	25545	18789	13401	9046	5961	4064	2941	2211	1738
-15°	34560	28699	22569	16686	11757	7845	5243	3672	2729	2094	1683
-17.5°	30865	25148	19331	14167	9853	6793	4731	3391	2544	1985	1616
-20°	26774	21297	16213	11665	8038	5615	4084	3049	2366	1894	1565

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627956 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	22083	17603	13118	9034	6559	4809	3569	2718	2166	1779	1503
-25°	17656	13881	10008	7352	5339	3971	3101	2477	2018	1676	1435
-27.5°	13354	10046	7786	5770	4338	3426	2734	2223	1856	1592	1381
-30°	9567	7578	5899	4528	3632	2919	2400	2030	1735	1505	1320
-32.5°	6857	5654	4452	3684	3019	2529	2160	1852	1622	1431	1273
-35°	5040	4248	3547	3020	2575	2242	1945	1722	1524	1355	1225
-37.5°	3846	3309	2918	2541	2261	2006	1797	1609	1430	1297	1177
-40°	3070	2724	2459	2200	2011	1839	1674	1509	1371	1238	1127
-42.5°	2572	2340	2127	1974	1828	1703	1572	1440	1311	1189	1077
-45°	2237	2073	1919	1803	1690	1589	1491	1371	1252	1136	1027
-47.5°	1987	1879	1768	1668	1581	1492	1404	1301	1185	1077	981
-50°	1821	1736	1648	1562	1486	1406	1318	1218	1117	1025	931
-52.5°	1690	1619	1547	1474	1405	1326	1236	1148	1059	968	874
-55°	1583	1520	1459	1398	1335	1256	1173	1085	993	904	811
-57.5°	1492	1433	1379	1322	1264	1188	1103	1015	926	840	748
-60°	1406	1351	1291	1234	1179	1112	1023	939	860	776	693
-62.5°	1284	1224	1175	1124	1069	1007	928	851	779	708	629
-65°	1152	1095	1048	998	943	883	815	753	692	629	558
-67.5°	1017	965	916	867	819	770	716	661	602	541	475
-70°	888	845	803	759	714	668	618	564	507	453	400
-72.5°	760	723	685	645	605	565	522	474	426	379	333
-75°	628	600	570	537	503	468	431	390	351	313	276
-77.5°	503	481	457	428	399	370	340	308	278	248	219
-80°	382	365	347	325	303	282	260	235	209	185	163
-82.5°	269	257	244	230	215	201	187	168	150	132	115
-85°	166	158	150	143	135	127	119	107	95	84	73
-87.5°	78	75	71	68	64	60	56	51	45	40	35
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627956 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	1	1	0	0	0	0	0	0
67.5°	0	0	0	2	3	3	1	1	1	0	0
65°	3	2	0	3	5	6	5	3	3	2	0
62.5°	6	7	6	4	5	8	9	6	5	4	2
60°	6	9	10	8	7	8	10	9	7	7	4
57.5°	12	10	11	11	9	9	10	10	9	8	7
55°	26	17	15	13	11	10	10	10	10	9	10
52.5°	68	37	23	18	15	11	11	10	10	10	10
50°	114	77	43	27	20	16	13	11	10	10	10
47.5°	168	123	80	43	30	21	16	14	10	10	11
45°	232	176	121	76	42	32	21	16	12	10	12
42.5°	301	238	172	108	72	48	25	20	15	11	13
40°	362	305	227	158	103	67	41	23	18	12	13
37.5°	422	367	292	209	137	95	60	27	22	16	14
35°	486	425	355	263	183	120	82	37	28	20	15
32.5°	548	480	405	318	227	145	105	59	35	23	15
30°	626	530	452	371	272	183	126	79	43	27	16
27.5°	705	579	497	414	317	221	150	97	52	32	20
25°	781	642	539	453	359	261	175	114	66	40	23
22.5°	858	709	579	490	400	298	206	134	81	47	26
20°	940	774	619	533	437	334	238	155	94	56	29
17.5°	1028	843	684	577	473	367	268	177	106	64	32
15°	1118	914	746	620	508	396	295	198	117	73	37
12.5°	1196	978	801	663	542	422	320	219	126	81	43
10°	1264	1034	850	704	574	445	343	239	141	88	51
7.5°	1322	1083	892	743	604	470	361	255	158	95	58
5°	1370	1123	923	773	630	499	378	267	175	100	65
2.5°	1408	1155	946	797	651	526	392	277	191	104	72
0°	1435	1180	963	816	668	550	403	285	206	108	79
-2.5°	1448	1197	991	831	692	563	417	300	216	122	81
-5°	1452	1207	1012	843	711	572	429	314	224	135	84
-7.5°	1453	1212	1024	852	725	577	438	325	230	147	85
-10°	1446	1211	1028	863	730	583	445	333	236	156	87
-12.5°	1427	1204	1026	868	731	589	455	339	241	163	88
-15°	1396	1191	1022	868	730	593	461	343	244	165	89
-17.5°	1355	1172	1013	860	727	593	464	342	244	164	92
-20°	1327	1152	1002	846	723	592	463	338	243	162	96

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627956 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1294	1131	982	834	716	587	458	330	240	159	98
-25°	1252	1107	961	826	708	580	449	317	235	156	100
-27.5°	1215	1078	937	814	693	568	433	310	228	152	99
-30°	1180	1049	917	796	674	552	412	300	222	150	98
-32.5°	1142	1018	893	772	653	533	391	289	215	148	96
-35°	1104	985	863	743	631	509	376	274	208	144	93
-37.5°	1061	946	828	715	609	485	367	270	202	138	90
-40°	1018	906	792	689	583	460	355	265	193	130	87
-42.5°	972	866	761	664	555	443	340	257	183	123	83
-45°	928	826	728	629	528	422	326	245	172	118	79
-47.5°	883	784	686	589	500	398	307	229	159	112	77
-50°	832	734	636	550	464	371	285	212	152	107	74
-52.5°	774	673	590	512	427	339	262	193	144	102	70
-55°	710	622	550	471	388	309	237	182	135	97	66
-57.5°	662	582	507	429	351	278	217	169	126	91	63
-60°	613	535	461	384	311	249	200	155	117	84	60
-62.5°	554	482	407	335	275	224	181	142	107	78	56
-65°	486	416	348	292	241	198	164	128	97	71	51
-67.5°	410	353	297	248	209	176	145	114	86	64	46
-70°	348	296	250	213	181	152	125	98	74	56	41
-72.5°	291	250	212	179	153	128	104	82	63	48	35
-75°	240	206	175	148	125	104	85	67	52	39	31
-77.5°	190	163	139	118	100	83	67	52	42	34	28
-80°	143	125	107	91	77	63	52	42	36	30	24
-82.5°	102	89	78	67	57	49	41	34	29	25	20
-85°	65	58	51	45	39	34	29	25	21	17	13
-87.5°	32	28	25	23	20	17	15	12	10	8	7
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627956 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	1	0	0	0	0	0
72.5°	1	1	1	0	0	0	0
70°	1	2	2	0	0	0	0
67.5°	1	3	3	1	0	0	0
65°	1	4	4	2	0	0	0
62.5°	2	4	5	3	0	0	0
60°	2	4	6	4	0	0	0
57.5°	4	4	6	5	1	0	0
55°	6	5	7	6	1	0	0
52.5°	7	5	7	7	2	0	0
50°	9	6	7	8	3	0	0
47.5°	10	7	7	9	3	0	0
45°	11	8	8	9	4	0	0
42.5°	12	9	8	10	5	0	0
40°	13	9	8	10	5	0	0
37.5°	14	10	9	10	6	0	0
35°	15	10	9	10	6	0	0
32.5°	17	11	10	10	7	0	0
30°	17	13	10	10	7	0	0
27.5°	18	14	10	10	8	0	0
25°	18	15	10	10	8	0	0
22.5°	19	16	10	10	8	0	0
20°	19	17	10	10	9	0	0
17.5°	20	17	10	10	9	0	0
15°	21	18	10	10	9	0	0
12.5°	23	19	10	10	9	0	0
10°	24	19	10	10	10	0	0
7.5°	25	19	10	10	10	0	0
5°	27	20	10	10	10	0	0
2.5°	28	20	10	10	10	0	0
0°	29	20	10	10	10	0	0
-2.5°	35	21	11	10	10	0	0
-5°	40	22	12	10	10	0	0
-7.5°	44	23	12	10	10	1	0
-10°	48	23	13	10	10	1	0
-12.5°	51	24	14	10	9	1	0
-15°	54	24	14	10	9	1	0
-17.5°	55	25	15	10	9	1	0
-20°	56	25	15	10	9	2	0

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627956 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	56	25	15	10	9	2	0
-25°	56	27	15	10	9	2	0
-27.5°	56	29	15	10	9	2	0
-30°	55	30	15	10	8	2	0
-32.5°	53	31	15	10	8	2	0
-35°	53	32	16	10	8	2	0
-37.5°	54	32	16	10	8	2	0
-40°	54	33	16	10	8	2	0
-42.5°	54	33	17	10	8	2	0
-45°	52	32	17	11	8	2	0
-47.5°	51	32	18	11	8	2	0
-50°	49	31	18	11	8	2	0
-52.5°	48	30	18	12	8	2	0
-55°	46	29	18	12	8	2	0
-57.5°	44	28	18	12	8	2	0
-60°	41	27	17	12	8	2	0
-62.5°	39	25	17	12	8	2	0
-65°	36	24	17	12	8	2	0
-67.5°	32	22	16	12	7	2	0
-70°	28	21	16	12	6	2	0
-72.5°	26	20	15	11	6	1	0
-75°	24	19	15	9	5	1	0
-77.5°	22	17	13	8	4	1	0
-80°	20	15	10	6	3	1	0
-82.5°	15	11	8	5	3	1	0
-85°	10	7	5	3	2	0	0
-87.5°	5	4	3	2	1	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)