

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: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-740-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627586 (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-SA5B-740-U-MWR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22460.1 lumens
Efficiency: N/A
Efficacy: 141.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 31466.4 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 15043.7 lumens
Beam Efficiency: 67.0%

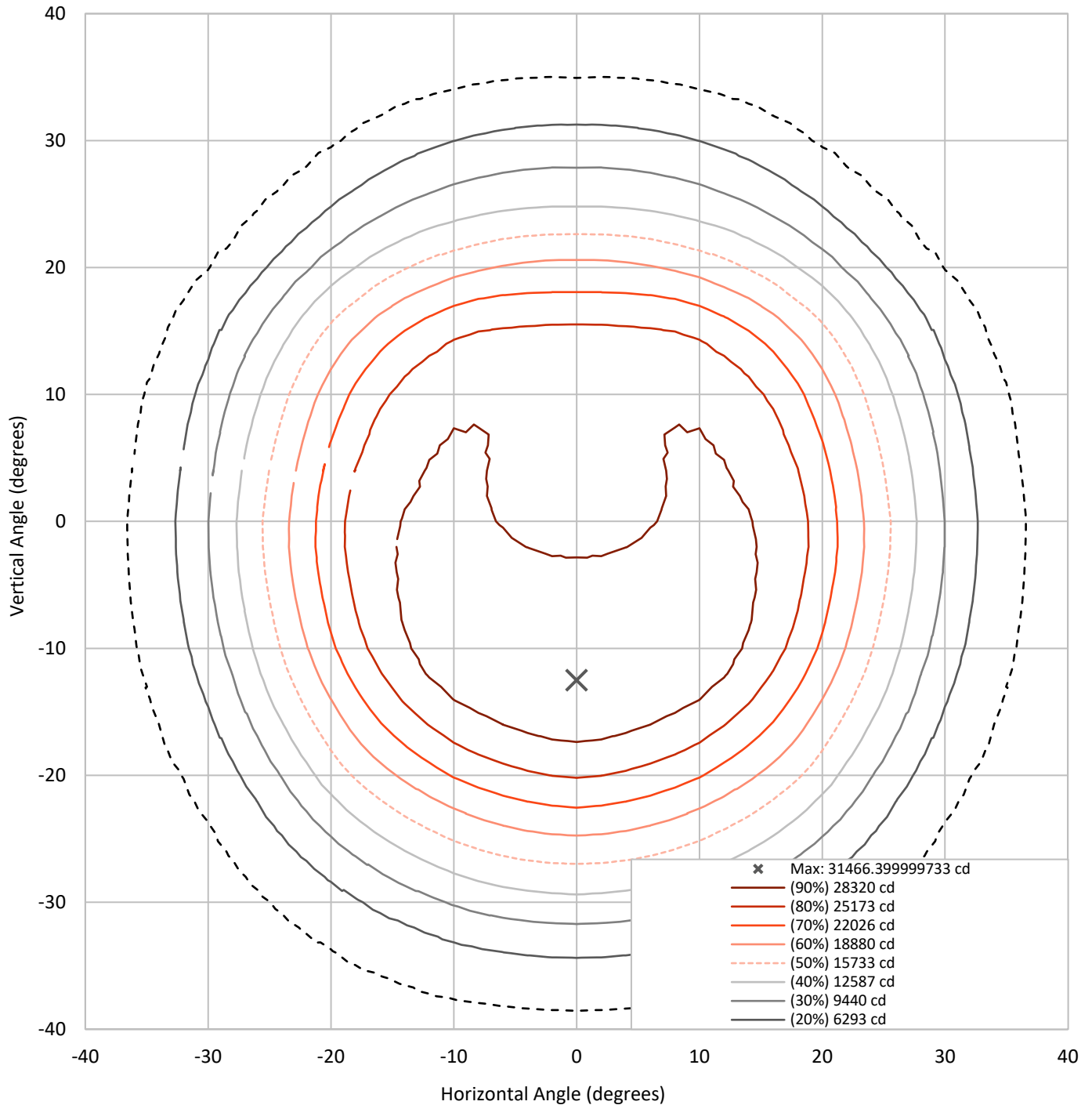
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 20244.4 lumens
Field Efficiency: 90.1%

Input Watts (W): 158.7
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



REPORT NUMBER: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-740-U-MWR-VSR-XX

Iso-Candela Plot





REPORT NUMBER: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)

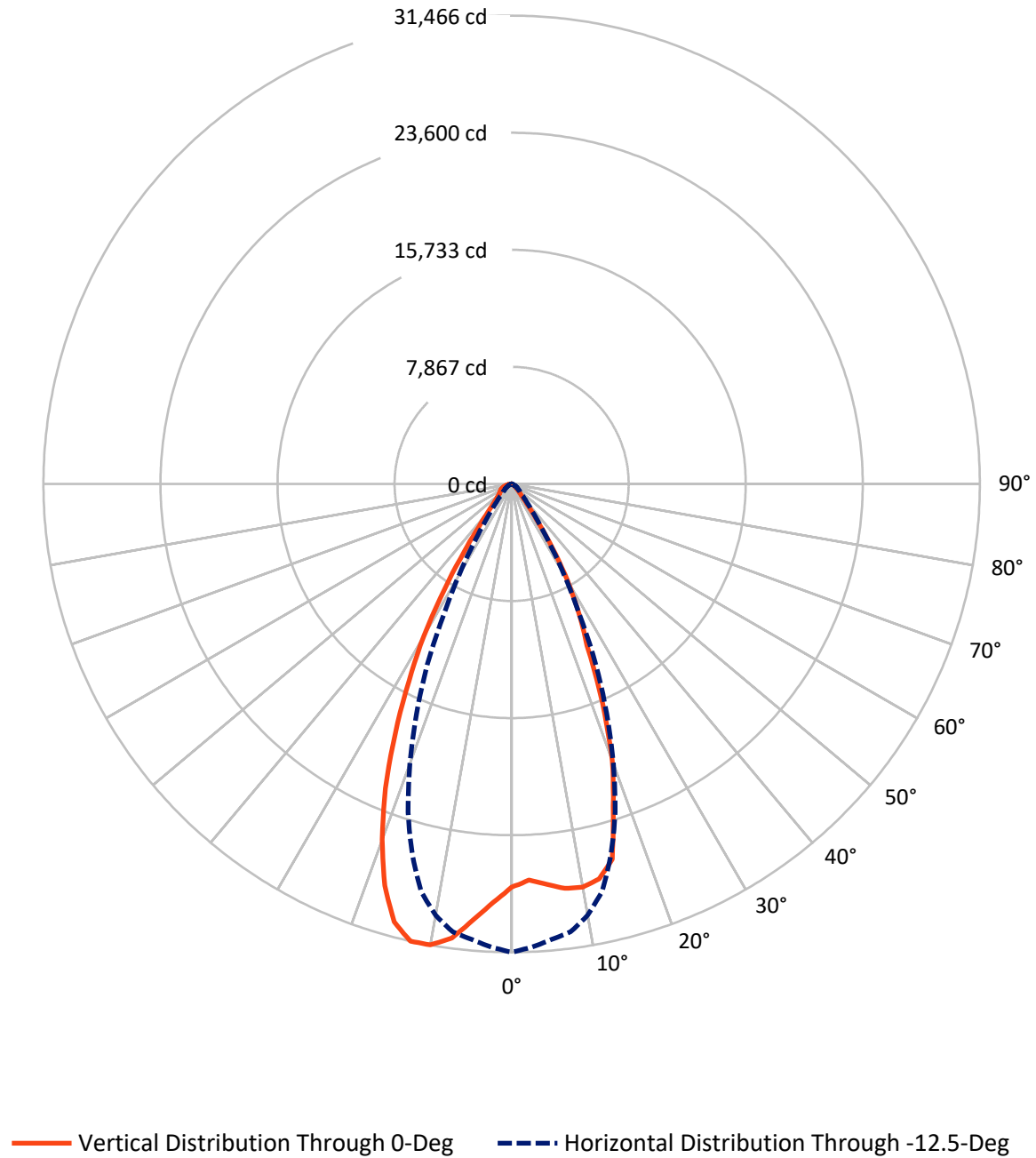
CATALOG NUMBER: GFLD-SA5B-740-U-MWR-VSR-XX

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	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0									
50		0.1	0.2	0.7	1.8	3.1	4.3	5.0	5.0	4.3	3.1	1.8	0.7	0.2		0.1								
40	0.1	0.1	0.9	3.2	6.3	10.3	15.4	18.9	18.9	15.4	10.3	6.3	3.2	0.9	0.1	0.1								
30		0.4	2.5	6.5	13.5	29.2	66.3	101.2	101.2	66.3	29.2	13.5	6.5	2.5	0.4									
20	0.2	0.9	4.2	10.5	28.2	104.4	268.9	375.8	375.8	268.9	104.4	28.2	10.5	4.2	0.9	0.2								
10		1.5	5.9	16.2	67.1	289.9	604.9	748.9	748.9	604.9	289.9	67.1	16.2	5.9	1.5									
0	0.5	2.0	7.2	20.9	106.8	427.0	779.9	845.5	845.5	779.9	427.0	106.8	20.9	7.2	2.0	0.5								
-10		2.3	8.0	22.4	111.7	441.0	808.0	897.4	897.4	808.0	441.0	111.7	22.4	8.0	2.3									
-20	0.6	2.5	8.1	20.3	79.9	328.3	681.6	870.3	870.3	681.6	328.3	79.9	20.3	8.1	2.5	0.6								
-30		2.4	7.7	16.9	44.7	159.3	379.8	534.4	534.4	379.8	159.3	44.7	16.9	7.7	2.4									
-40	0.6	2.1	6.9	14.0	26.7	56.7	118.7	176.1	176.1	118.7	56.7	26.7	14.0	6.9	2.1	0.6								
-50		1.8	5.8	11.7	19.5	28.8	40.5	48.0	48.0	40.5	28.8	19.5	11.7	5.8	1.8									
-60	0.4	1.3	4.4	9.2	15.3	21.2	26.5	29.0	29.0	26.5	21.2	15.3	9.2	4.4	1.3	0.4								
-70		0.9	2.8	6.3	10.8	15.2	19.2	21.5	21.5	19.2	15.2	10.8	6.3	2.8	0.9									
-80	0.2	2.5	11.3	24.1	30.9	24.1	11.3	2.5	0.2															
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90					

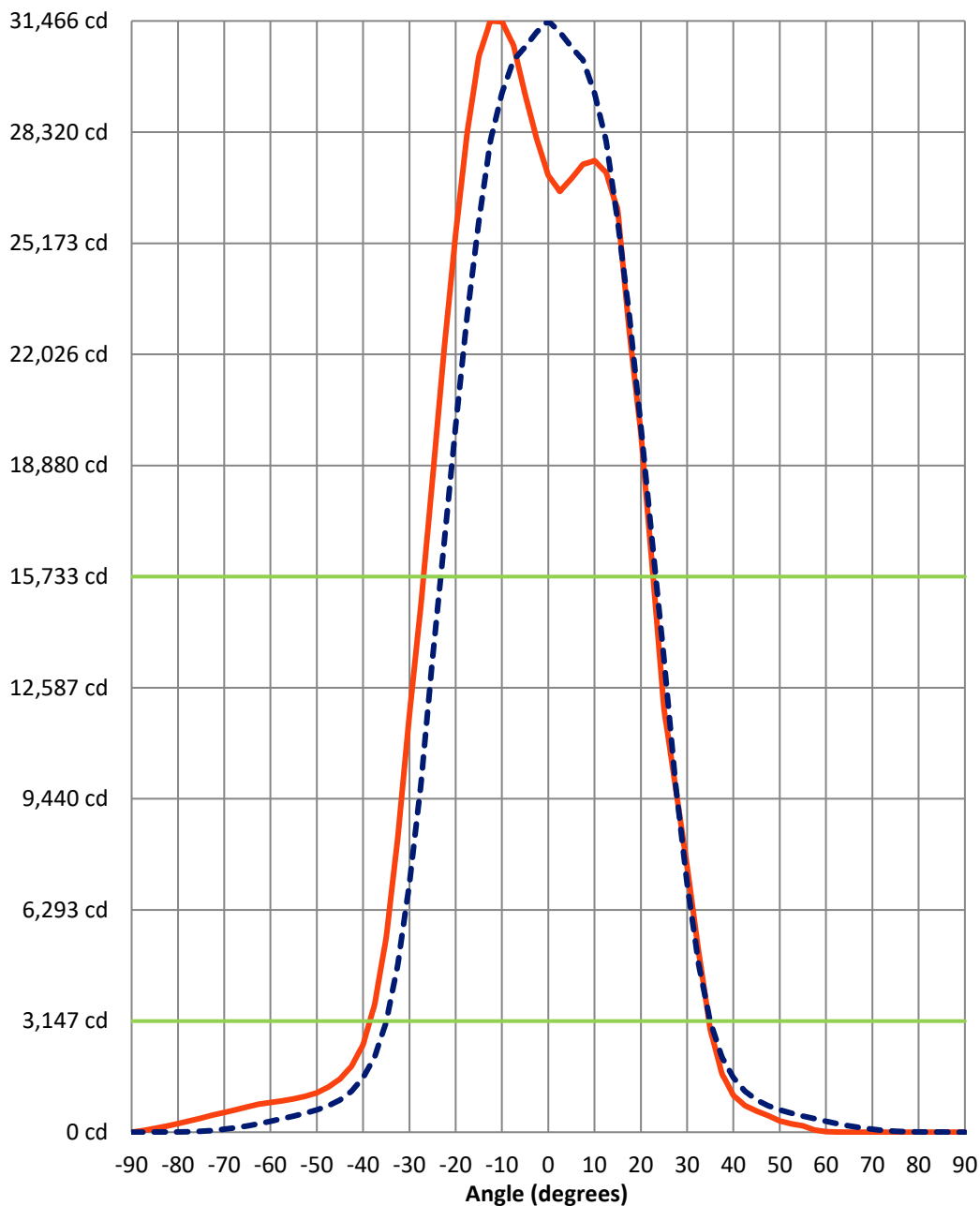
REPORT NUMBER: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-740-U-MWR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-740-U-MWR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 15043.7
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 20244.4
 Efficiency: 90.1%

Spill:
 Lumens: 2215.8
 Efficiency: 9.9%

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

Classified

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

Scaled Data Report



REPORT NUMBER: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MWR-VSR-XX

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	0	0	0	0	0	0
72.5°	0	0	0	0	1	1	0	0	0	0	0
70°	0	0	0	0	1	1	0	0	0	0	0
67.5°	0	0	0	1	2	2	1	0	0	1	1
65°	0	0	0	1	2	2	1	0	1	2	2
62.5°	0	0	0	2	3	2	1	1	2	3	3
60°	0	0	0	2	3	2	1	2	4	4	5
57.5°	0	0	0	3	3	2	2	4	4	5	5
55°	0	0	1	3	4	2	3	5	5	5	5
52.5°	0	0	1	4	4	3	4	5	5	5	5
50°	0	0	1	4	4	3	5	6	5	5	6
47.5°	0	0	2	5	4	4	5	6	5	5	7
45°	0	0	2	5	4	4	6	6	5	6	8
42.5°	0	0	2	5	4	5	6	7	6	8	10
40°	0	0	3	5	4	5	7	7	7	9	12
37.5°	0	0	3	5	5	5	7	7	8	12	14
35°	0	0	3	5	5	6	8	8	10	15	19
32.5°	0	0	4	5	5	6	9	8	12	18	31
30°	0	0	4	5	5	7	9	9	14	23	41
27.5°	0	0	4	5	5	7	9	10	17	28	51
25°	0	0	4	5	5	8	10	12	21	35	60
22.5°	0	0	4	5	5	8	10	14	25	42	71
20°	0	0	5	5	5	9	10	15	29	49	82
17.5°	0	0	5	5	5	9	11	17	34	56	93
15°	0	0	5	5	5	9	11	19	38	61	104
12.5°	0	0	5	5	5	10	12	23	43	66	115
10°	0	0	5	5	5	10	13	27	46	74	125
7.5°	0	0	5	5	5	10	13	30	50	83	134
5°	0	0	5	5	5	10	14	34	52	92	140
2.5°	0	0	5	5	5	10	15	38	55	100	146
0°	0	0	5	5	5	10	15	41	57	108	150
-2.5°	0	0	5	5	6	11	18	43	64	113	158
-5°	0	0	5	5	6	11	21	44	71	117	165
-7.5°	0	0	5	5	6	12	23	45	77	121	170
-10°	0	0	5	5	7	12	25	46	82	124	175
-12.5°	0	1	5	5	7	13	27	46	85	127	178
-15°	0	1	5	5	7	13	28	47	87	128	180
-17.5°	0	1	5	5	8	13	29	49	86	128	180
-20°	0	1	5	5	8	13	29	50	85	128	177

Classified

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

Scaled Data Report



REPORT NUMBER: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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	1	5	5	8	13	30	52	84	126	173
-25°	0	1	5	5	8	14	30	52	82	123	166
-27.5°	0	1	5	5	8	15	29	52	80	120	163
-30°	0	1	5	5	8	16	29	51	79	116	158
-32.5°	0	1	4	5	8	16	28	50	78	113	151
-35°	0	1	4	5	8	17	28	49	76	109	144
-37.5°	0	1	4	5	8	17	28	47	72	106	142
-40°	0	1	4	5	9	17	28	46	68	101	139
-42.5°	0	1	4	5	9	17	28	43	65	96	135
-45°	0	1	4	6	9	17	28	42	62	90	128
-47.5°	0	1	4	6	9	17	27	40	59	83	120
-50°	0	1	4	6	10	16	26	39	56	80	111
-52.5°	0	1	4	6	10	16	25	37	54	76	101
-55°	0	1	4	6	9	15	24	34	51	71	95
-57.5°	0	1	4	6	9	15	23	33	48	66	88
-60°	0	1	5	6	9	14	22	31	44	62	81
-62.5°	0	1	4	6	9	13	20	29	41	56	75
-65°	0	1	4	6	9	12	19	27	37	51	67
-67.5°	0	1	4	6	9	12	17	24	33	45	60
-70°	0	1	3	6	8	11	15	21	29	39	51
-72.5°	0	1	3	6	8	11	14	18	25	33	43
-75°	0	1	3	5	8	10	13	16	20	27	35
-77.5°	0	1	2	4	7	9	12	14	18	22	27
-80°	0	0	2	3	5	8	10	13	16	19	22
-82.5°	0	0	1	3	4	6	8	10	13	15	18
-85°	0	0	1	2	3	4	5	7	9	11	13
-87.5°	0	0	0	1	1	2	3	3	4	5	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-740-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	0	0	0	0	0	0	0	0
67.5°	0	1	2	1	0	0	0	0	0	0	0
65°	3	3	3	1	0	1	2	1	0	0	0
62.5°	5	4	3	2	3	4	3	2	0	1	2
60°	5	4	4	4	5	5	3	4	4	5	12
57.5°	5	5	5	6	6	5	6	7	18	31	34
55°	5	5	6	7	8	9	14	29	43	53	57
52.5°	6	6	8	10	12	19	36	52	66	77	91
50°	7	8	11	14	23	40	60	79	97	113	133
47.5°	9	11	15	23	42	65	88	112	133	156	184
45°	11	17	22	40	64	92	122	149	170	197	222
42.5°	13	25	38	57	91	125	158	180	204	233	267
40°	21	35	54	83	119	160	190	213	239	280	320
37.5°	32	50	72	109	153	193	221	250	287	335	383
35°	43	63	96	138	186	223	255	291	342	396	454
32.5°	55	76	119	167	213	252	288	341	395	454	533
30°	66	96	143	194	237	278	329	388	441	515	607
27.5°	78	116	166	217	261	304	370	427	488	572	683
25°	92	137	188	238	283	337	410	471	534	640	789
22.5°	108	157	210	257	304	372	450	526	608	714	899
20°	125	175	229	280	325	406	494	586	698	845	1087
17.5°	141	193	248	303	359	442	540	649	789	972	1327
15°	155	208	266	326	392	480	587	721	890	1118	1559
12.5°	168	222	284	348	421	513	628	774	973	1302	1856
10°	180	233	301	370	446	543	663	819	1041	1433	2078
7.5°	190	247	317	390	468	568	694	855	1101	1537	2251
5°	198	262	330	405	484	590	719	883	1152	1612	2384
2.5°	205	276	342	418	496	606	739	909	1200	1675	2497
0°	211	289	351	428	506	619	753	929	1238	1718	2585
-2.5°	219	295	363	436	520	628	760	943	1251	1724	2567
-5°	225	300	373	442	531	633	762	948	1249	1711	2514
-7.5°	230	303	381	447	538	636	763	945	1236	1682	2428
-10°	234	306	383	453	539	636	759	933	1207	1626	2299
-12.5°	239	309	384	456	539	632	749	912	1160	1543	2133
-15°	242	311	383	455	536	625	733	883	1099	1432	1927
-17.5°	243	311	382	451	532	615	711	848	1042	1335	1779
-20°	243	310	379	444	526	605	696	821	994	1242	1600

Classified

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

Scaled Data Report



REPORT NUMBER: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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°	241	308	376	438	516	594	679	789	934	1137	1426
-25°	236	304	371	434	504	581	657	753	880	1059	1300
-27.5°	227	298	364	427	492	566	638	725	835	974	1166
-30°	216	289	354	418	481	550	619	693	790	911	1065
-32.5°	205	280	343	405	469	534	600	668	751	851	972
-35°	197	267	331	390	453	517	579	643	711	800	904
-37.5°	193	255	320	375	435	497	557	617	681	751	845
-40°	186	242	306	362	415	476	534	591	650	720	792
-42.5°	178	232	291	348	399	454	510	565	624	688	756
-45°	171	221	277	330	382	433	487	539	596	657	720
-47.5°	161	209	262	309	360	412	464	515	565	622	683
-50°	150	195	244	289	334	385	437	489	538	586	639
-52.5°	138	178	224	269	310	353	406	458	508	556	602
-55°	125	162	204	247	289	327	373	425	474	521	569
-57.5°	114	146	184	225	266	305	348	392	441	486	533
-60°	105	131	163	202	242	281	322	364	407	451	493
-62.5°	95	118	144	176	214	253	291	330	372	409	446
-65°	86	104	126	153	183	218	255	293	330	363	395
-67.5°	76	92	110	130	156	185	215	249	284	316	347
-70°	65	79	95	112	131	155	182	210	238	266	296
-72.5°	54	67	80	94	111	131	153	175	199	224	249
-75°	44	54	66	78	92	108	126	145	164	184	205
-77.5°	35	44	53	62	73	86	100	115	130	146	162
-80°	27	33	40	48	56	66	75	85	97	110	123
-82.5°	22	26	30	35	41	47	53	61	69	79	88
-85°	15	18	21	24	27	30	34	39	44	50	56
-87.5°	8	9	10	12	13	15	17	18	21	24	27
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-740-U-MWR-VSR-XX

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°	2	2	2	2	1	1	3	3	4	4	4
60°	14	10	13	17	16	12	18	21	19	16	16
57.5°	36	39	45	52	58	61	66	71	75	77	80
55°	66	79	93	100	111	128	143	144	147	150	159
52.5°	106	122	129	141	163	177	184	195	208	221	232
50°	154	167	183	202	223	237	242	263	288	309	322
47.5°	202	220	248	283	301	316	338	365	393	424	448
45°	247	279	315	346	370	396	425	459	504	546	578
42.5°	298	334	370	406	433	477	527	567	632	688	723
40°	358	393	445	489	544	600	687	768	849	943	1011
37.5°	430	484	557	628	709	792	948	1107	1237	1420	1521
35°	516	600	704	810	939	1138	1366	1673	1993	2260	2516
32.5°	615	723	866	1056	1272	1593	1934	2501	3053	3605	4146
30°	713	869	1088	1349	1705	2212	2856	3731	4680	5511	6263
27.5°	843	1065	1349	1739	2344	3088	4276	5492	6700	7779	8554
25°	1001	1297	1700	2345	3220	4452	6045	7536	8954	10011	10902
22.5°	1229	1673	2245	3066	4653	6367	8274	10149	11742	13074	13952
20°	1510	2111	3068	4556	6423	8566	11020	12993	14954	16453	17793
17.5°	1909	2866	4216	6107	8338	11196	13723	15923	18413	19946	21312
15°	2268	3497	5423	7834	10449	13479	16458	19153	21556	23240	24767
12.5°	2721	4169	6382	9219	12078	15451	18548	21434	23788	25521	26590
10°	3128	4857	7341	10307	13508	17032	20242	23245	25526	26865	27651
7.5°	3455	5429	8117	11239	14618	18165	21556	24537	26719	27839	28376
5°	3710	5853	8725	12002	15512	19141	22602	25520	27358	28284	28584
2.5°	3900	6149	9134	12505	16116	19863	23396	26271	27839	28508	28607
0°	4029	6356	9400	12821	16633	20121	23825	26746	28237	28773	28825
-2.5°	3999	6281	9388	12706	16574	20237	23894	26776	28371	29092	29210
-5°	3917	6104	9077	12381	16103	19771	23259	26302	28260	29349	29831
-7.5°	3761	5799	8545	11760	15339	19011	22568	25725	27978	29510	30454
-10°	3493	5353	7864	10974	14501	18000	21516	24793	27220	29064	30378
-12.5°	3128	4747	7033	9861	13406	16673	20002	23142	25790	28064	29423
-15°	2751	4117	6170	8757	11844	15061	18137	21217	23832	25959	27653
-17.5°	2483	3565	5171	7435	10145	13198	16198	19028	21387	23386	25163
-20°	2143	2947	4219	6122	8508	11177	14051	16569	18676	20551	22248

Classified

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

Scaled Data Report



REPORT NUMBER: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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°	1873	2524	3442	4741	6885	9238	11589	13908	15889	17558	19007
-25°	1628	2084	2802	3858	5252	7285	9266	11224	13052	14604	15909
-27.5°	1435	1798	2276	3028	4086	5272	7008	8645	10217	11636	12866
-30°	1259	1532	1906	2376	3096	3977	5021	6245	7498	8618	9736
-32.5°	1134	1327	1585	1934	2337	2967	3598	4422	5216	6032	6834
-35°	1021	1176	1351	1585	1861	2229	2645	3148	3573	4107	4600
-37.5°	943	1053	1186	1334	1532	1737	2019	2324	2587	2885	3135
-40°	879	965	1055	1155	1291	1429	1611	1783	1950	2131	2267
-42.5°	825	894	959	1036	1116	1228	1350	1457	1558	1665	1753
-45°	782	834	887	946	1007	1088	1174	1254	1320	1380	1428
-47.5°	737	783	830	875	928	986	1043	1094	1149	1195	1229
-50°	692	738	780	820	865	911	956	997	1036	1070	1091
-52.5°	648	696	737	774	812	850	887	924	958	988	1002
-55°	615	659	701	734	766	798	831	866	898	927	936
-57.5°	579	623	663	694	723	752	783	815	846	873	882
-60°	537	584	619	647	678	709	738	767	795	819	829
-62.5°	487	529	561	590	617	642	674	704	734	758	773
-65°	428	464	495	524	550	575	604	633	659	681	696
-67.5°	376	404	430	455	481	507	534	560	585	604	616
-70°	324	350	375	399	421	443	466	488	510	526	538
-72.5°	274	297	318	339	360	379	399	417	436	450	462
-75°	226	246	264	282	299	315	330	344	359	371	381
-77.5°	178	194	210	225	240	252	264	275	286	296	306
-80°	136	148	159	171	182	192	200	209	217	225	233
-82.5°	98	105	113	121	128	135	141	147	153	159	165
-85°	62	67	71	75	79	83	87	91	94	98	101
-87.5°	30	32	34	35	37	39	41	43	45	47	48
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-740-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°	5	5	5	5	5	5	5	4	4	4	3
60°	16	15	15	16	15	15	16	16	16	19	21
57.5°	78	72	67	62	67	72	78	80	77	75	71
55°	169	178	182	181	182	178	169	159	150	147	144
52.5°	240	244	243	237	243	244	240	232	221	208	195
50°	327	328	325	320	325	328	327	322	309	288	263
47.5°	460	467	470	470	470	467	460	448	424	393	365
45°	590	597	599	599	599	597	590	578	546	504	459
42.5°	742	753	757	753	757	753	742	723	688	632	567
40°	1051	1065	1058	1042	1058	1065	1051	1011	943	849	768
37.5°	1593	1644	1666	1666	1666	1644	1593	1521	1420	1237	1107
35°	2747	2931	3015	2910	3015	2931	2747	2516	2260	1993	1673
32.5°	4588	4914	5097	5097	5097	4914	4588	4146	3605	3053	2501
30°	6831	7239	7468	7517	7468	7239	6831	6263	5511	4680	3731
27.5°	9158	9579	9798	9767	9798	9579	9158	8554	7779	6700	5492
25°	11492	11811	11995	12001	11995	11811	11492	10902	10011	8954	7536
22.5°	14940	15612	15889	15963	15889	15612	14940	13952	13074	11742	10149
20°	18699	19351	19771	19796	19771	19351	18699	17793	16453	14954	12993
17.5°	22281	22604	22663	22691	22663	22604	22281	21312	19946	18413	15923
15°	25657	25770	26068	26106	26068	25770	25657	24767	23240	21556	19153
12.5°	27260	27364	27313	27174	27313	27364	27260	26590	25521	23788	21434
10°	28134	27988	27771	27509	27771	27988	28134	27651	26865	25526	23245
7.5°	28332	28170	27786	27406	27786	28170	28332	28376	27839	26719	24537
5°	28426	27950	27465	27004	27465	27950	28426	28584	28284	27358	25520
2.5°	28370	27804	27139	26643	27139	27804	28370	28607	28508	27839	26271
0°	28551	27979	27282	27097	27282	27979	28551	28825	28773	28237	26746
-2.5°	29055	28591	28228	28128	28228	28591	29055	29210	29092	28371	26776
-5°	29962	29860	29242	29387	29242	29860	29962	29831	29349	28260	26302
-7.5°	30838	30693	30431	30770	30431	30693	30838	30454	29510	27978	25725
-10°	31071	31023	31146	31446	31146	31023	31071	30378	29064	27220	24793
-12.5°	30357	30731	31150	31466	31150	30731	30357	29423	28064	25790	23142
-15°	28765	29530	30157	30455	30157	29530	28765	27653	25959	23832	21217
-17.5°	26421	27359	28102	28314	28102	27359	26421	25163	23386	21387	19028
-20°	23535	24489	25165	25435	25165	24489	23535	22248	20551	18676	16569



REPORT NUMBER: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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°	20286	21218	21831	22154	21831	21218	20286	19007	17558	15889	13908
-25°	16990	17809	18353	18496	18353	17809	16990	15909	14604	13052	11224
-27.5°	13838	14496	14897	14941	14897	14496	13838	12866	11636	10217	8645
-30°	10666	11278	11625	11810	11625	11278	10666	9736	8618	7498	6245
-32.5°	7491	7976	8270	8348	8270	7976	7491	6834	6032	5216	4422
-35°	4995	5297	5483	5520	5483	5297	4995	4600	4107	3573	3148
-37.5°	3339	3487	3577	3622	3577	3487	3339	3135	2885	2587	2324
-40°	2366	2435	2474	2482	2474	2435	2366	2267	2131	1950	1783
-42.5°	1810	1845	1863	1868	1863	1845	1810	1753	1665	1558	1457
-45°	1462	1487	1502	1507	1502	1487	1462	1428	1380	1320	1254
-47.5°	1251	1267	1276	1280	1276	1267	1251	1229	1195	1149	1094
-50°	1104	1112	1116	1114	1116	1112	1104	1091	1070	1036	997
-52.5°	1011	1017	1018	1016	1018	1017	1011	1002	988	958	924
-55°	942	946	946	944	946	946	942	936	927	898	866
-57.5°	889	894	893	887	893	894	889	882	873	846	815
-60°	837	843	843	841	843	843	837	829	819	795	767
-62.5°	785	795	797	795	797	795	785	773	758	734	704
-65°	710	722	722	717	722	722	710	696	681	659	633
-67.5°	627	636	637	635	637	636	627	616	604	585	560
-70°	549	559	559	557	559	559	549	538	526	510	488
-72.5°	473	482	484	485	484	482	473	462	450	436	417
-75°	391	400	399	397	399	400	391	381	371	359	344
-77.5°	315	323	322	320	322	323	315	306	296	286	275
-80°	240	246	245	243	245	246	240	233	225	217	209
-82.5°	170	175	173	170	173	175	170	165	159	153	147
-85°	105	108	108	108	108	108	105	101	98	94	91
-87.5°	50	51	49	46	49	51	50	48	47	45	43
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-740-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	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	3	1	1	2	2	2	2	2	1	0	2
60°	18	12	16	17	13	10	14	12	5	4	4
57.5°	66	61	58	52	45	39	36	34	31	18	7
55°	143	128	111	100	93	79	66	57	53	43	29
52.5°	184	177	163	141	129	122	106	91	77	66	52
50°	242	237	223	202	183	167	154	133	113	97	79
47.5°	338	316	301	283	248	220	202	184	156	133	112
45°	425	396	370	346	315	279	247	222	197	170	149
42.5°	527	477	433	406	370	334	298	267	233	204	180
40°	687	600	544	489	445	393	358	320	280	239	213
37.5°	948	792	709	628	557	484	430	383	335	287	250
35°	1366	1138	939	810	704	600	516	454	396	342	291
32.5°	1934	1593	1272	1056	866	723	615	533	454	395	341
30°	2856	2212	1705	1349	1088	869	713	607	515	441	388
27.5°	4276	3088	2344	1739	1349	1065	843	683	572	488	427
25°	6045	4452	3220	2345	1700	1297	1001	789	640	534	471
22.5°	8274	6367	4653	3066	2245	1673	1229	899	714	608	526
20°	11020	8566	6423	4556	3068	2111	1510	1087	845	698	586
17.5°	13723	11196	8338	6107	4216	2866	1909	1327	972	789	649
15°	16458	13479	10449	7834	5423	3497	2268	1559	1118	890	721
12.5°	18548	15451	12078	9219	6382	4169	2721	1856	1302	973	774
10°	20242	17032	13508	10307	7341	4857	3128	2078	1433	1041	819
7.5°	21556	18165	14618	11239	8117	5429	3455	2251	1537	1101	855
5°	22602	19141	15512	12002	8725	5853	3710	2384	1612	1152	883
2.5°	23396	19863	16116	12505	9134	6149	3900	2497	1675	1200	909
0°	23825	20121	16633	12821	9400	6356	4029	2585	1718	1238	929
-2.5°	23894	20237	16574	12706	9388	6281	3999	2567	1724	1251	943
-5°	23259	19771	16103	12381	9077	6104	3917	2514	1711	1249	948
-7.5°	22568	19011	15339	11760	8545	5799	3761	2428	1682	1236	945
-10°	21516	18000	14501	10974	7864	5353	3493	2299	1626	1207	933
-12.5°	20002	16673	13406	9861	7033	4747	3128	2133	1543	1160	912
-15°	18137	15061	11844	8757	6170	4117	2751	1927	1432	1099	883
-17.5°	16198	13198	10145	7435	5171	3565	2483	1779	1335	1042	848
-20°	14051	11177	8508	6122	4219	2947	2143	1600	1242	994	821

Classified

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

Scaled Data Report



REPORT NUMBER: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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°	11589	9238	6885	4741	3442	2524	1873	1426	1137	934	789
-25°	9266	7285	5252	3858	2802	2084	1628	1300	1059	880	753
-27.5°	7008	5272	4086	3028	2276	1798	1435	1166	974	835	725
-30°	5021	3977	3096	2376	1906	1532	1259	1065	911	790	693
-32.5°	3598	2967	2337	1934	1585	1327	1134	972	851	751	668
-35°	2645	2229	1861	1585	1351	1176	1021	904	800	711	643
-37.5°	2019	1737	1532	1334	1186	1053	943	845	751	681	617
-40°	1611	1429	1291	1155	1055	965	879	792	720	650	591
-42.5°	1350	1228	1116	1036	959	894	825	756	688	624	565
-45°	1174	1088	1007	946	887	834	782	720	657	596	539
-47.5°	1043	986	928	875	830	783	737	683	622	565	515
-50°	956	911	865	820	780	738	692	639	586	538	489
-52.5°	887	850	812	774	737	696	648	602	556	508	458
-55°	831	798	766	734	701	659	615	569	521	474	425
-57.5°	783	752	723	694	663	623	579	533	486	441	392
-60°	738	709	678	647	619	584	537	493	451	407	364
-62.5°	674	642	617	590	561	529	487	446	409	372	330
-65°	604	575	550	524	495	464	428	395	363	330	293
-67.5°	534	507	481	455	430	404	376	347	316	284	249
-70°	466	443	421	399	375	350	324	296	266	238	210
-72.5°	399	379	360	339	318	297	274	249	224	199	175
-75°	330	315	299	282	264	246	226	205	184	164	145
-77.5°	264	252	240	225	210	194	178	162	146	130	115
-80°	200	192	182	171	159	148	136	123	110	97	85
-82.5°	141	135	128	121	113	105	98	88	79	69	61
-85°	87	83	79	75	71	67	62	56	50	44	39
-87.5°	41	39	37	35	34	32	30	27	24	21	18
-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: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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	0	1	0	0	0	0	0	0
67.5°	0	0	0	1	2	1	0	1	1	0	0
65°	2	1	0	1	3	3	3	2	2	1	0
62.5°	3	4	3	2	3	4	5	3	3	2	1
60°	3	5	5	4	4	4	5	5	4	4	2
57.5°	6	5	6	6	5	5	5	5	5	4	4
55°	14	9	8	7	6	5	5	5	5	5	5
52.5°	36	19	12	10	8	6	6	5	5	5	5
50°	60	40	23	14	11	8	7	6	5	5	6
47.5°	88	65	42	23	15	11	9	7	5	5	6
45°	122	92	64	40	22	17	11	8	6	5	6
42.5°	158	125	91	57	38	25	13	10	8	6	7
40°	190	160	119	83	54	35	21	12	9	7	7
37.5°	221	193	153	109	72	50	32	14	12	8	7
35°	255	223	186	138	96	63	43	19	15	10	8
32.5°	288	252	213	167	119	76	55	31	18	12	8
30°	329	278	237	194	143	96	66	41	23	14	9
27.5°	370	304	261	217	166	116	78	51	28	17	10
25°	410	337	283	238	188	137	92	60	35	21	12
22.5°	450	372	304	257	210	157	108	71	42	25	14
20°	494	406	325	280	229	175	125	82	49	29	15
17.5°	540	442	359	303	248	193	141	93	56	34	17
15°	587	480	392	326	266	208	155	104	61	38	19
12.5°	628	513	421	348	284	222	168	115	66	43	23
10°	663	543	446	370	301	233	180	125	74	46	27
7.5°	694	568	468	390	317	247	190	134	83	50	30
5°	719	590	484	405	330	262	198	140	92	52	34
2.5°	739	606	496	418	342	276	205	146	100	55	38
0°	753	619	506	428	351	289	211	150	108	57	41
-2.5°	760	628	520	436	363	295	219	158	113	64	43
-5°	762	633	531	442	373	300	225	165	117	71	44
-7.5°	763	636	538	447	381	303	230	170	121	77	45
-10°	759	636	539	453	383	306	234	175	124	82	46
-12.5°	749	632	539	456	384	309	239	178	127	85	46
-15°	733	625	536	455	383	311	242	180	128	87	47
-17.5°	711	615	532	451	382	311	243	180	128	86	49
-20°	696	605	526	444	379	310	243	177	128	85	50

Classified

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

Scaled Data Report



REPORT NUMBER: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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°	679	594	516	438	376	308	241	173	126	84	52
-25°	657	581	504	434	371	304	236	166	123	82	52
-27.5°	638	566	492	427	364	298	227	163	120	80	52
-30°	619	550	481	418	354	289	216	158	116	79	51
-32.5°	600	534	469	405	343	280	205	151	113	78	50
-35°	579	517	453	390	331	267	197	144	109	76	49
-37.5°	557	497	435	375	320	255	193	142	106	72	47
-40°	534	476	415	362	306	242	186	139	101	68	46
-42.5°	510	454	399	348	291	232	178	135	96	65	43
-45°	487	433	382	330	277	221	171	128	90	62	42
-47.5°	464	412	360	309	262	209	161	120	83	59	40
-50°	437	385	334	289	244	195	150	111	80	56	39
-52.5°	406	353	310	269	224	178	138	101	76	54	37
-55°	373	327	289	247	204	162	125	95	71	51	34
-57.5°	348	305	266	225	184	146	114	88	66	48	33
-60°	322	281	242	202	163	131	105	81	62	44	31
-62.5°	291	253	214	176	144	118	95	75	56	41	29
-65°	255	218	183	153	126	104	86	67	51	37	27
-67.5°	215	185	156	130	110	92	76	60	45	33	24
-70°	182	155	131	112	95	79	65	51	39	29	21
-72.5°	153	131	111	94	80	67	54	43	33	25	18
-75°	126	108	92	78	66	54	44	35	27	20	16
-77.5°	100	86	73	62	53	44	35	27	22	18	14
-80°	75	66	56	48	40	33	27	22	19	16	13
-82.5°	53	47	41	35	30	26	22	18	15	13	10
-85°	34	30	27	24	21	18	15	13	11	9	7
-87.5°	17	15	13	12	10	9	8	7	5	4	3
-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: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-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	0	0	0	0	0	0
72.5°	0	1	1	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	1	2	2	1	0	0	0
65°	1	2	2	1	0	0	0
62.5°	1	2	3	2	0	0	0
60°	1	2	3	2	0	0	0
57.5°	2	2	3	3	0	0	0
55°	3	2	4	3	1	0	0
52.5°	4	3	4	4	1	0	0
50°	5	3	4	4	1	0	0
47.5°	5	4	4	5	2	0	0
45°	6	4	4	5	2	0	0
42.5°	6	5	4	5	2	0	0
40°	7	5	4	5	3	0	0
37.5°	7	5	5	5	3	0	0
35°	8	6	5	5	3	0	0
32.5°	9	6	5	5	4	0	0
30°	9	7	5	5	4	0	0
27.5°	9	7	5	5	4	0	0
25°	10	8	5	5	4	0	0
22.5°	10	8	5	5	4	0	0
20°	10	9	5	5	5	0	0
17.5°	11	9	5	5	5	0	0
15°	11	9	5	5	5	0	0
12.5°	12	10	5	5	5	0	0
10°	13	10	5	5	5	0	0
7.5°	13	10	5	5	5	0	0
5°	14	10	5	5	5	0	0
2.5°	15	10	5	5	5	0	0
0°	15	10	5	5	5	0	0
-2.5°	18	11	6	5	5	0	0
-5°	21	11	6	5	5	0	0
-7.5°	23	12	6	5	5	0	0
-10°	25	12	7	5	5	0	0
-12.5°	27	13	7	5	5	1	0
-15°	28	13	7	5	5	1	0
-17.5°	29	13	8	5	5	1	0
-20°	29	13	8	5	5	1	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627586 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	30	13	8	5	5	1	0
-25°	30	14	8	5	5	1	0
-27.5°	29	15	8	5	5	1	0
-30°	29	16	8	5	5	1	0
-32.5°	28	16	8	5	4	1	0
-35°	28	17	8	5	4	1	0
-37.5°	28	17	8	5	4	1	0
-40°	28	17	9	5	4	1	0
-42.5°	28	17	9	5	4	1	0
-45°	28	17	9	6	4	1	0
-47.5°	27	17	9	6	4	1	0
-50°	26	16	10	6	4	1	0
-52.5°	25	16	10	6	4	1	0
-55°	24	15	9	6	4	1	0
-57.5°	23	15	9	6	4	1	0
-60°	22	14	9	6	5	1	0
-62.5°	20	13	9	6	4	1	0
-65°	19	12	9	6	4	1	0
-67.5°	17	12	9	6	4	1	0
-70°	15	11	8	6	3	1	0
-72.5°	14	11	8	6	3	1	0
-75°	13	10	8	5	3	1	0
-77.5°	12	9	7	4	2	1	0
-80°	10	8	5	3	2	0	0
-82.5°	8	6	4	3	1	0	0
-85°	5	4	3	2	1	0	0
-87.5°	3	2	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)