

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: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-740-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627406 (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-SA4C-740-U-MWR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22920.5 lumens
Efficiency: N/A
Efficacy: 136.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 32111.3 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 15352.1 lumens
Beam Efficiency: 67.0%

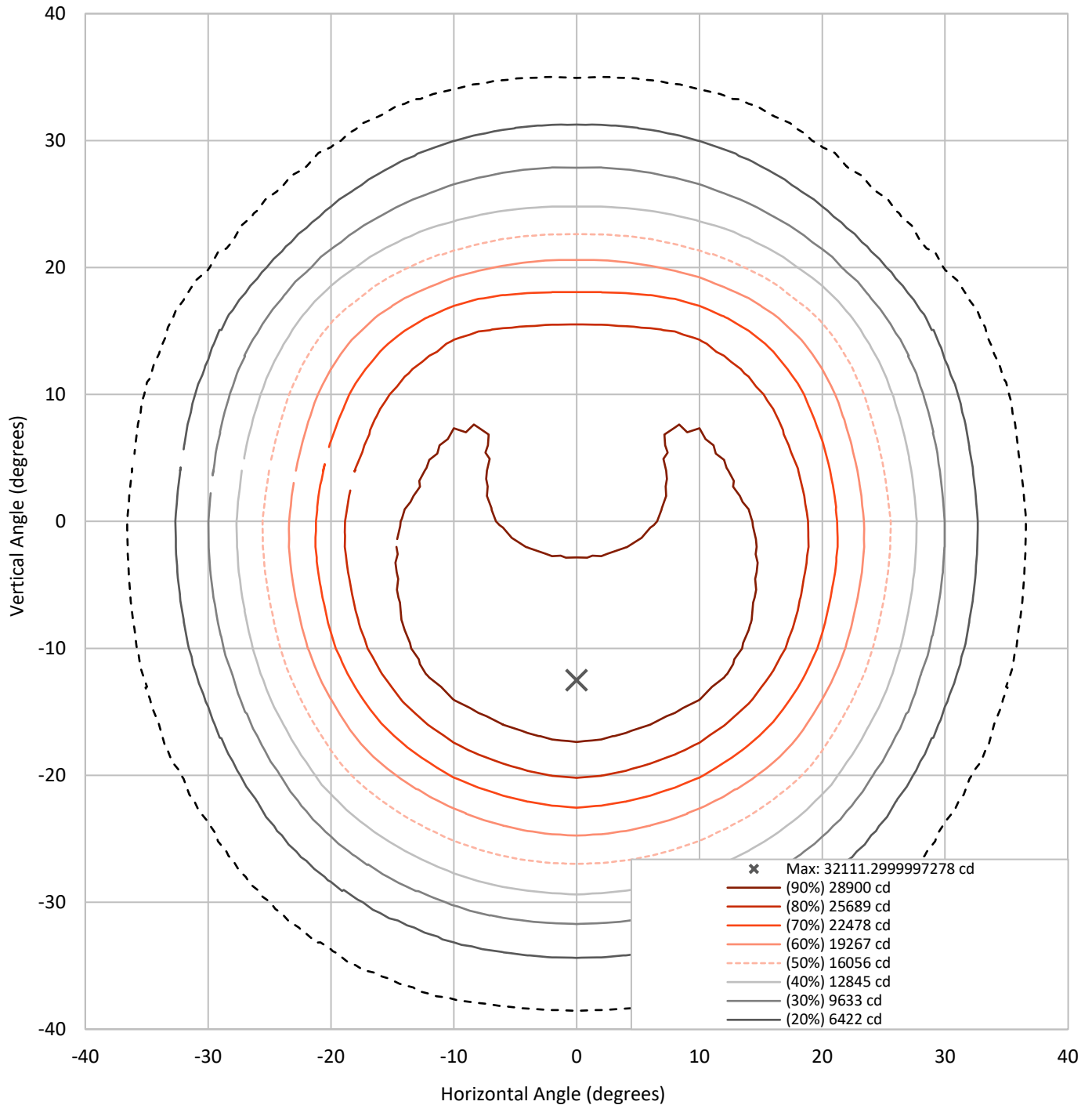
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 20659.3 lumens
Field Efficiency: 90.1%

Input Watts (W): 168.2
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: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-740-U-MWR-VSR-XX

Iso-Candela Plot





REPORT NUMBER: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)

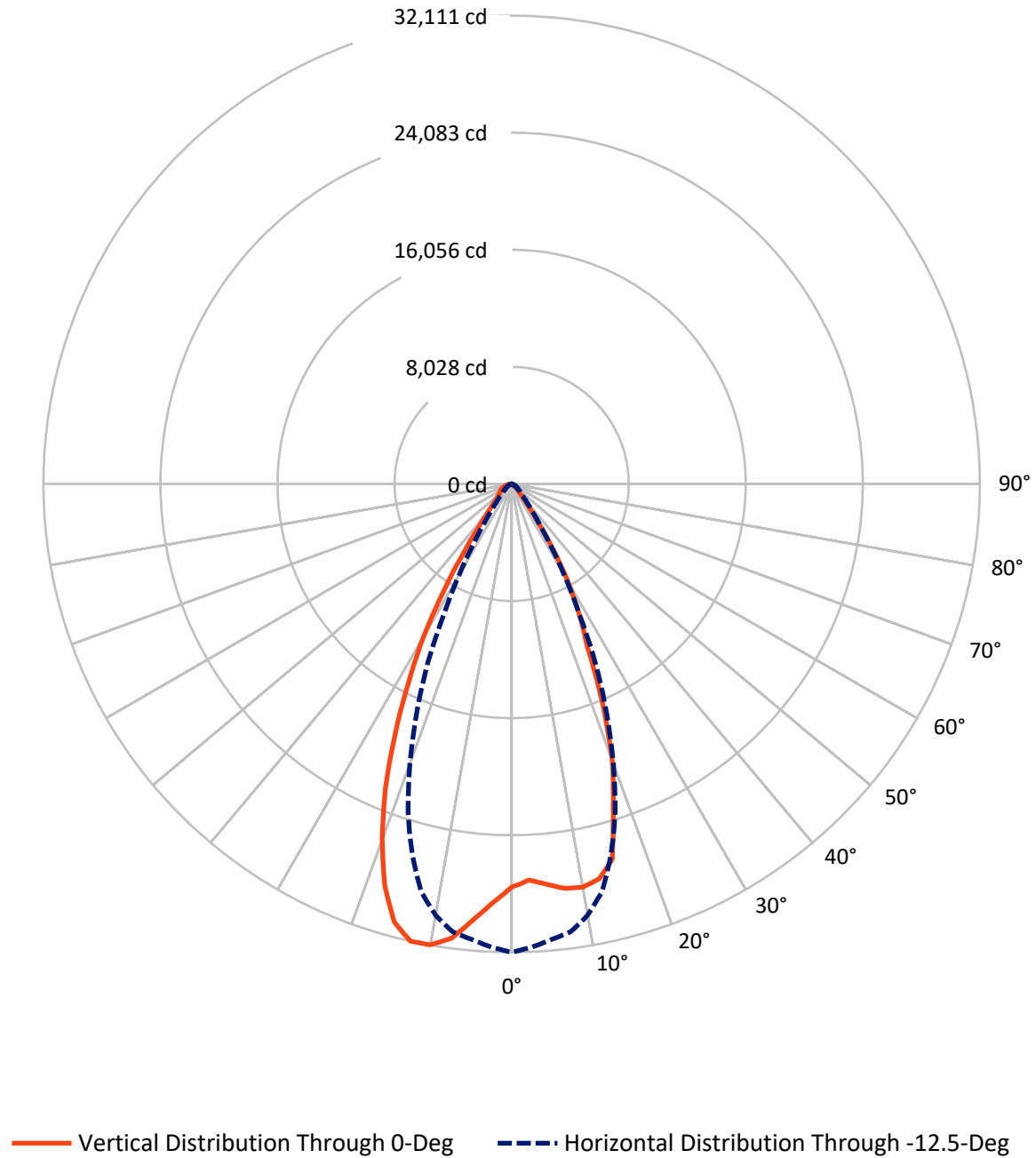
CATALOG NUMBER: GFLD-SA4C-740-U-MWR-VSR-XX

Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0					
70	0.0	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				
60		0.1	0.2	0.7	1.9	3.2	4.4	5.1	5.1	4.4	3.2	1.9	0.7	0.2	0.1				
50	0.1	0.1	0.9	3.2	6.4	10.5	15.7	19.3	19.3	15.7	10.5	6.4	3.2	0.9	0.1				
40		0.4	2.5	6.6	13.8	29.8	67.7	103.3	103.3	67.7	29.8	13.8	6.6	2.5	0.4				
30	0.2	0.9	4.3	10.7	28.8	106.6	274.4	383.5	383.5	274.4	106.6	28.8	10.7	4.3	0.9				
20		1.5	6.0	16.5	68.4	295.9	617.3	764.2	764.2	617.3	295.9	68.4	16.5	6.0	1.5				
10	0.5	2.0	7.4	21.3	109.0	435.7	795.9	862.8	862.8	795.9	435.7	109.0	21.3	7.4	2.0				
0		2.3	8.1	22.8	114.0	450.0	824.5	915.8	915.8	824.5	450.0	114.0	22.8	8.1	2.3				
-10	0.6	2.5	8.3	20.8	81.6	335.1	695.6	888.1	888.1	695.6	335.1	81.6	20.8	8.3	2.5				
-20		2.4	7.9	17.3	45.6	162.5	387.6	545.4	545.4	387.6	162.5	45.6	17.3	7.9	2.4				
-30	0.6	2.1	7.0	14.3	27.2	57.9	121.1	179.7	179.7	121.1	57.9	27.2	14.3	7.0	2.1				
-40		1.8	5.9	11.9	19.9	29.4	41.3	49.0	49.0	41.3	29.4	19.9	11.9	5.9	1.8				
-50	0.4	1.3	4.4	9.4	15.6	21.6	27.0	29.6	29.6	27.0	21.6	15.6	9.4	4.4	1.3				
-60		0.9	2.8	6.4	11.0	15.5	19.6	21.9	21.9	19.6	15.5	11.0	6.4	2.8	0.9				
-70																			
-80	0.2	2.5		11.5		24.6		31.5		24.6		11.5		2.5	0.2				
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

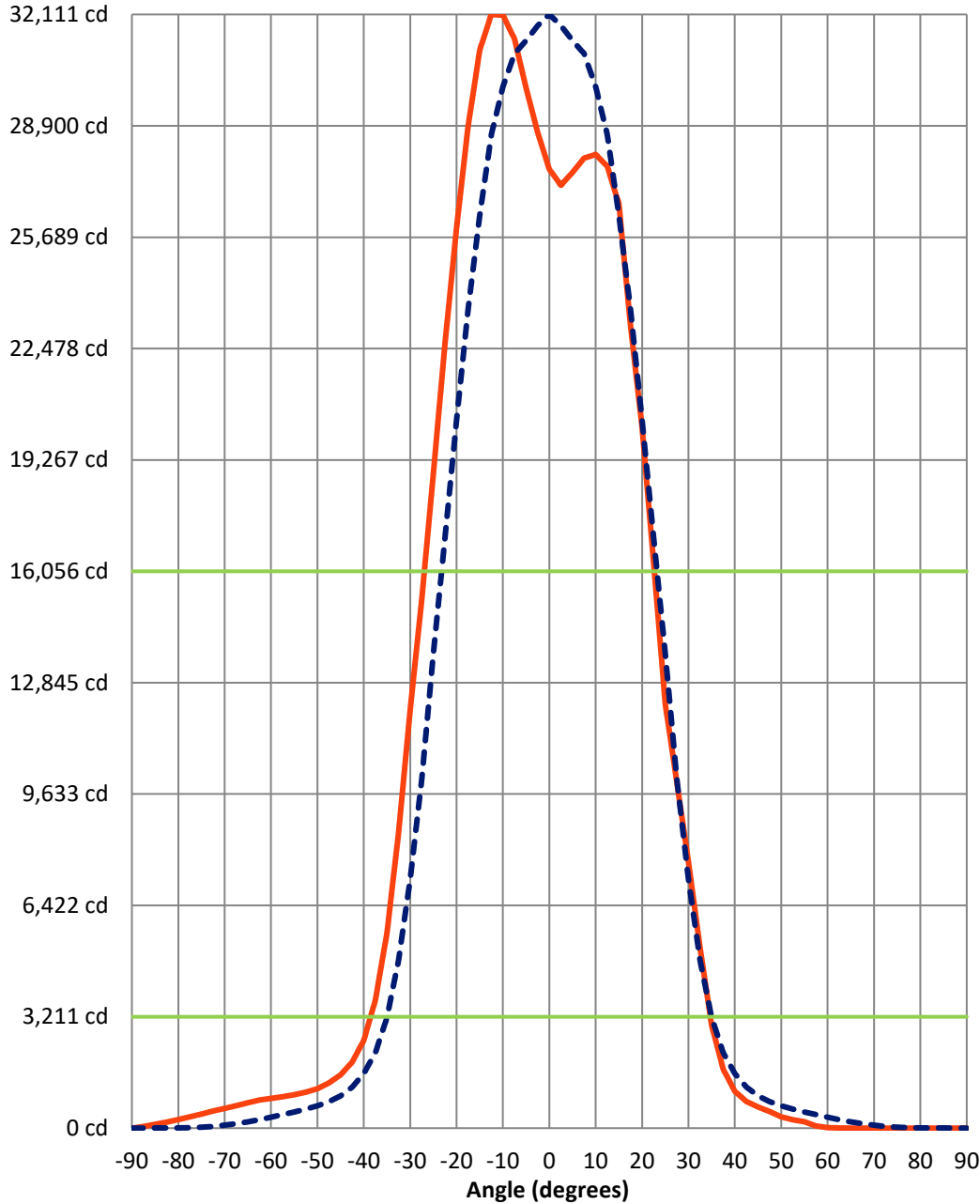
REPORT NUMBER: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-740-U-MWR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-740-U-MWR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 15352.1
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 20659.3
 Efficiency: 90.1%

Spill:
 Lumens: 2261.2
 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: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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	2	5	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	6	7	9
42.5°	0	0	3	5	4	5	6	7	6	8	11
40°	0	0	3	5	5	5	7	7	7	10	13
37.5°	0	0	3	5	5	5	8	7	9	12	14
35°	0	0	3	5	5	6	8	8	10	15	20
32.5°	0	0	4	5	5	6	9	8	13	19	31
30°	0	0	4	5	5	7	9	9	15	23	42
27.5°	0	0	4	5	5	7	9	10	17	28	52
25°	0	0	4	5	5	8	10	12	21	36	61
22.5°	0	0	4	5	5	8	10	14	25	43	72
20°	0	0	5	5	5	9	10	16	30	50	83
17.5°	0	0	5	5	5	9	11	17	34	57	95
15°	0	0	5	5	5	10	11	20	39	62	106
12.5°	0	0	5	5	5	10	12	23	43	68	118
10°	0	0	5	5	5	10	13	27	47	76	128
7.5°	0	0	5	5	5	10	14	31	51	85	137
5°	0	0	5	5	5	10	14	35	53	94	143
2.5°	0	0	5	5	5	10	15	39	56	103	149
0°	0	0	5	5	5	11	16	42	58	111	153
-2.5°	0	0	5	5	6	11	19	44	65	116	161
-5°	0	0	5	5	6	12	21	45	72	120	168
-7.5°	0	0	5	5	7	12	24	46	78	123	174
-10°	0	0	5	5	7	12	26	47	83	127	178
-12.5°	0	1	5	5	7	13	28	47	87	129	182
-15°	0	1	5	5	8	13	29	48	88	131	183
-17.5°	0	1	5	5	8	13	30	50	88	131	183
-20°	0	1	5	5	8	13	30	51	87	130	181

Classified

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

Scaled Data Report



REPORT NUMBER: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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	14	30	53	85	128	177
-25°	0	1	5	5	8	14	30	53	84	126	170
-27.5°	0	1	5	5	8	15	30	53	82	122	166
-30°	0	1	5	5	8	16	29	52	81	119	161
-32.5°	0	1	5	5	8	17	28	51	79	115	155
-35°	0	1	4	5	8	17	29	50	77	112	147
-37.5°	0	1	4	5	9	17	29	48	74	108	145
-40°	0	1	4	5	9	17	29	47	69	103	142
-42.5°	0	1	4	5	9	17	29	44	66	98	138
-45°	0	1	4	6	9	17	28	43	63	92	131
-47.5°	0	1	4	6	10	17	27	41	60	85	123
-50°	0	1	4	6	10	17	26	40	57	82	113
-52.5°	0	1	4	6	10	16	26	38	55	77	103
-55°	0	1	4	6	10	16	25	35	52	72	97
-57.5°	0	1	5	6	9	15	23	34	49	68	90
-60°	0	1	5	6	9	14	22	32	45	63	83
-62.5°	0	1	4	6	9	14	21	30	42	57	76
-65°	0	1	4	6	9	13	19	27	38	52	69
-67.5°	0	1	4	6	9	12	17	25	34	46	61
-70°	0	1	3	6	8	11	15	22	30	40	52
-72.5°	0	1	3	6	8	11	14	19	26	34	44
-75°	0	1	3	5	8	10	13	16	21	28	36
-77.5°	0	1	2	4	7	9	12	15	18	22	28
-80°	0	0	2	3	5	8	11	13	16	19	23
-82.5°	0	0	1	3	4	6	8	11	13	16	18
-85°	0	0	1	2	3	4	5	7	9	11	13
-87.5°	0	0	0	1	1	2	3	4	4	6	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: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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	2	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	6	7	7	19	31	35
55°	5	5	6	7	8	9	14	29	44	54	59
52.5°	6	6	8	10	12	20	36	54	68	78	93
50°	7	8	11	15	23	41	61	80	99	115	135
47.5°	9	11	16	23	43	66	90	114	136	159	188
45°	11	17	23	41	65	94	124	152	174	201	227
42.5°	13	26	39	58	92	127	161	184	208	238	272
40°	22	36	55	85	122	163	194	218	244	286	327
37.5°	32	51	73	112	156	197	226	255	293	341	391
35°	44	65	98	141	190	228	260	297	349	404	463
32.5°	56	78	122	171	217	257	294	348	403	464	544
30°	68	98	145	198	242	284	335	396	450	525	619
27.5°	80	118	170	222	266	310	377	436	498	583	697
25°	94	140	192	243	289	344	418	480	544	653	806
22.5°	110	160	214	262	310	380	460	537	621	729	917
20°	127	179	234	285	332	414	504	598	712	863	1109
17.5°	143	197	253	309	367	451	551	663	805	992	1354
15°	158	212	272	332	400	489	599	736	908	1141	1591
12.5°	171	226	290	355	429	524	641	790	993	1328	1894
10°	184	238	307	377	455	554	677	836	1062	1463	2121
7.5°	193	252	323	398	478	580	708	872	1124	1568	2297
5°	202	267	337	414	494	602	734	901	1175	1646	2433
2.5°	210	282	349	427	507	619	754	928	1225	1709	2548
0°	216	295	358	437	516	632	769	948	1264	1753	2638
-2.5°	223	301	370	445	531	641	776	962	1276	1759	2620
-5°	230	306	381	451	542	646	777	968	1275	1746	2566
-7.5°	234	309	388	456	549	649	778	964	1261	1716	2478
-10°	238	312	391	462	550	649	774	952	1231	1660	2346
-12.5°	244	316	392	465	550	645	764	931	1184	1575	2176
-15°	247	317	391	465	547	638	748	901	1121	1462	1966
-17.5°	248	318	389	461	543	628	726	866	1063	1362	1816
-20°	248	317	387	453	536	617	711	838	1015	1267	1633

Classified

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

Scaled Data Report



REPORT NUMBER: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-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°	246	315	384	446	526	606	693	805	953	1160	1455
-25°	240	311	379	443	514	593	671	768	898	1081	1327
-27.5°	232	304	371	436	502	577	651	740	853	994	1190
-30°	221	295	361	426	491	562	632	707	806	929	1087
-32.5°	209	286	350	413	478	545	612	682	766	868	992
-35°	201	273	338	398	462	527	591	656	726	816	922
-37.5°	196	260	326	383	443	507	568	630	695	766	862
-40°	190	247	312	369	424	485	545	603	663	734	808
-42.5°	182	237	297	355	407	464	521	577	637	702	771
-45°	174	226	283	337	390	442	497	550	608	670	734
-47.5°	164	213	268	316	367	420	473	525	577	635	697
-50°	153	199	248	295	341	393	446	499	549	598	652
-52.5°	140	181	229	274	316	360	414	468	518	567	615
-55°	127	165	208	252	295	333	380	434	484	532	581
-57.5°	116	149	188	230	272	312	355	400	450	496	543
-60°	107	133	167	206	247	287	328	371	416	460	503
-62.5°	97	120	147	180	218	258	297	337	379	417	456
-65°	88	106	129	156	187	223	260	299	337	371	403
-67.5°	77	94	112	133	159	189	220	254	290	323	354
-70°	67	81	97	114	134	158	186	214	242	272	302
-72.5°	56	68	82	96	113	134	156	178	203	228	254
-75°	45	56	67	79	94	111	129	148	168	188	209
-77.5°	36	45	54	63	74	87	102	117	133	149	165
-80°	28	33	41	49	58	67	77	87	99	112	126
-82.5°	22	26	31	36	42	48	54	62	71	80	90
-85°	16	18	21	24	27	31	35	39	45	51	57
-87.5°	8	9	11	12	14	15	17	19	21	24	27
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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	17	13	19	21	20	16	16
57.5°	37	40	45	53	59	62	67	73	77	79	81
55°	68	81	95	102	113	130	146	147	150	153	162
52.5°	108	124	131	144	166	180	187	199	213	225	237
50°	157	171	187	207	228	242	246	268	294	316	329
47.5°	207	224	253	289	307	323	345	373	402	433	457
45°	252	284	321	353	377	404	434	468	514	557	589
42.5°	305	341	378	415	441	487	538	579	645	702	738
40°	366	401	455	499	555	612	701	783	866	962	1032
37.5°	439	494	569	641	723	808	967	1130	1262	1449	1552
35°	526	612	718	826	958	1162	1394	1708	2034	2306	2568
32.5°	628	737	884	1077	1298	1625	1974	2552	3116	3679	4231
30°	728	887	1111	1377	1740	2257	2914	3808	4776	5624	6391
27.5°	861	1086	1377	1774	2393	3151	4364	5605	6838	7938	8729
25°	1021	1324	1735	2393	3286	4543	6169	7690	9137	10216	11125
22.5°	1254	1707	2291	3129	4749	6498	8443	10357	11983	13342	14238
20°	1541	2154	3131	4649	6555	8742	11246	13259	15261	16791	18157
17.5°	1948	2925	4303	6232	8509	11426	14004	16249	18791	20354	21749
15°	2314	3569	5534	7995	10663	13755	16795	19545	21998	23717	25275
12.5°	2777	4255	6513	9408	12326	15768	18929	21873	24276	26044	27135
10°	3192	4957	7491	10518	13785	17381	20657	23722	26049	27416	28218
7.5°	3526	5540	8283	11469	14918	18537	21997	25039	27266	28410	28957
5°	3786	5973	8904	12248	15830	19534	23065	26043	27918	28864	29170
2.5°	3980	6275	9321	12761	16446	20270	23875	26810	28410	29092	29193
0°	4112	6486	9593	13084	16974	20534	24314	27294	28815	29363	29416
-2.5°	4081	6410	9581	12967	16914	20652	24384	27325	28953	29689	29808
-5°	3998	6229	9263	12635	16433	20177	23736	26841	28839	29951	30443
-7.5°	3838	5918	8720	12001	15653	19401	23030	26252	28552	30115	31078
-10°	3565	5462	8025	11199	14798	18369	21957	25301	27777	29659	31001
-12.5°	3192	4845	7177	10063	13681	17015	20412	23616	26319	28639	30026
-15°	2808	4201	6297	8937	12087	15370	18509	21652	24320	26491	28220
-17.5°	2534	3638	5277	7587	10353	13468	16530	19418	21826	23866	25679
-20°	2187	3007	4305	6248	8683	11406	14339	16909	19059	20972	22704



REPORT NUMBER: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	1911	2575	3513	4838	7026	9427	11827	14193	16214	17918	19396
-25°	1661	2127	2860	3937	5360	7434	9456	11454	13320	14903	16235
-27.5°	1464	1835	2323	3090	4170	5380	7152	8822	10426	11874	13130
-30°	1285	1563	1945	2425	3159	4058	5124	6373	7652	8795	9936
-32.5°	1157	1355	1617	1973	2384	3028	3672	4512	5322	6156	6974
-35°	1041	1201	1379	1617	1899	2275	2699	3213	3646	4192	4694
-37.5°	962	1074	1211	1361	1563	1772	2060	2372	2640	2944	3200
-40°	897	985	1077	1178	1317	1459	1644	1819	1990	2175	2313
-42.5°	842	912	979	1057	1139	1253	1377	1487	1590	1699	1789
-45°	798	851	905	966	1028	1110	1198	1280	1347	1408	1457
-47.5°	752	799	847	893	947	1006	1064	1116	1173	1220	1254
-50°	706	753	796	837	883	929	975	1017	1057	1092	1113
-52.5°	662	710	752	790	829	867	905	942	977	1008	1023
-55°	628	672	715	749	782	814	848	883	916	946	955
-57.5°	591	636	677	708	738	767	799	832	863	891	900
-60°	548	596	632	661	692	724	753	782	811	836	846
-62.5°	497	539	573	602	629	655	688	719	749	774	788
-65°	437	473	505	534	561	587	617	645	673	694	710
-67.5°	384	412	439	464	491	517	545	572	597	616	629
-70°	331	358	382	407	430	453	475	498	520	537	549
-72.5°	279	303	324	346	367	387	407	426	445	459	471
-75°	231	251	269	287	305	321	337	351	366	378	389
-77.5°	182	198	214	229	245	257	269	281	292	302	312
-80°	139	151	163	174	186	195	205	213	222	230	238
-82.5°	100	108	115	123	131	138	144	150	157	162	168
-85°	64	68	72	76	81	85	89	93	96	100	104
-87.5°	30	32	34	36	38	40	42	44	46	48	49
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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	16	16	16	16	16	16	16	16	20	21
57.5°	79	74	69	63	69	74	79	81	79	77	73
55°	172	182	186	184	186	182	172	162	153	150	147
52.5°	245	249	248	242	248	249	245	237	225	213	199
50°	334	335	332	326	332	335	334	329	316	294	268
47.5°	469	476	480	479	480	476	469	457	433	402	373
45°	602	609	612	611	612	609	602	589	557	514	468
42.5°	757	769	773	769	773	769	757	738	702	645	579
40°	1073	1086	1080	1064	1080	1086	1073	1032	962	866	783
37.5°	1625	1678	1700	1701	1700	1678	1625	1552	1449	1262	1130
35°	2803	2991	3077	2970	3077	2991	2803	2568	2306	2034	1708
32.5°	4682	5014	5202	5202	5202	5014	4682	4231	3679	3116	2552
30°	6971	7387	7621	7671	7621	7387	6971	6391	5624	4776	3808
27.5°	9345	9776	9999	9967	9999	9776	9345	8729	7938	6838	5605
25°	11727	12053	12241	12246	12241	12053	11727	11125	10216	9137	7690
22.5°	15246	15932	16215	16290	16215	15932	15246	14238	13342	11983	10357
20°	19083	19747	20176	20202	20176	19747	19083	18157	16791	15261	13259
17.5°	22737	23067	23128	23156	23128	23067	22737	21749	20354	18791	16249
15°	26182	26298	26603	26641	26603	26298	26182	25275	23717	21998	19545
12.5°	27819	27925	27872	27731	27872	27925	27819	27135	26044	24276	21873
10°	28711	28561	28340	28073	28340	28561	28711	28218	27416	26049	23722
7.5°	28913	28747	28356	27968	28356	28747	28913	28957	28410	27266	25039
5°	29009	28523	28028	27557	28028	28523	29009	29170	28864	27918	26043
2.5°	28952	28374	27695	27189	27695	28374	28952	29193	29092	28410	26810
0°	29137	28552	27841	27652	27841	28552	29137	29416	29363	28815	27294
-2.5°	29651	29177	28806	28705	28806	29177	29651	29808	29689	28953	27325
-5°	30576	30472	29841	29989	29841	30472	30576	30443	29951	28839	26841
-7.5°	31470	31322	31055	31401	31055	31322	31470	31078	30115	28552	26252
-10°	31708	31659	31784	32090	31784	31659	31708	31001	29659	27777	25301
-12.5°	30979	31361	31789	32111	31789	31361	30979	30026	28639	26319	23616
-15°	29355	30136	30775	31079	30775	30136	29355	28220	26491	24320	21652
-17.5°	26963	27920	28678	28894	28678	27920	26963	25679	23866	21826	19418
-20°	24017	24991	25681	25956	25681	24991	24017	22704	20972	19059	16909

Classified

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

Scaled Data Report



REPORT NUMBER: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	20702	21653	22279	22608	22279	21653	20702	19396	17918	16214	14193
-25°	17338	18174	18729	18875	18729	18174	17338	16235	14903	13320	11454
-27.5°	14121	14793	15202	15248	15202	14793	14121	13130	11874	10426	8822
-30°	10885	11509	11864	12052	11864	11509	10885	9936	8795	7652	6373
-32.5°	7645	8140	8440	8519	8440	8140	7645	6974	6156	5322	4512
-35°	5097	5405	5595	5634	5595	5405	5097	4694	4192	3646	3213
-37.5°	3408	3558	3651	3696	3651	3558	3408	3200	2944	2640	2372
-40°	2414	2485	2524	2533	2524	2485	2414	2313	2175	1990	1819
-42.5°	1847	1883	1901	1906	1901	1883	1847	1789	1699	1590	1487
-45°	1492	1517	1532	1537	1532	1517	1492	1457	1408	1347	1280
-47.5°	1276	1293	1302	1306	1302	1293	1276	1254	1220	1173	1116
-50°	1126	1135	1139	1137	1139	1135	1126	1113	1092	1057	1017
-52.5°	1031	1038	1039	1037	1039	1038	1031	1023	1008	977	942
-55°	961	966	966	964	966	966	961	955	946	916	883
-57.5°	907	913	911	906	911	913	907	900	891	863	832
-60°	854	860	861	858	861	860	854	846	836	811	782
-62.5°	801	811	813	811	813	811	801	788	774	749	719
-65°	724	737	737	732	737	737	724	710	694	673	645
-67.5°	640	649	650	648	650	649	640	629	616	597	572
-70°	560	571	571	569	571	571	560	549	537	520	498
-72.5°	482	492	494	495	494	492	482	471	459	445	426
-75°	399	408	408	405	408	408	399	389	378	366	351
-77.5°	321	330	329	326	329	330	321	312	302	292	281
-80°	245	251	250	248	250	251	245	238	230	222	213
-82.5°	173	178	176	174	176	178	173	168	162	157	150
-85°	107	110	110	111	110	110	107	104	100	96	93
-87.5°	51	52	50	47	50	52	51	49	48	46	44
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	19	13	17	17	13	10	14	12	5	4	4
57.5°	67	62	59	53	45	40	37	35	31	19	7
55°	146	130	113	102	95	81	68	59	54	44	29
52.5°	187	180	166	144	131	124	108	93	78	68	54
50°	246	242	228	207	187	171	157	135	115	99	80
47.5°	345	323	307	289	253	224	207	188	159	136	114
45°	434	404	377	353	321	284	252	227	201	174	152
42.5°	538	487	441	415	378	341	305	272	238	208	184
40°	701	612	555	499	455	401	366	327	286	244	218
37.5°	967	808	723	641	569	494	439	391	341	293	255
35°	1394	1162	958	826	718	612	526	463	404	349	297
32.5°	1974	1625	1298	1077	884	737	628	544	464	403	348
30°	2914	2257	1740	1377	1111	887	728	619	525	450	396
27.5°	4364	3151	2393	1774	1377	1086	861	697	583	498	436
25°	6169	4543	3286	2393	1735	1324	1021	806	653	544	480
22.5°	8443	6498	4749	3129	2291	1707	1254	917	729	621	537
20°	11246	8742	6555	4649	3131	2154	1541	1109	863	712	598
17.5°	14004	11426	8509	6232	4303	2925	1948	1354	992	805	663
15°	16795	13755	10663	7995	5534	3569	2314	1591	1141	908	736
12.5°	18929	15768	12326	9408	6513	4255	2777	1894	1328	993	790
10°	20657	17381	13785	10518	7491	4957	3192	2121	1463	1062	836
7.5°	21997	18537	14918	11469	8283	5540	3526	2297	1568	1124	872
5°	23065	19534	15830	12248	8904	5973	3786	2433	1646	1175	901
2.5°	23875	20270	16446	12761	9321	6275	3980	2548	1709	1225	928
0°	24314	20534	16974	13084	9593	6486	4112	2638	1753	1264	948
-2.5°	24384	20652	16914	12967	9581	6410	4081	2620	1759	1276	962
-5°	23736	20177	16433	12635	9263	6229	3998	2566	1746	1275	968
-7.5°	23030	19401	15653	12001	8720	5918	3838	2478	1716	1261	964
-10°	21957	18369	14798	11199	8025	5462	3565	2346	1660	1231	952
-12.5°	20412	17015	13681	10063	7177	4845	3192	2176	1575	1184	931
-15°	18509	15370	12087	8937	6297	4201	2808	1966	1462	1121	901
-17.5°	16530	13468	10353	7587	5277	3638	2534	1816	1362	1063	866
-20°	14339	11406	8683	6248	4305	3007	2187	1633	1267	1015	838

Classified

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

Scaled Data Report



REPORT NUMBER: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	11827	9427	7026	4838	3513	2575	1911	1455	1160	953	805
-25°	9456	7434	5360	3937	2860	2127	1661	1327	1081	898	768
-27.5°	7152	5380	4170	3090	2323	1835	1464	1190	994	853	740
-30°	5124	4058	3159	2425	1945	1563	1285	1087	929	806	707
-32.5°	3672	3028	2384	1973	1617	1355	1157	992	868	766	682
-35°	2699	2275	1899	1617	1379	1201	1041	922	816	726	656
-37.5°	2060	1772	1563	1361	1211	1074	962	862	766	695	630
-40°	1644	1459	1317	1178	1077	985	897	808	734	663	603
-42.5°	1377	1253	1139	1057	979	912	842	771	702	637	577
-45°	1198	1110	1028	966	905	851	798	734	670	608	550
-47.5°	1064	1006	947	893	847	799	752	697	635	577	525
-50°	975	929	883	837	796	753	706	652	598	549	499
-52.5°	905	867	829	790	752	710	662	615	567	518	468
-55°	848	814	782	749	715	672	628	581	532	484	434
-57.5°	799	767	738	708	677	636	591	543	496	450	400
-60°	753	724	692	661	632	596	548	503	460	416	371
-62.5°	688	655	629	602	573	539	497	456	417	379	337
-65°	617	587	561	534	505	473	437	403	371	337	299
-67.5°	545	517	491	464	439	412	384	354	323	290	254
-70°	475	453	430	407	382	358	331	302	272	242	214
-72.5°	407	387	367	346	324	303	279	254	228	203	178
-75°	337	321	305	287	269	251	231	209	188	168	148
-77.5°	269	257	245	229	214	198	182	165	149	133	117
-80°	205	195	186	174	163	151	139	126	112	99	87
-82.5°	144	138	131	123	115	108	100	90	80	71	62
-85°	89	85	81	76	72	68	64	57	51	45	39
-87.5°	42	40	38	36	34	32	30	27	24	21	19
-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: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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	2	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°	7	6	6	6	5	5	5	5	5	4	4
55°	14	9	8	7	6	5	5	5	5	5	5
52.5°	36	20	12	10	8	6	6	5	5	5	5
50°	61	41	23	15	11	8	7	6	5	5	6
47.5°	90	66	43	23	16	11	9	7	5	5	6
45°	124	94	65	41	23	17	11	9	7	6	6
42.5°	161	127	92	58	39	26	13	11	8	6	7
40°	194	163	122	85	55	36	22	13	10	7	7
37.5°	226	197	156	112	73	51	32	14	12	9	7
35°	260	228	190	141	98	65	44	20	15	10	8
32.5°	294	257	217	171	122	78	56	31	19	13	8
30°	335	284	242	198	145	98	68	42	23	15	9
27.5°	377	310	266	222	170	118	80	52	28	17	10
25°	418	344	289	243	192	140	94	61	36	21	12
22.5°	460	380	310	262	214	160	110	72	43	25	14
20°	504	414	332	285	234	179	127	83	50	30	16
17.5°	551	451	367	309	253	197	143	95	57	34	17
15°	599	489	400	332	272	212	158	106	62	39	20
12.5°	641	524	429	355	290	226	171	118	68	43	23
10°	677	554	455	377	307	238	184	128	76	47	27
7.5°	708	580	478	398	323	252	193	137	85	51	31
5°	734	602	494	414	337	267	202	143	94	53	35
2.5°	754	619	507	427	349	282	210	149	103	56	39
0°	769	632	516	437	358	295	216	153	111	58	42
-2.5°	776	641	531	445	370	301	223	161	116	65	44
-5°	777	646	542	451	381	306	230	168	120	72	45
-7.5°	778	649	549	456	388	309	234	174	123	78	46
-10°	774	649	550	462	391	312	238	178	127	83	47
-12.5°	764	645	550	465	392	316	244	182	129	87	47
-15°	748	638	547	465	391	317	247	183	131	88	48
-17.5°	726	628	543	461	389	318	248	183	131	88	50
-20°	711	617	536	453	387	317	248	181	130	87	51

Classified

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

Scaled Data Report



REPORT NUMBER: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	693	606	526	446	384	315	246	177	128	85	53
-25°	671	593	514	443	379	311	240	170	126	84	53
-27.5°	651	577	502	436	371	304	232	166	122	82	53
-30°	632	562	491	426	361	295	221	161	119	81	52
-32.5°	612	545	478	413	350	286	209	155	115	79	51
-35°	591	527	462	398	338	273	201	147	112	77	50
-37.5°	568	507	443	383	326	260	196	145	108	74	48
-40°	545	485	424	369	312	247	190	142	103	69	47
-42.5°	521	464	407	355	297	237	182	138	98	66	44
-45°	497	442	390	337	283	226	174	131	92	63	43
-47.5°	473	420	367	316	268	213	164	123	85	60	41
-50°	446	393	341	295	248	199	153	113	82	57	40
-52.5°	414	360	316	274	229	181	140	103	77	55	38
-55°	380	333	295	252	208	165	127	97	72	52	35
-57.5°	355	312	272	230	188	149	116	90	68	49	34
-60°	328	287	247	206	167	133	107	83	63	45	32
-62.5°	297	258	218	180	147	120	97	76	57	42	30
-65°	260	223	187	156	129	106	88	69	52	38	27
-67.5°	220	189	159	133	112	94	77	61	46	34	25
-70°	186	158	134	114	97	81	67	52	40	30	22
-72.5°	156	134	113	96	82	68	56	44	34	26	19
-75°	129	111	94	79	67	56	45	36	28	21	16
-77.5°	102	87	74	63	54	45	36	28	22	18	15
-80°	77	67	58	49	41	33	28	23	19	16	13
-82.5°	54	48	42	36	31	26	22	18	16	13	11
-85°	35	31	27	24	21	18	16	13	11	9	7
-87.5°	17	15	14	12	11	9	8	7	6	4	4
-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: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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	5	2	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	3	0	0
40°	7	5	5	5	3	0	0
37.5°	8	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	10	5	5	5	0	0
12.5°	12	10	5	5	5	0	0
10°	13	10	5	5	5	0	0
7.5°	14	10	5	5	5	0	0
5°	14	10	5	5	5	0	0
2.5°	15	10	5	5	5	0	0
0°	16	11	5	5	5	0	0
-2.5°	19	11	6	5	5	0	0
-5°	21	12	6	5	5	0	0
-7.5°	24	12	7	5	5	0	0
-10°	26	12	7	5	5	0	0
-12.5°	28	13	7	5	5	1	0
-15°	29	13	8	5	5	1	0
-17.5°	30	13	8	5	5	1	0
-20°	30	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: P627406 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	30	14	8	5	5	1	0
-25°	30	14	8	5	5	1	0
-27.5°	30	15	8	5	5	1	0
-30°	29	16	8	5	5	1	0
-32.5°	28	17	8	5	5	1	0
-35°	29	17	8	5	4	1	0
-37.5°	29	17	9	5	4	1	0
-40°	29	17	9	5	4	1	0
-42.5°	29	17	9	5	4	1	0
-45°	28	17	9	6	4	1	0
-47.5°	27	17	10	6	4	1	0
-50°	26	17	10	6	4	1	0
-52.5°	26	16	10	6	4	1	0
-55°	25	16	10	6	4	1	0
-57.5°	23	15	9	6	5	1	0
-60°	22	14	9	6	5	1	0
-62.5°	21	14	9	6	4	1	0
-65°	19	13	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°	11	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)