

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: P627596 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-750-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627596 (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-750-U-MWR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22974.4 lumens
Efficiency: N/A
Efficacy: 144.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
NEMA Type: 4H x 5V
Max Intensity: 32186.9 candela
Max Intensity Angle: 0°H x -12.5°V
Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 15388.2 lumens
Beam Efficiency: 67.0%
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 20707.9 lumens
Field Efficiency: 90.1%

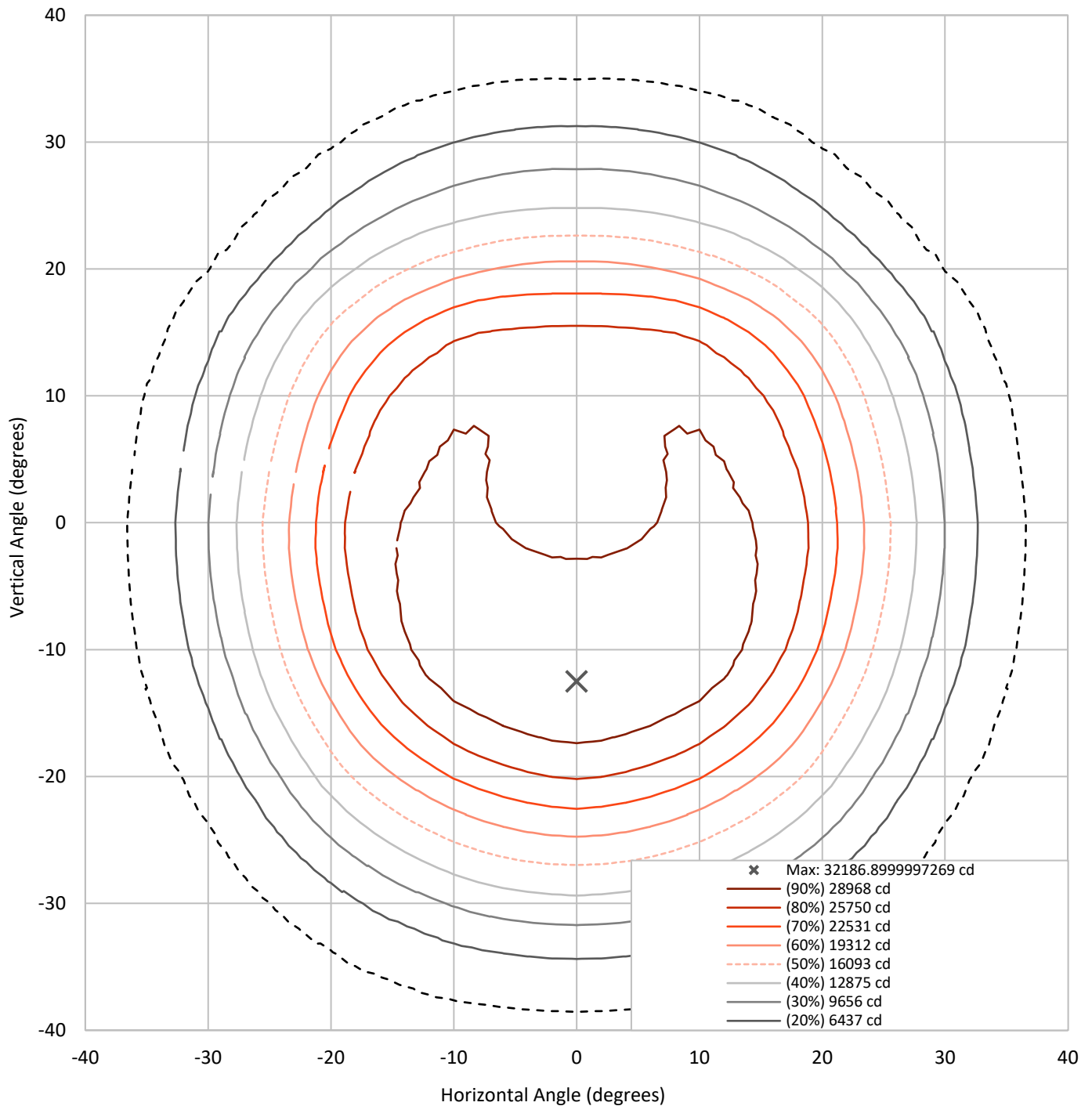
Input Watts (W): 158.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA5B-750-U-MWR-VSR-XX

Iso-Candela Plot





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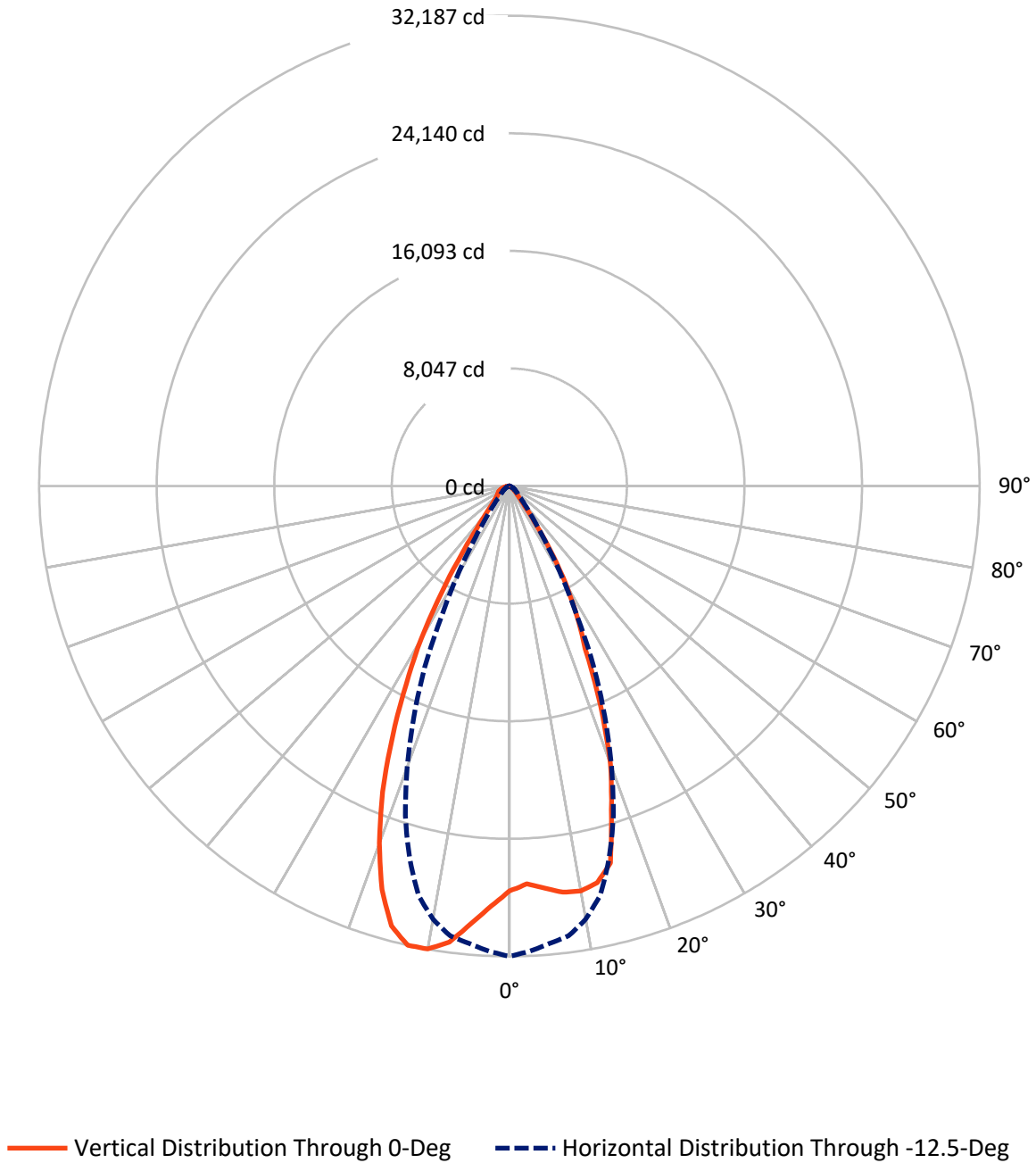
CATALOG NUMBER: GFLD-SA5B-750-U-MWR-VSR-XX

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	0.0	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	1.9	3.2	4.4	5.1	5.1	4.4	3.2	1.9	0.7	0.2		0.1								
40	0.1	0.1	0.9	3.2	6.5	10.6	15.7	19.3	19.3	15.7	10.6	6.5	3.2	0.9	0.1	0.1								
30		0.4	2.6	6.7	13.8	29.8	67.8	103.6	103.6	67.8	29.8	13.8	6.7	2.6	0.4									
20	0.3	0.9	4.3	10.7	28.8	106.8	275.0	384.4	384.4	275.0	106.8	28.8	10.7	4.3	0.9	0.3								
10		1.5	6.0	16.6	68.6	296.6	618.7	766.0	766.0	618.7	296.6	68.6	16.6	6.0	1.5									
0	0.5	2.0	7.4	21.4	109.2	436.7	797.7	864.8	864.8	797.7	436.7	109.2	21.4	7.4	2.0	0.5								
-10		2.4	8.2	22.9	114.3	451.1	826.5	917.9	917.9	826.5	451.1	114.3	22.9	8.2	2.4									
-20	0.6	2.5	8.3	20.8	81.8	335.8	697.2	890.2	890.2	697.2	335.8	81.8	20.8	8.3	2.5	0.6								
-30		2.4	7.9	17.3	45.7	162.9	388.5	546.7	546.7	388.5	162.9	45.7	17.3	7.9	2.4									
-40	0.6	2.1	7.1	14.4	27.3	58.0	121.4	180.1	180.1	121.4	58.0	27.3	14.4	7.1	2.1	0.6								
-50		1.8	5.9	12.0	19.9	29.4	41.4	49.1	49.1	41.4	29.4	19.9	12.0	5.9	1.8									
-60	0.4	1.4	4.5	9.4	15.7	21.7	27.1	29.6	29.6	27.1	21.7	15.7	9.4	4.5	1.4	0.4								
-70		0.9	2.8	6.4	11.0	15.5	19.7	22.0	22.0	19.7	15.5	11.0	6.4	2.8	0.9									
-80	0.2	2.5	11.6	24.6	31.6	24.6	11.6	2.5	0.2															
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90					

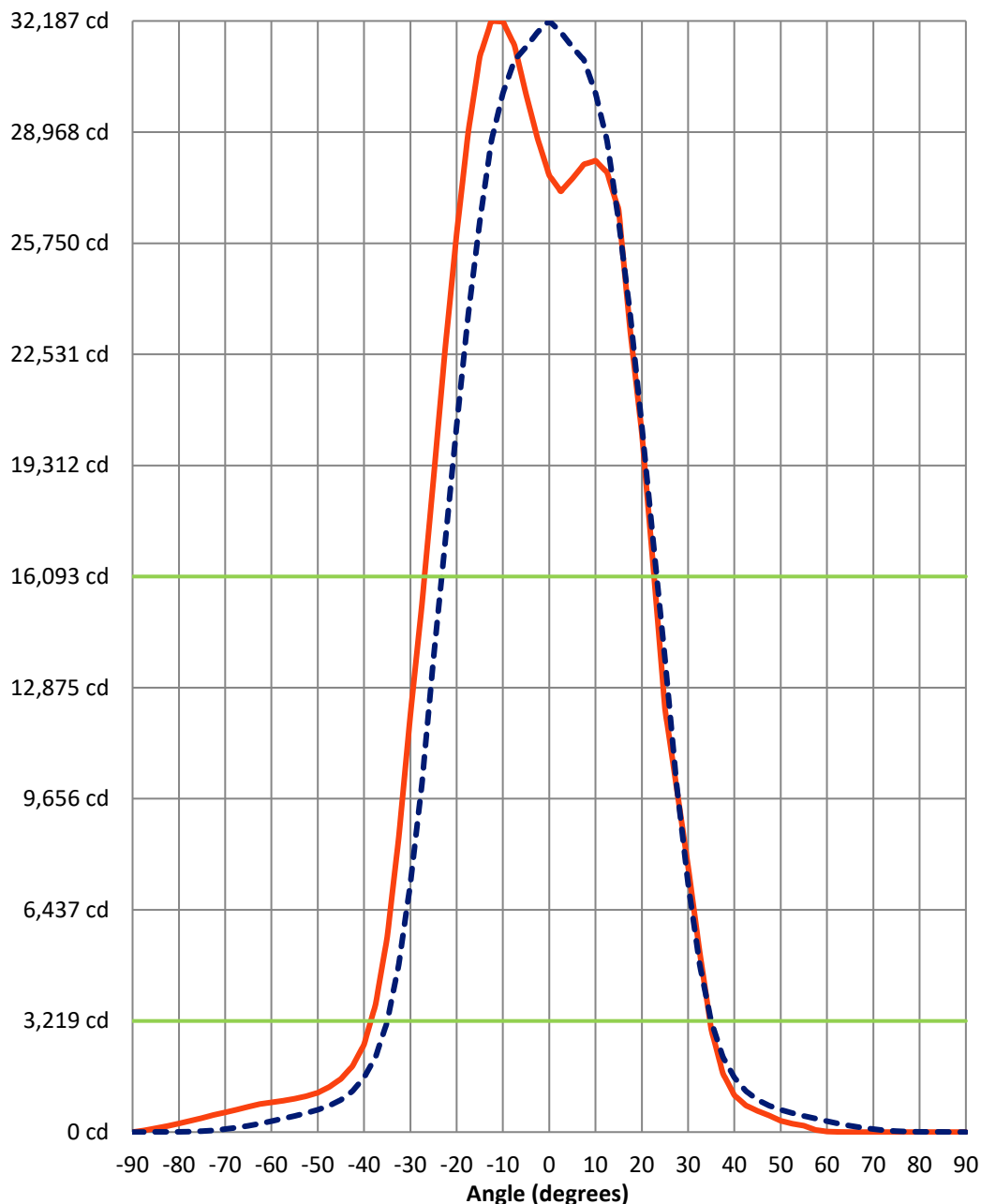
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 15388.2
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 20707.9
 Efficiency: 90.1%

Spill:
 Lumens: 2266.5
 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	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	15
35°	0	0	3	5	5	6	8	8	11	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	10	11	17	28	52
25°	0	0	4	5	5	8	10	12	21	36	61
22.5°	0	0	4	5	5	9	10	14	25	43	72
20°	0	0	5	5	5	9	10	16	30	51	83
17.5°	0	0	5	5	5	9	11	17	34	57	95
15°	0	0	5	5	5	10	11	20	39	63	106
12.5°	0	0	5	5	5	10	12	23	44	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	54	94	144
2.5°	0	0	5	5	5	11	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	66	116	161
-5°	0	0	5	5	6	12	21	45	73	120	168
-7.5°	0	0	5	5	7	12	24	46	79	124	174
-10°	0	0	5	5	7	12	26	47	84	127	179
-12.5°	0	1	5	5	7	13	28	47	87	130	182
-15°	0	1	5	5	8	13	29	48	89	131	184
-17.5°	0	1	5	5	8	13	30	50	88	131	184
-20°	0	1	5	5	8	14	30	52	87	131	181

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REPORT NUMBER: P627596 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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	1	5	5	8	14	30	53	86	129	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	29	51	80	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	18	29	47	70	104	142
-42.5°	0	1	4	5	9	18	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	114
-52.5°	0	1	4	6	10	16	26	38	55	77	104
-55°	0	1	4	6	10	16	25	35	52	72	98
-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	7	9	14	21	30	42	58	76
-65°	0	1	4	7	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	53
-72.5°	0	1	3	6	8	11	14	19	26	34	44
-75°	0	1	3	5	8	10	13	17	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	5	6	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627596 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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	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	13
57.5°	5	5	5	6	6	6	7	8	19	32	35
55°	5	5	6	7	8	9	14	29	44	54	59
52.5°	6	6	8	10	12	20	36	54	68	79	93
50°	7	9	11	15	23	41	61	81	99	116	136
47.5°	9	11	16	23	43	66	90	115	136	160	189
45°	11	17	23	41	65	94	125	152	174	202	228
42.5°	13	26	39	58	93	128	162	184	209	239	273
40°	22	36	55	85	122	164	194	218	244	286	328
37.5°	32	51	74	112	157	197	226	256	294	342	392
35°	44	65	98	141	191	228	261	297	350	405	464
32.5°	56	78	122	171	218	258	294	348	404	465	546
30°	68	98	146	199	243	285	336	397	451	526	621
27.5°	80	118	170	222	267	311	378	437	500	585	698
25°	94	140	193	243	289	345	419	481	546	654	807
22.5°	110	160	215	263	311	381	461	538	622	730	919
20°	128	180	235	286	332	415	505	600	714	865	1112
17.5°	144	197	254	310	367	452	552	664	807	995	1357
15°	159	213	273	333	401	491	600	738	910	1144	1595
12.5°	172	227	291	356	430	525	642	792	995	1331	1899
10°	184	239	308	378	456	555	679	838	1065	1466	2126
7.5°	194	252	324	399	479	581	710	875	1126	1572	2303
5°	203	268	338	415	495	603	735	903	1178	1649	2439
2.5°	210	282	350	428	508	620	756	930	1228	1713	2554
0°	216	295	359	438	517	633	770	950	1267	1757	2644
-2.5°	224	302	371	446	532	642	777	964	1279	1764	2626
-5°	230	307	382	452	543	648	779	970	1277	1750	2572
-7.5°	235	310	389	457	550	651	780	967	1264	1721	2484
-10°	239	313	392	463	552	650	776	954	1234	1664	2352
-12.5°	244	316	392	466	551	646	766	933	1187	1579	2182
-15°	247	318	392	466	548	639	749	903	1124	1465	1971
-17.5°	249	319	390	462	544	629	727	868	1066	1366	1820
-20°	248	318	388	454	538	618	712	840	1017	1270	1637

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CATALOG NUMBER: GFLD-SA5B-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°	246	315	385	447	527	607	695	807	955	1163	1459
-25°	241	311	380	444	516	594	672	770	900	1084	1330
-27.5°	233	305	372	437	503	579	653	741	855	996	1193
-30°	221	296	362	427	492	563	634	709	808	931	1090
-32.5°	210	286	351	414	479	547	613	683	768	870	994
-35°	202	273	339	399	463	529	593	657	727	818	924
-37.5°	197	260	327	384	445	508	570	632	696	768	864
-40°	190	247	313	370	425	487	546	605	665	736	810
-42.5°	182	238	298	356	408	465	522	578	638	704	773
-45°	175	226	284	338	391	443	498	551	610	672	736
-47.5°	165	214	268	316	368	421	474	527	578	636	698
-50°	153	199	249	295	341	394	447	500	550	600	654
-52.5°	141	182	229	275	317	361	415	469	519	569	616
-55°	127	166	209	253	295	334	381	435	485	533	582
-57.5°	117	149	188	230	272	312	355	401	451	497	545
-60°	107	134	167	206	248	287	329	372	417	462	504
-62.5°	97	120	147	180	219	259	298	338	380	418	457
-65°	88	106	129	157	187	223	261	299	338	372	404
-67.5°	78	94	112	133	160	190	220	255	290	323	355
-70°	67	81	97	114	134	159	187	215	243	272	303
-72.5°	56	69	82	96	114	134	156	179	203	229	255
-75°	45	56	67	80	94	111	129	148	168	188	209
-77.5°	36	45	54	63	74	88	102	117	133	149	165
-80°	28	34	41	49	58	67	77	87	99	112	126
-82.5°	22	26	31	36	42	48	55	62	71	81	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



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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°	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	46	53	59	63	67	73	77	79	81
55°	68	81	96	102	113	131	146	147	150	154	162
52.5°	109	124	132	144	167	181	188	200	213	226	237
50°	158	171	187	207	229	242	247	269	295	316	329
47.5°	207	225	254	289	308	324	345	373	402	434	458
45°	253	285	322	354	378	405	435	469	515	558	591
42.5°	305	342	379	416	442	488	539	580	646	704	740
40°	367	402	456	501	556	613	703	785	868	964	1034
37.5°	440	495	570	643	725	810	969	1132	1265	1452	1556
35°	528	614	720	828	960	1164	1397	1712	2039	2311	2574
32.5°	629	739	886	1080	1301	1629	1978	2558	3123	3687	4241
30°	729	889	1113	1380	1744	2262	2921	3817	4787	5637	6406
27.5°	863	1089	1380	1779	2398	3158	4374	5618	6854	7957	8749
25°	1024	1327	1739	2399	3293	4554	6184	7709	9159	10240	11151
22.5°	1257	1711	2296	3136	4760	6513	8463	10382	12011	13374	14272
20°	1545	2160	3138	4660	6570	8762	11272	13290	15297	16830	18200
17.5°	1953	2932	4313	6247	8529	11453	14037	16288	18835	20402	21800
15°	2320	3578	5547	8014	10688	13787	16835	19591	22050	23773	25335
12.5°	2783	4265	6528	9430	12355	15805	18973	21925	24333	26106	27198
10°	3199	4968	7509	10543	13817	17422	20705	23778	26110	27480	28284
7.5°	3534	5554	8303	11496	14953	18581	22049	25098	27330	28477	29025
5°	3795	5987	8925	12277	15867	19580	23119	26104	27984	28932	29238
2.5°	3990	6289	9343	12791	16485	20317	23932	26873	28477	29161	29262
0°	4122	6502	9615	13114	17014	20582	24371	27358	28883	29432	29485
-2.5°	4091	6425	9603	12997	16953	20701	24441	27389	29021	29759	29879
-5°	4007	6244	9285	12665	16471	20224	23792	26904	28907	30021	30514
-7.5°	3847	5932	8740	12029	15690	19447	23084	26314	28619	30186	31151
-10°	3573	5475	8044	11225	14833	18412	22009	25361	27843	29729	31074
-12.5°	3200	4856	7194	10086	13713	17055	20460	23672	26381	28707	30096
-15°	2814	4211	6311	8958	12115	15406	18552	21703	24378	26553	28286
-17.5°	2540	3647	5289	7605	10377	13500	16569	19464	21877	23922	25739
-20°	2192	3014	4315	6262	8703	11433	14373	16949	19104	21021	22758



REPORT NUMBER: P627596 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	1916	2581	3521	4849	7042	9449	11854	14227	16252	17960	19442
-25°	1665	2132	2866	3947	5373	7451	9478	11481	13351	14938	16273
-27.5°	1468	1839	2329	3098	4180	5393	7169	8843	10451	11902	13161
-30°	1288	1567	1950	2431	3167	4068	5136	6388	7670	8816	9959
-32.5°	1160	1358	1621	1978	2390	3035	3681	4523	5335	6170	6991
-35°	1044	1203	1382	1621	1904	2280	2706	3220	3654	4201	4705
-37.5°	965	1077	1214	1364	1567	1777	2065	2377	2646	2951	3207
-40°	899	987	1079	1181	1320	1462	1648	1824	1994	2180	2319
-42.5°	844	914	981	1060	1142	1256	1381	1490	1594	1703	1794
-45°	800	853	907	968	1030	1113	1201	1283	1350	1411	1461
-47.5°	754	801	849	895	949	1009	1067	1119	1175	1223	1257
-50°	708	755	798	839	885	932	978	1019	1059	1094	1116
-52.5°	663	712	754	791	831	869	907	945	979	1011	1025
-55°	629	674	717	750	783	816	850	885	918	948	957
-57.5°	592	637	679	710	740	769	801	834	865	893	902
-60°	549	597	633	662	693	725	755	784	813	838	848
-62.5°	498	541	574	603	631	657	689	721	751	775	790
-65°	438	474	506	536	562	588	618	647	674	696	712
-67.5°	384	413	440	466	492	518	546	573	599	618	630
-70°	332	359	383	408	431	454	477	499	521	538	550
-72.5°	280	304	325	347	368	388	408	427	446	460	472
-75°	231	251	270	288	306	322	337	352	367	379	390
-77.5°	182	199	214	230	245	258	270	281	292	303	313
-80°	140	151	163	175	186	196	205	214	222	230	238
-82.5°	100	108	116	123	131	138	144	151	157	163	168
-85°	64	68	72	77	81	85	89	93	97	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: P627596 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	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	185	186	182	172	162	154	150	147
52.5°	245	250	248	243	248	250	245	237	226	213	200
50°	335	335	333	327	333	335	335	329	316	295	269
47.5°	470	478	481	480	481	478	470	458	434	402	373
45°	603	610	613	612	613	610	603	591	558	515	469
42.5°	759	771	774	771	774	771	759	740	704	646	580
40°	1075	1089	1083	1066	1083	1089	1075	1034	964	868	785
37.5°	1629	1682	1704	1705	1704	1682	1629	1556	1452	1265	1132
35°	2810	2998	3084	2977	3084	2998	2810	2574	2311	2039	1712
32.5°	4693	5026	5214	5214	5214	5026	4693	4241	3687	3123	2558
30°	6987	7405	7639	7689	7639	7405	6987	6406	5637	4787	3817
27.5°	9367	9799	10023	9990	10023	9799	9367	8749	7957	6854	5618
25°	11755	12082	12270	12275	12270	12082	11755	11151	10240	9159	7709
22.5°	15282	15970	16253	16328	16253	15970	15282	14272	13374	12011	10382
20°	19127	19794	20224	20249	20224	19794	19127	18200	16830	15297	13290
17.5°	22791	23121	23182	23210	23182	23121	22791	21800	20402	18835	16288
15°	26244	26360	26665	26704	26665	26360	26244	25335	23773	22050	19591
12.5°	27884	27990	27938	27796	27938	27990	27884	27198	26106	24333	21925
10°	28778	28629	28407	28139	28407	28629	28778	28284	27480	26110	23778
7.5°	28981	28815	28423	28034	28423	28815	28981	29025	28477	27330	25098
5°	29077	28590	28094	27622	28094	28590	29077	29238	28932	27984	26104
2.5°	29020	28440	27760	27253	27760	28440	29020	29262	29161	28477	26873
0°	29205	28619	27907	27717	27907	28619	29205	29485	29432	28883	27358
-2.5°	29721	29246	28874	28772	28874	29246	29721	29879	29759	29021	27389
-5°	30648	30543	29912	30060	29912	30543	30648	30514	30021	28907	26904
-7.5°	31544	31396	31128	31474	31128	31396	31544	31151	30186	28619	26314
-10°	31782	31734	31859	32166	31859	31734	31782	31074	29729	27843	25361
-12.5°	31052	31435	31864	32187	31864	31435	31052	30096	28707	26381	23672
-15°	29424	30207	30848	31152	30848	30207	29424	28286	26553	24378	21703
-17.5°	27026	27986	28746	28962	28746	27986	27026	25739	23922	21877	19464
-20°	24074	25050	25741	26018	25741	25050	24074	22758	21021	19104	16949



REPORT NUMBER: P627596 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	20751	21704	22331	22661	22331	21704	20751	19442	17960	16252	14227
-25°	17379	18217	18773	18920	18773	18217	17379	16273	14938	13351	11481
-27.5°	14154	14828	15238	15283	15238	14828	14154	13161	11902	10451	8843
-30°	10910	11536	11891	12080	11891	11536	10910	9959	8816	7670	6388
-32.5°	7663	8159	8460	8539	8460	8159	7663	6991	6170	5335	4523
-35°	5109	5418	5608	5647	5608	5418	5109	4705	4201	3654	3220
-37.5°	3416	3567	3659	3705	3659	3567	3416	3207	2951	2646	2377
-40°	2420	2491	2530	2538	2530	2491	2420	2319	2180	1994	1824
-42.5°	1851	1887	1905	1910	1905	1887	1851	1794	1703	1594	1490
-45°	1496	1521	1536	1541	1536	1521	1496	1461	1411	1350	1283
-47.5°	1280	1296	1305	1309	1305	1296	1280	1257	1223	1175	1119
-50°	1129	1138	1142	1140	1142	1138	1129	1116	1094	1059	1019
-52.5°	1034	1040	1042	1040	1042	1040	1034	1025	1011	979	945
-55°	963	968	968	966	968	968	963	957	948	918	885
-57.5°	909	915	913	908	913	915	909	902	893	865	834
-60°	856	862	863	860	863	862	856	848	838	813	784
-62.5°	803	813	815	813	815	813	803	790	775	751	721
-65°	726	739	739	734	739	739	726	712	696	674	647
-67.5°	641	651	651	649	651	651	641	630	618	599	573
-70°	562	572	572	570	572	572	562	550	538	521	499
-72.5°	483	493	496	496	496	493	483	472	460	446	427
-75°	400	409	409	406	409	409	400	390	379	367	352
-77.5°	322	331	330	327	330	331	322	313	303	292	281
-80°	245	252	250	248	250	252	245	238	230	222	214
-82.5°	174	179	177	174	177	179	174	168	163	157	151
-85°	107	110	111	111	111	110	107	104	100	97	93
-87.5°	51	53	50	48	50	53	51	49	48	46	44
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627596 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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	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	13	5	4	4
57.5°	67	63	59	53	46	40	37	35	32	19	8
55°	146	131	113	102	96	81	68	59	54	44	29
52.5°	188	181	167	144	132	124	109	93	79	68	54
50°	247	242	229	207	187	171	158	136	116	99	81
47.5°	345	324	308	289	254	225	207	189	160	136	115
45°	435	405	378	354	322	285	253	228	202	174	152
42.5°	539	488	442	416	379	342	305	273	239	209	184
40°	703	613	556	501	456	402	367	328	286	244	218
37.5°	969	810	725	643	570	495	440	392	342	294	256
35°	1397	1164	960	828	720	614	528	464	405	350	297
32.5°	1978	1629	1301	1080	886	739	629	546	465	404	348
30°	2921	2262	1744	1380	1113	889	729	621	526	451	397
27.5°	4374	3158	2398	1779	1380	1089	863	698	585	500	437
25°	6184	4554	3293	2399	1739	1327	1024	807	654	546	481
22.5°	8463	6513	4760	3136	2296	1711	1257	919	730	622	538
20°	11272	8762	6570	4660	3138	2160	1545	1112	865	714	600
17.5°	14037	11453	8529	6247	4313	2932	1953	1357	995	807	664
15°	16835	13787	10688	8014	5547	3578	2320	1595	1144	910	738
12.5°	18973	15805	12355	9430	6528	4265	2783	1899	1331	995	792
10°	20705	17422	13817	10543	7509	4968	3199	2126	1466	1065	838
7.5°	22049	18581	14953	11496	8303	5554	3534	2303	1572	1126	875
5°	23119	19580	15867	12277	8925	5987	3795	2439	1649	1178	903
2.5°	23932	20317	16485	12791	9343	6289	3990	2554	1713	1228	930
0°	24371	20582	17014	13114	9615	6502	4122	2644	1757	1267	950
-2.5°	24441	20701	16953	12997	9603	6425	4091	2626	1764	1279	964
-5°	23792	20224	16471	12665	9285	6244	4007	2572	1750	1277	970
-7.5°	23084	19447	15690	12029	8740	5932	3847	2484	1721	1264	967
-10°	22009	18412	14833	11225	8044	5475	3573	2352	1664	1234	954
-12.5°	20460	17055	13713	10086	7194	4856	3200	2182	1579	1187	933
-15°	18552	15406	12115	8958	6311	4211	2814	1971	1465	1124	903
-17.5°	16569	13500	10377	7605	5289	3647	2540	1820	1366	1066	868
-20°	14373	11433	8703	6262	4315	3014	2192	1637	1270	1017	840

Classified

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

Scaled Data Report



REPORT NUMBER: P627596 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	11854	9449	7042	4849	3521	2581	1916	1459	1163	955	807
-25°	9478	7451	5373	3947	2866	2132	1665	1330	1084	900	770
-27.5°	7169	5393	4180	3098	2329	1839	1468	1193	996	855	741
-30°	5136	4068	3167	2431	1950	1567	1288	1090	931	808	709
-32.5°	3681	3035	2390	1978	1621	1358	1160	994	870	768	683
-35°	2706	2280	1904	1621	1382	1203	1044	924	818	727	657
-37.5°	2065	1777	1567	1364	1214	1077	965	864	768	696	632
-40°	1648	1462	1320	1181	1079	987	899	810	736	665	605
-42.5°	1381	1256	1142	1060	981	914	844	773	704	638	578
-45°	1201	1113	1030	968	907	853	800	736	672	610	551
-47.5°	1067	1009	949	895	849	801	754	698	636	578	527
-50°	978	932	885	839	798	755	708	654	600	550	500
-52.5°	907	869	831	791	754	712	663	616	569	519	469
-55°	850	816	783	750	717	674	629	582	533	485	435
-57.5°	801	769	740	710	679	637	592	545	497	451	401
-60°	755	725	693	662	633	597	549	504	462	417	372
-62.5°	689	657	631	603	574	541	498	457	418	380	338
-65°	618	588	562	536	506	474	438	404	372	338	299
-67.5°	546	518	492	466	440	413	384	355	323	290	255
-70°	477	454	431	408	383	359	332	303	272	243	215
-72.5°	408	388	368	347	325	304	280	255	229	203	179
-75°	337	322	306	288	270	251	231	209	188	168	148
-77.5°	270	258	245	230	214	199	182	165	149	133	117
-80°	205	196	186	175	163	151	140	126	112	99	87
-82.5°	144	138	131	123	116	108	100	90	81	71	62
-85°	89	85	81	77	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
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REPORT NUMBER: P627596 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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	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	9	7	6	5	5	6
47.5°	90	66	43	23	16	11	9	7	5	5	6
45°	125	94	65	41	23	17	11	9	7	6	6
42.5°	162	128	93	58	39	26	13	11	8	6	7
40°	194	164	122	85	55	36	22	13	10	7	7
37.5°	226	197	157	112	74	51	32	15	12	9	7
35°	261	228	191	141	98	65	44	20	15	11	8
32.5°	294	258	218	171	122	78	56	31	19	13	8
30°	336	285	243	199	146	98	68	42	23	15	9
27.5°	378	311	267	222	170	118	80	52	28	17	11
25°	419	345	289	243	193	140	94	61	36	21	12
22.5°	461	381	311	263	215	160	110	72	43	25	14
20°	505	415	332	286	235	180	128	83	51	30	16
17.5°	552	452	367	310	254	197	144	95	57	34	17
15°	600	491	401	333	273	213	159	106	63	39	20
12.5°	642	525	430	356	291	227	172	118	68	44	23
10°	679	555	456	378	308	239	184	128	76	47	27
7.5°	710	581	479	399	324	252	194	137	85	51	31
5°	735	603	495	415	338	268	203	144	94	54	35
2.5°	756	620	508	428	350	282	210	149	103	56	39
0°	770	633	517	438	359	295	216	153	111	58	42
-2.5°	777	642	532	446	371	302	224	161	116	66	44
-5°	779	648	543	452	382	307	230	168	120	73	45
-7.5°	780	651	550	457	389	310	235	174	124	79	46
-10°	776	650	552	463	392	313	239	179	127	84	47
-12.5°	766	646	551	466	392	316	244	182	130	87	47
-15°	749	639	548	466	392	318	247	184	131	89	48
-17.5°	727	629	544	462	390	319	249	184	131	88	50
-20°	712	618	538	454	388	318	248	181	131	87	52

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

Scaled Data Report



REPORT NUMBER: P627596 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	695	607	527	447	385	315	246	177	129	86	53
-25°	672	594	516	444	380	311	241	170	126	84	53
-27.5°	653	579	503	437	372	305	233	166	122	82	53
-30°	634	563	492	427	362	296	221	161	119	81	52
-32.5°	613	547	479	414	351	286	210	155	115	80	51
-35°	593	529	463	399	339	273	202	147	112	77	50
-37.5°	570	508	445	384	327	260	197	145	108	74	48
-40°	546	487	425	370	313	247	190	142	104	70	47
-42.5°	522	465	408	356	298	238	182	138	98	66	44
-45°	498	443	391	338	284	226	175	131	92	63	43
-47.5°	474	421	368	316	268	214	165	123	85	60	41
-50°	447	394	341	295	249	199	153	114	82	57	40
-52.5°	415	361	317	275	229	182	141	104	77	55	38
-55°	381	334	295	253	209	166	127	98	72	52	35
-57.5°	355	312	272	230	188	149	117	90	68	49	34
-60°	329	287	248	206	167	134	107	83	63	45	32
-62.5°	298	259	219	180	147	120	97	76	58	42	30
-65°	261	223	187	157	129	106	88	69	52	38	27
-67.5°	220	190	160	133	112	94	78	61	46	34	25
-70°	187	159	134	114	97	81	67	53	40	30	22
-72.5°	156	134	114	96	82	69	56	44	34	26	19
-75°	129	111	94	80	67	56	45	36	28	21	17
-77.5°	102	88	74	63	54	45	36	28	22	18	15
-80°	77	67	58	49	41	34	28	23	19	16	13
-82.5°	55	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	5	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627596 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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	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°	10	7	5	5	4	0	0
25°	10	8	5	5	4	0	0
22.5°	10	9	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	11	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	14	8	5	5	1	0

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CATALOG NUMBER: GFLD-SA5B-750-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°	29	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	18	9	5	4	1	0
-42.5°	29	18	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	7	4	1	0
-65°	19	13	9	7	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)