

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: P627594 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627594 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)
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-MR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

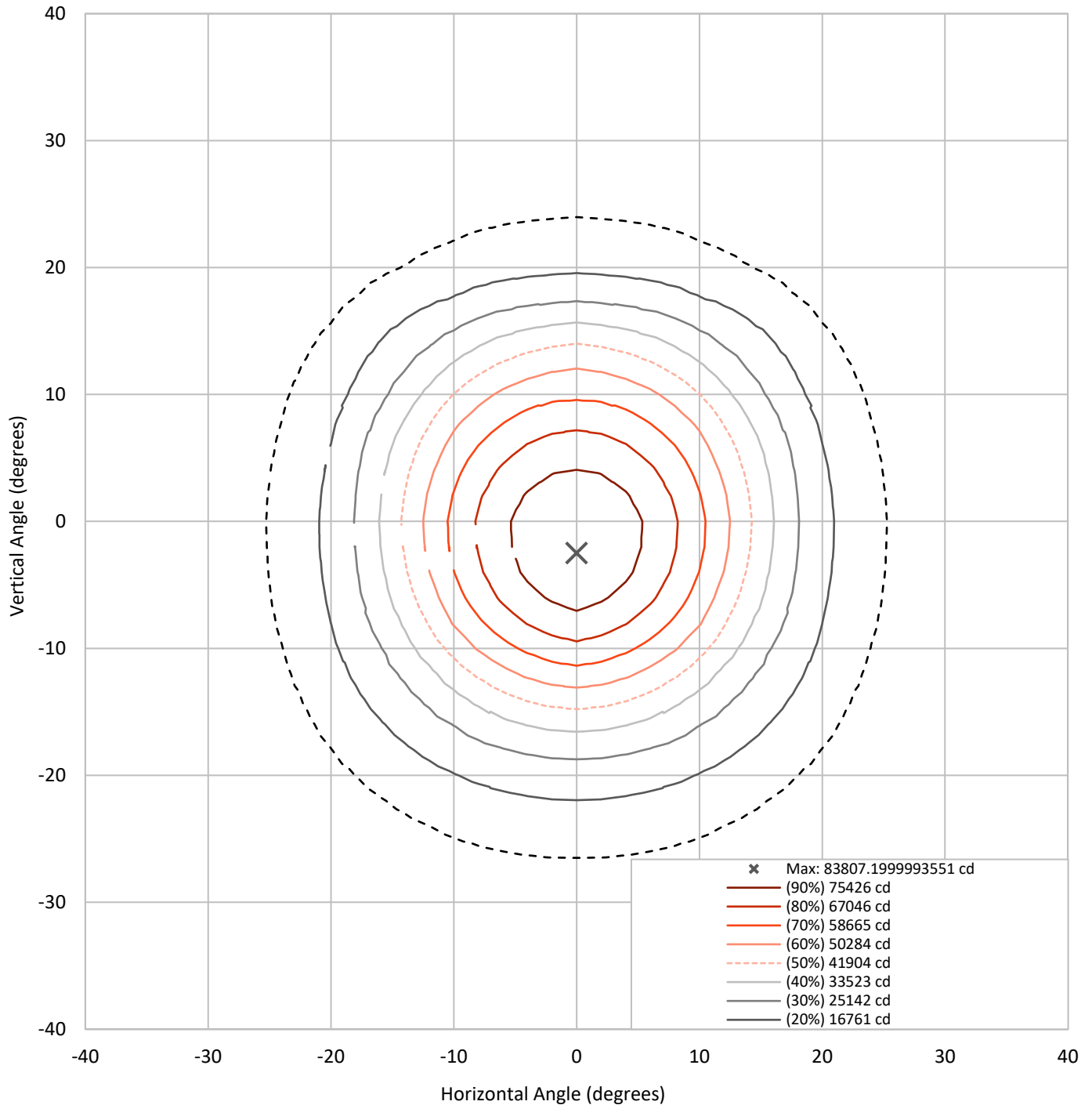
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	23769.6 lumens	Max Intensity:	83807.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	149.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	11885 lumens	Field Lumens:	20422.5 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
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: P627594 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Iso-Candela Plot





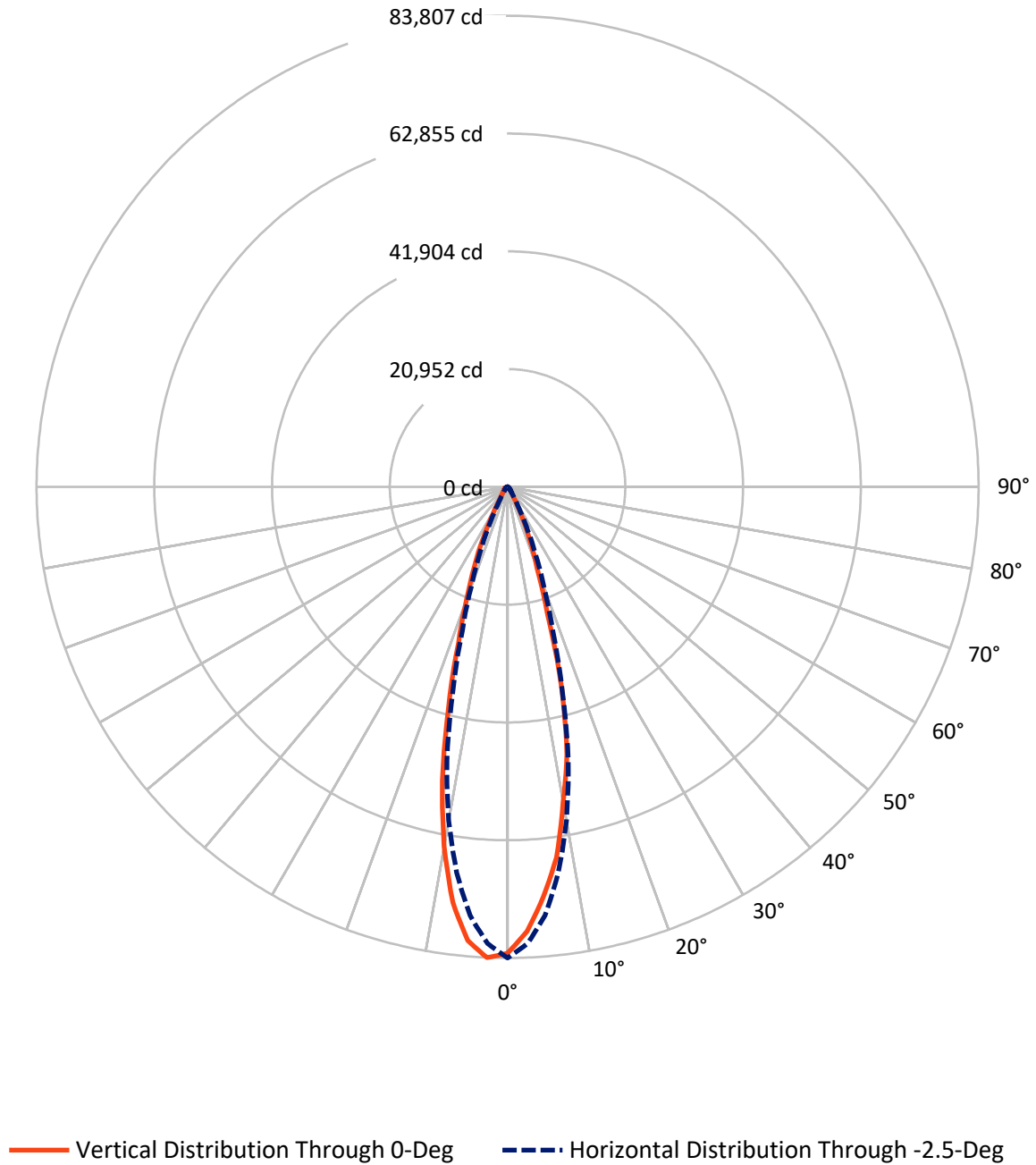
REPORT NUMBER: P627594 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0			
50		0.0	0.1	0.7	1.6	2.7	3.8	4.5	4.5	3.8	2.7	1.6	0.7	0.1	0.0				
40	0.1	0.1	0.8	2.6	5.0	7.7	10.8	12.7	12.7	10.8	7.7	5.0	2.6	0.8	0.1	0.1			
30		0.3	2.0	5.1	9.4	15.4	25.6	34.2	34.2	25.6	15.4	9.4	5.1	2.0	0.3				
20	0.2	0.7	3.2	7.8	14.8	35.9	112.8	206.9	206.9	112.8	35.9	14.8	7.8	3.2	0.7	0.2			
10		1.2	4.4	10.6	25.3	123.8	503.4	985.6	985.6	503.4	123.8	25.3	10.6	4.4	1.2				
0	0.3	1.5	5.4	12.6	36.3	236.0	1016.4	1992.2	1992.2	1016.4	236.0	36.3	12.6	5.4	1.5	0.3			
-10		1.7	5.8	13.3	38.8	247.2	1042.9	2112.5	2112.5	1042.9	247.2	38.8	13.3	5.8	1.7				
-20	0.4	1.8	6.0	12.9	31.9	151.8	576.7	1117.9	1117.9	576.7	151.8	31.9	12.9	6.0	1.8	0.4			
-30		1.8	5.7	11.8	23.4	58.9	178.6	318.7	318.7	178.6	58.9	23.4	11.8	5.7	1.8				
-40	0.4	1.6	5.1	10.3	17.7	29.1	47.5	63.5	63.5	47.5	29.1	17.7	10.3	5.1	1.6	0.4			
-50		1.3	4.2	8.5	14.0	20.0	26.4	29.6	29.6	26.4	20.0	14.0	8.5	4.2	1.3				
-60	0.3	1.0	3.2	6.6	10.9	15.2	19.0	20.7	20.7	19.0	15.2	10.9	6.6	3.2	1.0	0.3			
-70		0.6	2.0	4.3	7.3	10.4	13.0	14.4	14.4	13.0	10.4	7.3	4.3	2.0	0.6				
-80	0.1	1.5	7.0	15.2	19.2	15.2	7.0	1.5	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

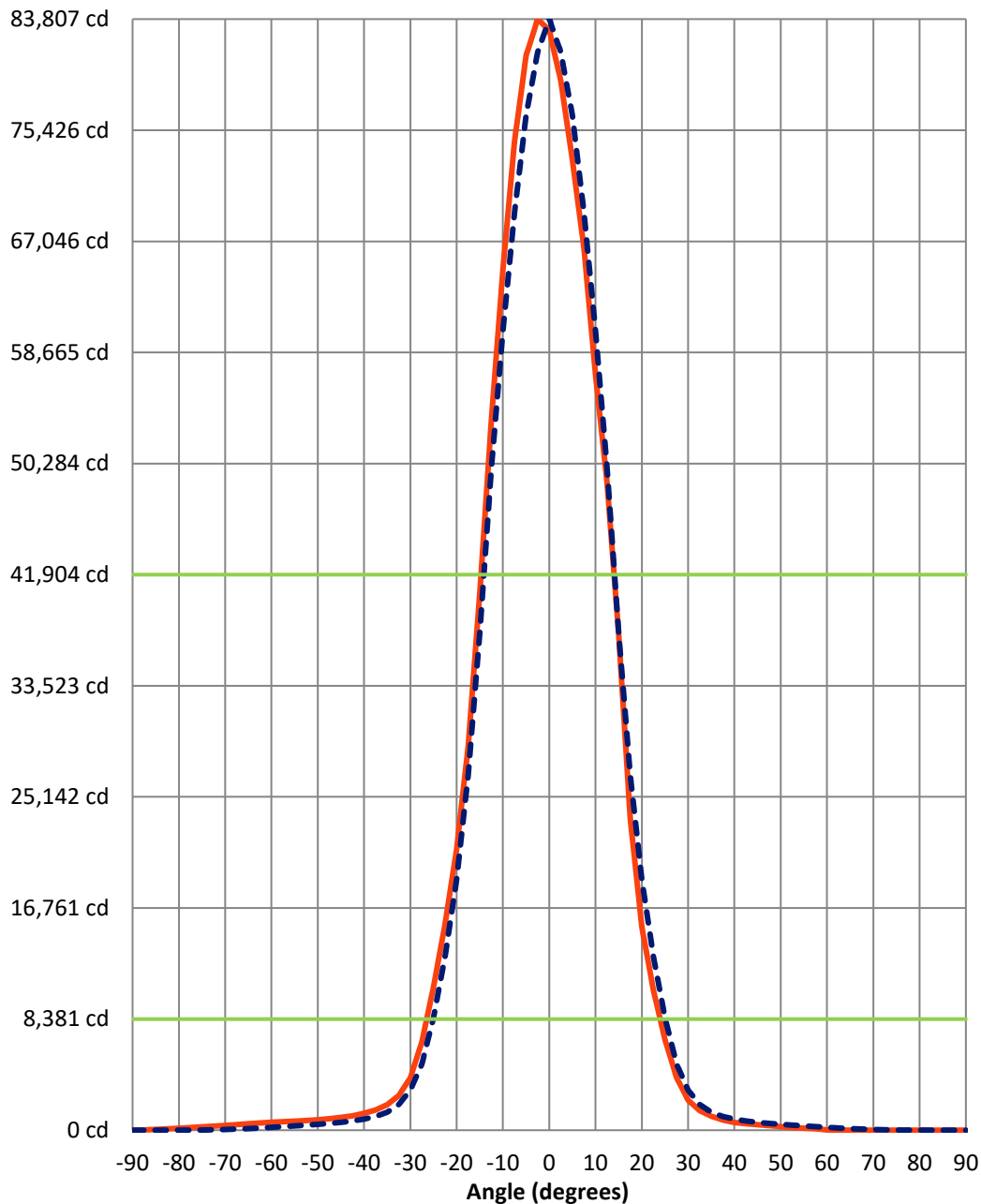
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 11885
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 20422.5
 Efficiency: 85.9%

Spill:
 Lumens: 3347.1
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -2.5-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	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°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	1	2	2
55°	0	0	0	0	0	0	1	0	2	3	2
52.5°	0	0	0	0	0	0	1	2	4	4	2
50°	0	0	0	0	0	1	1	3	5	4	4
47.5°	0	0	0	0	0	1	2	4	5	4	5
45°	0	0	0	0	0	2	3	5	5	5	5
42.5°	0	0	0	0	0	2	4	5	5	5	8
40°	0	0	0	0	0	3	4	5	6	5	13
37.5°	0	0	0	0	1	4	5	5	6	8	17
35°	0	0	0	0	1	4	5	5	8	13	23
32.5°	0	0	0	0	2	5	5	5	10	18	29
30°	0	0	0	0	2	5	5	6	12	22	35
27.5°	0	0	0	0	3	5	5	7	15	27	42
25°	0	0	0	0	3	5	5	9	19	32	49
22.5°	0	0	0	0	4	5	5	11	22	38	59
20°	0	0	0	0	4	5	5	13	26	44	68
17.5°	0	0	0	0	4	5	6	15	29	50	76
15°	0	0	0	0	5	5	6	18	32	55	83
12.5°	0	0	0	0	5	5	7	21	35	61	90
10°	0	0	0	0	5	5	8	23	38	67	96
7.5°	0	0	0	0	5	5	8	26	41	72	102
5°	0	0	0	0	5	5	9	28	43	77	107
2.5°	0	0	0	0	5	5	10	30	45	81	112
0°	0	0	0	0	5	5	11	32	47	84	116
-2.5°	0	0	0	0	5	6	13	32	52	87	119
-5°	0	0	0	1	5	6	15	33	56	90	122
-7.5°	0	0	0	1	5	7	16	33	60	92	124
-10°	0	0	0	1	5	7	18	33	63	93	126
-12.5°	0	0	0	2	5	8	19	34	64	95	128
-15°	0	0	0	2	5	8	20	34	65	96	131
-17.5°	0	0	0	2	5	8	21	35	64	97	132
-20°	0	0	0	2	5	8	21	37	63	96	132

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REPORT NUMBER: P627594 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	2	5	8	22	38	62	95	130
-25°	0	0	0	2	5	9	22	39	60	93	127
-27.5°	0	0	0	2	5	10	22	39	58	90	124
-30°	0	0	0	2	5	10	22	39	58	87	120
-32.5°	0	0	0	2	6	11	21	39	58	84	115
-35°	0	0	0	2	6	11	21	38	57	81	109
-37.5°	0	0	0	2	7	11	22	37	56	78	106
-40°	0	0	0	2	7	11	21	36	54	75	104
-42.5°	0	0	0	1	7	12	21	35	52	73	100
-45°	0	0	0	1	7	12	20	33	50	69	95
-47.5°	0	0	0	1	6	11	19	32	48	65	90
-50°	0	0	0	1	6	11	18	30	45	62	84
-52.5°	0	0	0	1	5	11	17	28	42	58	77
-55°	0	0	0	1	5	10	16	25	39	53	71
-57.5°	0	0	0	1	4	9	15	23	35	49	65
-60°	0	0	0	1	4	9	14	21	31	44	58
-62.5°	0	0	0	1	4	8	13	19	28	39	52
-65°	0	0	0	1	4	7	12	17	25	34	45
-67.5°	0	0	0	1	3	7	11	15	22	30	40
-70°	0	0	0	1	3	6	10	14	19	26	34
-72.5°	0	0	0	1	3	5	9	12	16	22	29
-75°	0	0	0	1	3	5	8	10	13	18	23
-77.5°	0	0	0	1	2	4	7	8	11	13	17
-80°	0	0	0	1	2	3	5	7	8	10	12
-82.5°	0	0	0	1	1	3	4	5	5	7	8
-85°	0	0	0	0	1	2	3	3	4	4	4
-87.5°	0	0	0	0	0	1	1	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627594 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MR-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	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°	0	0	0	0	0	0	1	1	0	1	2
60°	0	0	1	1	1	2	3	4	5	5	11
57.5°	1	1	3	3	4	6	9	10	17	24	29
55°	2	3	4	4	8	13	17	26	35	46	56
52.5°	3	5	5	8	15	23	34	46	60	70	80
50°	5	6	7	17	26	38	55	72	84	94	109
47.5°	7	8	16	27	40	59	80	95	106	126	147
45°	10	15	26	40	58	83	102	116	136	159	181
42.5°	14	24	38	53	81	105	123	143	165	190	214
40°	21	32	50	74	103	126	149	171	194	223	249
37.5°	27	44	65	94	123	149	175	201	229	260	290
35°	33	56	82	113	143	174	202	232	266	300	335
32.5°	42	68	98	130	163	197	229	267	303	340	382
30°	54	82	112	148	182	218	259	301	337	378	423
27.5°	66	94	127	164	199	239	288	330	369	414	463
25°	77	107	142	179	218	263	315	358	400	449	507
22.5°	88	119	158	192	235	287	340	389	436	485	553
20°	98	133	173	210	252	310	366	421	475	537	613
17.5°	108	146	188	229	276	333	392	453	514	590	684
15°	118	158	202	247	297	356	418	484	556	644	752
12.5°	126	168	216	264	316	377	441	510	592	698	833
10°	134	178	229	279	333	395	461	532	621	736	893
7.5°	142	187	242	293	347	412	478	552	646	767	941
5°	148	196	251	302	359	424	491	568	665	791	980
2.5°	154	204	258	310	368	432	500	579	678	814	1010
0°	158	211	264	317	375	438	507	586	686	834	1029
-2.5°	163	218	270	323	382	444	512	592	695	839	1034
-5°	167	223	275	328	387	447	516	595	700	840	1036
-7.5°	170	227	278	332	391	450	518	597	702	839	1035
-10°	172	230	281	335	394	453	518	596	698	830	1018
-12.5°	175	230	282	336	395	454	516	591	688	814	985
-15°	177	231	282	335	394	453	512	582	673	793	943
-17.5°	178	230	281	333	391	451	506	573	658	771	913
-20°	178	229	278	328	386	445	501	566	645	744	872

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	176	227	275	323	379	437	494	555	628	712	826
-25°	174	224	271	319	371	427	484	540	610	690	787
-27.5°	170	220	266	313	362	415	470	526	589	663	747
-30°	163	213	260	306	354	404	455	510	567	636	713
-32.5°	155	206	251	297	345	393	439	492	548	606	675
-35°	149	197	242	286	334	380	424	471	525	580	638
-37.5°	144	187	232	274	320	365	406	450	499	553	606
-40°	138	177	221	262	303	349	390	429	473	525	576
-42.5°	132	170	210	250	289	330	373	410	451	499	547
-45°	126	162	199	237	276	313	352	392	432	474	520
-47.5°	120	153	189	223	261	299	333	371	412	452	492
-50°	112	144	176	209	244	282	317	350	387	427	466
-52.5°	103	133	163	193	226	262	298	332	364	398	435
-55°	93	121	149	178	207	240	274	309	342	373	405
-57.5°	84	107	134	162	189	216	250	282	315	346	379
-60°	75	95	118	145	171	197	225	256	286	316	346
-62.5°	66	84	104	126	151	177	203	229	257	283	308
-65°	59	73	90	109	130	153	177	202	227	248	268
-67.5°	50	62	76	92	110	129	148	171	193	213	231
-70°	43	52	63	76	91	107	124	141	159	176	194
-72.5°	36	44	52	61	73	88	101	115	130	145	160
-75°	29	36	42	50	59	70	81	94	106	118	130
-77.5°	23	28	34	39	46	54	63	73	83	93	103
-80°	16	21	26	30	35	40	46	53	60	67	75
-82.5°	11	14	18	22	25	28	31	35	40	45	51
-85°	6	8	10	13	14	16	18	19	22	26	29
-87.5°	3	4	5	6	6	7	7	7	9	10	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627594 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	1	1	1	0	0	0
62.5°	2	2	4	5	6	6	7	7	7	7	7
60°	13	13	20	24	23	18	26	30	28	25	24
57.5°	37	46	53	55	62	74	77	75	77	80	90
55°	65	72	77	88	99	109	117	122	128	135	143
52.5°	88	100	109	120	134	143	147	161	174	184	190
50°	125	138	152	167	180	193	204	218	236	254	265
47.5°	165	181	199	220	236	248	261	281	305	327	340
45°	201	220	242	263	280	297	318	342	367	388	405
42.5°	234	256	279	302	318	344	373	398	428	456	476
40°	272	293	327	351	372	400	442	479	515	548	569
37.5°	318	353	390	419	447	482	540	597	642	687	719
35°	372	414	460	492	534	599	671	749	828	891	948
32.5°	423	470	517	569	632	724	815	941	1057	1176	1288
30°	470	522	579	645	749	877	1024	1216	1425	1633	1871
27.5°	519	576	644	750	907	1081	1353	1656	2088	2435	2996
25°	572	637	729	898	1115	1421	1896	2436	3330	4093	4954
22.5°	636	736	867	1078	1440	1991	2730	3908	5280	6555	7770
20°	716	851	1075	1411	1930	2779	4180	5966	7874	9739	11542
17.5°	821	1035	1356	1834	2570	4353	6438	8990	12257	14712	17039
15°	916	1187	1673	2446	3831	6127	9040	12949	17347	21046	25229
12.5°	1030	1357	1942	2945	4925	7959	11673	16334	21540	27154	33707
10°	1128	1531	2283	3665	6066	9597	13759	19230	25917	33861	42143
7.5°	1205	1676	2569	4204	7027	10940	15905	22560	31028	40313	49758
5°	1264	1788	2793	4627	7845	12031	17472	25194	34847	45503	54896
2.5°	1310	1867	2941	4887	8397	12776	18543	26594	37183	48892	58754
0°	1346	1915	3024	5071	8654	13129	19039	27160	38278	50552	60694
-2.5°	1358	1941	3028	5007	8498	13107	18923	26813	37523	49893	60283
-5°	1363	1928	2951	4874	8221	12637	18165	25496	35216	46819	57348
-7.5°	1353	1876	2796	4548	7599	11807	17107	23542	31509	41739	52622
-10°	1316	1786	2587	4104	6743	10512	15460	20896	27261	35613	44432
-12.5°	1250	1652	2298	3441	5736	9046	13428	18234	23194	28683	35936
-15°	1171	1514	2061	3039	4803	7506	11055	15114	19231	23433	27858
-17.5°	1112	1394	1819	2501	3687	5873	8711	11973	15313	18650	21630
-20°	1035	1251	1583	2114	2975	4269	6403	8941	11436	14158	16442

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627594 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	968	1151	1400	1734	2313	3224	4440	6227	8123	10100	11975
-25°	904	1042	1239	1508	1854	2395	3199	4133	5464	6680	8072
-27.5°	849	966	1100	1298	1560	1857	2350	2895	3593	4173	5102
-30°	797	890	1001	1128	1321	1546	1811	2142	2483	2826	3271
-32.5°	749	827	913	1016	1135	1305	1469	1681	1868	2074	2286
-35°	701	770	841	923	1015	1126	1250	1390	1514	1638	1750
-37.5°	660	718	780	844	918	995	1092	1191	1275	1356	1425
-40°	625	673	725	779	838	900	976	1048	1105	1157	1201
-42.5°	593	636	676	722	771	829	887	943	981	1018	1047
-45°	564	600	637	675	715	765	815	858	889	916	937
-47.5°	531	564	598	632	671	711	751	783	810	834	850
-50°	500	532	563	591	626	661	696	724	747	768	779
-52.5°	469	500	531	560	588	616	643	670	694	715	722
-55°	439	470	497	525	552	578	603	626	647	667	674
-57.5°	410	441	470	492	515	539	563	585	606	624	631
-60°	376	408	433	455	477	499	520	540	561	578	587
-62.5°	336	365	388	409	430	449	468	486	505	519	528
-65°	290	314	337	357	376	393	411	427	443	454	461
-67.5°	249	267	286	305	323	340	356	371	384	394	400
-70°	210	226	243	260	276	292	306	319	331	340	346
-72.5°	174	189	204	219	234	247	258	270	281	288	295
-75°	142	154	167	179	192	203	212	222	231	237	243
-77.5°	113	122	131	141	150	159	167	174	181	187	191
-80°	83	91	98	105	112	118	124	130	136	140	145
-82.5°	56	62	68	73	79	82	86	88	91	95	98
-85°	33	36	40	43	47	49	51	53	55	58	60
-87.5°	13	14	16	18	19	19	20	20	20	22	23
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627594 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-750-U-MR-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	1
62.5°	6	5	5	5	5	5	6	7	7	7	7
60°	23	21	21	21	21	21	23	24	25	28	30
57.5°	98	105	110	111	110	105	98	90	80	77	75
55°	150	155	156	153	156	155	150	143	135	128	122
52.5°	193	194	193	190	193	194	193	190	184	174	161
50°	268	268	268	269	268	268	268	265	254	236	218
47.5°	345	349	350	348	350	349	345	340	327	305	281
45°	412	417	419	417	419	417	412	405	388	367	342
42.5°	484	488	489	491	489	488	484	476	456	428	398
40°	579	583	582	581	582	583	579	569	548	515	479
37.5°	740	752	757	770	757	752	740	719	687	642	597
35°	991	1018	1033	1055	1033	1018	991	948	891	828	749
32.5°	1369	1424	1453	1483	1453	1424	1369	1288	1176	1057	941
30°	2035	2144	2188	2269	2188	2144	2035	1871	1633	1425	1216
27.5°	3407	3665	3766	3979	3766	3665	3407	2996	2435	2088	1656
25°	5738	6295	6601	6844	6601	6295	5738	4954	4093	3330	2436
22.5°	8997	9812	10248	10570	10248	9812	8997	7770	6555	5280	3908
20°	13177	14253	14895	15361	14895	14253	13177	11542	9739	7874	5966
17.5°	20026	21717	22706	23556	22706	21717	20026	17039	14712	12257	8990
15°	29897	33296	35937	37408	35937	33296	29897	25229	21046	17347	12949
12.5°	39500	44477	47435	48795	47435	44477	39500	33707	27154	21540	16334
10°	48997	53690	56504	57001	56504	53690	48997	42143	33861	25917	19230
7.5°	56267	61428	65167	66526	65167	61428	56267	49758	40313	31028	22560
5°	62688	68732	72688	73190	72688	68732	62688	54896	45503	34847	25194
2.5°	67412	73982	77818	79137	77818	73982	67412	58754	48892	37183	26594
0°	69697	76773	81042	82963	81042	76773	69697	60694	50552	38278	27160
-2.5°	69216	76535	81300	83807	81300	76535	69216	60283	49893	37523	26813
-5°	66584	73925	78368	81032	78368	73925	66584	57348	46819	35216	25496
-7.5°	60515	67380	72109	74567	72109	67380	60515	52622	41739	31509	23542
-10°	52695	58505	62816	64911	62816	58505	52695	44432	35613	27261	20896
-12.5°	42533	48168	52058	53539	52058	48168	42533	35936	28683	23194	18234
-15°	32588	36889	39652	40526	39652	36889	32588	27858	23433	19231	15114
-17.5°	24713	27029	28583	29002	28583	27029	24713	21630	18650	15313	11973
-20°	18515	19950	20958	21197	20958	19950	18515	16442	14158	11436	8941

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REPORT NUMBER: P627594 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13490	14569	15384	15546	15384	14569	13490	11975	10100	8123	6227
-25°	9305	10208	10760	10802	10760	10208	9305	8072	6680	5464	4133
-27.5°	5834	6329	6585	6675	6585	6329	5834	5102	4173	3593	2895
-30°	3605	3833	3954	3958	3954	3833	3605	3271	2826	2483	2142
-32.5°	2447	2558	2618	2617	2618	2558	2447	2286	2074	1868	1681
-35°	1833	1890	1923	1926	1923	1890	1833	1750	1638	1514	1390
-37.5°	1474	1506	1522	1525	1522	1506	1474	1425	1356	1275	1191
-40°	1233	1254	1268	1277	1268	1254	1233	1201	1157	1105	1048
-42.5°	1066	1080	1087	1082	1087	1080	1066	1047	1018	981	943
-45°	950	958	964	966	964	958	950	937	916	889	858
-47.5°	857	861	864	865	864	861	857	850	834	810	783
-50°	784	788	789	786	789	788	784	779	768	747	724
-52.5°	725	726	727	728	727	726	725	722	715	694	670
-55°	677	679	680	681	680	679	677	674	667	647	626
-57.5°	636	641	641	639	641	641	636	631	624	606	585
-60°	593	598	601	602	601	598	593	587	578	561	540
-62.5°	535	540	543	544	543	540	535	528	519	505	486
-65°	467	472	479	485	479	472	467	461	454	443	427
-67.5°	406	409	416	422	416	409	406	400	394	384	371
-70°	352	357	358	359	358	357	352	346	340	331	319
-72.5°	300	304	306	306	306	304	300	295	288	281	270
-75°	248	252	253	253	253	252	248	243	237	231	222
-77.5°	196	199	200	201	200	199	196	191	187	181	174
-80°	149	152	150	148	150	152	149	145	140	136	130
-82.5°	102	105	103	100	103	105	102	98	95	91	88
-85°	61	63	61	58	61	63	61	60	58	55	53
-87.5°	25	26	24	21	24	26	25	23	22	20	20
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627594 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-750-U-MR-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°	1	1	0	0	0	0	0	0	0	0	0
62.5°	7	6	6	5	4	2	2	2	1	0	1
60°	26	18	23	24	20	13	13	11	5	5	4
57.5°	77	74	62	55	53	46	37	29	24	17	10
55°	117	109	99	88	77	72	65	56	46	35	26
52.5°	147	143	134	120	109	100	88	80	70	60	46
50°	204	193	180	167	152	138	125	109	94	84	72
47.5°	261	248	236	220	199	181	165	147	126	106	95
45°	318	297	280	263	242	220	201	181	159	136	116
42.5°	373	344	318	302	279	256	234	214	190	165	143
40°	442	400	372	351	327	293	272	249	223	194	171
37.5°	540	482	447	419	390	353	318	290	260	229	201
35°	671	599	534	492	460	414	372	335	300	266	232
32.5°	815	724	632	569	517	470	423	382	340	303	267
30°	1024	877	749	645	579	522	470	423	378	337	301
27.5°	1353	1081	907	750	644	576	519	463	414	369	330
25°	1896	1421	1115	898	729	637	572	507	449	400	358
22.5°	2730	1991	1440	1078	867	736	636	553	485	436	389
20°	4180	2779	1930	1411	1075	851	716	613	537	475	421
17.5°	6438	4353	2570	1834	1356	1035	821	684	590	514	453
15°	9040	6127	3831	2446	1673	1187	916	752	644	556	484
12.5°	11673	7959	4925	2945	1942	1357	1030	833	698	592	510
10°	13759	9597	6066	3665	2283	1531	1128	893	736	621	532
7.5°	15905	10940	7027	4204	2569	1676	1205	941	767	646	552
5°	17472	12031	7845	4627	2793	1788	1264	980	791	665	568
2.5°	18543	12776	8397	4887	2941	1867	1310	1010	814	678	579
0°	19039	13129	8654	5071	3024	1915	1346	1029	834	686	586
-2.5°	18923	13107	8498	5007	3028	1941	1358	1034	839	695	592
-5°	18165	12637	8221	4874	2951	1928	1363	1036	840	700	595
-7.5°	17107	11807	7599	4548	2796	1876	1353	1035	839	702	597
-10°	15460	10512	6743	4104	2587	1786	1316	1018	830	698	596
-12.5°	13428	9046	5736	3441	2298	1652	1250	985	814	688	591
-15°	11055	7506	4803	3039	2061	1514	1171	943	793	673	582
-17.5°	8711	5873	3687	2501	1819	1394	1112	913	771	658	573
-20°	6403	4269	2975	2114	1583	1251	1035	872	744	645	566

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REPORT NUMBER: P627594 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4440	3224	2313	1734	1400	1151	968	826	712	628	555
-25°	3199	2395	1854	1508	1239	1042	904	787	690	610	540
-27.5°	2350	1857	1560	1298	1100	966	849	747	663	589	526
-30°	1811	1546	1321	1128	1001	890	797	713	636	567	510
-32.5°	1469	1305	1135	1016	913	827	749	675	606	548	492
-35°	1250	1126	1015	923	841	770	701	638	580	525	471
-37.5°	1092	995	918	844	780	718	660	606	553	499	450
-40°	976	900	838	779	725	673	625	576	525	473	429
-42.5°	887	829	771	722	676	636	593	547	499	451	410
-45°	815	765	715	675	637	600	564	520	474	432	392
-47.5°	751	711	671	632	598	564	531	492	452	412	371
-50°	696	661	626	591	563	532	500	466	427	387	350
-52.5°	643	616	588	560	531	500	469	435	398	364	332
-55°	603	578	552	525	497	470	439	405	373	342	309
-57.5°	563	539	515	492	470	441	410	379	346	315	282
-60°	520	499	477	455	433	408	376	346	316	286	256
-62.5°	468	449	430	409	388	365	336	308	283	257	229
-65°	411	393	376	357	337	314	290	268	248	227	202
-67.5°	356	340	323	305	286	267	249	231	213	193	171
-70°	306	292	276	260	243	226	210	194	176	159	141
-72.5°	258	247	234	219	204	189	174	160	145	130	115
-75°	212	203	192	179	167	154	142	130	118	106	94
-77.5°	167	159	150	141	131	122	113	103	93	83	73
-80°	124	118	112	105	98	91	83	75	67	60	53
-82.5°	86	82	79	73	68	62	56	51	45	40	35
-85°	51	49	47	43	40	36	33	29	26	22	19
-87.5°	20	19	19	18	16	14	13	11	10	9	7
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627594 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MR-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	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°	1	0	0	0	0	0	0	1	0	0	0
60°	3	2	1	1	1	0	0	1	1	0	0
57.5°	9	6	4	3	3	1	1	2	2	1	0
55°	17	13	8	4	4	3	2	2	3	2	0
52.5°	34	23	15	8	5	5	3	2	4	4	2
50°	55	38	26	17	7	6	5	4	4	5	3
47.5°	80	59	40	27	16	8	7	5	4	5	4
45°	102	83	58	40	26	15	10	5	5	5	5
42.5°	123	105	81	53	38	24	14	8	5	5	5
40°	149	126	103	74	50	32	21	13	5	6	5
37.5°	175	149	123	94	65	44	27	17	8	6	5
35°	202	174	143	113	82	56	33	23	13	8	5
32.5°	229	197	163	130	98	68	42	29	18	10	5
30°	259	218	182	148	112	82	54	35	22	12	6
27.5°	288	239	199	164	127	94	66	42	27	15	7
25°	315	263	218	179	142	107	77	49	32	19	9
22.5°	340	287	235	192	158	119	88	59	38	22	11
20°	366	310	252	210	173	133	98	68	44	26	13
17.5°	392	333	276	229	188	146	108	76	50	29	15
15°	418	356	297	247	202	158	118	83	55	32	18
12.5°	441	377	316	264	216	168	126	90	61	35	21
10°	461	395	333	279	229	178	134	96	67	38	23
7.5°	478	412	347	293	242	187	142	102	72	41	26
5°	491	424	359	302	251	196	148	107	77	43	28
2.5°	500	432	368	310	258	204	154	112	81	45	30
0°	507	438	375	317	264	211	158	116	84	47	32
-2.5°	512	444	382	323	270	218	163	119	87	52	32
-5°	516	447	387	328	275	223	167	122	90	56	33
-7.5°	518	450	391	332	278	227	170	124	92	60	33
-10°	518	453	394	335	281	230	172	126	93	63	33
-12.5°	516	454	395	336	282	230	175	128	95	64	34
-15°	512	453	394	335	282	231	177	131	96	65	34
-17.5°	506	451	391	333	281	230	178	132	97	64	35
-20°	501	445	386	328	278	229	178	132	96	63	37

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REPORT NUMBER: P627594 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	494	437	379	323	275	227	176	130	95	62	38
-25°	484	427	371	319	271	224	174	127	93	60	39
-27.5°	470	415	362	313	266	220	170	124	90	58	39
-30°	455	404	354	306	260	213	163	120	87	58	39
-32.5°	439	393	345	297	251	206	155	115	84	58	39
-35°	424	380	334	286	242	197	149	109	81	57	38
-37.5°	406	365	320	274	232	187	144	106	78	56	37
-40°	390	349	303	262	221	177	138	104	75	54	36
-42.5°	373	330	289	250	210	170	132	100	73	52	35
-45°	352	313	276	237	199	162	126	95	69	50	33
-47.5°	333	299	261	223	189	153	120	90	65	48	32
-50°	317	282	244	209	176	144	112	84	62	45	30
-52.5°	298	262	226	193	163	133	103	77	58	42	28
-55°	274	240	207	178	149	121	93	71	53	39	25
-57.5°	250	216	189	162	134	107	84	65	49	35	23
-60°	225	197	171	145	118	95	75	58	44	31	21
-62.5°	203	177	151	126	104	84	66	52	39	28	19
-65°	177	153	130	109	90	73	59	45	34	25	17
-67.5°	148	129	110	92	76	62	50	40	30	22	15
-70°	124	107	91	76	63	52	43	34	26	19	14
-72.5°	101	88	73	61	52	44	36	29	22	16	12
-75°	81	70	59	50	42	36	29	23	18	13	10
-77.5°	63	54	46	39	34	28	23	17	13	11	8
-80°	46	40	35	30	26	21	16	12	10	8	7
-82.5°	31	28	25	22	18	14	11	8	7	5	5
-85°	18	16	14	13	10	8	6	4	4	4	3
-87.5°	7	7	6	6	5	4	3	2	2	2	2
-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: P627594 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-750-U-MR-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	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	1	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	1	1	0	0	0	0	0
47.5°	2	1	0	0	0	0	0
45°	3	2	0	0	0	0	0
42.5°	4	2	0	0	0	0	0
40°	4	3	0	0	0	0	0
37.5°	5	4	1	0	0	0	0
35°	5	4	1	0	0	0	0
32.5°	5	5	2	0	0	0	0
30°	5	5	2	0	0	0	0
27.5°	5	5	3	0	0	0	0
25°	5	5	3	0	0	0	0
22.5°	5	5	4	0	0	0	0
20°	5	5	4	0	0	0	0
17.5°	6	5	4	0	0	0	0
15°	6	5	5	0	0	0	0
12.5°	7	5	5	0	0	0	0
10°	8	5	5	0	0	0	0
7.5°	8	5	5	0	0	0	0
5°	9	5	5	0	0	0	0
2.5°	10	5	5	0	0	0	0
0°	11	5	5	0	0	0	0
-2.5°	13	6	5	0	0	0	0
-5°	15	6	5	1	0	0	0
-7.5°	16	7	5	1	0	0	0
-10°	18	7	5	1	0	0	0
-12.5°	19	8	5	2	0	0	0
-15°	20	8	5	2	0	0	0
-17.5°	21	8	5	2	0	0	0
-20°	21	8	5	2	0	0	0

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Scaled Data Report



REPORT NUMBER: P627594 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22	8	5	2	0	0	0
-25°	22	9	5	2	0	0	0
-27.5°	22	10	5	2	0	0	0
-30°	22	10	5	2	0	0	0
-32.5°	21	11	6	2	0	0	0
-35°	21	11	6	2	0	0	0
-37.5°	22	11	7	2	0	0	0
-40°	21	11	7	2	0	0	0
-42.5°	21	12	7	1	0	0	0
-45°	20	12	7	1	0	0	0
-47.5°	19	11	6	1	0	0	0
-50°	18	11	6	1	0	0	0
-52.5°	17	11	5	1	0	0	0
-55°	16	10	5	1	0	0	0
-57.5°	15	9	4	1	0	0	0
-60°	14	9	4	1	0	0	0
-62.5°	13	8	4	1	0	0	0
-65°	12	7	4	1	0	0	0
-67.5°	11	7	3	1	0	0	0
-70°	10	6	3	1	0	0	0
-72.5°	9	5	3	1	0	0	0
-75°	8	5	3	1	0	0	0
-77.5°	7	4	2	1	0	0	0
-80°	5	3	2	1	0	0	0
-82.5°	4	3	1	1	0	0	0
-85°	3	2	1	0	0	0	0
-87.5°	1	1	0	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)