

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: P626876 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-750-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626876 (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-SA2B-750-U-MWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9067.1 lumens
Efficiency: N/A
Efficacy: 142.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 12703 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 6073.1 lumens
Beam Efficiency: 67.0%

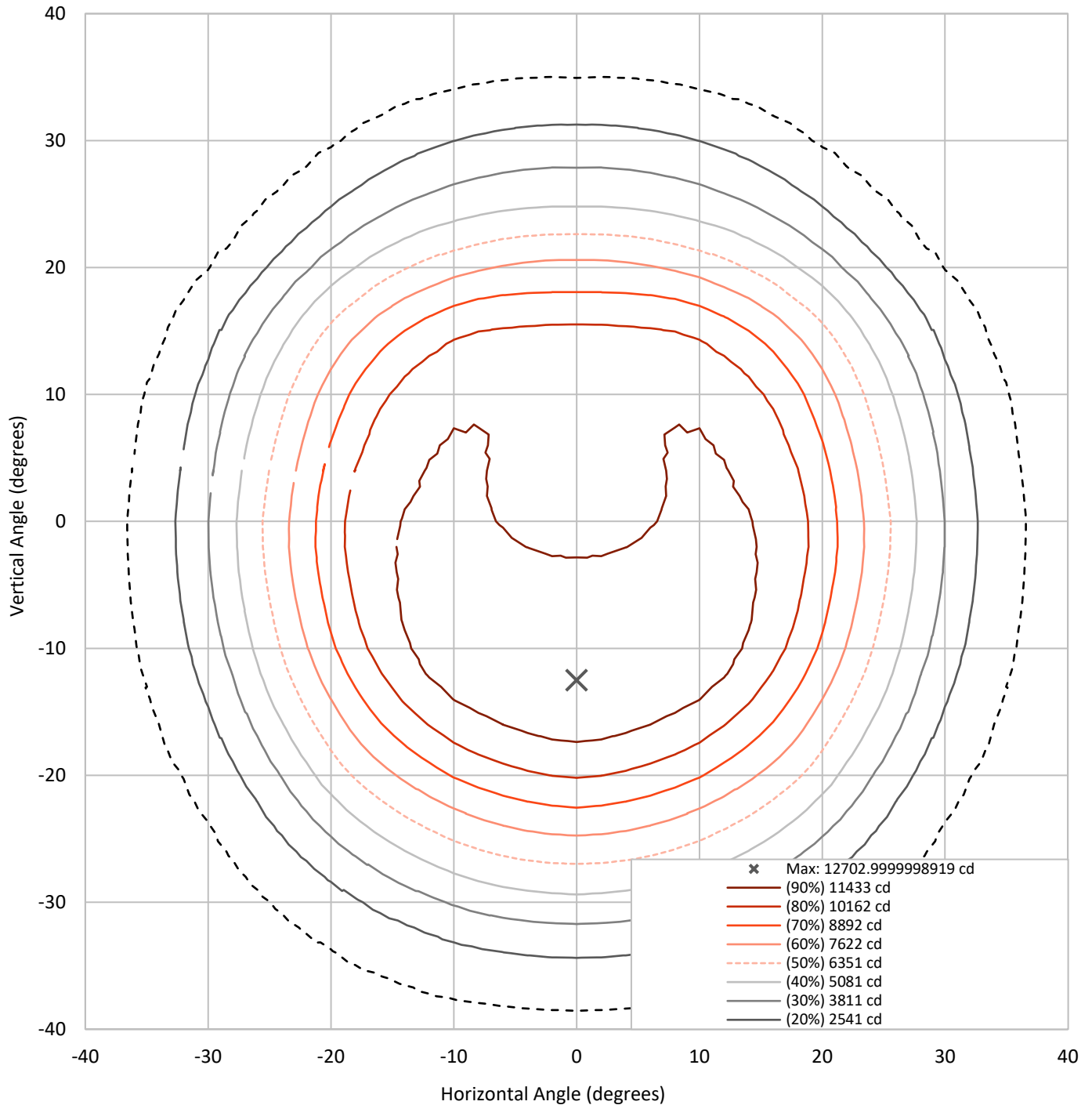
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 8177 lumens
Field Efficiency: 90.2%

Input Watts (W): 63.6
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: P626876 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-750-U-MWR-VSR-XX

Iso-Candela Plot





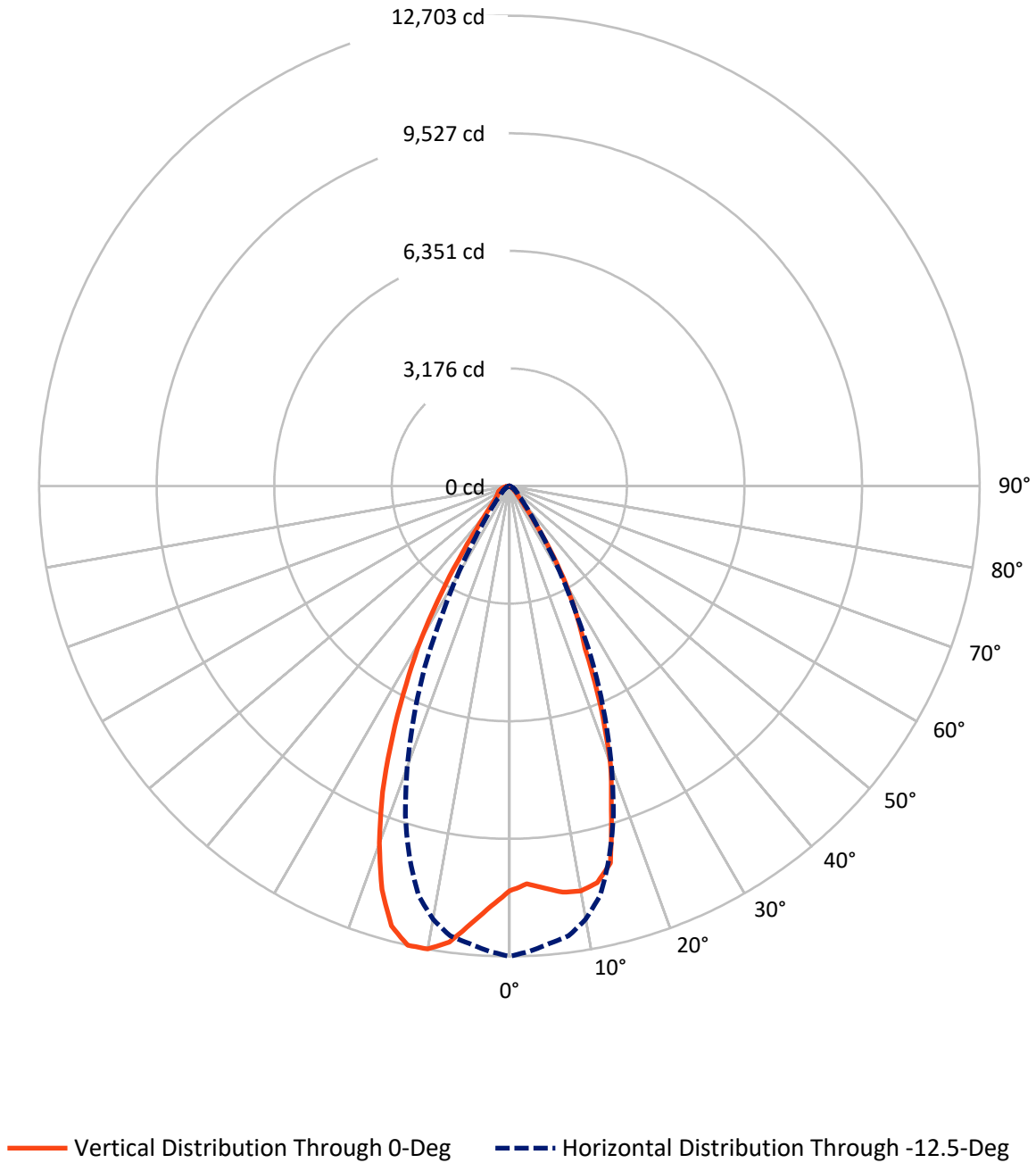
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Lumen Table

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.3	0.7	1.2	1.7	2.0	2.0	1.7	1.2	0.7	0.3	0.1		0.0			
40	0.0	0.1	0.3	1.3	2.5	4.2	6.2	7.6	7.6	6.2	4.2	2.5	1.3	0.3	0.1	0.0			
30		0.2	1.0	2.6	5.4	11.8	26.8	40.9	40.9	26.8	11.8	5.4	2.6	1.0	0.2				
20	0.1	0.4	1.7	4.2	11.4	42.2	108.5	151.7	151.7	108.5	42.2	11.4	4.2	1.7	0.4	0.1			
10		0.6	2.4	6.5	27.1	117.1	244.2	302.3	302.3	244.2	117.1	27.1	6.5	2.4	0.6				
0	0.2	0.8	2.9	8.4	43.1	172.4	314.8	341.3	341.3	314.8	172.4	43.1	8.4	2.9	0.8	0.2			
-10		0.9	3.2	9.0	45.1	178.0	326.2	362.3	362.3	326.2	178.0	45.1	9.0	3.2	0.9				
-20	0.3	1.0	3.3	8.2	32.3	132.5	275.2	351.3	351.3	275.2	132.5	32.3	8.2	3.3	1.0	0.3			
-30		1.0	3.1	6.8	18.0	64.3	153.3	215.8	215.8	153.3	64.3	18.0	6.8	3.1	1.0				
-40	0.2	0.8	2.8	5.7	10.8	22.9	47.9	71.1	71.1	47.9	22.9	10.8	5.7	2.8	0.8	0.2			
-50		0.7	2.3	4.7	7.9	11.6	16.3	19.4	19.4	16.3	11.6	7.9	4.7	2.3	0.7				
-60	0.2	0.5	1.8	3.7	6.2	8.6	10.7	11.7	11.7	10.7	8.6	6.2	3.7	1.8	0.5	0.2			
-70		0.4	1.1	2.5	4.3	6.1	7.8	8.7	8.7	7.8	6.1	4.3	2.5	1.1	0.4				
-80	0.1	1.0	4.6	9.7	12.5	9.7	4.6	1.0	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

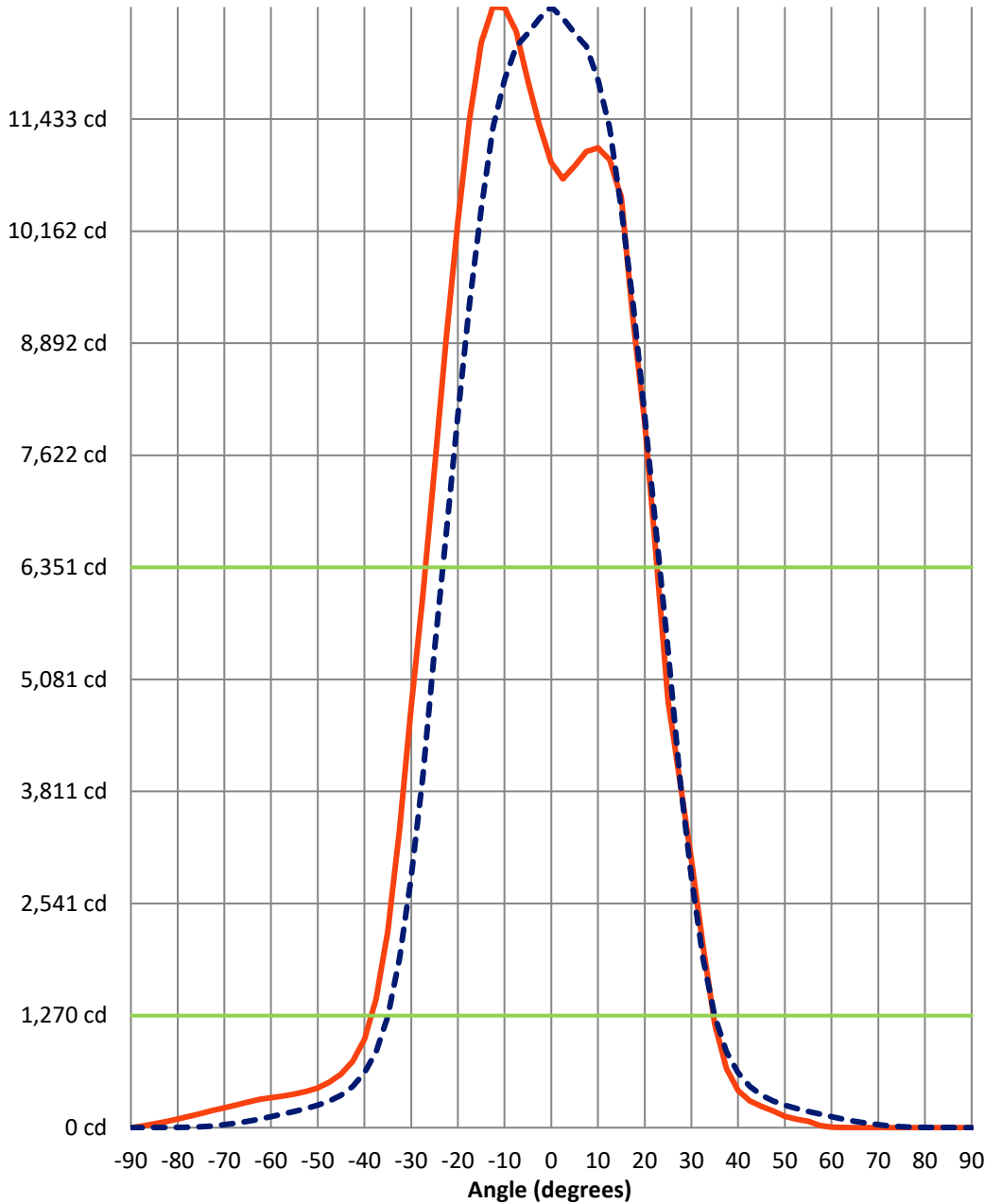
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 6073.1
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 8177
 Efficiency: 90.2%

Spill:
 Lumens: 890.2
 Efficiency: 9.8%

— 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	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	1	1	0	0	0	0	0
65°	0	0	0	0	1	1	0	0	0	1	1
62.5°	0	0	0	1	1	1	0	0	1	1	1
60°	0	0	0	1	1	1	0	1	1	2	2
57.5°	0	0	0	1	1	1	1	2	2	2	2
55°	0	0	0	1	1	1	1	2	2	2	2
52.5°	0	0	0	2	1	1	2	2	2	2	2
50°	0	0	1	2	2	1	2	2	2	2	2
47.5°	0	0	1	2	2	2	2	2	2	2	3
45°	0	0	1	2	2	2	2	3	2	3	3
42.5°	0	0	1	2	2	2	2	3	2	3	4
40°	0	0	1	2	2	2	3	3	3	4	5
37.5°	0	0	1	2	2	2	3	3	3	5	6
35°	0	0	1	2	2	2	3	3	4	6	8
32.5°	0	0	1	2	2	2	4	3	5	7	12
30°	0	0	2	2	2	3	4	3	6	9	17
27.5°	0	0	2	2	2	3	4	4	7	11	21
25°	0	0	2	2	2	3	4	5	8	14	24
22.5°	0	0	2	2	2	3	4	5	10	17	28
20°	0	0	2	2	2	4	4	6	12	20	33
17.5°	0	0	2	2	2	4	4	7	14	22	37
15°	0	0	2	2	2	4	5	8	15	25	42
12.5°	0	0	2	2	2	4	5	9	17	27	47
10°	0	0	2	2	2	4	5	11	19	30	51
7.5°	0	0	2	2	2	4	5	12	20	34	54
5°	0	0	2	2	2	4	6	14	21	37	57
2.5°	0	0	2	2	2	4	6	15	22	41	59
0°	0	0	2	2	2	4	6	17	23	44	60
-2.5°	0	0	2	2	2	4	7	17	26	46	64
-5°	0	0	2	2	2	5	8	18	29	47	66
-7.5°	0	0	2	2	3	5	9	18	31	49	69
-10°	0	0	2	2	3	5	10	18	33	50	71
-12.5°	0	0	2	2	3	5	11	19	34	51	72
-15°	0	0	2	2	3	5	11	19	35	52	73
-17.5°	0	0	2	2	3	5	12	20	35	52	73
-20°	0	0	2	2	3	5	12	20	34	52	72

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REPORT NUMBER: P626876 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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	0	2	2	3	5	12	21	34	51	70
-25°	0	0	2	2	3	6	12	21	33	50	67
-27.5°	0	0	2	2	3	6	12	21	32	48	66
-30°	0	0	2	2	3	6	12	21	32	47	64
-32.5°	0	0	2	2	3	7	11	20	31	46	61
-35°	0	0	2	2	3	7	11	20	31	44	58
-37.5°	0	1	2	2	3	7	11	19	29	43	57
-40°	0	1	2	2	3	7	11	18	28	41	56
-42.5°	0	1	2	2	4	7	11	17	26	39	54
-45°	0	1	2	2	4	7	11	17	25	36	52
-47.5°	0	1	2	2	4	7	11	16	24	34	49
-50°	0	1	2	2	4	7	10	16	23	32	45
-52.5°	0	1	2	2	4	6	10	15	22	31	41
-55°	0	0	2	3	4	6	10	14	21	29	39
-57.5°	0	0	2	3	4	6	9	13	19	27	36
-60°	0	0	2	3	4	6	9	13	18	25	33
-62.5°	0	0	2	3	4	5	8	12	17	23	30
-65°	0	0	2	3	4	5	8	11	15	21	27
-67.5°	0	0	1	3	3	5	7	10	13	18	24
-70°	0	0	1	3	3	4	6	9	12	16	21
-72.5°	0	0	1	2	3	4	6	7	10	13	17
-75°	0	0	1	2	3	4	5	6	8	11	14
-77.5°	0	0	1	2	3	4	5	6	7	9	11
-80°	0	0	1	1	2	3	4	5	6	8	9
-82.5°	0	0	1	1	2	2	3	4	5	6	7
-85°	0	0	0	1	1	2	2	3	4	4	5
-87.5°	0	0	0	0	1	1	1	1	2	2	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626876 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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	0	0	0	0	0	0	0	0	0
67.5°	0	1	1	0	0	0	0	0	0	0	0
65°	1	1	1	1	0	0	1	1	0	0	0
62.5°	2	2	1	1	1	2	1	1	0	1	1
60°	2	2	1	2	2	2	1	1	2	2	5
57.5°	2	2	2	2	2	2	3	3	7	12	14
55°	2	2	2	3	3	4	6	12	17	22	23
52.5°	2	2	3	4	5	8	14	21	27	31	37
50°	3	3	4	6	9	16	24	32	39	46	54
47.5°	3	4	6	9	17	26	36	45	54	63	74
45°	4	7	9	16	26	37	49	60	69	80	90
42.5°	5	10	15	23	37	50	64	73	82	94	108
40°	9	14	22	34	48	65	77	86	96	113	129
37.5°	13	20	29	44	62	78	89	101	116	135	155
35°	17	26	39	56	75	90	103	117	138	160	183
32.5°	22	31	48	67	86	102	116	138	159	183	215
30°	27	39	58	79	96	112	133	156	178	208	245
27.5°	32	47	67	88	105	123	149	172	197	231	276
25°	37	55	76	96	114	136	165	190	215	258	319
22.5°	44	63	85	104	123	150	182	212	246	288	363
20°	50	71	93	113	131	164	199	237	282	341	439
17.5°	57	78	100	122	145	179	218	262	318	393	536
15°	63	84	108	131	158	194	237	291	359	451	630
12.5°	68	89	115	140	170	207	253	313	393	525	749
10°	73	94	122	149	180	219	268	331	420	579	839
7.5°	77	100	128	158	189	229	280	345	444	620	909
5°	80	106	133	164	196	238	290	356	465	651	963
2.5°	83	111	138	169	200	245	298	367	485	676	1008
0°	85	117	142	173	204	250	304	375	500	694	1043
-2.5°	88	119	147	176	210	253	307	381	505	696	1036
-5°	91	121	151	179	214	256	308	383	504	691	1015
-7.5°	93	122	154	181	217	257	308	381	499	679	980
-10°	94	124	155	183	218	257	306	377	487	657	928
-12.5°	96	125	155	184	217	255	302	368	468	623	861
-15°	98	126	155	184	216	252	296	356	443	578	778
-17.5°	98	126	154	182	215	248	287	342	421	539	718
-20°	98	125	153	179	212	244	281	332	401	501	646

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CATALOG NUMBER: GFLD-SA2B-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°	97	124	152	177	208	240	274	318	377	459	576
-25°	95	123	150	175	203	234	265	304	355	428	525
-27.5°	92	120	147	172	198	228	258	293	337	393	471
-30°	87	117	143	169	194	222	250	280	319	368	430
-32.5°	83	113	138	164	189	216	242	270	303	344	392
-35°	80	108	134	157	183	209	234	259	287	323	365
-37.5°	78	103	129	151	175	201	225	249	275	303	341
-40°	75	98	123	146	168	192	216	239	262	291	320
-42.5°	72	94	118	141	161	183	206	228	252	278	305
-45°	69	89	112	133	154	175	197	217	241	265	291
-47.5°	65	84	106	125	145	166	187	208	228	251	276
-50°	60	79	98	116	135	155	176	197	217	237	258
-52.5°	56	72	90	108	125	142	164	185	205	224	243
-55°	50	65	82	100	117	132	150	172	191	210	230
-57.5°	46	59	74	91	107	123	140	158	178	196	215
-60°	42	53	66	81	98	113	130	147	164	182	199
-62.5°	38	48	58	71	86	102	117	133	150	165	180
-65°	35	42	51	62	74	88	103	118	133	147	160
-67.5°	31	37	44	53	63	75	87	101	115	128	140
-70°	26	32	38	45	53	63	74	85	96	107	119
-72.5°	22	27	32	38	45	53	62	71	80	90	100
-75°	18	22	27	31	37	44	51	59	66	74	83
-77.5°	14	18	21	25	29	35	40	46	53	59	65
-80°	11	13	16	19	23	26	30	34	39	44	50
-82.5°	9	10	12	14	16	19	22	24	28	32	36
-85°	6	7	8	10	11	12	14	16	18	20	23
-87.5°	3	4	4	5	5	6	7	7	8	10	11
-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°	1	1	1	1	1	0	1	1	1	2	2
60°	6	4	5	7	7	5	7	8	8	6	6
57.5°	15	16	18	21	23	25	27	29	30	31	32
55°	27	32	38	40	45	52	58	58	59	61	64
52.5°	43	49	52	57	66	71	74	79	84	89	94
50°	62	68	74	82	90	96	98	106	116	125	130
47.5°	82	89	100	114	122	128	136	147	159	171	181
45°	100	113	127	140	149	160	172	185	203	220	233
42.5°	121	135	149	164	175	193	213	229	255	278	292
40°	145	159	180	198	220	242	277	310	343	381	408
37.5°	173	195	225	254	286	320	383	447	499	573	614
35°	208	242	284	327	379	459	551	676	805	912	1016
32.5°	248	292	349	426	514	643	781	1010	1233	1455	1674
30°	288	351	439	545	688	893	1153	1506	1889	2225	2528
27.5°	340	430	545	702	946	1247	1726	2217	2705	3140	3453
25°	404	524	686	947	1300	1797	2440	3042	3615	4041	4401
22.5°	496	675	906	1238	1879	2570	3340	4097	4740	5278	5633
20°	610	852	1238	1839	2593	3458	4449	5245	6037	6642	7183
17.5°	771	1157	1702	2465	3366	4520	5540	6428	7433	8052	8604
15°	915	1412	2189	3163	4218	5441	6644	7732	8702	9382	9999
12.5°	1098	1683	2576	3722	4876	6238	7488	8653	9603	10303	10734
10°	1263	1961	2963	4161	5453	6876	8172	9384	10305	10845	11163
7.5°	1395	2192	3277	4537	5901	7333	8702	9905	10786	11239	11455
5°	1498	2363	3522	4845	6262	7727	9124	10302	11044	11418	11539
2.5°	1575	2482	3687	5048	6506	8019	9445	10606	11239	11509	11549
0°	1627	2566	3795	5176	6715	8123	9618	10797	11399	11616	11637
-2.5°	1614	2536	3790	5130	6691	8170	9646	10809	11454	11745	11792
-5°	1582	2464	3664	4998	6501	7982	9390	10618	11409	11848	12043
-7.5°	1518	2341	3449	4747	6192	7675	9111	10385	11295	11913	12294
-10°	1410	2161	3174	4430	5854	7267	8686	10009	10989	11733	12264
-12.5°	1263	1916	2839	3981	5412	6731	8075	9342	10411	11330	11878
-15°	1111	1662	2491	3535	4781	6080	7322	8565	9621	10479	11163
-17.5°	1002	1439	2087	3001	4096	5328	6539	7682	8634	9441	10158
-20°	865	1190	1703	2471	3435	4512	5672	6689	7540	8296	8982

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P626876 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	756	1019	1390	1914	2779	3729	4678	5615	6414	7088	7673
-25°	657	841	1131	1558	2120	2941	3741	4531	5269	5896	6422
-27.5°	579	726	919	1223	1650	2128	2829	3490	4125	4697	5194
-30°	508	618	769	959	1250	1605	2027	2521	3027	3479	3931
-32.5°	458	536	640	781	943	1198	1453	1785	2106	2435	2759
-35°	412	475	546	640	751	900	1068	1271	1442	1658	1857
-37.5°	381	425	479	538	618	701	815	938	1044	1165	1266
-40°	355	389	426	466	521	577	650	720	787	860	915
-42.5°	333	361	387	418	451	496	545	588	629	672	708
-45°	316	337	358	382	407	439	474	506	533	557	577
-47.5°	297	316	335	353	375	398	421	442	464	483	496
-50°	279	298	315	331	349	368	386	402	418	432	440
-52.5°	262	281	298	312	328	343	358	373	387	399	405
-55°	248	266	283	296	309	322	335	349	362	374	378
-57.5°	234	252	268	280	292	304	316	329	341	352	356
-60°	217	236	250	261	274	286	298	310	321	331	335
-62.5°	197	213	227	238	249	259	272	284	296	306	312
-65°	173	187	200	211	222	232	244	255	266	275	281
-67.5°	152	163	174	184	194	204	215	226	236	244	249
-70°	131	142	151	161	170	179	188	197	206	212	217
-72.5°	111	120	128	137	145	153	161	169	176	182	186
-75°	91	99	107	114	121	127	133	139	145	150	154
-77.5°	72	78	85	91	97	102	107	111	115	120	123
-80°	55	60	64	69	73	77	81	84	88	91	94
-82.5°	40	43	46	49	52	54	57	60	62	64	66
-85°	25	27	29	30	32	33	35	37	38	40	41
-87.5°	12	13	14	14	15	16	17	17	18	19	19
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626876 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	2	2	2	2	2	2	2	2	2	1	1
60°	6	6	6	6	6	6	6	6	6	8	8
57.5°	31	29	27	25	27	29	31	32	31	30	29
55°	68	72	73	73	73	72	68	64	61	59	58
52.5°	97	99	98	96	98	99	97	94	89	84	79
50°	132	132	131	129	131	132	132	130	125	116	106
47.5°	186	188	190	190	190	188	186	181	171	159	147
45°	238	241	242	242	242	241	238	233	220	203	185
42.5°	300	304	306	304	306	304	300	292	278	255	229
40°	424	430	427	421	427	430	424	408	381	343	310
37.5°	643	664	673	673	673	664	643	614	573	499	447
35°	1109	1183	1217	1175	1217	1183	1109	1016	912	805	676
32.5°	1852	1984	2058	2058	2058	1984	1852	1674	1455	1233	1010
30°	2758	2922	3015	3035	3015	2922	2758	2528	2225	1889	1506
27.5°	3697	3867	3956	3943	3956	3867	3697	3453	3140	2705	2217
25°	4639	4768	4842	4845	4842	4768	4639	4401	4041	3615	3042
22.5°	6031	6303	6414	6444	6414	6303	6031	5633	5278	4740	4097
20°	7549	7812	7981	7992	7981	7812	7549	7183	6642	6037	5245
17.5°	8995	9125	9149	9160	9149	9125	8995	8604	8052	7433	6428
15°	10358	10403	10524	10539	10524	10403	10358	9999	9382	8702	7732
12.5°	11005	11047	11026	10970	11026	11047	11005	10734	10303	9603	8653
10°	11358	11299	11211	11106	11211	11299	11358	11163	10845	10305	9384
7.5°	11438	11372	11217	11064	11217	11372	11438	11455	11239	10786	9905
5°	11476	11283	11088	10901	11088	11283	11476	11539	11418	11044	10302
2.5°	11453	11224	10956	10756	10956	11224	11453	11549	11509	11239	10606
0°	11526	11295	11014	10939	11014	11295	11526	11637	11616	11399	10797
-2.5°	11730	11542	11395	11355	11395	11542	11730	11792	11745	11454	10809
-5°	12096	12054	11805	11864	11805	12054	12096	12043	11848	11409	10618
-7.5°	12449	12391	12285	12422	12285	12391	12449	12294	11913	11295	10385
-10°	12543	12524	12573	12695	12573	12524	12543	12264	11733	10989	10009
-12.5°	12255	12406	12575	12703	12575	12406	12255	11878	11330	10411	9342
-15°	11613	11921	12174	12295	12174	11921	11613	11163	10479	9621	8565
-17.5°	10666	11045	11345	11430	11345	11045	10666	10158	9441	8634	7682
-20°	9501	9886	10159	10268	10159	9886	9501	8982	8296	7540	6689

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REPORT NUMBER: P626876 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	8190	8566	8813	8943	8813	8566	8190	7673	7088	6414	5615
-25°	6859	7189	7409	7467	7409	7189	6859	6422	5896	5269	4531
-27.5°	5586	5852	6014	6032	6014	5852	5586	5194	4697	4125	3490
-30°	4306	4553	4693	4767	4693	4553	4306	3931	3479	3027	2521
-32.5°	3024	3220	3339	3370	3339	3220	3024	2759	2435	2106	1785
-35°	2016	2138	2213	2229	2213	2138	2016	1857	1658	1442	1271
-37.5°	1348	1408	1444	1462	1444	1408	1348	1266	1165	1044	938
-40°	955	983	999	1002	999	983	955	915	860	787	720
-42.5°	731	745	752	754	752	745	731	708	672	629	588
-45°	590	600	606	608	606	600	590	577	557	533	506
-47.5°	505	511	515	517	515	511	505	496	483	464	442
-50°	446	449	451	450	451	449	446	440	432	418	402
-52.5°	408	410	411	410	411	410	408	405	399	387	373
-55°	380	382	382	381	382	382	380	378	374	362	349
-57.5°	359	361	360	358	360	361	359	356	352	341	329
-60°	338	340	340	340	340	340	338	335	331	321	310
-62.5°	317	321	322	321	322	321	317	312	306	296	284
-65°	287	292	291	290	291	292	287	281	275	266	255
-67.5°	253	257	257	256	257	257	253	249	244	236	226
-70°	222	226	226	225	226	226	222	217	212	206	197
-72.5°	191	195	196	196	196	195	191	186	182	176	169
-75°	158	162	161	160	161	162	158	154	150	145	139
-77.5°	127	130	130	129	130	130	127	123	120	115	111
-80°	97	99	99	98	99	99	97	94	91	88	84
-82.5°	69	70	70	69	70	70	69	66	64	62	60
-85°	42	44	44	44	44	44	42	41	40	38	37
-87.5°	20	21	20	19	20	21	20	19	19	18	17
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626876 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	1	0	1	1	1	1	1	1	1	0	1
60°	7	5	7	7	5	4	6	5	2	2	1
57.5°	27	25	23	21	18	16	15	14	12	7	3
55°	58	52	45	40	38	32	27	23	22	17	12
52.5°	74	71	66	57	52	49	43	37	31	27	21
50°	98	96	90	82	74	68	62	54	46	39	32
47.5°	136	128	122	114	100	89	82	74	63	54	45
45°	172	160	149	140	127	113	100	90	80	69	60
42.5°	213	193	175	164	149	135	121	108	94	82	73
40°	277	242	220	198	180	159	145	129	113	96	86
37.5°	383	320	286	254	225	195	173	155	135	116	101
35°	551	459	379	327	284	242	208	183	160	138	117
32.5°	781	643	514	426	349	292	248	215	183	159	138
30°	1153	893	688	545	439	351	288	245	208	178	156
27.5°	1726	1247	946	702	545	430	340	276	231	197	172
25°	2440	1797	1300	947	686	524	404	319	258	215	190
22.5°	3340	2570	1879	1238	906	675	496	363	288	246	212
20°	4449	3458	2593	1839	1238	852	610	439	341	282	237
17.5°	5540	4520	3366	2465	1702	1157	771	536	393	318	262
15°	6644	5441	4218	3163	2189	1412	915	630	451	359	291
12.5°	7488	6238	4876	3722	2576	1683	1098	749	525	393	313
10°	8172	6876	5453	4161	2963	1961	1263	839	579	420	331
7.5°	8702	7333	5901	4537	3277	2192	1395	909	620	444	345
5°	9124	7727	6262	4845	3522	2363	1498	963	651	465	356
2.5°	9445	8019	6506	5048	3687	2482	1575	1008	676	485	367
0°	9618	8123	6715	5176	3795	2566	1627	1043	694	500	375
-2.5°	9646	8170	6691	5130	3790	2536	1614	1036	696	505	381
-5°	9390	7982	6501	4998	3664	2464	1582	1015	691	504	383
-7.5°	9111	7675	6192	4747	3449	2341	1518	980	679	499	381
-10°	8686	7267	5854	4430	3174	2161	1410	928	657	487	377
-12.5°	8075	6731	5412	3981	2839	1916	1263	861	623	468	368
-15°	7322	6080	4781	3535	2491	1662	1111	778	578	443	356
-17.5°	6539	5328	4096	3001	2087	1439	1002	718	539	421	342
-20°	5672	4512	3435	2471	1703	1190	865	646	501	401	332

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REPORT NUMBER: P626876 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	4678	3729	2779	1914	1390	1019	756	576	459	377	318
-25°	3741	2941	2120	1558	1131	841	657	525	428	355	304
-27.5°	2829	2128	1650	1223	919	726	579	471	393	337	293
-30°	2027	1605	1250	959	769	618	508	430	368	319	280
-32.5°	1453	1198	943	781	640	536	458	392	344	303	270
-35°	1068	900	751	640	546	475	412	365	323	287	259
-37.5°	815	701	618	538	479	425	381	341	303	275	249
-40°	650	577	521	466	426	389	355	320	291	262	239
-42.5°	545	496	451	418	387	361	333	305	278	252	228
-45°	474	439	407	382	358	337	316	291	265	241	217
-47.5°	421	398	375	353	335	316	297	276	251	228	208
-50°	386	368	349	331	315	298	279	258	237	217	197
-52.5°	358	343	328	312	298	281	262	243	224	205	185
-55°	335	322	309	296	283	266	248	230	210	191	172
-57.5°	316	304	292	280	268	252	234	215	196	178	158
-60°	298	286	274	261	250	236	217	199	182	164	147
-62.5°	272	259	249	238	227	213	197	180	165	150	133
-65°	244	232	222	211	200	187	173	160	147	133	118
-67.5°	215	204	194	184	174	163	152	140	128	115	101
-70°	188	179	170	161	151	142	131	119	107	96	85
-72.5°	161	153	145	137	128	120	111	100	90	80	71
-75°	133	127	121	114	107	99	91	83	74	66	59
-77.5°	107	102	97	91	85	78	72	65	59	53	46
-80°	81	77	73	69	64	60	55	50	44	39	34
-82.5°	57	54	52	49	46	43	40	36	32	28	24
-85°	35	33	32	30	29	27	25	23	20	18	16
-87.5°	17	16	15	14	14	13	12	11	10	8	7
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626876 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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	0	0	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	0	0
65°	1	0	0	1	1	1	1	1	1	0	0
62.5°	1	2	1	1	1	2	2	1	1	1	0
60°	1	2	2	2	1	2	2	2	2	1	1
57.5°	3	2	2	2	2	2	2	2	2	2	2
55°	6	4	3	3	2	2	2	2	2	2	2
52.5°	14	8	5	4	3	2	2	2	2	2	2
50°	24	16	9	6	4	3	3	2	2	2	2
47.5°	36	26	17	9	6	4	3	3	2	2	2
45°	49	37	26	16	9	7	4	3	3	2	3
42.5°	64	50	37	23	15	10	5	4	3	2	3
40°	77	65	48	34	22	14	9	5	4	3	3
37.5°	89	78	62	44	29	20	13	6	5	3	3
35°	103	90	75	56	39	26	17	8	6	4	3
32.5°	116	102	86	67	48	31	22	12	7	5	3
30°	133	112	96	79	58	39	27	17	9	6	3
27.5°	149	123	105	88	67	47	32	21	11	7	4
25°	165	136	114	96	76	55	37	24	14	8	5
22.5°	182	150	123	104	85	63	44	28	17	10	5
20°	199	164	131	113	93	71	50	33	20	12	6
17.5°	218	179	145	122	100	78	57	37	22	14	7
15°	237	194	158	131	108	84	63	42	25	15	8
12.5°	253	207	170	140	115	89	68	47	27	17	9
10°	268	219	180	149	122	94	73	51	30	19	11
7.5°	280	229	189	158	128	100	77	54	34	20	12
5°	290	238	196	164	133	106	80	57	37	21	14
2.5°	298	245	200	169	138	111	83	59	41	22	15
0°	304	250	204	173	142	117	85	60	44	23	17
-2.5°	307	253	210	176	147	119	88	64	46	26	17
-5°	308	256	214	179	151	121	91	66	47	29	18
-7.5°	308	257	217	181	154	122	93	69	49	31	18
-10°	306	257	218	183	155	124	94	71	50	33	18
-12.5°	302	255	217	184	155	125	96	72	51	34	19
-15°	296	252	216	184	155	126	98	73	52	35	19
-17.5°	287	248	215	182	154	126	98	73	52	35	20
-20°	281	244	212	179	153	125	98	72	52	34	20

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REPORT NUMBER: P626876 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	274	240	208	177	152	124	97	70	51	34	21
-25°	265	234	203	175	150	123	95	67	50	33	21
-27.5°	258	228	198	172	147	120	92	66	48	32	21
-30°	250	222	194	169	143	117	87	64	47	32	21
-32.5°	242	216	189	164	138	113	83	61	46	31	20
-35°	234	209	183	157	134	108	80	58	44	31	20
-37.5°	225	201	175	151	129	103	78	57	43	29	19
-40°	216	192	168	146	123	98	75	56	41	28	18
-42.5°	206	183	161	141	118	94	72	54	39	26	17
-45°	197	175	154	133	112	89	69	52	36	25	17
-47.5°	187	166	145	125	106	84	65	49	34	24	16
-50°	176	155	135	116	98	79	60	45	32	23	16
-52.5°	164	142	125	108	90	72	56	41	31	22	15
-55°	150	132	117	100	82	65	50	39	29	21	14
-57.5°	140	123	107	91	74	59	46	36	27	19	13
-60°	130	113	98	81	66	53	42	33	25	18	13
-62.5°	117	102	86	71	58	48	38	30	23	17	12
-65°	103	88	74	62	51	42	35	27	21	15	11
-67.5°	87	75	63	53	44	37	31	24	18	13	10
-70°	74	63	53	45	38	32	26	21	16	12	9
-72.5°	62	53	45	38	32	27	22	17	13	10	7
-75°	51	44	37	31	27	22	18	14	11	8	6
-77.5°	40	35	29	25	21	18	14	11	9	7	6
-80°	30	26	23	19	16	13	11	9	8	6	5
-82.5°	22	19	16	14	12	10	9	7	6	5	4
-85°	14	12	11	10	8	7	6	5	4	4	3
-87.5°	7	6	5	5	4	4	3	3	2	2	1
-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: P626876 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	0	1	1	0	0	0	0
62.5°	0	1	1	1	0	0	0
60°	0	1	1	1	0	0	0
57.5°	1	1	1	1	0	0	0
55°	1	1	1	1	0	0	0
52.5°	2	1	1	2	0	0	0
50°	2	1	2	2	1	0	0
47.5°	2	2	2	2	1	0	0
45°	2	2	2	2	1	0	0
42.5°	2	2	2	2	1	0	0
40°	3	2	2	2	1	0	0
37.5°	3	2	2	2	1	0	0
35°	3	2	2	2	1	0	0
32.5°	4	2	2	2	1	0	0
30°	4	3	2	2	2	0	0
27.5°	4	3	2	2	2	0	0
25°	4	3	2	2	2	0	0
22.5°	4	3	2	2	2	0	0
20°	4	4	2	2	2	0	0
17.5°	4	4	2	2	2	0	0
15°	5	4	2	2	2	0	0
12.5°	5	4	2	2	2	0	0
10°	5	4	2	2	2	0	0
7.5°	5	4	2	2	2	0	0
5°	6	4	2	2	2	0	0
2.5°	6	4	2	2	2	0	0
0°	6	4	2	2	2	0	0
-2.5°	7	4	2	2	2	0	0
-5°	8	5	2	2	2	0	0
-7.5°	9	5	3	2	2	0	0
-10°	10	5	3	2	2	0	0
-12.5°	11	5	3	2	2	0	0
-15°	11	5	3	2	2	0	0
-17.5°	12	5	3	2	2	0	0
-20°	12	5	3	2	2	0	0

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CATALOG NUMBER: GFLD-SA2B-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)