

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: P627834 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-750-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627834 (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-SA6B-750-U-MR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (96) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 28342.8 lumens  
Efficiency: N/A  
Efficacy: 148.7 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
NEMA Type: 4H x 4V  
Max Intensity: 99931.4 candela  
Max Intensity Angle: 0°H x -2.5°V  
Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 14171.6 lumens  
Beam Efficiency: 50.0%  
Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 24351.7 lumens  
Field Efficiency: 85.9%

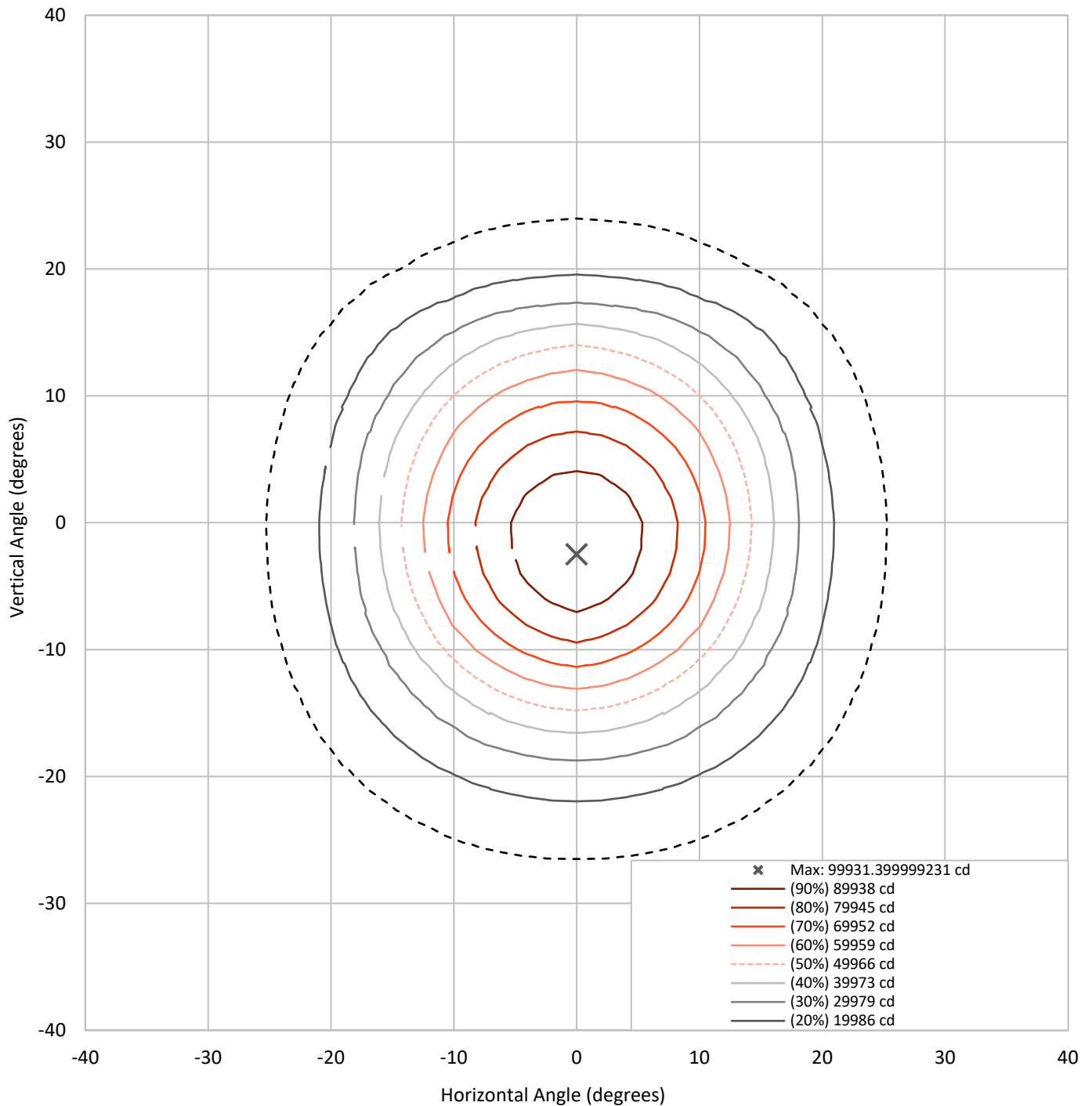
Input Watts (W): 190.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA6B-750-U-MR-VSR-XX

### Iso-Candela Plot





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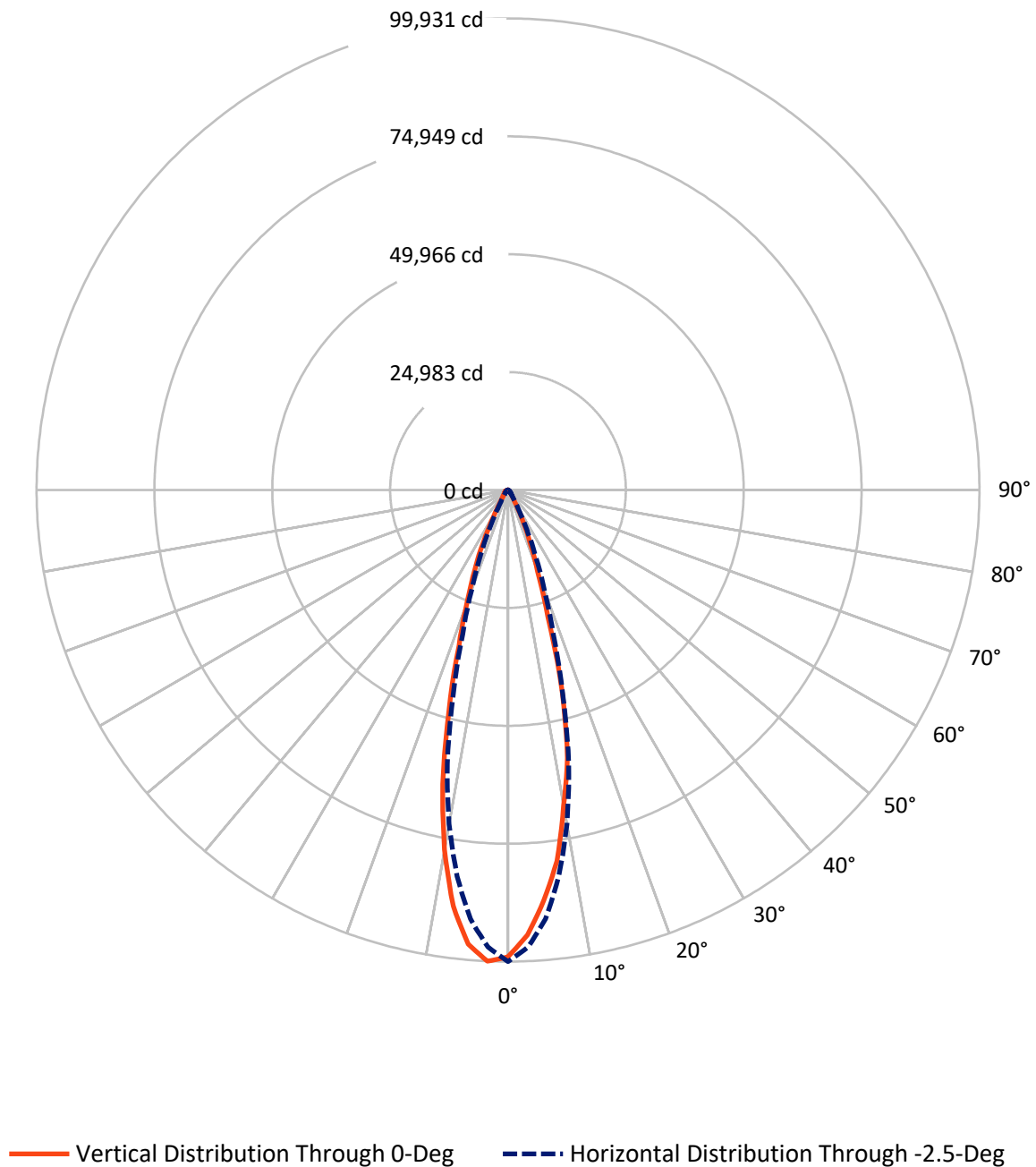
CATALOG NUMBER: GFLD-SA6B-750-U-MR-VSR-XX

### Lumen Table

90																			
80	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	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0			
50		0.0	0.2	0.8	1.9	3.2	4.5	5.4	5.4	4.5	3.2	1.9	0.8	0.2	0.0				
40	0.1	0.1	1.0	3.1	5.9	9.2	12.9	15.1	15.1	12.9	9.2	5.9	3.1	1.0	0.1	0.1			
30		0.4	2.4	6.1	11.1	18.3	30.6	40.8	40.8	30.6	18.3	11.1	6.1	2.4	0.4				
20	0.2	0.9	3.8	9.3	17.6	42.8	134.5	246.7	246.7	134.5	42.8	17.6	9.3	3.8	0.9	0.2			
10		1.4	5.3	12.6	30.2	147.6	600.2	1175.3	1175.3	600.2	147.6	30.2	12.6	5.3	1.4				
0	0.4	1.8	6.4	15.0	43.3	281.4	1211.9	2375.5	2375.5	1211.9	281.4	43.3	15.0	6.4	1.8	0.4			
-10		2.1	7.0	15.8	46.2	294.8	1243.6	2518.9	2518.9	1243.6	294.8	46.2	15.8	7.0	2.1				
-20	0.5	2.2	7.1	15.4	38.0	181.0	687.7	1333.0	1333.0	687.7	181.0	38.0	15.4	7.1	2.2	0.5			
-30		2.1	6.8	14.1	27.9	70.3	213.0	380.0	380.0	213.0	70.3	27.9	14.1	6.8	2.1				
-40	0.5	1.9	6.0	12.2	21.1	34.7	56.6	75.8	75.8	56.6	34.7	21.1	12.2	6.0	1.9	0.5			
-50		1.6	5.0	10.1	16.7	23.9	31.5	35.3	35.3	31.5	23.9	16.7	10.1	5.0	1.6				
-60	0.3	1.2	3.8	7.9	13.0	18.2	22.7	24.7	24.7	22.7	18.2	13.0	7.9	3.8	1.2	0.3			
-70		0.7	2.3	5.2	8.7	12.4	15.5	17.1	17.1	15.5	12.4	8.7	5.2	2.3	0.7				
-80	0.1	1.8		8.4		18.1		22.9		18.1		8.4		1.8		0.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

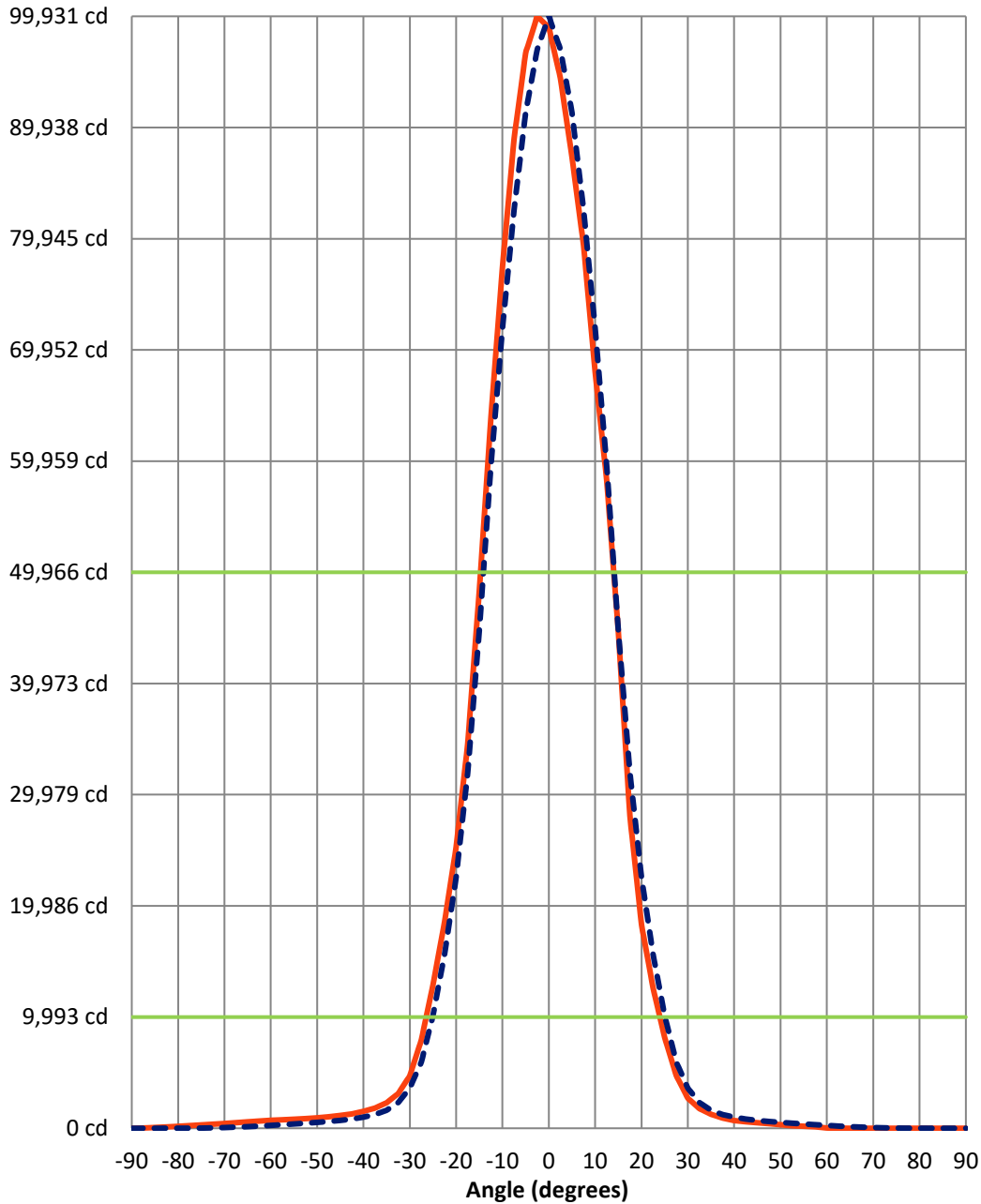
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 14171.6  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 24351.7  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 3991.1  
 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	2
57.5°	0	0	0	0	0	0	0	0	1	3	2
55°	0	0	0	0	0	0	1	0	3	4	3
52.5°	0	0	0	0	0	0	1	2	5	4	3
50°	0	0	0	0	0	1	2	3	6	5	4
47.5°	0	0	0	0	0	1	3	5	6	5	5
45°	0	0	0	0	0	2	3	6	6	6	6
42.5°	0	0	0	0	0	3	4	6	6	6	10
40°	0	0	0	0	0	4	5	6	7	6	15
37.5°	0	0	0	0	1	4	6	6	8	9	21
35°	0	0	0	0	2	5	6	6	9	15	27
32.5°	0	0	0	0	2	5	6	6	12	21	34
30°	0	0	0	0	3	6	6	7	14	27	42
27.5°	0	0	0	0	3	6	6	9	18	32	50
25°	0	0	0	0	4	6	6	11	22	38	59
22.5°	0	0	0	0	4	6	6	13	27	45	70
20°	0	0	0	0	5	6	6	16	31	52	81
17.5°	0	0	0	0	5	6	7	18	34	59	91
15°	0	0	0	0	5	6	7	21	38	66	100
12.5°	0	0	0	0	6	6	8	24	42	73	108
10°	0	0	0	0	6	6	9	28	45	80	115
7.5°	0	0	0	0	6	6	10	30	48	86	122
5°	0	0	0	0	6	6	11	33	51	91	128
2.5°	0	0	0	0	6	6	12	36	54	96	134
0°	0	0	0	0	6	6	13	38	57	101	138
-2.5°	0	0	0	0	6	7	15	39	62	104	142
-5°	0	0	0	1	6	8	17	39	67	107	146
-7.5°	0	0	0	1	6	8	20	40	71	109	148
-10°	0	0	0	2	6	9	21	40	75	111	150
-12.5°	0	0	0	2	6	9	23	40	77	113	153
-15°	0	0	0	2	6	10	24	40	77	115	156
-17.5°	0	0	0	2	6	10	25	42	76	115	158
-20°	0	0	0	3	6	10	25	44	75	115	157

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REPORT NUMBER: P627834 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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	3	6	10	26	45	74	114	155
-25°	0	0	0	3	6	11	26	46	72	111	151
-27.5°	0	0	0	3	6	12	26	47	69	108	148
-30°	0	0	0	3	6	12	26	47	69	104	143
-32.5°	0	0	0	3	7	13	25	47	69	100	137
-35°	0	0	0	2	8	13	26	46	68	96	130
-37.5°	0	0	0	2	8	13	26	45	66	92	127
-40°	0	0	0	2	8	13	25	43	64	89	124
-42.5°	0	0	0	1	8	14	25	41	62	87	119
-45°	0	0	0	1	8	14	24	40	59	83	113
-47.5°	0	0	0	1	7	14	22	38	57	78	107
-50°	0	0	0	1	7	13	22	36	54	74	100
-52.5°	0	0	0	1	6	13	21	33	50	69	92
-55°	0	0	0	1	6	12	19	30	46	64	85
-57.5°	0	0	0	1	5	11	18	28	41	58	77
-60°	0	0	0	1	5	10	16	25	37	52	70
-62.5°	0	0	0	1	5	10	15	23	34	46	62
-65°	0	0	0	1	4	9	14	20	30	41	54
-67.5°	0	0	0	1	4	8	13	18	26	36	47
-70°	0	0	0	1	4	7	12	17	23	31	41
-72.5°	0	0	0	1	3	7	11	14	19	26	34
-75°	0	0	0	1	3	6	9	12	16	21	28
-77.5°	0	0	0	1	3	5	8	10	13	16	20
-80°	0	0	0	1	2	4	6	8	10	12	15
-82.5°	0	0	0	1	2	3	5	6	7	8	10
-85°	0	0	0	0	1	2	3	4	4	5	5
-87.5°	0	0	0	0	1	1	2	2	2	2	3
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627834 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-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	1	2	2
60°	0	0	1	2	1	3	4	5	6	6	13
57.5°	1	1	3	3	4	7	10	12	20	29	35
55°	2	4	5	5	9	15	20	31	42	55	66
52.5°	4	6	6	10	18	27	40	55	72	84	95
50°	6	7	8	20	31	46	65	86	100	112	130
47.5°	8	10	19	32	48	70	96	113	127	150	175
45°	12	18	31	48	69	99	121	138	162	189	216
42.5°	17	28	45	63	97	125	147	170	197	227	256
40°	25	38	60	89	123	150	177	204	231	266	297
37.5°	33	52	77	113	147	178	209	239	273	310	345
35°	40	67	98	134	170	208	241	276	318	358	399
32.5°	50	82	116	155	194	235	273	318	361	405	455
30°	64	97	134	176	217	260	308	359	402	451	505
27.5°	79	112	152	195	238	285	343	393	440	494	552
25°	92	127	169	213	259	313	375	427	476	536	605
22.5°	105	142	188	229	280	343	406	464	520	578	659
20°	117	158	206	251	301	370	437	502	567	641	731
17.5°	129	174	224	273	329	398	468	540	613	703	816
15°	140	188	241	295	355	425	499	577	663	768	897
12.5°	151	201	258	314	377	449	526	608	706	833	993
10°	160	212	274	332	397	471	549	635	741	877	1065
7.5°	169	223	288	349	414	491	570	658	770	914	1122
5°	177	234	299	361	428	506	586	678	793	943	1168
2.5°	183	244	308	370	438	516	597	690	808	971	1204
0°	189	252	315	377	447	522	604	698	818	994	1227
-2.5°	195	260	322	385	455	529	611	706	829	1001	1233
-5°	199	266	327	391	461	533	615	709	834	1002	1235
-7.5°	203	271	331	395	466	537	618	712	837	1000	1234
-10°	205	274	335	399	470	540	618	711	833	990	1214
-12.5°	209	275	336	401	471	541	616	705	821	970	1175
-15°	211	275	336	400	470	540	611	694	803	946	1124
-17.5°	212	274	335	397	467	537	604	683	785	919	1089
-20°	212	273	332	391	461	531	598	675	769	888	1040

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CATALOG NUMBER: GFLD-SA6B-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°	210	270	327	385	452	521	589	661	749	849	986
-25°	207	267	323	380	443	509	577	644	727	822	939
-27.5°	202	262	317	373	432	495	561	627	703	790	891
-30°	194	254	309	365	422	482	542	609	677	758	850
-32.5°	185	245	299	354	411	468	523	587	653	723	805
-35°	177	234	288	341	398	453	505	561	626	691	761
-37.5°	172	223	277	326	381	435	485	537	595	659	722
-40°	165	211	264	313	361	416	465	512	564	626	687
-42.5°	157	202	250	298	345	394	444	489	538	595	652
-45°	151	193	237	283	329	373	420	468	515	565	620
-47.5°	143	182	225	266	312	356	397	443	491	539	586
-50°	133	171	210	249	291	336	378	417	462	509	556
-52.5°	123	159	194	230	270	312	355	396	434	474	519
-55°	111	144	178	212	247	286	327	368	408	445	483
-57.5°	100	128	160	193	225	258	298	337	375	413	451
-60°	90	113	141	173	204	235	268	305	341	377	412
-62.5°	79	100	124	150	180	211	242	273	307	337	368
-65°	70	87	107	130	155	182	211	241	271	296	320
-67.5°	60	74	91	110	132	154	177	203	231	254	275
-70°	51	62	75	91	108	127	148	169	189	210	231
-72.5°	43	52	62	72	88	104	121	137	155	173	190
-75°	35	42	51	59	70	83	97	112	126	140	154
-77.5°	27	34	40	47	55	65	75	87	99	110	122
-80°	19	25	31	36	42	48	55	63	71	80	90
-82.5°	13	17	21	26	29	33	37	41	47	54	60
-85°	7	9	12	15	17	19	21	23	27	31	35
-87.5°	4	5	6	7	8	8	9	9	10	12	14
-90°	0	0	0	0	0	0	0	0	0	0	0



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 CATALOG NUMBER: GFLD-SA6B-750-U-MR-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	1	2	1	1	0	0
62.5°	2	3	5	7	7	8	8	9	9	9	8
60°	16	16	24	29	28	22	31	36	34	29	29
57.5°	44	55	63	66	74	88	92	90	91	95	107
55°	77	86	92	105	118	130	139	145	153	161	171
52.5°	105	120	130	143	160	170	175	192	208	219	227
50°	150	165	181	199	215	230	243	260	281	303	316
47.5°	196	216	237	263	281	295	312	336	364	390	405
45°	240	263	289	314	334	354	379	408	437	463	483
42.5°	279	305	333	361	379	411	445	475	511	543	568
40°	324	349	390	419	444	477	527	571	614	654	679
37.5°	379	420	465	500	533	575	644	712	765	819	857
35°	443	493	548	587	637	714	800	894	988	1063	1130
32.5°	505	560	616	678	754	864	972	1122	1260	1403	1536
30°	560	622	691	770	893	1046	1221	1450	1700	1948	2231
27.5°	618	687	768	894	1081	1289	1613	1974	2490	2904	3572
25°	682	759	870	1070	1329	1694	2261	2905	3971	4881	5907
22.5°	759	877	1034	1286	1717	2375	3256	4660	6296	7816	9265
20°	853	1014	1282	1683	2302	3313	4984	7114	9389	11612	13763
17.5°	979	1234	1617	2187	3064	5190	7676	10720	14616	17542	20317
15°	1093	1415	1994	2917	4569	7305	10779	15440	20685	25095	30083
12.5°	1228	1618	2315	3512	5873	9490	13919	19477	25684	32378	40192
10°	1345	1825	2723	4370	7233	11443	16406	22930	30903	40375	50251
7.5°	1436	1998	3063	5013	8379	13045	18965	26900	36998	48069	59332
5°	1507	2132	3330	5517	9354	14346	20833	30041	41551	54258	65458
2.5°	1562	2226	3507	5827	10013	15234	22111	31711	44337	58299	70058
0°	1604	2284	3605	6047	10319	15655	22702	32385	45643	60278	72372
-2.5°	1619	2314	3610	5970	10133	15629	22564	31972	44742	59492	71881
-5°	1625	2299	3519	5812	9803	15069	21660	30401	41992	55827	68382
-7.5°	1613	2237	3334	5422	9061	14079	20399	28071	37571	49770	62746
-10°	1569	2130	3084	4894	8041	12534	18435	24917	32506	42465	52980
-12.5°	1491	1970	2740	4103	6839	10786	16011	21742	27657	34201	42850
-15°	1397	1805	2458	3623	5727	8950	13182	18021	22930	27942	33218
-17.5°	1325	1662	2169	2982	4397	7003	10387	14276	18259	22239	25792
-20°	1235	1492	1888	2520	3547	5090	7635	10661	13637	16882	19605

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627834 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	1154	1372	1669	2067	2758	3844	5295	7425	9686	12043	14279
-25°	1078	1243	1478	1798	2210	2856	3814	4928	6515	7965	9625
-27.5°	1013	1151	1311	1548	1860	2214	2802	3452	4285	4976	6084
-30°	951	1062	1193	1345	1575	1844	2160	2554	2961	3369	3900
-32.5°	893	986	1089	1212	1354	1555	1752	2005	2227	2473	2726
-35°	836	918	1003	1101	1210	1343	1490	1657	1806	1953	2086
-37.5°	787	856	930	1007	1095	1187	1303	1421	1520	1617	1699
-40°	745	803	864	929	999	1073	1163	1250	1318	1380	1432
-42.5°	708	758	806	861	919	988	1058	1124	1170	1214	1248
-45°	672	716	760	804	852	912	972	1024	1060	1092	1118
-47.5°	633	673	713	754	800	847	896	934	966	994	1013
-50°	596	635	671	705	746	788	830	863	891	915	928
-52.5°	559	597	633	668	701	734	767	798	827	852	861
-55°	523	560	593	625	658	689	719	746	772	796	803
-57.5°	488	526	561	587	614	643	671	698	722	744	752
-60°	449	486	517	542	569	596	620	644	669	690	699
-62.5°	401	435	463	488	512	535	558	580	602	619	629
-65°	345	375	402	426	448	469	490	510	528	542	550
-67.5°	297	318	341	363	385	406	425	442	458	470	478
-70°	250	270	290	310	330	348	364	380	395	405	413
-72.5°	208	225	243	261	279	294	308	322	335	344	351
-75°	169	183	199	214	229	242	253	264	275	283	289
-77.5°	134	145	156	168	179	190	199	208	216	222	228
-80°	99	108	117	126	134	141	148	155	162	167	173
-82.5°	67	74	81	87	94	98	102	105	109	113	117
-85°	39	43	47	51	56	58	61	64	66	69	71
-87.5°	15	17	19	21	23	23	24	24	24	26	28
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627834 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-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	1	1
62.5°	8	6	6	6	6	6	8	8	9	9	9
60°	27	25	25	25	25	25	27	29	29	34	36
57.5°	117	126	131	132	131	126	117	107	95	91	90
55°	178	185	186	183	186	185	178	171	161	153	145
52.5°	231	231	230	227	230	231	231	227	219	208	192
50°	320	319	319	321	319	319	320	316	303	281	260
47.5°	412	416	418	415	418	416	412	405	390	364	336
45°	492	498	500	497	500	498	492	483	463	437	408
42.5°	578	582	583	585	583	582	578	568	543	511	475
40°	691	695	694	692	694	695	691	679	654	614	571
37.5°	883	896	902	919	902	896	883	857	819	765	712
35°	1182	1214	1232	1258	1232	1214	1182	1130	1063	988	894
32.5°	1633	1698	1733	1768	1733	1698	1633	1536	1403	1260	1122
30°	2427	2557	2609	2706	2609	2557	2427	2231	1948	1700	1450
27.5°	4062	4370	4491	4744	4491	4370	4062	3572	2904	2490	1974
25°	6842	7506	7872	8161	7872	7506	6842	5907	4881	3971	2905
22.5°	10728	11700	12219	12603	12219	11700	10728	9265	7816	6296	4660
20°	15712	16995	17761	18316	17761	16995	15712	13763	11612	9389	7114
17.5°	23879	25896	27075	28088	27075	25896	23879	20317	17542	14616	10720
15°	35649	39702	42851	44605	42851	39702	35649	30083	25095	20685	15440
12.5°	47100	53035	56561	58183	56561	53035	47100	40192	32378	25684	19477
10°	58423	64020	67375	67967	67375	64020	58423	50251	40375	30903	22930
7.5°	67092	73247	77705	79325	77705	73247	67092	59332	48069	36998	26900
5°	74749	81956	86674	87272	86674	81956	74749	65458	54258	41551	30041
2.5°	80382	88216	92790	94363	92790	88216	80382	70058	58299	44337	31711
0°	83106	91544	96634	98925	96634	91544	83106	72372	60278	45643	32385
-2.5°	82533	91260	96942	99931	96942	91260	82533	71881	59492	44742	31972
-5°	79395	88147	93445	96622	93445	88147	79395	68382	55827	41992	30401
-7.5°	72158	80343	85983	88914	85983	80343	72158	62746	49770	37571	28071
-10°	62833	69761	74901	77399	74901	69761	62833	52980	42465	32506	24917
-12.5°	50716	57436	62073	63840	62073	57436	50716	42850	34201	27657	21742
-15°	38858	43986	47281	48323	47281	43986	38858	33218	27942	22930	18021
-17.5°	29468	32229	34082	34582	34082	32229	29468	25792	22239	18259	14276
-20°	22077	23788	24991	25275	24991	23788	22077	19605	16882	13637	10661

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REPORT NUMBER: P627834 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	16086	17372	18343	18537	18343	17372	16086	14279	12043	9686	7425
-25°	11096	12171	12830	12880	12830	12171	11096	9625	7965	6515	4928
-27.5°	6956	7547	7852	7960	7852	7547	6956	6084	4976	4285	3452
-30°	4299	4571	4714	4719	4714	4571	4299	3900	3369	2961	2554
-32.5°	2918	3050	3121	3121	3121	3050	2918	2726	2473	2227	2005
-35°	2186	2254	2293	2297	2293	2254	2186	2086	1953	1806	1657
-37.5°	1758	1795	1815	1818	1815	1795	1758	1699	1617	1520	1421
-40°	1470	1496	1512	1523	1512	1496	1470	1432	1380	1318	1250
-42.5°	1271	1288	1296	1290	1296	1288	1271	1248	1214	1170	1124
-45°	1132	1142	1149	1152	1149	1142	1132	1118	1092	1060	1024
-47.5°	1022	1027	1030	1032	1030	1027	1022	1013	994	966	934
-50°	935	939	940	938	940	939	935	928	915	891	863
-52.5°	865	866	867	868	867	866	865	861	852	827	798
-55°	808	810	811	812	811	810	808	803	796	772	746
-57.5°	759	764	764	761	764	764	759	752	744	722	698
-60°	707	713	716	717	716	713	707	699	690	669	644
-62.5°	638	644	647	648	647	644	638	629	619	602	580
-65°	557	563	571	579	571	563	557	550	542	528	510
-67.5°	484	488	496	503	496	488	484	478	470	458	442
-70°	420	425	427	428	427	425	420	413	405	395	380
-72.5°	357	363	364	365	364	363	357	351	344	335	322
-75°	295	300	302	302	302	300	295	289	283	275	264
-77.5°	233	238	239	239	239	238	233	228	222	216	208
-80°	177	182	179	176	179	182	177	173	167	162	155
-82.5°	121	125	123	120	123	125	121	117	113	109	105
-85°	73	75	72	69	72	75	73	71	69	66	64
-87.5°	30	31	28	25	28	31	30	28	26	24	24
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627834 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-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°	2	1	0	0	0	0	0	0	0	0	0
62.5°	8	8	7	7	5	3	2	2	2	1	1
60°	31	22	28	29	24	16	16	13	6	6	5
57.5°	92	88	74	66	63	55	44	35	29	20	12
55°	139	130	118	105	92	86	77	66	55	42	31
52.5°	175	170	160	143	130	120	105	95	84	72	55
50°	243	230	215	199	181	165	150	130	112	100	86
47.5°	312	295	281	263	237	216	196	175	150	127	113
45°	379	354	334	314	289	263	240	216	189	162	138
42.5°	445	411	379	361	333	305	279	256	227	197	170
40°	527	477	444	419	390	349	324	297	266	231	204
37.5°	644	575	533	500	465	420	379	345	310	273	239
35°	800	714	637	587	548	493	443	399	358	318	276
32.5°	972	864	754	678	616	560	505	455	405	361	318
30°	1221	1046	893	770	691	622	560	505	451	402	359
27.5°	1613	1289	1081	894	768	687	618	552	494	440	393
25°	2261	1694	1329	1070	870	759	682	605	536	476	427
22.5°	3256	2375	1717	1286	1034	877	759	659	578	520	464
20°	4984	3313	2302	1683	1282	1014	853	731	641	567	502
17.5°	7676	5190	3064	2187	1617	1234	979	816	703	613	540
15°	10779	7305	4569	2917	1994	1415	1093	897	768	663	577
12.5°	13919	9490	5873	3512	2315	1618	1228	993	833	706	608
10°	16406	11443	7233	4370	2723	1825	1345	1065	877	741	635
7.5°	18965	13045	8379	5013	3063	1998	1436	1122	914	770	658
5°	20833	14346	9354	5517	3330	2132	1507	1168	943	793	678
2.5°	22111	15234	10013	5827	3507	2226	1562	1204	971	808	690
0°	22702	15655	10319	6047	3605	2284	1604	1227	994	818	698
-2.5°	22564	15629	10133	5970	3610	2314	1619	1233	1001	829	706
-5°	21660	15069	9803	5812	3519	2299	1625	1235	1002	834	709
-7.5°	20399	14079	9061	5422	3334	2237	1613	1234	1000	837	712
-10°	18435	12534	8041	4894	3084	2130	1569	1214	990	833	711
-12.5°	16011	10786	6839	4103	2740	1970	1491	1175	970	821	705
-15°	13182	8950	5727	3623	2458	1805	1397	1124	946	803	694
-17.5°	10387	7003	4397	2982	2169	1662	1325	1089	919	785	683
-20°	7635	5090	3547	2520	1888	1492	1235	1040	888	769	675

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REPORT NUMBER: P627834 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	5295	3844	2758	2067	1669	1372	1154	986	849	749	661
-25°	3814	2856	2210	1798	1478	1243	1078	939	822	727	644
-27.5°	2802	2214	1860	1548	1311	1151	1013	891	790	703	627
-30°	2160	1844	1575	1345	1193	1062	951	850	758	677	609
-32.5°	1752	1555	1354	1212	1089	986	893	805	723	653	587
-35°	1490	1343	1210	1101	1003	918	836	761	691	626	561
-37.5°	1303	1187	1095	1007	930	856	787	722	659	595	537
-40°	1163	1073	999	929	864	803	745	687	626	564	512
-42.5°	1058	988	919	861	806	758	708	652	595	538	489
-45°	972	912	852	804	760	716	672	620	565	515	468
-47.5°	896	847	800	754	713	673	633	586	539	491	443
-50°	830	788	746	705	671	635	596	556	509	462	417
-52.5°	767	734	701	668	633	597	559	519	474	434	396
-55°	719	689	658	625	593	560	523	483	445	408	368
-57.5°	671	643	614	587	561	526	488	451	413	375	337
-60°	620	596	569	542	517	486	449	412	377	341	305
-62.5°	558	535	512	488	463	435	401	368	337	307	273
-65°	490	469	448	426	402	375	345	320	296	271	241
-67.5°	425	406	385	363	341	318	297	275	254	231	203
-70°	364	348	330	310	290	270	250	231	210	189	169
-72.5°	308	294	279	261	243	225	208	190	173	155	137
-75°	253	242	229	214	199	183	169	154	140	126	112
-77.5°	199	190	179	168	156	145	134	122	110	99	87
-80°	148	141	134	126	117	108	99	90	80	71	63
-82.5°	102	98	94	87	81	74	67	60	54	47	41
-85°	61	58	56	51	47	43	39	35	31	27	23
-87.5°	24	23	23	21	19	17	15	14	12	10	9
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627834 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	4	3	1	2	1	0	0	2	1	0	0
57.5°	10	7	4	3	3	1	1	2	3	1	0
55°	20	15	9	5	5	4	2	3	4	3	0
52.5°	40	27	18	10	6	6	4	3	4	5	2
50°	65	46	31	20	8	7	6	4	5	6	3
47.5°	96	70	48	32	19	10	8	5	5	6	5
45°	121	99	69	48	31	18	12	6	6	6	6
42.5°	147	125	97	63	45	28	17	10	6	6	6
40°	177	150	123	89	60	38	25	15	6	7	6
37.5°	209	178	147	113	77	52	33	21	9	8	6
35°	241	208	170	134	98	67	40	27	15	9	6
32.5°	273	235	194	155	116	82	50	34	21	12	6
30°	308	260	217	176	134	97	64	42	27	14	7
27.5°	343	285	238	195	152	112	79	50	32	18	9
25°	375	313	259	213	169	127	92	59	38	22	11
22.5°	406	343	280	229	188	142	105	70	45	27	13
20°	437	370	301	251	206	158	117	81	52	31	16
17.5°	468	398	329	273	224	174	129	91	59	34	18
15°	499	425	355	295	241	188	140	100	66	38	21
12.5°	526	449	377	314	258	201	151	108	73	42	24
10°	549	471	397	332	274	212	160	115	80	45	28
7.5°	570	491	414	349	288	223	169	122	86	48	30
5°	586	506	428	361	299	234	177	128	91	51	33
2.5°	597	516	438	370	308	244	183	134	96	54	36
0°	604	522	447	377	315	252	189	138	101	57	38
-2.5°	611	529	455	385	322	260	195	142	104	62	39
-5°	615	533	461	391	327	266	199	146	107	67	39
-7.5°	618	537	466	395	331	271	203	148	109	71	40
-10°	618	540	470	399	335	274	205	150	111	75	40
-12.5°	616	541	471	401	336	275	209	153	113	77	40
-15°	611	540	470	400	336	275	211	156	115	77	40
-17.5°	604	537	467	397	335	274	212	158	115	76	42
-20°	598	531	461	391	332	273	212	157	115	75	44

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CATALOG NUMBER: GFLD-SA6B-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°	589	521	452	385	327	270	210	155	114	74	45
-25°	577	509	443	380	323	267	207	151	111	72	46
-27.5°	561	495	432	373	317	262	202	148	108	69	47
-30°	542	482	422	365	309	254	194	143	104	69	47
-32.5°	523	468	411	354	299	245	185	137	100	69	47
-35°	505	453	398	341	288	234	177	130	96	68	46
-37.5°	485	435	381	326	277	223	172	127	92	66	45
-40°	465	416	361	313	264	211	165	124	89	64	43
-42.5°	444	394	345	298	250	202	157	119	87	62	41
-45°	420	373	329	283	237	193	151	113	83	59	40
-47.5°	397	356	312	266	225	182	143	107	78	57	38
-50°	378	336	291	249	210	171	133	100	74	54	36
-52.5°	355	312	270	230	194	159	123	92	69	50	33
-55°	327	286	247	212	178	144	111	85	64	46	30
-57.5°	298	258	225	193	160	128	100	77	58	41	28
-60°	268	235	204	173	141	113	90	70	52	37	25
-62.5°	242	211	180	150	124	100	79	62	46	34	23
-65°	211	182	155	130	107	87	70	54	41	30	20
-67.5°	177	154	132	110	91	74	60	47	36	26	18
-70°	148	127	108	91	75	62	51	41	31	23	17
-72.5°	121	104	88	72	62	52	43	34	26	19	14
-75°	97	83	70	59	51	42	35	28	21	16	12
-77.5°	75	65	55	47	40	34	27	20	16	13	10
-80°	55	48	42	36	31	25	19	15	12	10	8
-82.5°	37	33	29	26	21	17	13	10	8	7	6
-85°	21	19	17	15	12	9	7	5	5	4	4
-87.5°	9	8	8	7	6	5	4	3	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: P627834 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	2	1	0	0	0	0	0
47.5°	3	1	0	0	0	0	0
45°	3	2	0	0	0	0	0
42.5°	4	3	0	0	0	0	0
40°	5	4	0	0	0	0	0
37.5°	6	4	1	0	0	0	0
35°	6	5	2	0	0	0	0
32.5°	6	5	2	0	0	0	0
30°	6	6	3	0	0	0	0
27.5°	6	6	3	0	0	0	0
25°	6	6	4	0	0	0	0
22.5°	6	6	4	0	0	0	0
20°	6	6	5	0	0	0	0
17.5°	7	6	5	0	0	0	0
15°	7	6	5	0	0	0	0
12.5°	8	6	6	0	0	0	0
10°	9	6	6	0	0	0	0
7.5°	10	6	6	0	0	0	0
5°	11	6	6	0	0	0	0
2.5°	12	6	6	0	0	0	0
0°	13	6	6	0	0	0	0
-2.5°	15	7	6	0	0	0	0
-5°	17	8	6	1	0	0	0
-7.5°	20	8	6	1	0	0	0
-10°	21	9	6	2	0	0	0
-12.5°	23	9	6	2	0	0	0
-15°	24	10	6	2	0	0	0
-17.5°	25	10	6	2	0	0	0
-20°	25	10	6	3	0	0	0

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CATALOG NUMBER: GFLD-SA6B-750-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	26	10	6	3	0	0	0
-25°	26	11	6	3	0	0	0
-27.5°	26	12	6	3	0	0	0
-30°	26	12	6	3	0	0	0
-32.5°	25	13	7	3	0	0	0
-35°	26	13	8	2	0	0	0
-37.5°	26	13	8	2	0	0	0
-40°	25	13	8	2	0	0	0
-42.5°	25	14	8	1	0	0	0
-45°	24	14	8	1	0	0	0
-47.5°	22	14	7	1	0	0	0
-50°	22	13	7	1	0	0	0
-52.5°	21	13	6	1	0	0	0
-55°	19	12	6	1	0	0	0
-57.5°	18	11	5	1	0	0	0
-60°	16	10	5	1	0	0	0
-62.5°	15	10	5	1	0	0	0
-65°	14	9	4	1	0	0	0
-67.5°	13	8	4	1	0	0	0
-70°	12	7	4	1	0	0	0
-72.5°	11	7	3	1	0	0	0
-75°	9	6	3	1	0	0	0
-77.5°	8	5	3	1	0	0	0
-80°	6	4	2	1	0	0	0
-82.5°	5	3	2	1	0	0	0
-85°	3	2	1	0	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)