

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: P626934 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-750-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626934 (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-SA2C-750-U-MR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (32) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

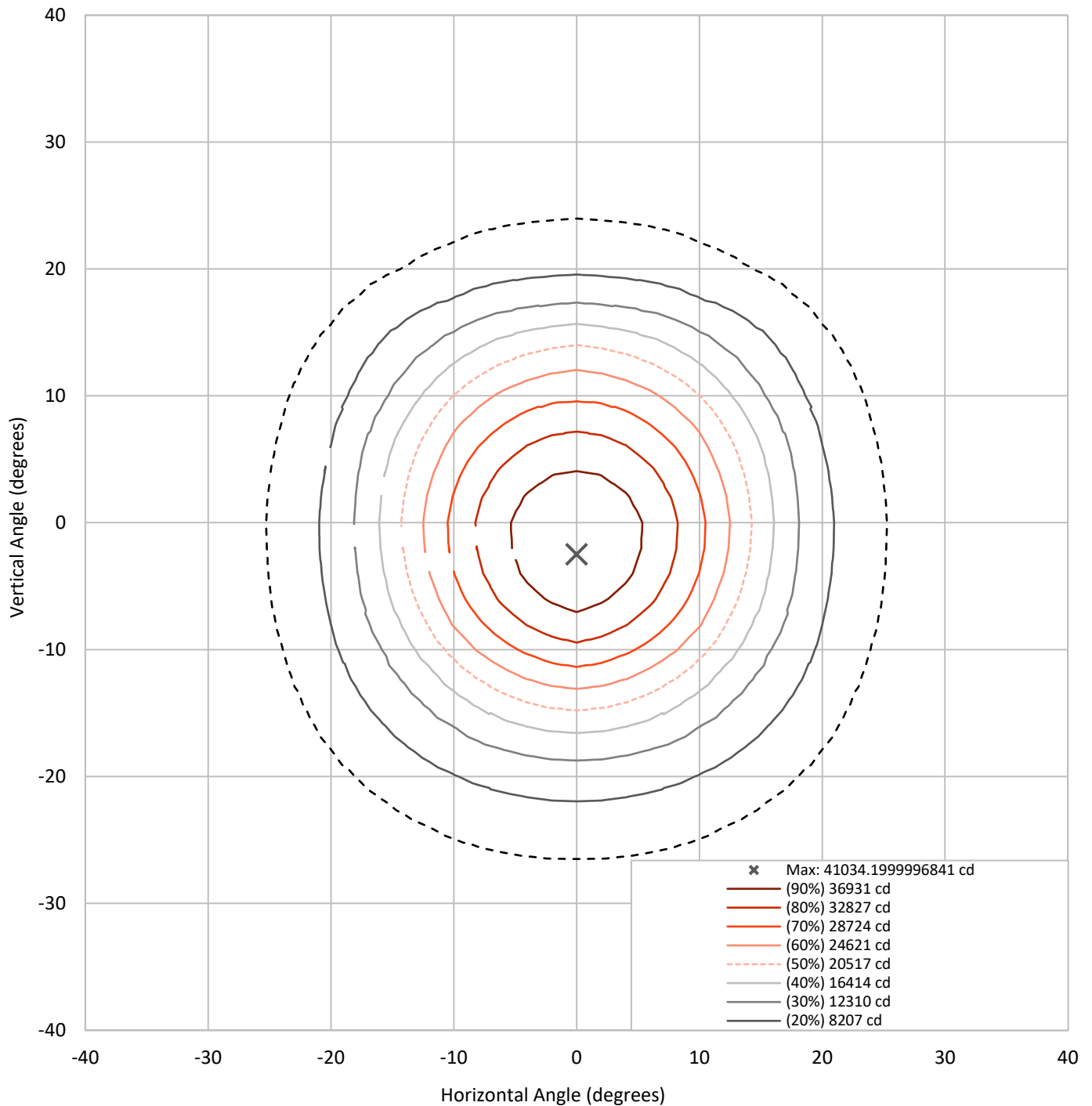
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	11638.2 lumens	Max Intensity:	41034.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	140.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	5819.2 lumens	Field Lumens:	9999.4 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	82.6		
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-SA2C-750-U-MR-VSR-XX

### Iso-Candela Plot





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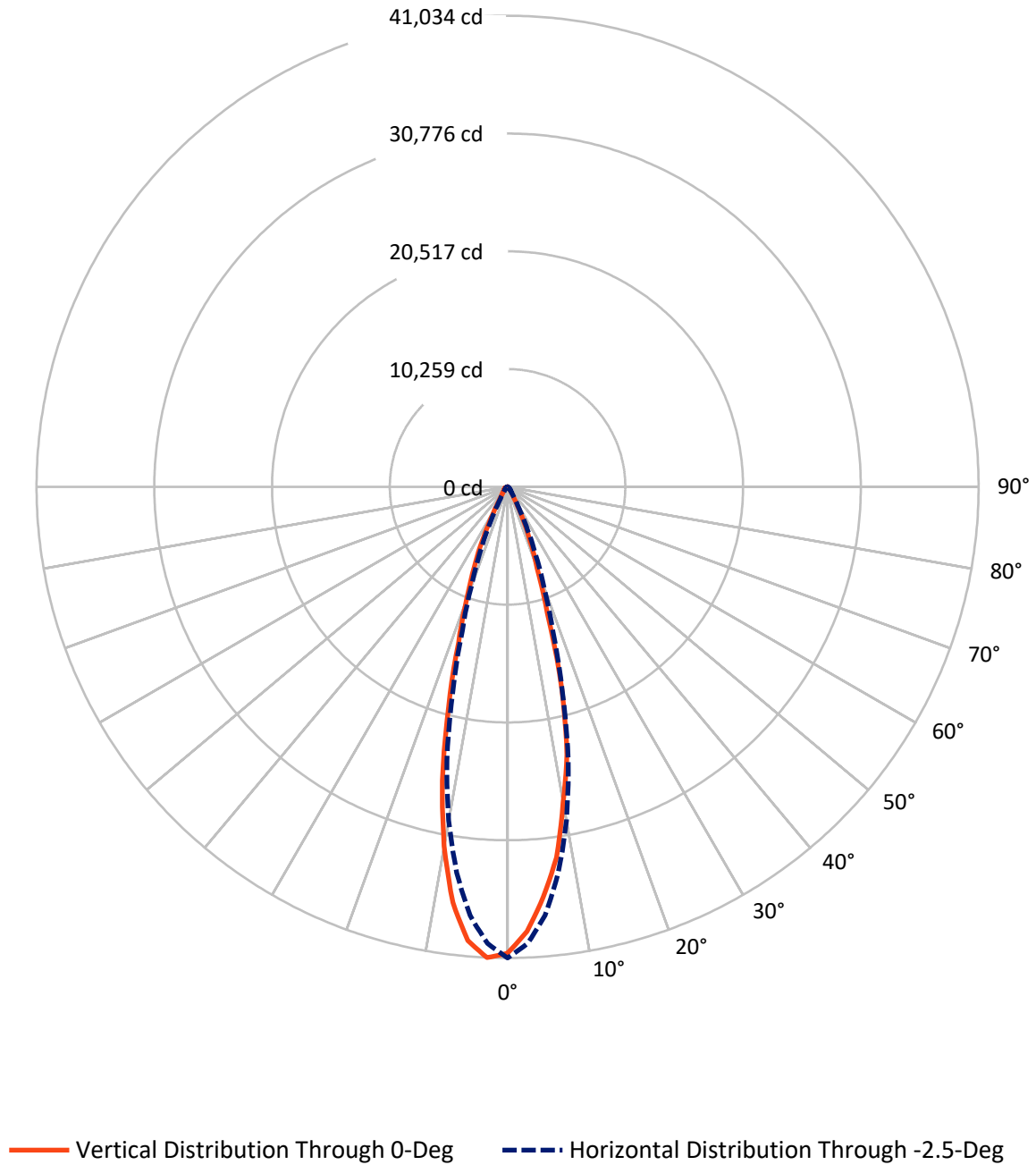
CATALOG NUMBER: GFLD-SA2C-750-U-MR-VSR-XX

### Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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		0.0	0.1	0.3	0.8	1.3	1.8	2.2	2.2	1.8	1.3	0.8	0.3	0.1		0.0			
40	0.0	0.1	0.4	1.3	2.4	3.8	5.3	6.2	6.2	5.3	3.8	2.4	1.3	0.4	0.1	0.0			
30		0.2	1.0	2.5	4.6	7.5	12.6	16.7	16.7	12.6	7.5	4.6	2.5	1.0	0.2				
20	0.1	0.4	1.6	3.8	7.2	17.6	55.2	101.3	101.3	55.2	17.6	7.2	3.8	1.6	0.4	0.1			
10		0.6	2.2	5.2	12.4	60.6	246.5	482.6	482.6	246.5	60.6	12.4	5.2	2.2	0.6				
0	0.2	0.7	2.6	6.2	17.8	115.5	497.7	975.4	975.4	497.7	115.5	17.8	6.2	2.6	0.7	0.2			
-10		0.8	2.9	6.5	19.0	121.0	510.6	1034.3	1034.3	510.6	121.0	19.0	6.5	2.9	0.8				
-20	0.2	0.9	2.9	6.3	15.6	74.3	282.4	547.4	547.4	282.4	74.3	15.6	6.3	2.9	0.9	0.2			
-30		0.9	2.8	5.8	11.4	28.9	87.4	156.0	156.0	87.4	28.9	11.4	5.8	2.8	0.9				
-40	0.2	0.8	2.5	5.0	8.7	14.2	23.3	31.1	31.1	23.3	14.2	8.7	5.0	2.5	0.8	0.2			
-50		0.6	2.1	4.2	6.9	9.8	12.9	14.5	14.5	12.9	9.8	6.9	4.2	2.1	0.6				
-60	0.1	0.5	1.5	3.2	5.4	7.5	9.3	10.1	10.1	9.3	7.5	5.4	3.2	1.5	0.5	0.1			
-70		0.3	1.0	2.1	3.6	5.1	6.4	7.0	7.0	6.4	5.1	3.6	2.1	1.0	0.3				
-80	0.0	0.8	3.4	7.4	9.4	7.4	3.4	0.8	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

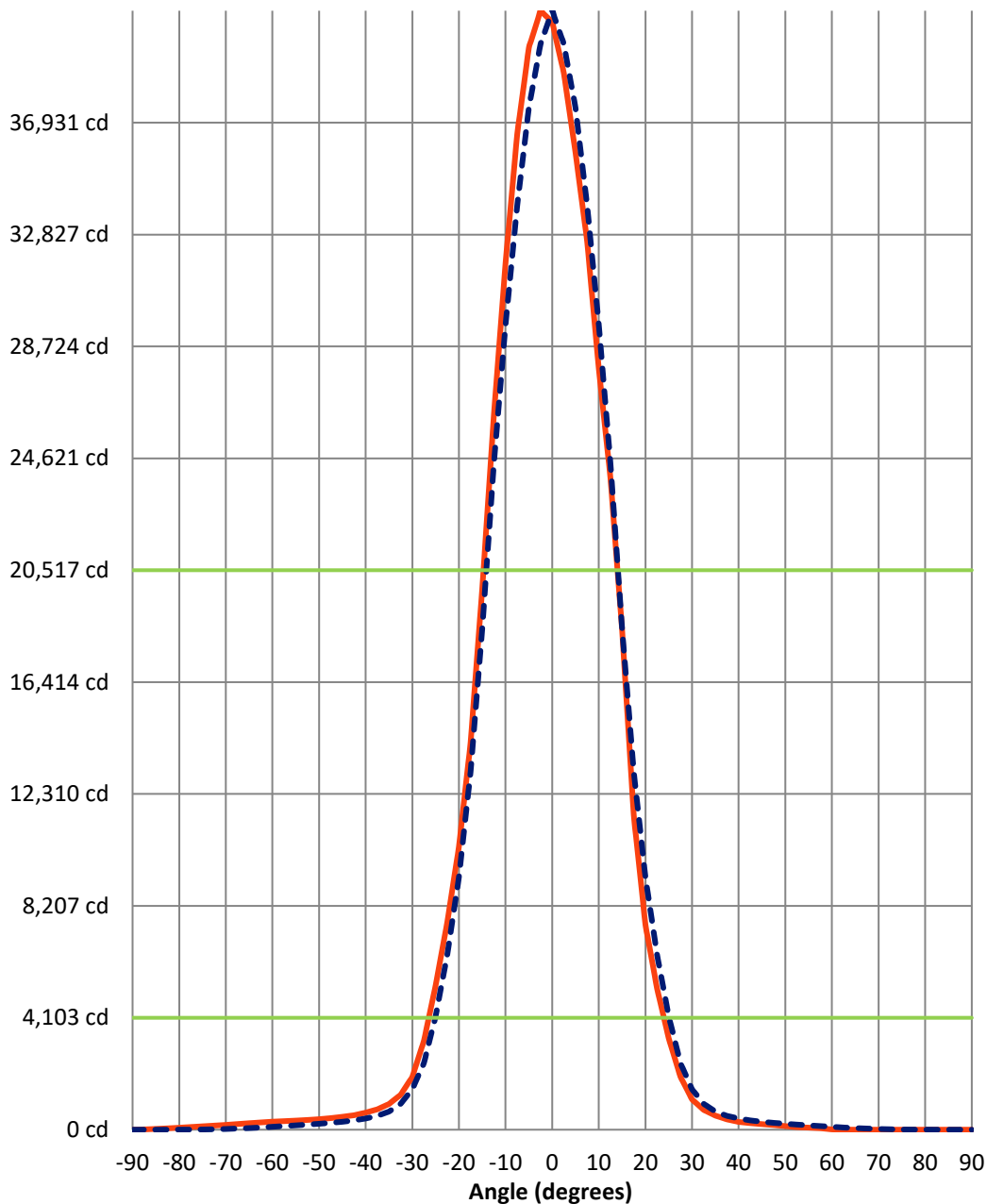
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 5819.2  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 9999.4  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 1638.8  
 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	0
60°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	0	1	1
55°	0	0	0	0	0	0	0	0	1	2	1
52.5°	0	0	0	0	0	0	0	1	2	2	1
50°	0	0	0	0	0	0	1	1	2	2	2
47.5°	0	0	0	0	0	1	1	2	3	2	2
45°	0	0	0	0	0	1	1	2	3	2	3
42.5°	0	0	0	0	0	1	2	3	3	3	4
40°	0	0	0	0	0	1	2	3	3	3	6
37.5°	0	0	0	0	0	2	2	3	3	4	8
35°	0	0	0	0	1	2	2	3	4	6	11
32.5°	0	0	0	0	1	2	3	3	5	9	14
30°	0	0	0	0	1	2	3	3	6	11	17
27.5°	0	0	0	0	1	2	3	4	7	13	21
25°	0	0	0	0	2	3	3	4	9	16	24
22.5°	0	0	0	0	2	3	3	5	11	18	29
20°	0	0	0	0	2	3	3	6	13	21	33
17.5°	0	0	0	0	2	3	3	8	14	24	37
15°	0	0	0	0	2	3	3	9	16	27	41
12.5°	0	0	0	0	2	3	3	10	17	30	44
10°	0	0	0	0	2	3	4	11	19	33	47
7.5°	0	0	0	0	3	3	4	12	20	35	50
5°	0	0	0	0	3	3	4	14	21	38	53
2.5°	0	0	0	0	3	3	5	15	22	40	55
0°	0	0	0	0	3	3	5	15	23	41	57
-2.5°	0	0	0	0	3	3	6	16	26	43	58
-5°	0	0	0	0	3	3	7	16	28	44	60
-7.5°	0	0	0	0	3	3	8	16	29	45	61
-10°	0	0	0	1	2	4	9	16	31	46	62
-12.5°	0	0	0	1	2	4	9	16	32	46	63
-15°	0	0	0	1	2	4	10	17	32	47	64
-17.5°	0	0	0	1	2	4	10	17	31	47	65
-20°	0	0	0	1	2	4	10	18	31	47	65

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CATALOG NUMBER: GFLD-SA2C-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	1	2	4	11	19	30	47	64
-25°	0	0	0	1	2	4	11	19	29	46	62
-27.5°	0	0	0	1	3	5	11	19	29	44	61
-30°	0	0	0	1	3	5	11	19	28	43	59
-32.5°	0	0	0	1	3	5	10	19	28	41	56
-35°	0	0	0	1	3	5	11	19	28	40	53
-37.5°	0	0	0	1	3	5	11	18	27	38	52
-40°	0	0	0	1	3	6	10	18	26	37	51
-42.5°	0	0	0	1	3	6	10	17	25	36	49
-45°	0	0	0	0	3	6	10	16	24	34	47
-47.5°	0	0	0	0	3	6	9	16	23	32	44
-50°	0	0	0	0	3	5	9	15	22	30	41
-52.5°	0	0	0	0	3	5	8	14	21	28	38
-55°	0	0	0	1	2	5	8	12	19	26	35
-57.5°	0	0	0	1	2	5	7	11	17	24	32
-60°	0	0	0	1	2	4	7	10	15	22	29
-62.5°	0	0	0	1	2	4	6	9	14	19	26
-65°	0	0	0	1	2	4	6	8	12	17	22
-67.5°	0	0	0	1	2	3	5	8	11	15	20
-70°	0	0	0	1	2	3	5	7	9	13	17
-72.5°	0	0	0	1	1	3	4	6	8	11	14
-75°	0	0	0	0	1	2	4	5	6	9	11
-77.5°	0	0	0	0	1	2	3	4	5	7	8
-80°	0	0	0	0	1	2	3	3	4	5	6
-82.5°	0	0	0	0	1	1	2	2	3	3	4
-85°	0	0	0	0	0	1	1	2	2	2	2
-87.5°	0	0	0	0	0	0	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0



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**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	0	1	0	1	1
60°	0	0	0	1	1	1	2	2	2	2	5
57.5°	0	1	1	1	2	3	4	5	8	12	14
55°	1	2	2	2	4	6	8	13	17	23	27
52.5°	2	3	2	4	8	11	16	23	29	34	39
50°	2	3	3	8	13	19	27	35	41	46	53
47.5°	3	4	8	13	20	29	39	46	52	61	72
45°	5	7	13	20	28	41	50	57	67	78	89
42.5°	7	12	18	26	40	51	60	70	81	93	105
40°	10	15	25	36	51	62	73	84	95	109	122
37.5°	13	21	32	46	60	73	86	98	112	127	142
35°	16	27	40	55	70	85	99	114	130	147	164
32.5°	21	33	48	64	80	96	112	131	148	166	187
30°	26	40	55	72	89	107	127	147	165	185	207
27.5°	32	46	62	80	98	117	141	161	181	203	227
25°	38	52	69	87	107	129	154	175	196	220	248
22.5°	43	58	77	94	115	141	167	190	214	237	271
20°	48	65	85	103	124	152	179	206	233	263	300
17.5°	53	71	92	112	135	163	192	222	252	289	335
15°	58	77	99	121	146	174	205	237	272	315	368
12.5°	62	82	106	129	155	185	216	250	290	342	408
10°	66	87	112	137	163	194	226	261	304	360	437
7.5°	69	92	118	143	170	202	234	270	316	375	461
5°	73	96	123	148	176	208	241	278	325	387	480
2.5°	75	100	126	152	180	212	245	283	332	399	494
0°	77	103	129	155	183	214	248	287	336	408	504
-2.5°	80	107	132	158	187	217	251	290	340	411	506
-5°	82	109	134	161	189	219	252	291	343	411	507
-7.5°	83	111	136	162	191	221	254	292	344	411	507
-10°	84	112	137	164	193	222	254	292	342	406	499
-12.5°	86	113	138	165	193	222	253	290	337	398	483
-15°	87	113	138	164	193	222	251	285	330	388	462
-17.5°	87	113	138	163	192	221	248	281	322	377	447
-20°	87	112	136	161	189	218	245	277	316	364	427

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CATALOG NUMBER: GFLD-SA2C-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°	86	111	134	158	186	214	242	272	307	349	405
-25°	85	110	133	156	182	209	237	264	299	338	385
-27.5°	83	108	130	153	178	203	230	258	289	325	366
-30°	80	104	127	150	173	198	223	250	278	311	349
-32.5°	76	101	123	145	169	192	215	241	268	297	331
-35°	73	96	118	140	163	186	207	230	257	284	312
-37.5°	70	92	114	134	156	179	199	220	244	271	297
-40°	68	87	108	128	148	171	191	210	232	257	282
-42.5°	65	83	103	122	142	162	182	201	221	244	268
-45°	62	79	97	116	135	153	172	192	212	232	254
-47.5°	59	75	92	109	128	146	163	182	202	221	241
-50°	55	70	86	102	120	138	155	171	190	209	228
-52.5°	50	65	80	95	111	128	146	163	178	195	213
-55°	45	59	73	87	101	117	134	151	168	183	199
-57.5°	41	53	66	79	92	106	122	138	154	170	185
-60°	37	46	58	71	84	97	110	125	140	155	169
-62.5°	33	41	51	62	74	87	99	112	126	138	151
-65°	29	36	44	53	64	75	87	99	111	121	131
-67.5°	25	31	37	45	54	63	73	83	95	104	113
-70°	21	25	31	37	45	52	61	69	78	86	95
-72.5°	18	22	26	30	36	43	50	56	63	71	78
-75°	14	17	21	24	29	34	40	46	52	58	63
-77.5°	11	14	17	19	22	27	31	36	41	45	50
-80°	8	10	13	15	17	20	23	26	29	33	37
-82.5°	5	7	9	11	12	13	15	17	19	22	25
-85°	3	4	5	6	7	8	9	9	11	13	14
-87.5°	1	2	2	3	3	3	4	4	4	5	6
-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	1	1	0	0	0
62.5°	1	1	2	3	3	3	3	4	4	4	3
60°	7	6	10	12	11	9	13	15	14	12	12
57.5°	18	23	26	27	31	36	38	37	38	39	44
55°	32	35	38	43	48	53	57	60	63	66	70
52.5°	43	49	53	59	66	70	72	79	85	90	93
50°	61	68	74	82	88	94	100	107	115	124	130
47.5°	81	89	97	108	115	121	128	138	149	160	166
45°	99	108	119	129	137	146	156	168	180	190	198
42.5°	115	125	137	148	156	169	183	195	210	223	233
40°	133	143	160	172	182	196	216	235	252	268	279
37.5°	156	173	191	205	219	236	264	292	314	336	352
35°	182	203	225	241	262	293	329	367	406	436	464
32.5°	207	230	253	278	310	355	399	461	518	576	631
30°	230	256	284	316	367	429	502	596	698	800	916
27.5°	254	282	315	367	444	529	662	811	1022	1192	1467
25°	280	312	357	440	546	696	928	1193	1631	2004	2426
22.5°	312	360	425	528	705	975	1337	1914	2585	3209	3804
20°	350	416	526	691	945	1360	2046	2921	3855	4768	5651
17.5°	402	507	664	898	1258	2131	3152	4402	6002	7203	8343
15°	449	581	819	1198	1876	3000	4426	6340	8494	10305	12353
12.5°	504	664	951	1442	2412	3897	5715	7998	10547	13295	16504
10°	552	749	1118	1794	2970	4699	6737	9416	12690	16579	20634
7.5°	590	821	1258	2058	3441	5357	7788	11046	15192	19738	24363
5°	619	875	1367	2265	3841	5891	8555	12336	17062	22280	26879
2.5°	641	914	1440	2393	4112	6256	9079	13021	18206	23939	28768
0°	659	938	1480	2483	4237	6428	9322	13298	18742	24752	29718
-2.5°	665	950	1482	2452	4161	6418	9265	13128	18372	24429	29516
-5°	667	944	1445	2387	4025	6187	8894	12483	17243	22924	28079
-7.5°	662	919	1369	2227	3721	5781	8376	11527	15428	20437	25765
-10°	644	875	1267	2010	3302	5147	7570	10231	13348	17437	21755
-12.5°	612	809	1125	1685	2808	4429	6575	8928	11356	14044	17595
-15°	574	741	1009	1488	2351	3675	5413	7400	9416	11474	13640
-17.5°	544	683	891	1225	1805	2876	4265	5862	7498	9132	10591
-20°	507	613	775	1035	1457	2090	3135	4378	5599	6932	8050

Classified

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

Scaled Data Report



REPORT NUMBER: P626934 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	474	564	685	849	1133	1578	2174	3049	3977	4945	5863
-25°	442	510	607	738	908	1173	1566	2024	2675	3271	3952
-27.5°	416	473	538	636	764	909	1151	1418	1759	2043	2498
-30°	390	436	490	552	647	757	887	1049	1216	1384	1602
-32.5°	367	405	447	498	556	639	719	823	915	1015	1119
-35°	343	377	412	452	497	551	612	681	742	802	857
-37.5°	323	351	382	414	449	487	535	583	624	664	698
-40°	306	330	355	381	410	441	478	513	541	567	588
-42.5°	291	311	331	354	377	406	434	462	481	498	512
-45°	276	294	312	330	350	374	399	420	435	449	459
-47.5°	260	276	293	310	328	348	368	384	397	408	416
-50°	245	261	276	289	306	324	341	354	366	376	381
-52.5°	230	245	260	274	288	302	315	328	340	350	354
-55°	215	230	244	257	270	283	295	306	317	327	330
-57.5°	201	216	230	241	252	264	276	286	297	306	309
-60°	184	200	212	223	234	245	255	265	275	283	287
-62.5°	165	179	190	200	210	220	229	238	247	254	258
-65°	142	154	165	175	184	193	201	209	217	222	226
-67.5°	122	131	140	149	158	167	174	182	188	193	196
-70°	103	111	119	127	135	143	150	156	162	166	170
-72.5°	85	92	100	107	114	121	127	132	137	141	144
-75°	69	75	82	88	94	99	104	109	113	116	119
-77.5°	55	60	64	69	74	78	82	85	89	91	94
-80°	41	44	48	52	55	58	61	64	66	69	71
-82.5°	28	30	33	36	39	40	42	43	45	46	48
-85°	16	18	19	21	23	24	25	26	27	28	29
-87.5°	6	7	8	9	9	10	10	10	10	11	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626934 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	3	3	3	3	3	3	3	3	4	4	4
60°	11	10	10	10	10	10	11	12	12	14	15
57.5°	48	52	54	54	54	52	48	44	39	38	37
55°	73	76	76	75	76	76	73	70	66	63	60
52.5°	95	95	94	93	94	95	95	93	90	85	79
50°	131	131	131	132	131	131	131	130	124	115	107
47.5°	169	171	171	171	171	171	169	166	160	149	138
45°	202	204	205	204	205	204	202	198	190	180	168
42.5°	237	239	239	240	239	239	237	233	223	210	195
40°	284	285	285	284	285	285	284	279	268	252	235
37.5°	362	368	371	377	371	368	362	352	336	314	292
35°	485	499	506	517	506	499	485	464	436	406	367
32.5°	670	697	712	726	712	697	670	631	576	518	461
30°	997	1050	1071	1111	1071	1050	997	916	800	698	596
27.5°	1668	1794	1844	1948	1844	1794	1668	1467	1192	1022	811
25°	2810	3082	3232	3351	3232	3082	2810	2426	2004	1631	1193
22.5°	4405	4804	5018	5175	5018	4804	4405	3804	3209	2585	1914
20°	6452	6979	7293	7521	7293	6979	6452	5651	4768	3855	2921
17.5°	9805	10633	11118	11534	11118	10633	9805	8343	7203	6002	4402
15°	14638	16302	17596	18316	17596	16302	14638	12353	10305	8494	6340
12.5°	19340	21777	23225	23891	23225	21777	19340	16504	13295	10547	7998
10°	23990	26288	27666	27909	27666	26288	23990	20634	16579	12690	9416
7.5°	27550	30077	31908	32573	31908	30077	27550	24363	19738	15192	11046
5°	30694	33653	35590	35836	35590	33653	30694	26879	22280	17062	12336
2.5°	33007	36223	38102	38748	38102	36223	33007	28768	23939	18206	13021
0°	34125	37590	39680	40621	39680	37590	34125	29718	24752	18742	13298
-2.5°	33890	37474	39807	41034	39807	37474	33890	29516	24429	18372	13128
-5°	32601	36195	38371	39675	38371	36195	32601	28079	22924	17243	12483
-7.5°	29630	32991	35307	36510	35307	32991	29630	25765	20437	15428	11527
-10°	25801	28645	30756	31782	30756	28645	25801	21755	17437	13348	10231
-12.5°	20825	23584	25489	26214	25489	23584	20825	17595	14044	11356	8928
-15°	15956	18062	19414	19843	19414	18062	15956	13640	11474	9416	7400
-17.5°	12100	13234	13995	14200	13995	13234	12100	10591	9132	7498	5862
-20°	9065	9768	10262	10379	10262	9768	9065	8050	6932	5599	4378

Classified

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

Scaled Data Report



REPORT NUMBER: P626934 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	6605	7133	7532	7612	7532	7133	6605	5863	4945	3977	3049
-25°	4556	4998	5268	5289	5268	4998	4556	3952	3271	2675	2024
-27.5°	2856	3099	3224	3268	3224	3099	2856	2498	2043	1759	1418
-30°	1765	1877	1936	1938	1936	1877	1765	1602	1384	1216	1049
-32.5°	1198	1252	1282	1282	1282	1252	1198	1119	1015	915	823
-35°	898	926	941	943	941	926	898	857	802	742	681
-37.5°	722	737	745	747	745	737	722	698	664	624	583
-40°	604	614	621	625	621	614	604	588	567	541	513
-42.5°	522	529	532	530	532	529	522	512	498	481	462
-45°	465	469	472	473	472	469	465	459	449	435	420
-47.5°	420	422	423	424	423	422	420	416	408	397	384
-50°	384	386	386	385	386	386	384	381	376	366	354
-52.5°	355	356	356	357	356	356	355	354	350	340	328
-55°	332	332	333	333	333	332	332	330	327	317	306
-57.5°	312	314	314	313	314	314	312	309	306	297	286
-60°	290	293	294	295	294	293	290	287	283	275	265
-62.5°	262	264	266	266	266	264	262	258	254	247	238
-65°	229	231	235	238	235	231	229	226	222	217	209
-67.5°	199	200	204	207	204	200	199	196	193	188	182
-70°	172	175	175	176	175	175	172	170	166	162	156
-72.5°	147	149	150	150	150	149	147	144	141	137	132
-75°	121	123	124	124	124	123	121	119	116	113	109
-77.5°	96	98	98	98	98	98	96	94	91	89	85
-80°	73	75	74	72	74	75	73	71	69	66	64
-82.5°	50	51	50	49	50	51	50	48	46	45	43
-85°	30	31	30	28	30	31	30	29	28	27	26
-87.5°	12	13	12	10	12	13	12	11	11	10	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626934 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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	0	0	0	0	0	0	0	0	0	0
62.5°	3	3	3	3	2	1	1	1	1	0	1
60°	13	9	11	12	10	6	7	5	2	2	2
57.5°	38	36	31	27	26	23	18	14	12	8	5
55°	57	53	48	43	38	35	32	27	23	17	13
52.5°	72	70	66	59	53	49	43	39	34	29	23
50°	100	94	88	82	74	68	61	53	46	41	35
47.5°	128	121	115	108	97	89	81	72	61	52	46
45°	156	146	137	129	119	108	99	89	78	67	57
42.5°	183	169	156	148	137	125	115	105	93	81	70
40°	216	196	182	172	160	143	133	122	109	95	84
37.5°	264	236	219	205	191	173	156	142	127	112	98
35°	329	293	262	241	225	203	182	164	147	130	114
32.5°	399	355	310	278	253	230	207	187	166	148	131
30°	502	429	367	316	284	256	230	207	185	165	147
27.5°	662	529	444	367	315	282	254	227	203	181	161
25°	928	696	546	440	357	312	280	248	220	196	175
22.5°	1337	975	705	528	425	360	312	271	237	214	190
20°	2046	1360	945	691	526	416	350	300	263	233	206
17.5°	3152	2131	1258	898	664	507	402	335	289	252	222
15°	4426	3000	1876	1198	819	581	449	368	315	272	237
12.5°	5715	3897	2412	1442	951	664	504	408	342	290	250
10°	6737	4699	2970	1794	1118	749	552	437	360	304	261
7.5°	7788	5357	3441	2058	1258	821	590	461	375	316	270
5°	8555	5891	3841	2265	1367	875	619	480	387	325	278
2.5°	9079	6256	4112	2393	1440	914	641	494	399	332	283
0°	9322	6428	4237	2483	1480	938	659	504	408	336	287
-2.5°	9265	6418	4161	2452	1482	950	665	506	411	340	290
-5°	8894	6187	4025	2387	1445	944	667	507	411	343	291
-7.5°	8376	5781	3721	2227	1369	919	662	507	411	344	292
-10°	7570	5147	3302	2010	1267	875	644	499	406	342	292
-12.5°	6575	4429	2808	1685	1125	809	612	483	398	337	290
-15°	5413	3675	2351	1488	1009	741	574	462	388	330	285
-17.5°	4265	2876	1805	1225	891	683	544	447	377	322	281
-20°	3135	2090	1457	1035	775	613	507	427	364	316	277

Classified

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

Scaled Data Report



REPORT NUMBER: P626934 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	2174	1578	1133	849	685	564	474	405	349	307	272
-25°	1566	1173	908	738	607	510	442	385	338	299	264
-27.5°	1151	909	764	636	538	473	416	366	325	289	258
-30°	887	757	647	552	490	436	390	349	311	278	250
-32.5°	719	639	556	498	447	405	367	331	297	268	241
-35°	612	551	497	452	412	377	343	312	284	257	230
-37.5°	535	487	449	414	382	351	323	297	271	244	220
-40°	478	441	410	381	355	330	306	282	257	232	210
-42.5°	434	406	377	354	331	311	291	268	244	221	201
-45°	399	374	350	330	312	294	276	254	232	212	192
-47.5°	368	348	328	310	293	276	260	241	221	202	182
-50°	341	324	306	289	276	261	245	228	209	190	171
-52.5°	315	302	288	274	260	245	230	213	195	178	163
-55°	295	283	270	257	244	230	215	199	183	168	151
-57.5°	276	264	252	241	230	216	201	185	170	154	138
-60°	255	245	234	223	212	200	184	169	155	140	125
-62.5°	229	220	210	200	190	179	165	151	138	126	112
-65°	201	193	184	175	165	154	142	131	121	111	99
-67.5°	174	167	158	149	140	131	122	113	104	95	83
-70°	150	143	135	127	119	111	103	95	86	78	69
-72.5°	127	121	114	107	100	92	85	78	71	63	56
-75°	104	99	94	88	82	75	69	63	58	52	46
-77.5°	82	78	74	69	64	60	55	50	45	41	36
-80°	61	58	55	52	48	44	41	37	33	29	26
-82.5°	42	40	39	36	33	30	28	25	22	19	17
-85°	25	24	23	21	19	18	16	14	13	11	9
-87.5°	10	10	9	9	8	7	6	6	5	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



Classified

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

Scaled Data Report



REPORT NUMBER: P626934 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	0	0	0	0	0	0	0	0	0	0	0
60°	2	1	1	1	0	0	0	1	1	0	0
57.5°	4	3	2	1	1	1	0	1	1	0	0
55°	8	6	4	2	2	2	1	1	2	1	0
52.5°	16	11	8	4	2	3	2	1	2	2	1
50°	27	19	13	8	3	3	2	2	2	2	1
47.5°	39	29	20	13	8	4	3	2	2	3	2
45°	50	41	28	20	13	7	5	3	2	3	2
42.5°	60	51	40	26	18	12	7	4	3	3	3
40°	73	62	51	36	25	15	10	6	3	3	3
37.5°	86	73	60	46	32	21	13	8	4	3	3
35°	99	85	70	55	40	27	16	11	6	4	3
32.5°	112	96	80	64	48	33	21	14	9	5	3
30°	127	107	89	72	55	40	26	17	11	6	3
27.5°	141	117	98	80	62	46	32	21	13	7	4
25°	154	129	107	87	69	52	38	24	16	9	4
22.5°	167	141	115	94	77	58	43	29	18	11	5
20°	179	152	124	103	85	65	48	33	21	13	6
17.5°	192	163	135	112	92	71	53	37	24	14	8
15°	205	174	146	121	99	77	58	41	27	16	9
12.5°	216	185	155	129	106	82	62	44	30	17	10
10°	226	194	163	137	112	87	66	47	33	19	11
7.5°	234	202	170	143	118	92	69	50	35	20	12
5°	241	208	176	148	123	96	73	53	38	21	14
2.5°	245	212	180	152	126	100	75	55	40	22	15
0°	248	214	183	155	129	103	77	57	41	23	15
-2.5°	251	217	187	158	132	107	80	58	43	26	16
-5°	252	219	189	161	134	109	82	60	44	28	16
-7.5°	254	221	191	162	136	111	83	61	45	29	16
-10°	254	222	193	164	137	112	84	62	46	31	16
-12.5°	253	222	193	165	138	113	86	63	46	32	16
-15°	251	222	193	164	138	113	87	64	47	32	17
-17.5°	248	221	192	163	138	113	87	65	47	31	17
-20°	245	218	189	161	136	112	87	65	47	31	18

Classified

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

Scaled Data Report



REPORT NUMBER: P626934 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	242	214	186	158	134	111	86	64	47	30	19
-25°	237	209	182	156	133	110	85	62	46	29	19
-27.5°	230	203	178	153	130	108	83	61	44	29	19
-30°	223	198	173	150	127	104	80	59	43	28	19
-32.5°	215	192	169	145	123	101	76	56	41	28	19
-35°	207	186	163	140	118	96	73	53	40	28	19
-37.5°	199	179	156	134	114	92	70	52	38	27	18
-40°	191	171	148	128	108	87	68	51	37	26	18
-42.5°	182	162	142	122	103	83	65	49	36	25	17
-45°	172	153	135	116	97	79	62	47	34	24	16
-47.5°	163	146	128	109	92	75	59	44	32	23	16
-50°	155	138	120	102	86	70	55	41	30	22	15
-52.5°	146	128	111	95	80	65	50	38	28	21	14
-55°	134	117	101	87	73	59	45	35	26	19	12
-57.5°	122	106	92	79	66	53	41	32	24	17	11
-60°	110	97	84	71	58	46	37	29	22	15	10
-62.5°	99	87	74	62	51	41	33	26	19	14	9
-65°	87	75	64	53	44	36	29	22	17	12	8
-67.5°	73	63	54	45	37	31	25	20	15	11	8
-70°	61	52	45	37	31	25	21	17	13	9	7
-72.5°	50	43	36	30	26	22	18	14	11	8	6
-75°	40	34	29	24	21	17	14	11	9	6	5
-77.5°	31	27	22	19	17	14	11	8	7	5	4
-80°	23	20	17	15	13	10	8	6	5	4	3
-82.5°	15	13	12	11	9	7	5	4	3	3	2
-85°	9	8	7	6	5	4	3	2	2	2	2
-87.5°	4	3	3	3	2	2	1	1	1	1	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: P626934 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	1	1	0	0	0	0	0
45°	1	1	0	0	0	0	0
42.5°	2	1	0	0	0	0	0
40°	2	1	0	0	0	0	0
37.5°	2	2	0	0	0	0	0
35°	2	2	1	0	0	0	0
32.5°	3	2	1	0	0	0	0
30°	3	2	1	0	0	0	0
27.5°	3	2	1	0	0	0	0
25°	3	3	2	0	0	0	0
22.5°	3	3	2	0	0	0	0
20°	3	3	2	0	0	0	0
17.5°	3	3	2	0	0	0	0
15°	3	3	2	0	0	0	0
12.5°	3	3	2	0	0	0	0
10°	4	3	2	0	0	0	0
7.5°	4	3	3	0	0	0	0
5°	4	3	3	0	0	0	0
2.5°	5	3	3	0	0	0	0
0°	5	3	3	0	0	0	0
-2.5°	6	3	3	0	0	0	0
-5°	7	3	3	0	0	0	0
-7.5°	8	3	3	0	0	0	0
-10°	9	4	2	1	0	0	0
-12.5°	9	4	2	1	0	0	0
-15°	10	4	2	1	0	0	0
-17.5°	10	4	2	1	0	0	0
-20°	10	4	2	1	0	0	0

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CATALOG NUMBER: GFLD-SA2C-750-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)