

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: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626824 (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-SA2B-722-U-MR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (32) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6755.2 lumens  
Efficiency: N/A  
Efficacy: 106.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 23817.4 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 3377.6 lumens  
Beam Efficiency: 50.0%

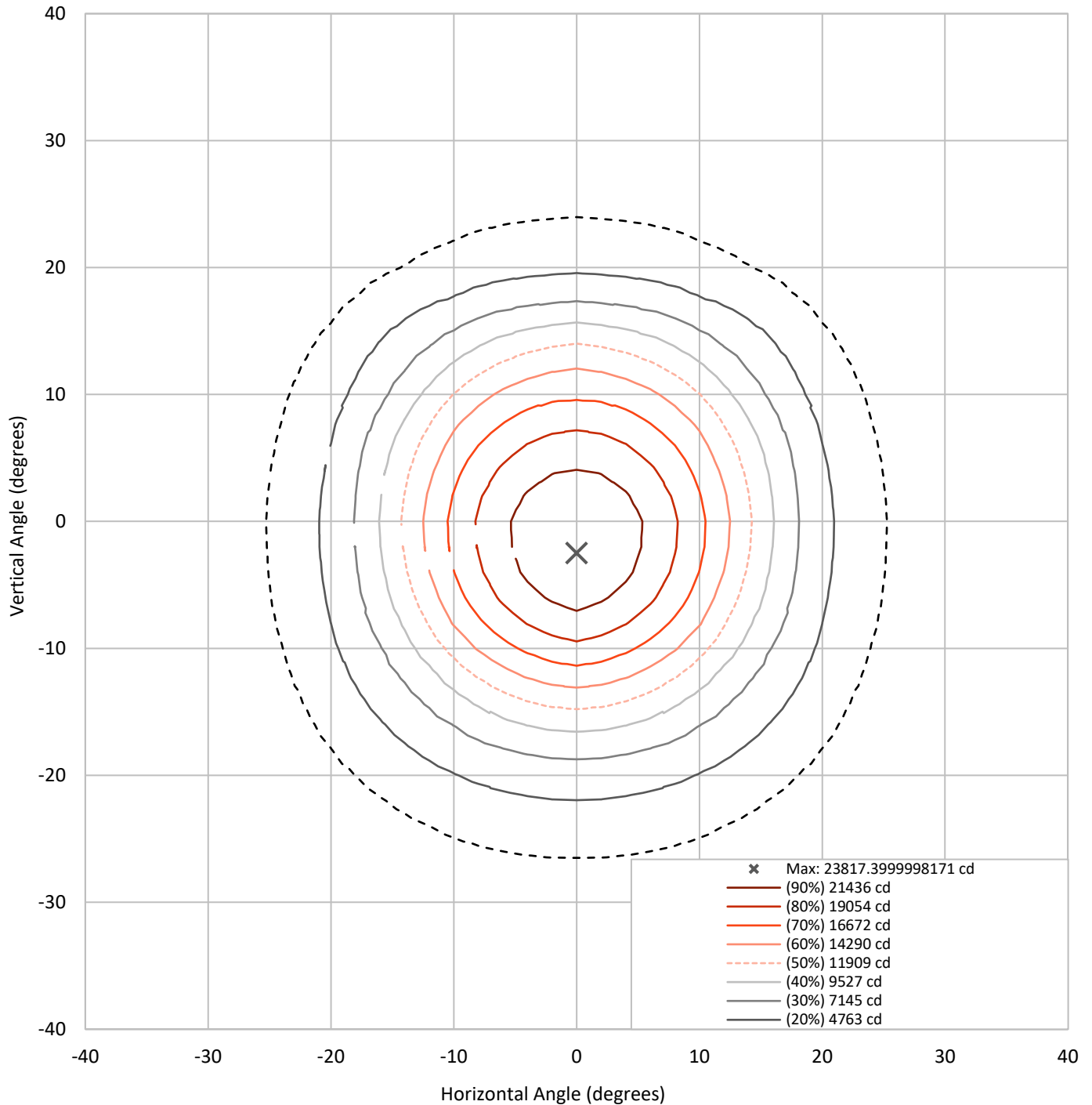
Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 5803.9 lumens  
Field Efficiency: 85.9%

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: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-722-U-MR-VSR-XX

### Iso-Candela Plot





REPORT NUMBER: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)

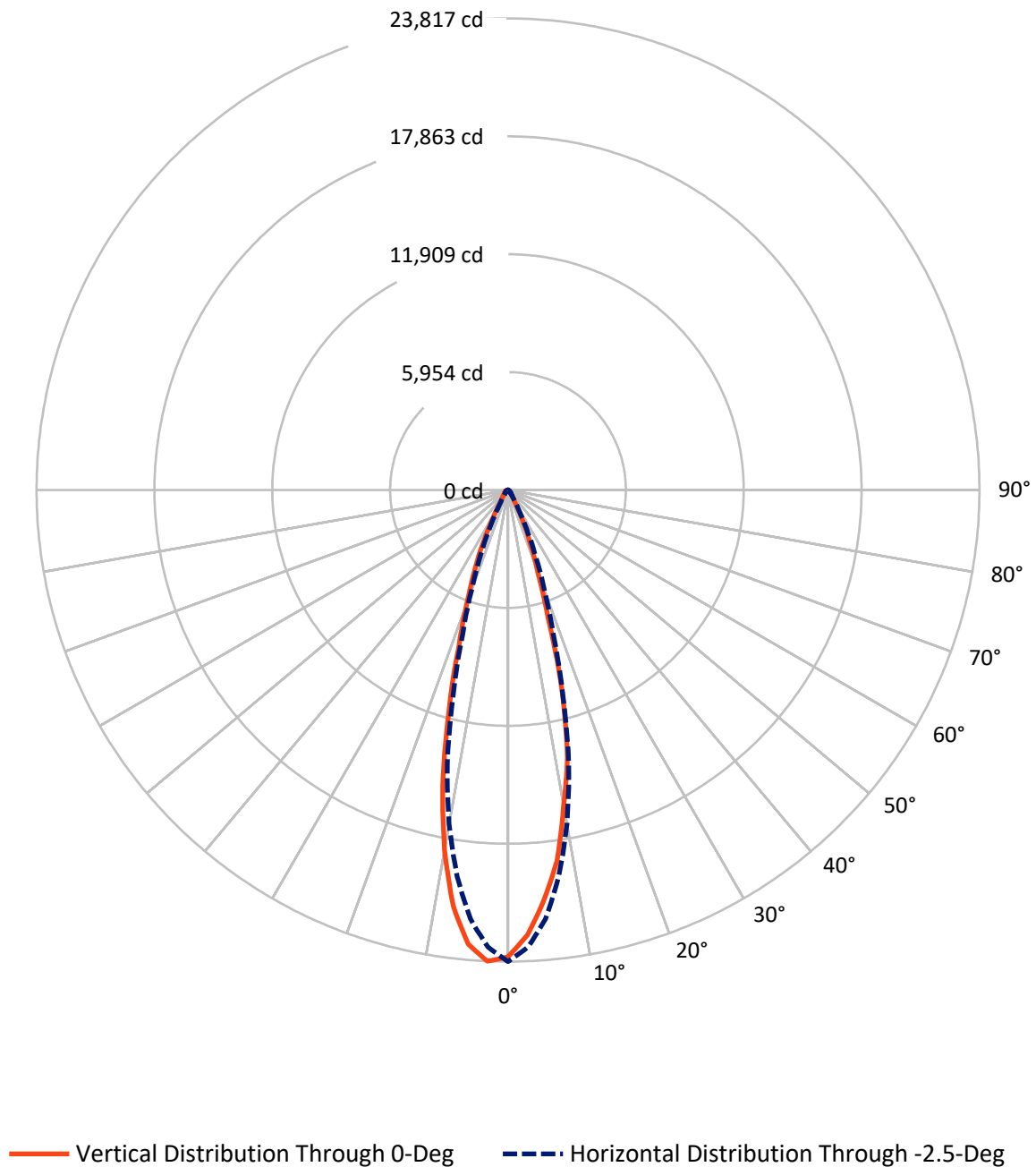
CATALOG NUMBER: GFLD-SA2B-722-U-MR-VSR-XX

### Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0			
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	0.0			
50		0.0	0.0	0.2	0.5	0.8	1.1	1.3	1.3	1.1	0.8	0.5	0.2	0.0	0.0				
40	0.0	0.0	0.2	0.7	1.4	2.2	3.1	3.6	3.6	3.1	2.2	1.4	0.7	0.2	0.0	0.0			
30		0.1	0.6	1.4	2.7	4.4	7.3	9.7	9.7	7.3	4.4	2.7	1.4	0.6	0.1				
20	0.0	0.2	0.9	2.2	4.2	10.2	32.1	58.8	58.8	32.1	10.2	4.2	2.2	0.9	0.2	0.0			
10		0.3	1.3	3.0	7.2	35.2	143.1	280.1	280.1	143.1	35.2	7.2	3.0	1.3	0.3				
0	0.1	0.4	1.5	3.6	10.3	67.1	288.9	566.2	566.2	288.9	67.1	10.3	3.6	1.5	0.4	0.1			
-10		0.5	1.7	3.8	11.0	70.3	296.4	600.4	600.4	296.4	70.3	11.0	3.8	1.7	0.5				
-20	0.1	0.5	1.7	3.7	9.1	43.1	163.9	317.7	317.7	163.9	43.1	9.1	3.7	1.7	0.5	0.1			
-30		0.5	1.6	3.4	6.6	16.8	50.8	90.6	90.6	50.8	16.8	6.6	3.4	1.6	0.5				
-40	0.1	0.4	1.4	2.9	5.0	8.3	13.5	18.1	18.1	13.5	8.3	5.0	2.9	1.4	0.4	0.1			
-50		0.4	1.2	2.4	4.0	5.7	7.5	8.4	8.4	7.5	5.7	4.0	2.4	1.2	0.4				
-60	0.1	0.3	0.9	1.9	3.1	4.3	5.4	5.9	5.9	5.4	4.3	3.1	1.9	0.9	0.3	0.1			
-70		0.2	0.6	1.2	2.1	2.9	3.7	4.1	4.1	3.7	2.9	2.1	1.2	0.6	0.2				
-80	0.0	0.4		2.0		4.3		5.4		4.3		2.0		0.4		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

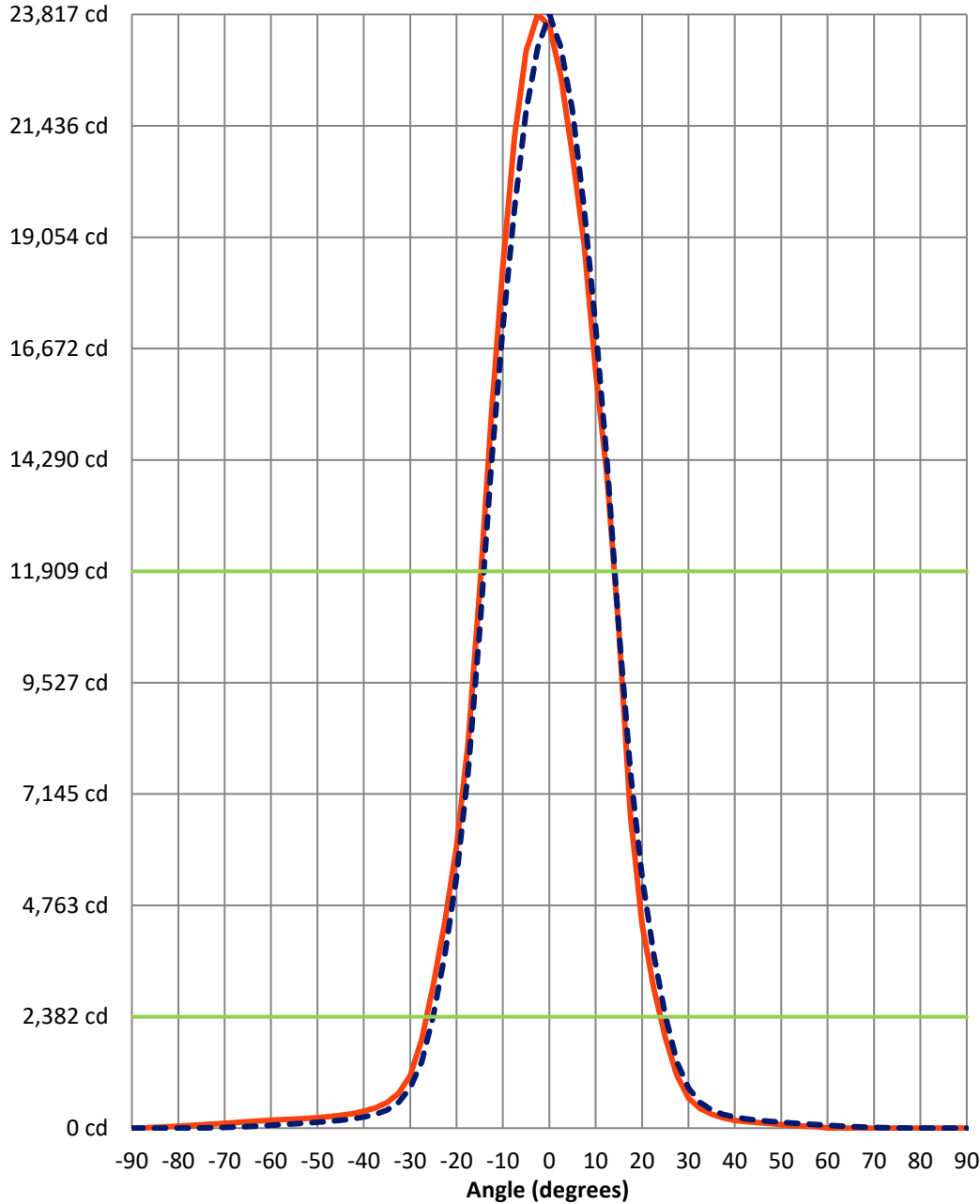
REPORT NUMBER: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-722-U-MR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-722-U-MR-VSR-XX

### Luminous Intensity Plot



**Beam:**  
H Angle: 28.2°  
V Angle: 28.7°  
Lumens: 3377.6  
Efficiency: 50.0%

**Field:**  
H Angle: 50.2°  
V Angle: 50.4°  
Lumens: 5803.9  
Efficiency: 85.9%

**Spill:**  
Lumens: 951.3  
Efficiency: 14.1%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through -2.5-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-MR-VSR-XX

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	0	0
57.5°	0	0	0	0	0	0	0	0	0	1	1
55°	0	0	0	0	0	0	0	0	1	1	1
52.5°	0	0	0	0	0	0	0	0	1	1	1
50°	0	0	0	0	0	0	0	1	1	1	1
47.5°	0	0	0	0	0	0	1	1	1	1	1
45°	0	0	0	0	0	0	1	1	2	1	1
42.5°	0	0	0	0	0	1	1	2	2	1	2
40°	0	0	0	0	0	1	1	2	2	2	4
37.5°	0	0	0	0	0	1	1	2	2	2	5
35°	0	0	0	0	0	1	1	2	2	4	6
32.5°	0	0	0	0	1	1	2	2	3	5	8
30°	0	0	0	0	1	1	2	2	3	6	10
27.5°	0	0	0	0	1	1	2	2	4	8	12
25°	0	0	0	0	1	1	2	3	5	9	14
22.5°	0	0	0	0	1	2	2	3	6	11	17
20°	0	0	0	0	1	2	2	4	7	12	19
17.5°	0	0	0	0	1	2	2	4	8	14	22
15°	0	0	0	0	1	2	2	5	9	16	24
12.5°	0	0	0	0	1	2	2	6	10	17	26
10°	0	0	0	0	1	2	2	7	11	19	27
7.5°	0	0	0	0	1	2	2	7	12	20	29
5°	0	0	0	0	1	2	3	8	12	22	31
2.5°	0	0	0	0	1	2	3	8	13	23	32
0°	0	0	0	0	2	2	3	9	13	24	33
-2.5°	0	0	0	0	1	2	4	9	15	25	34
-5°	0	0	0	0	1	2	4	9	16	26	35
-7.5°	0	0	0	0	1	2	5	9	17	26	35
-10°	0	0	0	0	1	2	5	9	18	27	36
-12.5°	0	0	0	0	1	2	5	10	18	27	36
-15°	0	0	0	1	1	2	6	10	18	27	37
-17.5°	0	0	0	1	1	2	6	10	18	27	38
-20°	0	0	0	1	1	2	6	10	18	27	37

Classified

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

Scaled Data Report



REPORT NUMBER: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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	1	2	6	11	18	27	37
-25°	0	0	0	1	1	3	6	11	17	26	36
-27.5°	0	0	0	1	1	3	6	11	17	26	35
-30°	0	0	0	1	2	3	6	11	16	25	34
-32.5°	0	0	0	1	2	3	6	11	16	24	33
-35°	0	0	0	1	2	3	6	11	16	23	31
-37.5°	0	0	0	1	2	3	6	11	16	22	30
-40°	0	0	0	0	2	3	6	10	15	21	29
-42.5°	0	0	0	0	2	3	6	10	15	21	28
-45°	0	0	0	0	2	3	6	9	14	20	27
-47.5°	0	0	0	0	2	3	5	9	14	19	26
-50°	0	0	0	0	2	3	5	9	13	18	24
-52.5°	0	0	0	0	2	3	5	8	12	17	22
-55°	0	0	0	0	1	3	5	7	11	15	20
-57.5°	0	0	0	0	1	3	4	7	10	14	18
-60°	0	0	0	0	1	2	4	6	9	12	17
-62.5°	0	0	0	0	1	2	4	5	8	11	15
-65°	0	0	0	0	1	2	3	5	7	10	13
-67.5°	0	0	0	0	1	2	3	4	6	9	11
-70°	0	0	0	0	1	2	3	4	5	7	10
-72.5°	0	0	0	0	1	2	3	3	5	6	8
-75°	0	0	0	0	1	1	2	3	4	5	7
-77.5°	0	0	0	0	1	1	2	2	3	4	5
-80°	0	0	0	0	1	1	2	2	2	3	4
-82.5°	0	0	0	0	0	1	1	1	2	2	2
-85°	0	0	0	0	0	0	1	1	1	1	1
-87.5°	0	0	0	0	0	0	0	0	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: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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	0	0	0	0	1
60°	0	0	0	0	0	1	1	1	1	1	3
57.5°	0	0	1	1	1	2	2	3	5	7	8
55°	0	1	1	1	2	4	5	7	10	13	16
52.5°	1	2	1	2	4	7	10	13	17	20	23
50°	1	2	2	5	7	11	16	20	24	27	31
47.5°	2	2	5	8	12	17	23	27	30	36	42
45°	3	4	7	11	17	24	29	33	39	45	51
42.5°	4	7	11	15	23	30	35	41	47	54	61
40°	6	9	14	21	29	36	42	49	55	64	71
37.5°	8	12	18	27	35	42	50	57	65	74	82
35°	9	16	23	32	41	49	57	66	76	85	95
32.5°	12	19	28	37	46	56	65	76	86	97	109
30°	15	23	32	42	52	62	74	85	96	108	120
27.5°	19	27	36	47	57	68	82	94	105	118	132
25°	22	30	40	51	62	75	90	102	114	128	144
22.5°	25	34	45	55	67	82	97	111	124	138	157
20°	28	38	49	60	72	88	104	120	135	153	174
17.5°	31	41	53	65	78	95	112	129	146	168	194
15°	33	45	57	70	85	101	119	138	158	183	214
12.5°	36	48	61	75	90	107	125	145	168	198	237
10°	38	51	65	79	95	112	131	151	177	209	254
7.5°	40	53	69	83	99	117	136	157	184	218	267
5°	42	56	71	86	102	121	140	162	189	225	278
2.5°	44	58	73	88	104	123	142	165	193	231	287
0°	45	60	75	90	106	124	144	166	195	237	292
-2.5°	46	62	77	92	109	126	146	168	198	239	294
-5°	48	64	78	93	110	127	147	169	199	239	294
-7.5°	48	65	79	94	111	128	147	170	200	238	294
-10°	49	65	80	95	112	129	147	170	198	236	289
-12.5°	50	66	80	96	112	129	147	168	196	231	280
-15°	50	66	80	95	112	129	146	165	191	225	268
-17.5°	51	65	80	95	111	128	144	163	187	219	259
-20°	51	65	79	93	110	127	142	161	183	212	248

Classified

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

Scaled Data Report



REPORT NUMBER: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	50	64	78	92	108	124	140	158	178	202	235
-25°	49	64	77	91	106	121	137	153	173	196	224
-27.5°	48	63	76	89	103	118	134	150	168	188	212
-30°	46	61	74	87	101	115	129	145	161	181	203
-32.5°	44	59	71	84	98	112	125	140	156	172	192
-35°	42	56	69	81	95	108	120	134	149	165	181
-37.5°	41	53	66	78	91	104	116	128	142	157	172
-40°	39	50	63	75	86	99	111	122	134	149	164
-42.5°	38	48	60	71	82	94	106	117	128	142	156
-45°	36	46	56	67	79	89	100	111	123	135	148
-47.5°	34	43	54	63	74	85	95	105	117	128	140
-50°	32	41	50	59	69	80	90	100	110	121	132
-52.5°	29	38	46	55	64	74	85	94	103	113	124
-55°	26	34	42	50	59	68	78	88	97	106	115
-57.5°	24	30	38	46	54	62	71	80	89	98	108
-60°	21	27	34	41	49	56	64	73	81	90	98
-62.5°	19	24	29	36	43	50	58	65	73	80	88
-65°	17	21	26	31	37	43	50	57	65	71	76
-67.5°	14	18	22	26	31	37	42	48	55	61	66
-70°	12	15	18	22	26	30	35	40	45	50	55
-72.5°	10	12	15	17	21	25	29	33	37	41	45
-75°	8	10	12	14	17	20	23	27	30	33	37
-77.5°	6	8	10	11	13	15	18	21	24	26	29
-80°	5	6	7	9	10	11	13	15	17	19	21
-82.5°	3	4	5	6	7	8	9	10	11	13	14
-85°	2	2	3	4	4	4	5	5	6	7	8
-87.5°	1	1	1	2	2	2	2	2	2	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-722-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	0	0	0	0	0	0
62.5°	0	1	1	2	2	2	2	2	2	2	2
60°	4	4	6	7	7	5	7	8	8	7	7
57.5°	11	13	15	16	18	21	22	21	22	23	26
55°	18	20	22	25	28	31	33	35	36	38	41
52.5°	25	29	31	34	38	41	42	46	49	52	54
50°	36	39	43	47	51	55	58	62	67	72	75
47.5°	47	51	57	63	67	70	74	80	87	93	97
45°	57	63	69	75	80	84	90	97	104	110	115
42.5°	67	73	79	86	90	98	106	113	122	130	135
40°	77	83	93	100	106	114	126	136	146	156	162
37.5°	90	100	111	119	127	137	153	170	182	195	204
35°	106	118	131	140	152	170	191	213	235	253	269
32.5°	120	134	147	162	180	206	232	267	300	334	366
30°	134	148	165	183	213	249	291	346	405	464	532
27.5°	147	164	183	213	258	307	384	471	593	692	851
25°	163	181	207	255	317	404	539	692	946	1163	1408
22.5°	181	209	246	306	409	566	776	1111	1501	1863	2208
20°	203	242	306	401	549	790	1188	1695	2238	2768	3280
17.5°	233	294	385	521	730	1237	1830	2555	3483	4181	4842
15°	260	337	475	695	1089	1741	2569	3680	4930	5981	7170
12.5°	293	386	552	837	1400	2262	3317	4642	6122	7717	9579
10°	321	435	649	1041	1724	2727	3910	5465	7365	9623	11977
7.5°	342	476	730	1195	1997	3109	4520	6411	8818	11457	14141
5°	359	508	794	1315	2229	3419	4965	7160	9903	12932	15601
2.5°	372	531	836	1389	2386	3631	5270	7558	10567	13895	16698
0°	382	544	859	1441	2459	3731	5411	7719	10878	14367	17249
-2.5°	386	552	860	1423	2415	3725	5378	7620	10664	14179	17132
-5°	387	548	839	1385	2336	3591	5162	7246	10008	13306	16298
-7.5°	384	533	795	1292	2160	3356	4862	6690	8955	11862	14955
-10°	374	508	735	1166	1916	2987	4394	5939	7748	10121	12627
-12.5°	355	469	653	978	1630	2571	3816	5182	6592	8151	10213
-15°	333	430	586	864	1365	2133	3142	4295	5465	6660	7917
-17.5°	316	396	517	711	1048	1669	2476	3403	4352	5300	6147
-20°	294	356	450	601	845	1213	1820	2541	3250	4024	4673

Classified

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

Scaled Data Report



REPORT NUMBER: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	275	327	398	493	657	916	1262	1770	2309	2870	3403
-25°	257	296	352	428	527	681	909	1175	1553	1898	2294
-27.5°	241	274	312	369	443	528	668	823	1021	1186	1450
-30°	227	253	284	321	375	440	515	609	706	803	930
-32.5°	213	235	259	289	323	371	418	478	531	589	650
-35°	199	219	239	262	288	320	355	395	430	466	497
-37.5°	188	204	222	240	261	283	310	339	362	385	405
-40°	178	191	206	221	238	256	277	298	314	329	341
-42.5°	169	181	192	205	219	235	252	268	279	289	297
-45°	160	171	181	192	203	217	232	244	253	260	266
-47.5°	151	160	170	180	191	202	213	223	230	237	241
-50°	142	151	160	168	178	188	198	206	212	218	221
-52.5°	133	142	151	159	167	175	183	190	197	203	205
-55°	125	134	141	149	157	164	171	178	184	190	192
-57.5°	116	125	134	140	146	153	160	166	172	177	179
-60°	107	116	123	129	136	142	148	154	159	164	167
-62.5°	96	104	110	116	122	128	133	138	143	148	150
-65°	82	89	96	102	107	112	117	122	126	129	131
-67.5°	71	76	81	87	92	97	101	105	109	112	114
-70°	60	64	69	74	79	83	87	91	94	97	98
-72.5°	49	54	58	62	66	70	73	77	80	82	84
-75°	40	44	47	51	55	58	60	63	66	67	69
-77.5°	32	35	37	40	43	45	47	50	52	53	54
-80°	24	26	28	30	32	34	35	37	39	40	41
-82.5°	16	18	19	21	22	23	24	25	26	27	28
-85°	9	10	11	12	13	14	15	15	16	16	17
-87.5°	4	4	5	5	5	6	6	6	6	6	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-722-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	0
62.5°	2	2	1	2	1	2	2	2	2	2	2
60°	7	6	6	6	6	6	7	7	7	8	8
57.5°	28	30	31	32	31	30	28	26	23	22	21
55°	43	44	44	44	44	44	43	41	38	36	35
52.5°	55	55	55	54	55	55	55	54	52	49	46
50°	76	76	76	76	76	76	76	75	72	67	62
47.5°	98	99	100	99	100	99	98	97	93	87	80
45°	117	119	119	119	119	119	117	115	110	104	97
42.5°	138	139	139	140	139	139	138	135	130	122	113
40°	165	166	165	165	165	166	165	162	156	146	136
37.5°	210	214	215	219	215	214	210	204	195	182	170
35°	282	289	294	300	294	289	282	269	253	235	213
32.5°	389	405	413	421	413	405	389	366	334	300	267
30°	578	609	622	645	622	609	578	532	464	405	346
27.5°	968	1041	1070	1131	1070	1041	968	851	692	593	471
25°	1631	1789	1876	1945	1876	1789	1631	1408	1163	946	692
22.5°	2557	2789	2912	3004	2912	2789	2557	2208	1863	1501	1111
20°	3745	4051	4233	4366	4233	4051	3745	3280	2768	2238	1695
17.5°	5691	6172	6453	6694	6453	6172	5691	4842	4181	3483	2555
15°	8497	9462	10213	10631	10213	9462	8497	7170	5981	4930	3680
12.5°	11226	12640	13481	13867	13481	12640	11226	9579	7717	6122	4642
10°	13925	15258	16058	16199	16058	15258	13925	11977	9623	7365	5465
7.5°	15991	17458	18520	18906	18520	17458	15991	14141	11457	8818	6411
5°	17816	19533	20658	20800	20658	19533	17816	15601	12932	9903	7160
2.5°	19158	21025	22115	22490	22115	21025	19158	16698	13895	10567	7558
0°	19807	21818	23032	23578	23032	21818	19807	17249	14367	10878	7719
-2.5°	19671	21751	23105	23817	23105	21751	19671	17132	14179	10664	7620
-5°	18923	21009	22272	23029	22272	21009	18923	16298	13306	10008	7246
-7.5°	17198	19149	20493	21192	20493	19149	17198	14955	11862	8955	6690
-10°	14976	16627	17852	18447	17852	16627	14976	12627	10121	7748	5939
-12.5°	12088	13689	14794	15215	14794	13689	12088	10213	8151	6592	5182
-15°	9261	10484	11269	11517	11269	10484	9261	7917	6660	5465	4295
-17.5°	7023	7681	8123	8242	8123	7681	7023	6147	5300	4352	3403
-20°	5262	5670	5956	6024	5956	5670	5262	4673	4024	3250	2541

Classified

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

Scaled Data Report



REPORT NUMBER: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	3834	4140	4372	4418	4372	4140	3834	3403	2870	2309	1770
-25°	2645	2901	3058	3070	3058	2901	2645	2294	1898	1553	1175
-27.5°	1658	1799	1871	1897	1871	1799	1658	1450	1186	1021	823
-30°	1025	1089	1124	1125	1124	1089	1025	930	803	706	609
-32.5°	695	727	744	744	744	727	695	650	589	531	478
-35°	521	537	546	547	546	537	521	497	466	430	395
-37.5°	419	428	433	433	433	428	419	405	385	362	339
-40°	350	356	360	363	360	356	350	341	329	314	298
-42.5°	303	307	309	307	309	307	303	297	289	279	268
-45°	270	272	274	274	274	272	270	266	260	253	244
-47.5°	244	245	245	246	245	245	244	241	237	230	223
-50°	223	224	224	223	224	224	223	221	218	212	206
-52.5°	206	206	207	207	207	206	206	205	203	197	190
-55°	193	193	193	194	193	193	193	192	190	184	178
-57.5°	181	182	182	182	182	182	181	179	177	172	166
-60°	169	170	171	171	171	170	169	167	164	159	154
-62.5°	152	154	154	155	154	154	152	150	148	143	138
-65°	133	134	136	138	136	134	133	131	129	126	122
-67.5°	115	116	118	120	118	116	115	114	112	109	105
-70°	100	101	102	102	102	101	100	98	97	94	91
-72.5°	85	87	87	87	87	87	85	84	82	80	77
-75°	70	72	72	72	72	72	70	69	67	66	63
-77.5°	56	57	57	57	57	57	56	54	53	52	50
-80°	42	43	43	42	43	43	42	41	40	39	37
-82.5°	29	30	29	29	29	30	29	28	27	26	25
-85°	17	18	17	17	17	18	17	17	16	16	15
-87.5°	7	7	7	6	7	7	7	7	6	6	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-722-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°	0	0	0	0	0	0	0	0	0	0	0
62.5°	2	2	2	2	1	1	0	1	0	0	0
60°	7	5	7	7	6	4	4	3	1	1	1
57.5°	22	21	18	16	15	13	11	8	7	5	3
55°	33	31	28	25	22	20	18	16	13	10	7
52.5°	42	41	38	34	31	29	25	23	20	17	13
50°	58	55	51	47	43	39	36	31	27	24	20
47.5°	74	70	67	63	57	51	47	42	36	30	27
45°	90	84	80	75	69	63	57	51	45	39	33
42.5°	106	98	90	86	79	73	67	61	54	47	41
40°	126	114	106	100	93	83	77	71	64	55	49
37.5°	153	137	127	119	111	100	90	82	74	65	57
35°	191	170	152	140	131	118	106	95	85	76	66
32.5°	232	206	180	162	147	134	120	109	97	86	76
30°	291	249	213	183	165	148	134	120	108	96	85
27.5°	384	307	258	213	183	164	147	132	118	105	94
25°	539	404	317	255	207	181	163	144	128	114	102
22.5°	776	566	409	306	246	209	181	157	138	124	111
20°	1188	790	549	401	306	242	203	174	153	135	120
17.5°	1830	1237	730	521	385	294	233	194	168	146	129
15°	2569	1741	1089	695	475	337	260	214	183	158	138
12.5°	3317	2262	1400	837	552	386	293	237	198	168	145
10°	3910	2727	1724	1041	649	435	321	254	209	177	151
7.5°	4520	3109	1997	1195	730	476	342	267	218	184	157
5°	4965	3419	2229	1315	794	508	359	278	225	189	162
2.5°	5270	3631	2386	1389	836	531	372	287	231	193	165
0°	5411	3731	2459	1441	859	544	382	292	237	195	166
-2.5°	5378	3725	2415	1423	860	552	386	294	239	198	168
-5°	5162	3591	2336	1385	839	548	387	294	239	199	169
-7.5°	4862	3356	2160	1292	795	533	384	294	238	200	170
-10°	4394	2987	1916	1166	735	508	374	289	236	198	170
-12.5°	3816	2571	1630	978	653	469	355	280	231	196	168
-15°	3142	2133	1365	864	586	430	333	268	225	191	165
-17.5°	2476	1669	1048	711	517	396	316	259	219	187	163
-20°	1820	1213	845	601	450	356	294	248	212	183	161

Classified

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

Scaled Data Report



REPORT NUMBER: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	1262	916	657	493	398	327	275	235	202	178	158
-25°	909	681	527	428	352	296	257	224	196	173	153
-27.5°	668	528	443	369	312	274	241	212	188	168	150
-30°	515	440	375	321	284	253	227	203	181	161	145
-32.5°	418	371	323	289	259	235	213	192	172	156	140
-35°	355	320	288	262	239	219	199	181	165	149	134
-37.5°	310	283	261	240	222	204	188	172	157	142	128
-40°	277	256	238	221	206	191	178	164	149	134	122
-42.5°	252	235	219	205	192	181	169	156	142	128	117
-45°	232	217	203	192	181	171	160	148	135	123	111
-47.5°	213	202	191	180	170	160	151	140	128	117	105
-50°	198	188	178	168	160	151	142	132	121	110	100
-52.5°	183	175	167	159	151	142	133	124	113	103	94
-55°	171	164	157	149	141	134	125	115	106	97	88
-57.5°	160	153	146	140	134	125	116	108	98	89	80
-60°	148	142	136	129	123	116	107	98	90	81	73
-62.5°	133	128	122	116	110	104	96	88	80	73	65
-65°	117	112	107	102	96	89	82	76	71	65	57
-67.5°	101	97	92	87	81	76	71	66	61	55	48
-70°	87	83	79	74	69	64	60	55	50	45	40
-72.5°	73	70	66	62	58	54	49	45	41	37	33
-75°	60	58	55	51	47	44	40	37	33	30	27
-77.5°	47	45	43	40	37	35	32	29	26	24	21
-80°	35	34	32	30	28	26	24	21	19	17	15
-82.5°	24	23	22	21	19	18	16	14	13	11	10
-85°	15	14	13	12	11	10	9	8	7	6	5
-87.5°	6	6	5	5	5	4	4	3	3	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: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	1	1	0	0	0	0	0	0	0	0	0
57.5°	2	2	1	1	1	0	0	1	1	0	0
55°	5	4	2	1	1	1	0	1	1	1	0
52.5°	10	7	4	2	1	2	1	1	1	1	0
50°	16	11	7	5	2	2	1	1	1	1	1
47.5°	23	17	12	8	5	2	2	1	1	1	1
45°	29	24	17	11	7	4	3	1	1	2	1
42.5°	35	30	23	15	11	7	4	2	1	2	2
40°	42	36	29	21	14	9	6	4	2	2	2
37.5°	50	42	35	27	18	12	8	5	2	2	2
35°	57	49	41	32	23	16	9	6	4	2	2
32.5°	65	56	46	37	28	19	12	8	5	3	2
30°	74	62	52	42	32	23	15	10	6	3	2
27.5°	82	68	57	47	36	27	19	12	8	4	2
25°	90	75	62	51	40	30	22	14	9	5	3
22.5°	97	82	67	55	45	34	25	17	11	6	3
20°	104	88	72	60	49	38	28	19	12	7	4
17.5°	112	95	78	65	53	41	31	22	14	8	4
15°	119	101	85	70	57	45	33	24	16	9	5
12.5°	125	107	90	75	61	48	36	26	17	10	6
10°	131	112	95	79	65	51	38	27	19	11	7
7.5°	136	117	99	83	69	53	40	29	20	12	7
5°	140	121	102	86	71	56	42	31	22	12	8
2.5°	142	123	104	88	73	58	44	32	23	13	8
0°	144	124	106	90	75	60	45	33	24	13	9
-2.5°	146	126	109	92	77	62	46	34	25	15	9
-5°	147	127	110	93	78	64	48	35	26	16	9
-7.5°	147	128	111	94	79	65	48	35	26	17	9
-10°	147	129	112	95	80	65	49	36	27	18	9
-12.5°	147	129	112	96	80	66	50	36	27	18	10
-15°	146	129	112	95	80	66	50	37	27	18	10
-17.5°	144	128	111	95	80	65	51	38	27	18	10
-20°	142	127	110	93	79	65	51	37	27	18	10

Classified

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

Scaled Data Report



REPORT NUMBER: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	140	124	108	92	78	64	50	37	27	18	11
-25°	137	121	106	91	77	64	49	36	26	17	11
-27.5°	134	118	103	89	76	63	48	35	26	17	11
-30°	129	115	101	87	74	61	46	34	25	16	11
-32.5°	125	112	98	84	71	59	44	33	24	16	11
-35°	120	108	95	81	69	56	42	31	23	16	11
-37.5°	116	104	91	78	66	53	41	30	22	16	11
-40°	111	99	86	75	63	50	39	29	21	15	10
-42.5°	106	94	82	71	60	48	38	28	21	15	10
-45°	100	89	79	67	56	46	36	27	20	14	9
-47.5°	95	85	74	63	54	43	34	26	19	14	9
-50°	90	80	69	59	50	41	32	24	18	13	9
-52.5°	85	74	64	55	46	38	29	22	17	12	8
-55°	78	68	59	50	42	34	26	20	15	11	7
-57.5°	71	62	54	46	38	30	24	18	14	10	7
-60°	64	56	49	41	34	27	21	17	12	9	6
-62.5°	58	50	43	36	29	24	19	15	11	8	5
-65°	50	43	37	31	26	21	17	13	10	7	5
-67.5°	42	37	31	26	22	18	14	11	9	6	4
-70°	35	30	26	22	18	15	12	10	7	5	4
-72.5°	29	25	21	17	15	12	10	8	6	5	3
-75°	23	20	17	14	12	10	8	7	5	4	3
-77.5°	18	15	13	11	10	8	6	5	4	3	2
-80°	13	11	10	9	7	6	5	4	3	2	2
-82.5°	9	8	7	6	5	4	3	2	2	2	1
-85°	5	4	4	4	3	2	2	1	1	1	1
-87.5°	2	2	2	2	1	1	1	1	1	1	0
-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: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	0	0	0	0	0	0	0
47.5°	1	0	0	0	0	0	0
45°	1	0	0	0	0	0	0
42.5°	1	1	0	0	0	0	0
40°	1	1	0	0	0	0	0
37.5°	1	1	0	0	0	0	0
35°	1	1	0	0	0	0	0
32.5°	2	1	1	0	0	0	0
30°	2	1	1	0	0	0	0
27.5°	2	1	1	0	0	0	0
25°	2	1	1	0	0	0	0
22.5°	2	2	1	0	0	0	0
20°	2	2	1	0	0	0	0
17.5°	2	2	1	0	0	0	0
15°	2	2	1	0	0	0	0
12.5°	2	2	1	0	0	0	0
10°	2	2	1	0	0	0	0
7.5°	2	2	1	0	0	0	0
5°	3	2	1	0	0	0	0
2.5°	3	2	1	0	0	0	0
0°	3	2	2	0	0	0	0
-2.5°	4	2	1	0	0	0	0
-5°	4	2	1	0	0	0	0
-7.5°	5	2	1	0	0	0	0
-10°	5	2	1	0	0	0	0
-12.5°	5	2	1	0	0	0	0
-15°	6	2	1	1	0	0	0
-17.5°	6	2	1	1	0	0	0
-20°	6	2	1	1	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P626824 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)