

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



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P626894 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2C-727-U-MR-VSR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P626894 (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: 5/9/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2C-727-U-MR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (32) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	9515 lumens	Max Intensity:	33548.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	78.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		

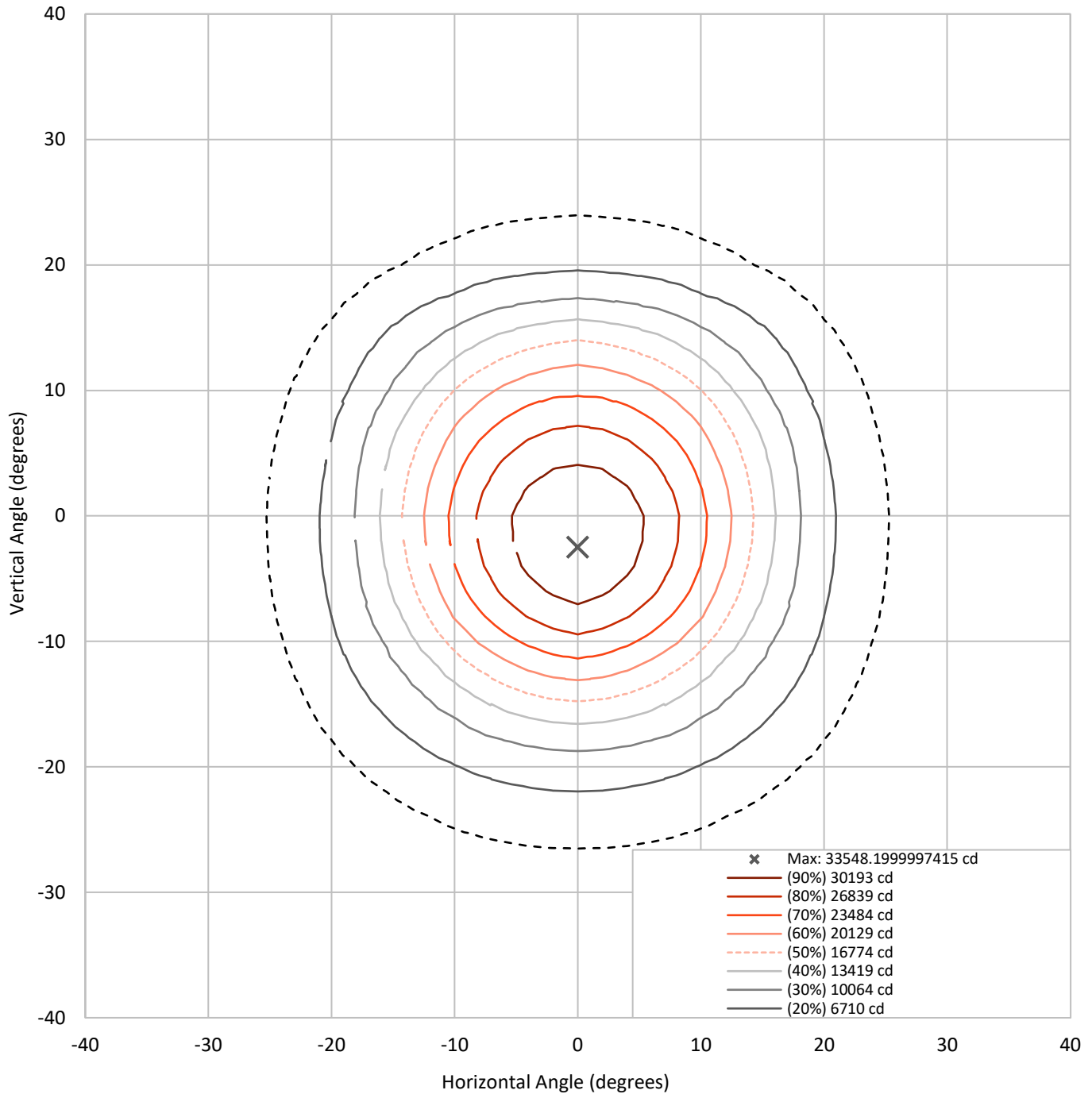
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	4757.6 lumens	Field Lumens:	8175.2 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%

Input Watts (W): 121.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P626894 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Iso-Candela Plot





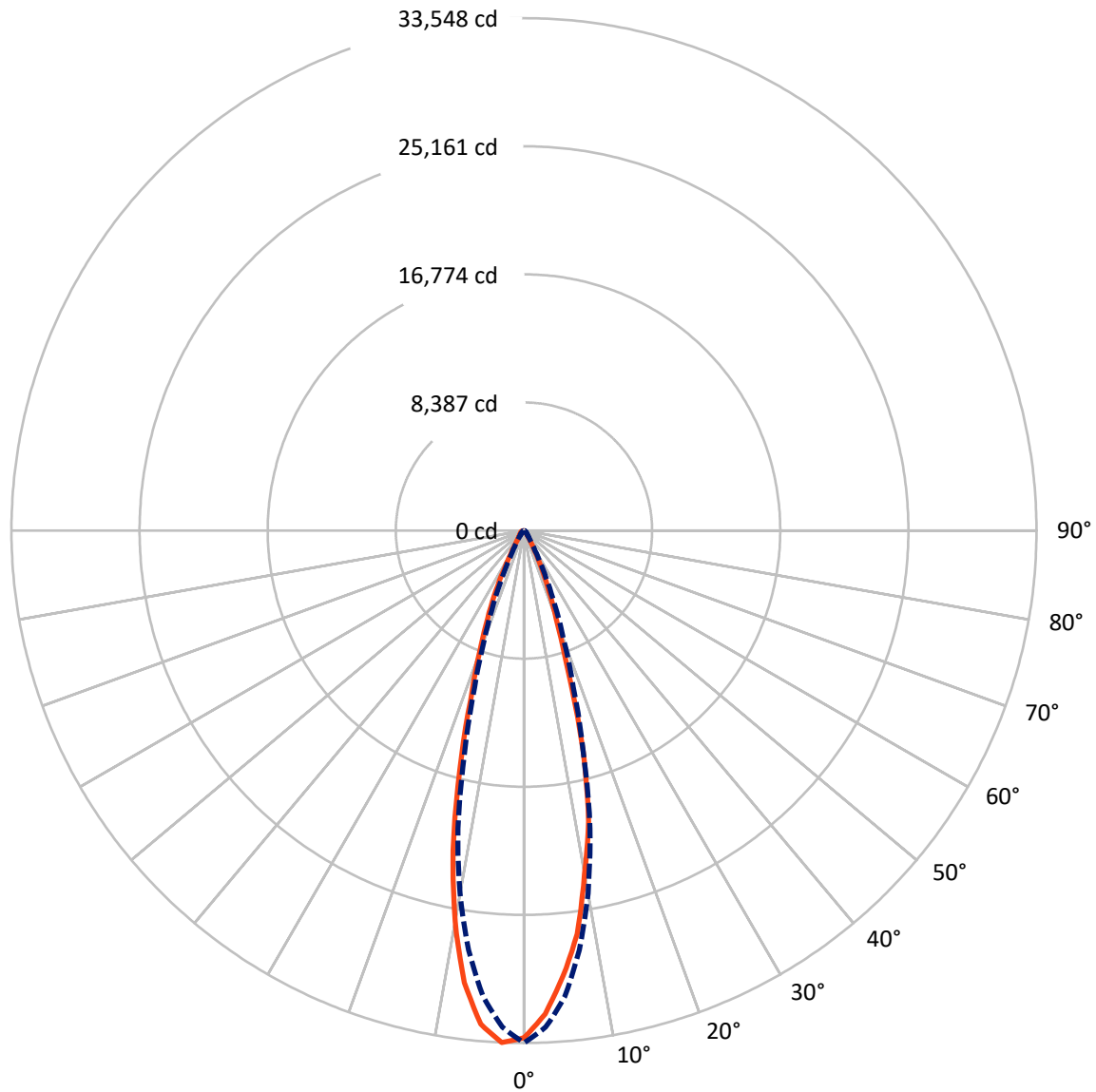
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### Lumen Table

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	0.0	0.0		
70																			
60	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
50		0.0	0.1	0.3	0.6	1.1	1.5	1.8	1.8	1.5	1.1	0.6	0.3	0.1				0.0	
40	0.0	0.0	0.3	1.0	2.0	3.1	4.3	5.1	5.1	4.3	3.1	2.0	1.0	0.3	0.0	0.0	0.0	0.0	
30		0.1	0.8	2.0	3.7	6.1	10.3	13.7	13.7	10.3	6.1	3.7	2.0	0.8	0.1				
20	0.1	0.3	1.3	3.1	5.9	14.4	45.2	82.8	82.8	45.2	14.4	5.9	3.1	1.3	0.3	0.1	0.1	0.1	
10		0.5	1.8	4.2	10.1	49.6	201.5	394.6	394.6	201.5	49.6	10.1	4.2	1.8	0.5				
0	0.1	0.6	2.2	5.0	14.5	94.5	406.9	797.5	797.5	406.9	94.5	14.5	5.0	2.2	0.6	0.1	0.1	0.1	
-10		0.7	2.3	5.3	15.5	99.0	417.5	845.6	845.6	417.5	99.0	15.5	5.3	2.3	0.7				
-20	0.2	0.7	2.4	5.2	12.8	60.8	230.9	447.5	447.5	230.9	60.8	12.8	5.2	2.4	0.7	0.2	0.2	0.2	
-30		0.7	2.3	4.7	9.4	23.6	71.5	127.6	127.6	71.5	23.6	9.4	4.7	2.3	0.7				
-40	0.2	0.6	2.0	4.1	7.1	11.6	19.0	25.4	25.4	19.0	11.6	7.1	4.1	2.0	0.6	0.2	0.2	0.2	
-50		0.5	1.7	3.4	5.6	8.0	10.6	11.9	11.9	10.6	8.0	5.6	3.4	1.7	0.5				
-60	0.1	0.4	1.3	2.7	4.4	6.1	7.6	8.3	8.3	7.6	6.1	4.4	2.7	1.3	0.4	0.1	0.1	0.1	
-70		0.2	0.8	1.7	2.9	4.2	5.2	5.8	5.8	5.2	4.2	2.9	1.7	0.8	0.2				
-80	0.0	0.6	2.8	6.1	7.7	6.1	2.8	0.6	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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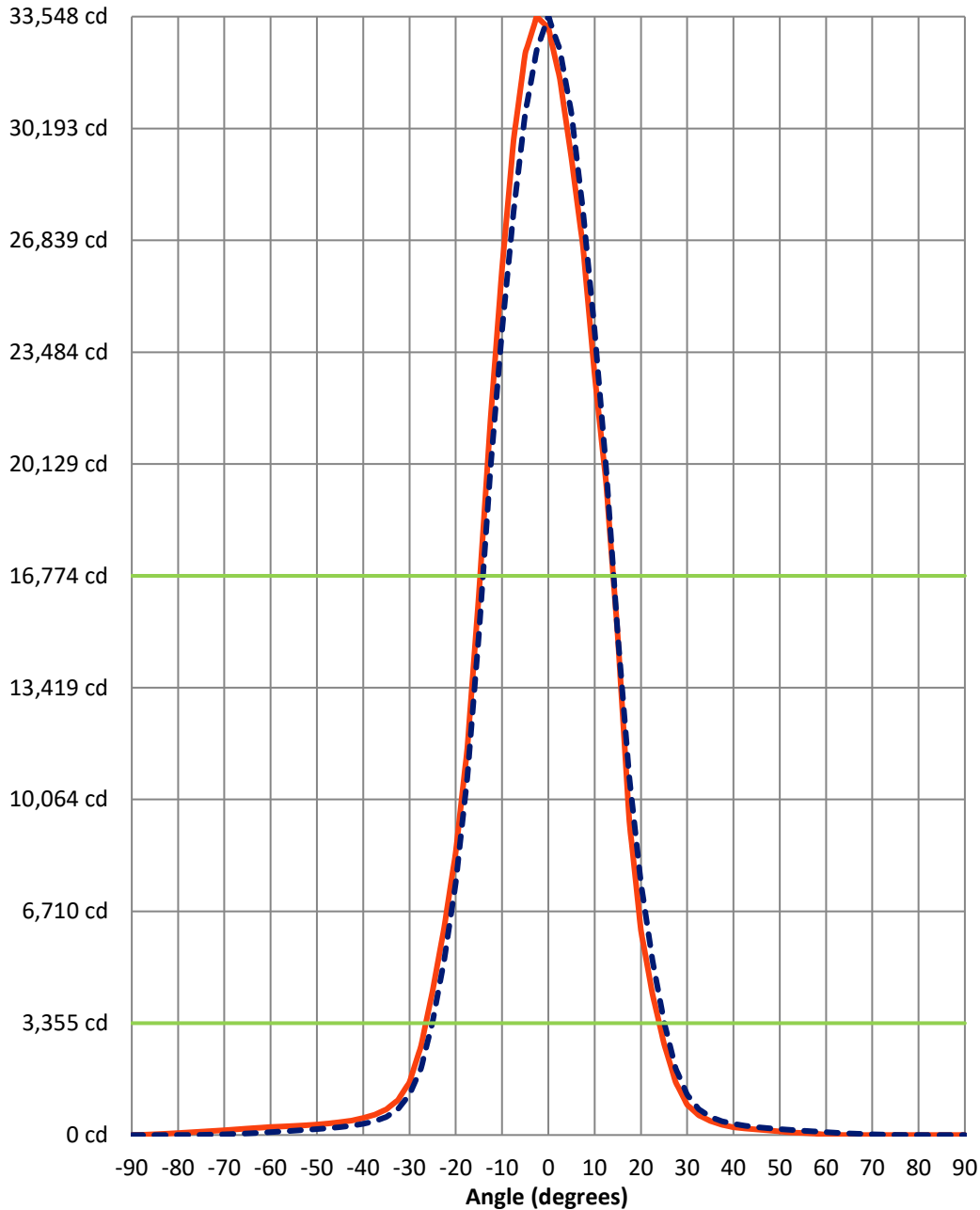
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 4757.6  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 8175.2  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 1339.8  
 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	0	1
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	1	2	1	1
50°	0	0	0	0	0	0	1	1	2	2	1
47.5°	0	0	0	0	0	0	1	2	2	2	2
45°	0	0	0	0	0	1	1	2	2	2	2
42.5°	0	0	0	0	0	1	1	2	2	2	3
40°	0	0	0	0	0	1	2	2	2	2	5
37.5°	0	0	0	0	0	1	2	2	3	3	7
35°	0	0	0	0	1	2	2	2	3	5	9
32.5°	0	0	0	0	1	2	2	2	4	7	11
30°	0	0	0	0	1	2	2	2	5	9	14
27.5°	0	0	0	0	1	2	2	3	6	11	17
25°	0	0	0	0	1	2	2	4	7	13	20
22.5°	0	0	0	0	1	2	2	4	9	15	24
20°	0	0	0	0	2	2	2	5	10	17	27
17.5°	0	0	0	0	2	2	2	6	12	20	30
15°	0	0	0	0	2	2	2	7	13	22	33
12.5°	0	0	0	0	2	2	3	8	14	25	36
10°	0	0	0	0	2	2	3	9	15	27	39
7.5°	0	0	0	0	2	2	3	10	16	29	41
5°	0	0	0	0	2	2	4	11	17	31	43
2.5°	0	0	0	0	2	2	4	12	18	32	45
0°	0	0	0	0	2	2	4	13	19	34	46
-2.5°	0	0	0	0	2	2	5	13	21	35	48
-5°	0	0	0	0	2	3	6	13	23	36	49
-7.5°	0	0	0	0	2	3	7	13	24	37	50
-10°	0	0	0	1	2	3	7	13	25	37	50
-12.5°	0	0	0	1	2	3	8	13	26	38	51
-15°	0	0	0	1	2	3	8	14	26	38	52
-17.5°	0	0	0	1	2	3	8	14	26	39	53
-20°	0	0	0	1	2	3	9	15	25	39	53

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**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	3	9	15	25	38	52
-25°	0	0	0	1	2	4	9	16	24	37	51
-27.5°	0	0	0	1	2	4	9	16	23	36	50
-30°	0	0	0	1	2	4	9	16	23	35	48
-32.5°	0	0	0	1	2	4	9	16	23	34	46
-35°	0	0	0	1	3	4	9	15	23	32	44
-37.5°	0	0	0	1	3	4	9	15	22	31	43
-40°	0	0	0	1	3	4	9	14	21	30	41
-42.5°	0	0	0	0	3	5	8	14	21	29	40
-45°	0	0	0	0	3	5	8	13	20	28	38
-47.5°	0	0	0	0	2	5	7	13	19	26	36
-50°	0	0	0	0	2	4	7	12	18	25	34
-52.5°	0	0	0	0	2	4	7	11	17	23	31
-55°	0	0	0	0	2	4	7	10	15	21	29
-57.5°	0	0	0	0	2	4	6	9	14	20	26
-60°	0	0	0	0	2	3	5	8	12	18	23
-62.5°	0	0	0	0	2	3	5	8	11	15	21
-65°	0	0	0	0	1	3	5	7	10	14	18
-67.5°	0	0	0	0	1	3	4	6	9	12	16
-70°	0	0	0	0	1	2	4	6	8	10	14
-72.5°	0	0	0	0	1	2	4	5	6	9	12
-75°	0	0	0	0	1	2	3	4	5	7	9
-77.5°	0	0	0	0	1	2	3	3	4	5	7
-80°	0	0	0	0	1	1	2	3	3	4	5
-82.5°	0	0	0	0	1	1	2	2	2	3	3
-85°	0	0	0	0	0	1	1	1	1	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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REPORT NUMBER: P626894 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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	0	0	1	1
60°	0	0	0	1	0	1	1	2	2	2	4
57.5°	0	0	1	1	1	2	3	4	7	10	12
55°	1	1	2	2	3	5	7	11	14	18	22
52.5°	1	2	2	3	6	9	13	19	24	28	32
50°	2	2	3	7	11	15	22	29	34	38	44
47.5°	3	3	6	11	16	23	32	38	43	50	59
45°	4	6	10	16	23	33	41	46	54	63	72
42.5°	6	9	15	21	32	42	49	57	66	76	86
40°	8	13	20	30	41	50	60	69	78	89	100
37.5°	11	17	26	38	49	60	70	80	92	104	116
35°	13	22	33	45	57	70	81	93	107	120	134
32.5°	17	27	39	52	65	79	92	107	121	136	153
30°	22	33	45	59	73	87	104	120	135	151	169
27.5°	26	38	51	66	80	96	115	132	148	166	185
25°	31	43	57	72	87	105	126	143	160	180	203
22.5°	35	48	63	77	94	115	136	156	175	194	221
20°	39	53	69	84	101	124	147	168	190	215	246
17.5°	43	58	75	92	110	134	157	181	206	236	274
15°	47	63	81	99	119	143	167	194	222	258	301
12.5°	51	67	86	106	127	151	177	204	237	280	333
10°	54	71	92	112	133	158	184	213	249	294	358
7.5°	57	75	97	117	139	165	191	221	258	307	377
5°	59	79	100	121	144	170	197	227	266	317	392
2.5°	62	82	103	124	147	173	200	232	271	326	404
0°	63	84	106	127	150	175	203	234	275	334	412
-2.5°	65	87	108	129	153	178	205	237	278	336	414
-5°	67	89	110	131	155	179	206	238	280	336	415
-7.5°	68	91	111	133	156	180	207	239	281	336	414
-10°	69	92	112	134	158	181	208	239	280	332	408
-12.5°	70	92	113	135	158	182	207	237	276	326	394
-15°	71	92	113	134	158	181	205	233	269	317	377
-17.5°	71	92	112	133	157	180	203	229	264	309	366
-20°	71	92	111	131	155	178	201	227	258	298	349

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	71	91	110	129	152	175	198	222	251	285	331
-25°	70	90	108	128	149	171	194	216	244	276	315
-27.5°	68	88	107	125	145	166	188	211	236	265	299
-30°	65	85	104	122	142	162	182	204	227	254	285
-32.5°	62	82	101	119	138	157	176	197	219	243	270
-35°	59	79	97	114	134	152	170	188	210	232	255
-37.5°	58	75	93	110	128	146	163	180	200	221	242
-40°	55	71	89	105	121	140	156	172	189	210	231
-42.5°	53	68	84	100	116	132	149	164	181	200	219
-45°	51	65	79	95	111	125	141	157	173	190	208
-47.5°	48	61	76	89	105	120	133	149	165	181	197
-50°	45	58	71	84	98	113	127	140	155	171	187
-52.5°	41	53	65	77	91	105	119	133	146	159	174
-55°	37	48	60	71	83	96	110	123	137	149	162
-57.5°	34	43	54	65	76	87	100	113	126	139	152
-60°	30	38	47	58	69	79	90	102	115	126	138
-62.5°	27	34	41	50	61	71	81	92	103	113	123
-65°	23	29	36	44	52	61	71	81	91	99	107
-67.5°	20	25	31	37	44	52	59	68	77	85	92
-70°	17	21	25	31	36	43	50	57	64	70	77
-72.5°	15	18	21	24	29	35	41	46	52	58	64
-75°	12	14	17	20	24	28	33	38	42	47	52
-77.5°	9	11	14	16	18	22	25	29	33	37	41
-80°	6	8	10	12	14	16	19	21	24	27	30
-82.5°	4	6	7	9	10	11	12	14	16	18	20
-85°	2	3	4	5	6	6	7	8	9	10	12
-87.5°	1	2	2	2	3	3	3	3	3	4	5
-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	0	0	0	0
62.5°	1	1	2	2	2	3	3	3	3	3	3
60°	5	5	8	10	9	7	10	12	11	10	10
57.5°	15	18	21	22	25	29	31	30	31	32	36
55°	26	29	31	35	40	44	47	49	51	54	57
52.5°	35	40	44	48	54	57	59	65	70	74	76
50°	50	55	61	67	72	77	81	87	94	102	106
47.5°	66	72	80	88	94	99	105	113	122	131	136
45°	81	88	97	105	112	119	127	137	147	155	162
42.5°	94	102	112	121	127	138	149	159	171	182	191
40°	109	117	131	141	149	160	177	192	206	219	228
37.5°	127	141	156	168	179	193	216	239	257	275	288
35°	149	166	184	197	214	240	269	300	332	357	379
32.5°	169	188	207	228	253	290	326	377	423	471	516
30°	188	209	232	258	300	351	410	487	571	654	749
27.5°	208	231	258	300	363	433	542	663	836	975	1199
25°	229	255	292	359	446	569	759	975	1333	1639	1983
22.5°	255	295	347	432	576	797	1093	1564	2114	2624	3110
20°	286	340	430	565	773	1112	1673	2388	3152	3898	4620
17.5°	328	414	543	734	1029	1742	2577	3599	4907	5889	6821
15°	367	475	670	979	1534	2452	3619	5183	6944	8425	10099
12.5°	412	543	777	1179	1972	3186	4673	6539	8623	10870	13493
10°	452	613	914	1467	2428	3842	5508	7698	10375	13554	16870
7.5°	482	671	1028	1683	2813	4379	6367	9031	12421	16137	19918
5°	506	716	1118	1852	3140	4816	6994	10085	13949	18215	21975
2.5°	524	747	1177	1956	3361	5114	7423	10646	14885	19572	23519
0°	539	767	1210	2030	3464	5255	7621	10872	15323	20236	24296
-2.5°	544	777	1212	2004	3402	5247	7575	10733	15020	19972	24131
-5°	545	772	1181	1951	3291	5059	7272	10206	14097	18742	22957
-7.5°	541	751	1119	1820	3042	4727	6848	9424	12613	16708	21065
-10°	527	715	1035	1643	2699	4208	6189	8365	10913	14256	17786
-12.5°	500	661	920	1377	2296	3621	5375	7299	9285	11482	14385
-15°	469	606	825	1216	1922	3005	4425	6050	7698	9380	11152
-17.5°	445	558	728	1001	1476	2351	3487	4793	6130	7466	8659
-20°	414	501	634	846	1191	1709	2563	3579	4578	5667	6582

Classified

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

Scaled Data Report



REPORT NUMBER: P626894 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-727-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°	387	461	560	694	926	1290	1778	2493	3252	4043	4794
-25°	362	417	496	604	742	959	1281	1654	2187	2674	3231
-27.5°	340	387	440	520	625	743	941	1159	1438	1670	2042
-30°	319	356	401	452	529	619	725	857	994	1131	1309
-32.5°	300	331	365	407	454	522	588	673	748	830	915
-35°	281	308	337	370	406	451	500	556	606	656	700
-37.5°	264	287	312	338	367	399	437	477	510	543	570
-40°	250	270	290	312	335	360	391	420	442	463	481
-42.5°	238	255	271	289	309	332	355	377	393	407	419
-45°	226	240	255	270	286	306	326	344	356	367	375
-47.5°	213	226	239	253	269	285	301	314	324	334	340
-50°	200	213	225	237	250	265	279	290	299	307	312
-52.5°	188	200	213	224	235	247	257	268	278	286	289
-55°	176	188	199	210	221	231	241	250	259	267	270
-57.5°	164	177	188	197	206	216	225	234	243	250	253
-60°	151	163	173	182	191	200	208	216	225	232	235
-62.5°	135	146	155	164	172	180	187	195	202	208	211
-65°	116	126	135	143	150	157	165	171	177	182	185
-67.5°	100	107	115	122	129	136	143	148	154	158	160
-70°	84	91	97	104	111	117	122	128	132	136	139
-72.5°	70	75	82	88	94	99	103	108	112	115	118
-75°	57	62	67	72	77	81	85	89	92	95	97
-77.5°	45	49	53	56	60	64	67	70	72	75	77
-80°	33	36	39	42	45	47	50	52	54	56	58
-82.5°	23	25	27	29	32	33	34	35	36	38	39
-85°	13	14	16	17	19	20	20	21	22	23	24
-87.5°	5	6	6	7	8	8	8	8	8	9	9
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626894 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-727-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°	3	2	2	2	2	2	3	3	3	3	3
60°	9	8	8	8	8	8	9	10	10	11	12
57.5°	39	42	44	44	44	42	39	36	32	31	30
55°	60	62	62	61	62	62	60	57	54	51	49
52.5°	77	78	77	76	77	78	77	76	74	70	65
50°	107	107	107	108	107	107	107	106	102	94	87
47.5°	138	140	140	139	140	140	138	136	131	122	113
45°	165	167	168	167	168	167	165	162	155	147	137
42.5°	194	195	196	196	196	195	194	191	182	171	159
40°	232	233	233	232	233	233	232	228	219	206	192
37.5°	296	301	303	308	303	301	296	288	275	257	239
35°	397	408	413	423	413	408	397	379	357	332	300
32.5°	548	570	582	594	582	570	548	516	471	423	377
30°	815	858	876	908	876	858	815	749	654	571	487
27.5°	1364	1467	1508	1593	1508	1467	1364	1199	975	836	663
25°	2297	2520	2643	2740	2643	2520	2297	1983	1639	1333	975
22.5°	3601	3928	4102	4231	4102	3928	3601	3110	2624	2114	1564
20°	5275	5705	5962	6149	5962	5705	5275	4620	3898	3152	2388
17.5°	8016	8694	9089	9430	9089	8694	8016	6821	5889	4907	3599
15°	11968	13328	14386	14974	14386	13328	11968	10099	8425	6944	5183
12.5°	15812	17804	18988	19533	18988	17804	15812	13493	10870	8623	6539
10°	19613	21492	22619	22818	22619	21492	19613	16870	13554	10375	7698
7.5°	22524	24590	26087	26630	26087	24590	22524	19918	16137	12421	9031
5°	25094	27514	29097	29298	29097	27514	25094	21975	18215	13949	10085
2.5°	26985	29615	31151	31679	31151	29615	26985	23519	19572	14885	10646
0°	27900	30732	32441	33210	32441	30732	27900	24296	20236	15323	10872
-2.5°	27707	30637	32544	33548	32544	30637	27707	24131	19972	15020	10733
-5°	26654	29592	31371	32437	31371	29592	26654	22957	18742	14097	10206
-7.5°	24224	26972	28865	29849	28865	26972	24224	21065	16708	12613	9424
-10°	21094	23419	25145	25984	25145	23419	21094	17786	14256	10913	8365
-12.5°	17026	19282	20839	21432	20839	19282	17026	14385	11482	9285	7299
-15°	13045	14767	15873	16223	15873	14767	13045	11152	9380	7698	6050
-17.5°	9893	10820	11442	11609	11442	10820	9893	8659	7466	6130	4793
-20°	7412	7986	8390	8485	8390	7986	7412	6582	5667	4578	3579

Classified

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

Scaled Data Report



REPORT NUMBER: P626894 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-727-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°	5400	5832	6158	6223	6158	5832	5400	4794	4043	3252	2493
-25°	3725	4086	4307	4324	4307	4086	3725	3231	2674	2187	1654
-27.5°	2335	2534	2636	2672	2636	2534	2335	2042	1670	1438	1159
-30°	1443	1535	1583	1584	1583	1535	1443	1309	1131	994	857
-32.5°	980	1024	1048	1048	1048	1024	980	915	830	748	673
-35°	734	757	770	771	770	757	734	700	656	606	556
-37.5°	590	603	609	611	609	603	590	570	543	510	477
-40°	493	502	508	511	508	502	493	481	463	442	420
-42.5°	427	433	435	433	435	433	427	419	407	393	377
-45°	380	384	386	387	386	384	380	375	367	356	344
-47.5°	343	345	346	346	346	345	343	340	334	324	314
-50°	314	315	316	315	316	315	314	312	307	299	290
-52.5°	290	291	291	292	291	291	290	289	286	278	268
-55°	271	272	272	273	272	272	271	270	267	259	250
-57.5°	255	257	257	256	257	257	255	253	250	243	234
-60°	237	239	241	241	241	239	237	235	232	225	216
-62.5°	214	216	217	218	217	216	214	211	208	202	195
-65°	187	189	192	194	192	189	187	185	182	177	171
-67.5°	162	164	167	169	167	164	162	160	158	154	148
-70°	141	143	143	144	143	143	141	139	136	132	128
-72.5°	120	122	122	123	122	122	120	118	115	112	108
-75°	99	101	101	101	101	101	99	97	95	92	89
-77.5°	78	80	80	80	80	80	78	77	75	72	70
-80°	60	61	60	59	60	61	60	58	56	54	52
-82.5°	41	42	41	40	41	42	41	39	38	36	35
-85°	25	25	24	23	24	25	25	24	23	22	21
-87.5°	10	11	9	8	9	11	10	9	9	8	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626894 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-727-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	2	2	2	1	1	1	1	0	0
60°	10	7	9	10	8	5	5	4	2	2	2
57.5°	31	29	25	22	21	18	15	12	10	7	4
55°	47	44	40	35	31	29	26	22	18	14	11
52.5°	59	57	54	48	44	40	35	32	28	24	19
50°	81	77	72	67	61	55	50	44	38	34	29
47.5°	105	99	94	88	80	72	66	59	50	43	38
45°	127	119	112	105	97	88	81	72	63	54	46
42.5°	149	138	127	121	112	102	94	86	76	66	57
40°	177	160	149	141	131	117	109	100	89	78	69
37.5°	216	193	179	168	156	141	127	116	104	92	80
35°	269	240	214	197	184	166	149	134	120	107	93
32.5°	326	290	253	228	207	188	169	153	136	121	107
30°	410	351	300	258	232	209	188	169	151	135	120
27.5°	542	433	363	300	258	231	208	185	166	148	132
25°	759	569	446	359	292	255	229	203	180	160	143
22.5°	1093	797	576	432	347	295	255	221	194	175	156
20°	1673	1112	773	565	430	340	286	246	215	190	168
17.5°	2577	1742	1029	734	543	414	328	274	236	206	181
15°	3619	2452	1534	979	670	475	367	301	258	222	194
12.5°	4673	3186	1972	1179	777	543	412	333	280	237	204
10°	5508	3842	2428	1467	914	613	452	358	294	249	213
7.5°	6367	4379	2813	1683	1028	671	482	377	307	258	221
5°	6994	4816	3140	1852	1118	716	506	392	317	266	227
2.5°	7423	5114	3361	1956	1177	747	524	404	326	271	232
0°	7621	5255	3464	2030	1210	767	539	412	334	275	234
-2.5°	7575	5247	3402	2004	1212	777	544	414	336	278	237
-5°	7272	5059	3291	1951	1181	772	545	415	336	280	238
-7.5°	6848	4727	3042	1820	1119	751	541	414	336	281	239
-10°	6189	4208	2699	1643	1035	715	527	408	332	280	239
-12.5°	5375	3621	2296	1377	920	661	500	394	326	276	237
-15°	4425	3005	1922	1216	825	606	469	377	317	269	233
-17.5°	3487	2351	1476	1001	728	558	445	366	309	264	229
-20°	2563	1709	1191	846	634	501	414	349	298	258	227

Classified

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

Scaled Data Report



REPORT NUMBER: P626894 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-727-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°	1778	1290	926	694	560	461	387	331	285	251	222
-25°	1281	959	742	604	496	417	362	315	276	244	216
-27.5°	941	743	625	520	440	387	340	299	265	236	211
-30°	725	619	529	452	401	356	319	285	254	227	204
-32.5°	588	522	454	407	365	331	300	270	243	219	197
-35°	500	451	406	370	337	308	281	255	232	210	188
-37.5°	437	399	367	338	312	287	264	242	221	200	180
-40°	391	360	335	312	290	270	250	231	210	189	172
-42.5°	355	332	309	289	271	255	238	219	200	181	164
-45°	326	306	286	270	255	240	226	208	190	173	157
-47.5°	301	285	269	253	239	226	213	197	181	165	149
-50°	279	265	250	237	225	213	200	187	171	155	140
-52.5°	257	247	235	224	213	200	188	174	159	146	133
-55°	241	231	221	210	199	188	176	162	149	137	123
-57.5°	225	216	206	197	188	177	164	152	139	126	113
-60°	208	200	191	182	173	163	151	138	126	115	102
-62.5°	187	180	172	164	155	146	135	123	113	103	92
-65°	165	157	150	143	135	126	116	107	99	91	81
-67.5°	143	136	129	122	115	107	100	92	85	77	68
-70°	122	117	111	104	97	91	84	77	70	64	57
-72.5°	103	99	94	88	82	75	70	64	58	52	46
-75°	85	81	77	72	67	62	57	52	47	42	38
-77.5°	67	64	60	56	53	49	45	41	37	33	29
-80°	50	47	45	42	39	36	33	30	27	24	21
-82.5°	34	33	32	29	27	25	23	20	18	16	14
-85°	20	20	19	17	16	14	13	12	10	9	8
-87.5°	8	8	8	7	6	6	5	5	4	3	3
-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: P626894 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-727-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	1	0	0	0	1	0	0	0
57.5°	3	2	1	1	1	0	0	1	1	0	0
55°	7	5	3	2	2	1	1	1	1	1	0
52.5°	13	9	6	3	2	2	1	1	1	2	1
50°	22	15	11	7	3	2	2	1	2	2	1
47.5°	32	23	16	11	6	3	3	2	2	2	2
45°	41	33	23	16	10	6	4	2	2	2	2
42.5°	49	42	32	21	15	9	6	3	2	2	2
40°	60	50	41	30	20	13	8	5	2	2	2
37.5°	70	60	49	38	26	17	11	7	3	3	2
35°	81	70	57	45	33	22	13	9	5	3	2
32.5°	92	79	65	52	39	27	17	11	7	4	2
30°	104	87	73	59	45	33	22	14	9	5	2
27.5°	115	96	80	66	51	38	26	17	11	6	3
25°	126	105	87	72	57	43	31	20	13	7	4
22.5°	136	115	94	77	63	48	35	24	15	9	4
20°	147	124	101	84	69	53	39	27	17	10	5
17.5°	157	134	110	92	75	58	43	30	20	12	6
15°	167	143	119	99	81	63	47	33	22	13	7
12.5°	177	151	127	106	86	67	51	36	25	14	8
10°	184	158	133	112	92	71	54	39	27	15	9
7.5°	191	165	139	117	97	75	57	41	29	16	10
5°	197	170	144	121	100	79	59	43	31	17	11
2.5°	200	173	147	124	103	82	62	45	32	18	12
0°	203	175	150	127	106	84	63	46	34	19	13
-2.5°	205	178	153	129	108	87	65	48	35	21	13
-5°	206	179	155	131	110	89	67	49	36	23	13
-7.5°	207	180	156	133	111	91	68	50	37	24	13
-10°	208	181	158	134	112	92	69	50	37	25	13
-12.5°	207	182	158	135	113	92	70	51	38	26	13
-15°	205	181	158	134	113	92	71	52	38	26	14
-17.5°	203	180	157	133	112	92	71	53	39	26	14
-20°	201	178	155	131	111	92	71	53	39	25	15

Classified

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

Scaled Data Report



REPORT NUMBER: P626894 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-727-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°	198	175	152	129	110	91	71	52	38	25	15
-25°	194	171	149	128	108	90	70	51	37	24	16
-27.5°	188	166	145	125	107	88	68	50	36	23	16
-30°	182	162	142	122	104	85	65	48	35	23	16
-32.5°	176	157	138	119	101	82	62	46	34	23	16
-35°	170	152	134	114	97	79	59	44	32	23	15
-37.5°	163	146	128	110	93	75	58	43	31	22	15
-40°	156	140	121	105	89	71	55	41	30	21	14
-42.5°	149	132	116	100	84	68	53	40	29	21	14
-45°	141	125	111	95	79	65	51	38	28	20	13
-47.5°	133	120	105	89	76	61	48	36	26	19	13
-50°	127	113	98	84	71	58	45	34	25	18	12
-52.5°	119	105	91	77	65	53	41	31	23	17	11
-55°	110	96	83	71	60	48	37	29	21	15	10
-57.5°	100	87	76	65	54	43	34	26	20	14	9
-60°	90	79	69	58	47	38	30	23	18	12	8
-62.5°	81	71	61	50	41	34	27	21	15	11	8
-65°	71	61	52	44	36	29	23	18	14	10	7
-67.5°	59	52	44	37	31	25	20	16	12	9	6
-70°	50	43	36	31	25	21	17	14	10	8	6
-72.5°	41	35	29	24	21	18	15	12	9	6	5
-75°	33	28	24	20	17	14	12	9	7	5	4
-77.5°	25	22	18	16	14	11	9	7	5	4	3
-80°	19	16	14	12	10	8	6	5	4	3	3
-82.5°	12	11	10	9	7	6	4	3	3	2	2
-85°	7	6	6	5	4	3	2	2	2	1	1
-87.5°	3	3	3	2	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: P626894 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-727-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	0	0	0	0	0	0
45°	1	1	0	0	0	0	0
42.5°	1	1	0	0	0	0	0
40°	2	1	0	0	0	0	0
37.5°	2	1	0	0	0	0	0
35°	2	2	1	0	0	0	0
32.5°	2	2	1	0	0	0	0
30°	2	2	1	0	0	0	0
27.5°	2	2	1	0	0	0	0
25°	2	2	1	0	0	0	0
22.5°	2	2	1	0	0	0	0
20°	2	2	2	0	0	0	0
17.5°	2	2	2	0	0	0	0
15°	2	2	2	0	0	0	0
12.5°	3	2	2	0	0	0	0
10°	3	2	2	0	0	0	0
7.5°	3	2	2	0	0	0	0
5°	4	2	2	0	0	0	0
2.5°	4	2	2	0	0	0	0
0°	4	2	2	0	0	0	0
-2.5°	5	2	2	0	0	0	0
-5°	6	3	2	0	0	0	0
-7.5°	7	3	2	0	0	0	0
-10°	7	3	2	1	0	0	0
-12.5°	8	3	2	1	0	0	0
-15°	8	3	2	1	0	0	0
-17.5°	8	3	2	1	0	0	0
-20°	9	3	2	1	0	0	0

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CATALOG NUMBER: GFLD-SA2C-727-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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