

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: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-727-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626534 (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-SA1A-727-U-MR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (16) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2283.6 lumens  
Efficiency: N/A  
Efficacy: 126.2 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 8051.6 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 1141.8 lumens  
Beam Efficiency: 50.0%

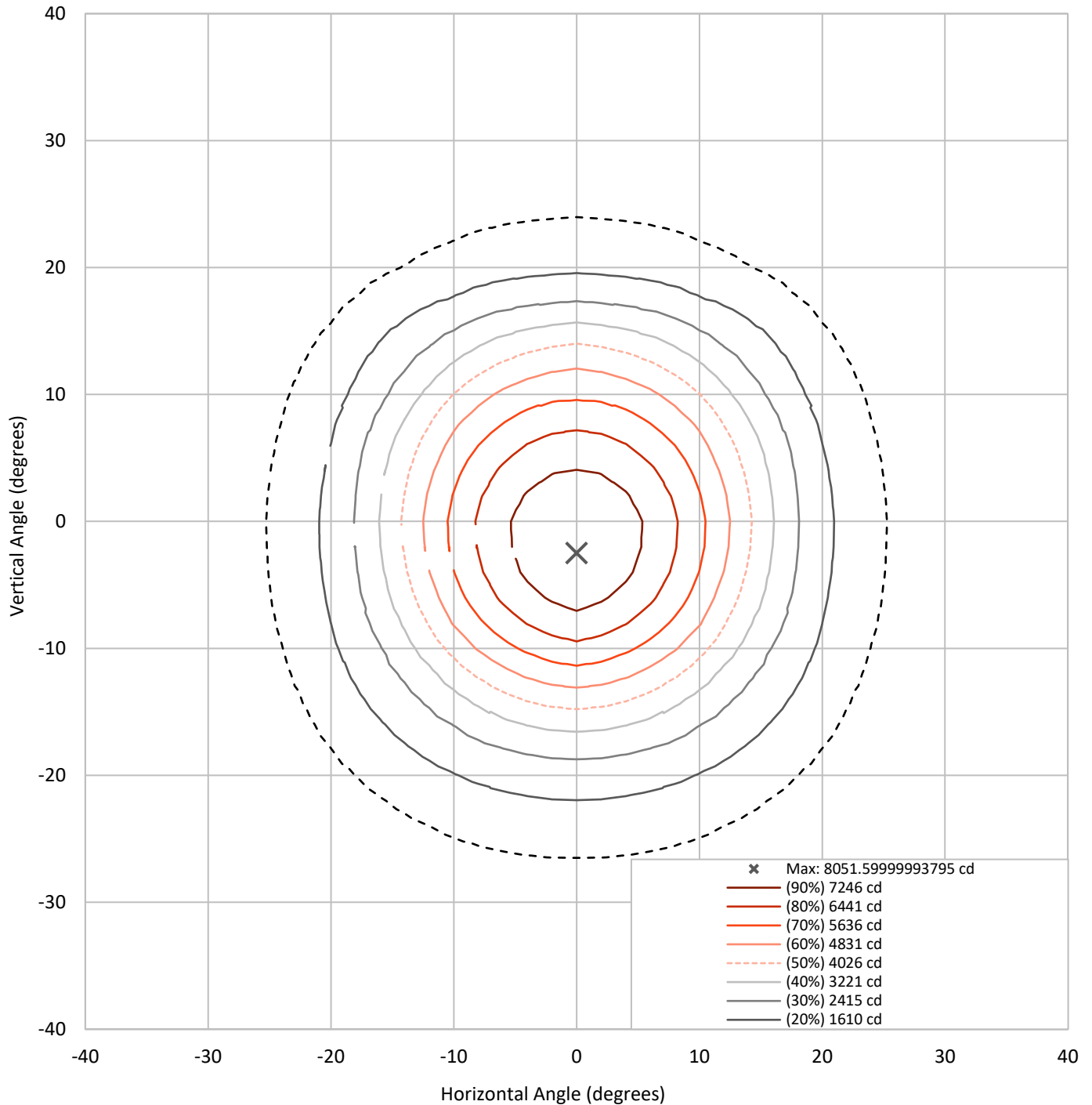
Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 1962 lumens  
Field Efficiency: 85.9%

Input Watts (W): 18.1  
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: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-727-U-MR-VSR-XX

### Iso-Candela Plot





REPORT NUMBER: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)

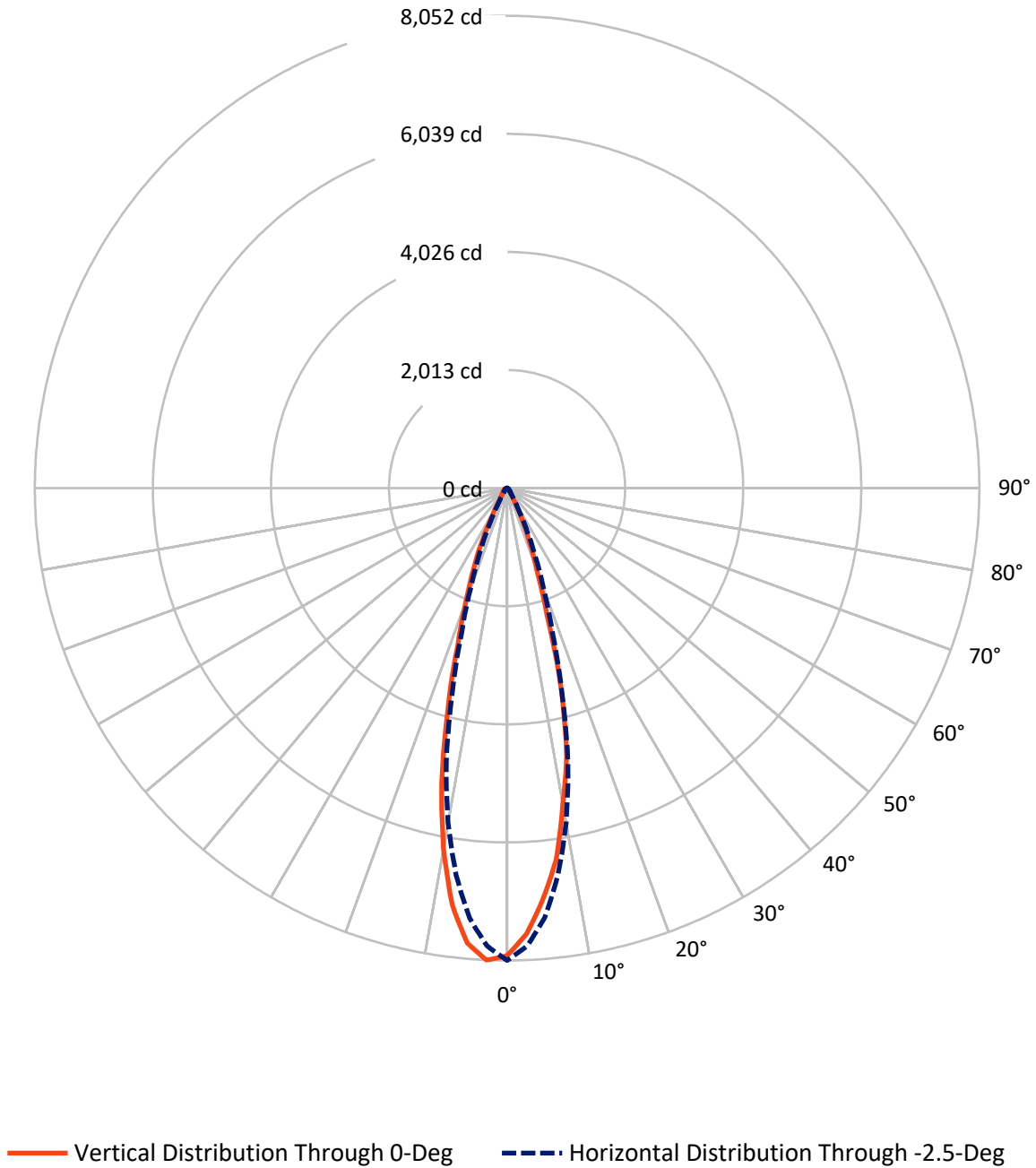
CATALOG NUMBER: GFLD-SA1A-727-U-MR-VSR-XX

### Lumen Table

90	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
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	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
60		0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.0	0.0		
50	0.0	0.0	0.1	0.2	0.5	0.7	1.0	1.2	1.2	1.0	0.7	0.5	0.2	0.1	0.0	0.0	
40		0.0	0.2	0.5	0.9	1.5	2.5	3.3	3.3	2.5	1.5	0.9	0.5	0.2	0.0		
30	0.0	0.1	0.3	0.7	1.4	3.4	10.8	19.9	19.9	10.8	3.4	1.4	0.7	0.3	0.1	0.0	
20		0.1	0.4	1.0	2.4	11.9	48.4	94.7	94.7	48.4	11.9	2.4	1.0	0.4	0.1		
10	0.0	0.1	0.5	1.2	3.5	22.7	97.6	191.4	191.4	97.6	22.7	3.5	1.2	0.5	0.1	0.0	
0		0.2	0.6	1.3	3.7	23.7	100.2	203.0	203.0	100.2	23.7	3.7	1.3	0.6	0.2		
-10	0.0	0.2	0.6	1.2	3.1	14.6	55.4	107.4	107.4	55.4	14.6	3.1	1.2	0.6	0.2	0.0	
-20		0.2	0.5	1.1	2.2	5.7	17.2	30.6	30.6	17.2	5.7	2.2	1.1	0.5	0.2		
-30	0.0	0.1	0.5	1.0	1.7	2.8	4.6	6.1	6.1	4.6	2.8	1.7	1.0	0.5	0.1	0.0	
-40		0.1	0.4	0.8	1.3	1.9	2.5	2.8	2.8	2.5	1.9	1.3	0.8	0.4	0.1		
-50	0.0	0.1	0.3	0.6	1.1	1.5	1.8	2.0	2.0	1.8	1.5	1.1	0.6	0.3	0.1	0.0	
-60		0.1	0.2	0.4	0.7	1.0	1.2	1.4	1.4	1.2	1.0	0.7	0.4	0.2	0.1		
-70	0.0	0.1	0.3	0.6	1.1	1.5	1.8	2.0	2.0	1.8	1.5	1.1	0.6	0.3	0.1	0.0	
-80		0.1	0.2	0.4	0.7	1.0	1.2	1.4	1.4	1.2	1.0	0.7	0.4	0.2	0.1		
-90	0.0	0.1	0.7	1.5	1.8	1.5	0.7	0.1	0.0								

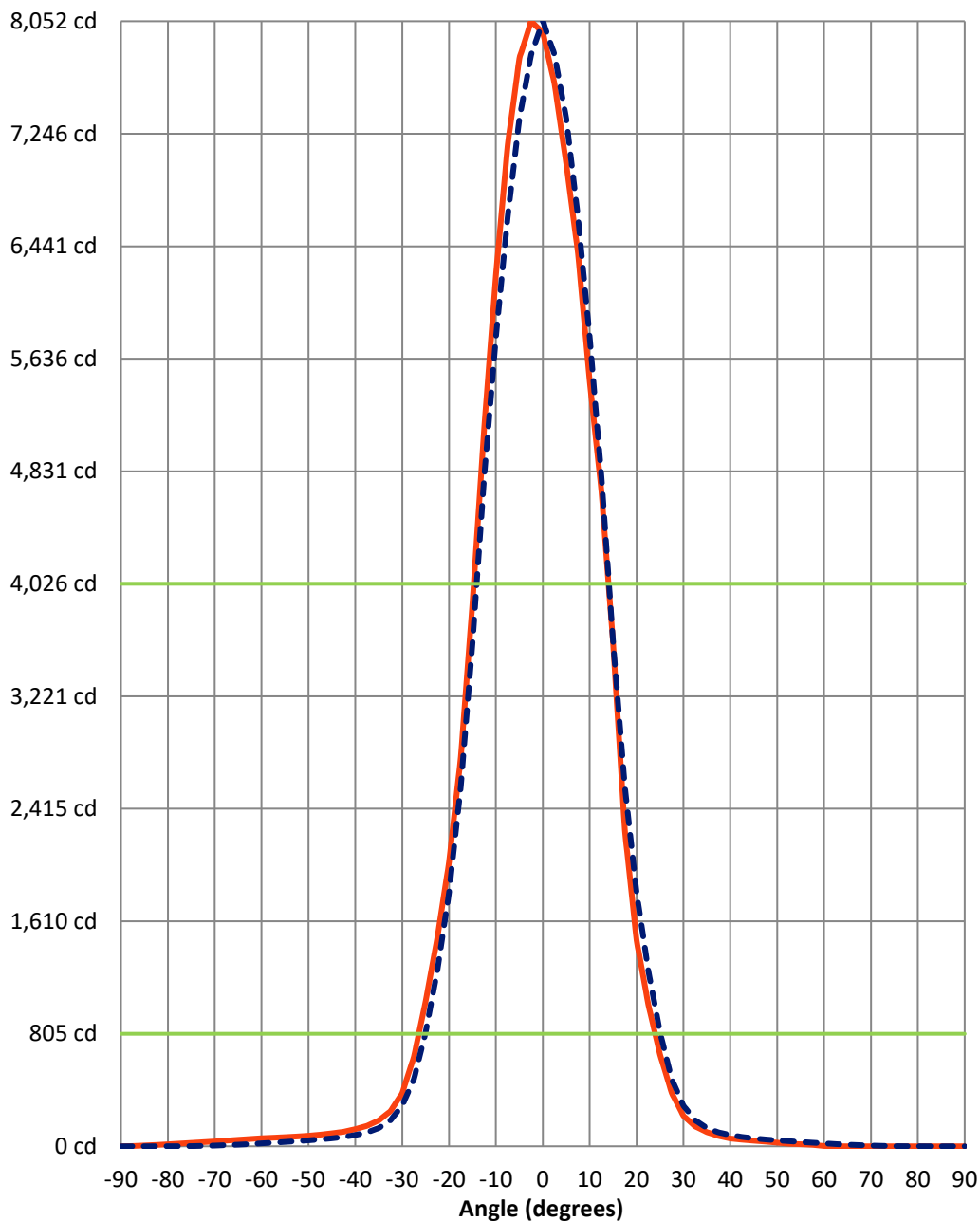
REPORT NUMBER: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-727-U-MR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-727-U-MR-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 1141.8  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 1962  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 321.6  
 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: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-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	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	1	0	0
42.5°	0	0	0	0	0	0	0	1	1	0	1
40°	0	0	0	0	0	0	0	1	1	1	1
37.5°	0	0	0	0	0	0	0	1	1	1	2
35°	0	0	0	0	0	0	0	1	1	1	2
32.5°	0	0	0	0	0	0	1	1	1	2	3
30°	0	0	0	0	0	0	1	1	1	2	3
27.5°	0	0	0	0	0	0	1	1	1	3	4
25°	0	0	0	0	0	0	1	1	2	3	5
22.5°	0	0	0	0	0	1	1	1	2	4	6
20°	0	0	0	0	0	1	1	1	2	4	7
17.5°	0	0	0	0	0	1	1	1	3	5	7
15°	0	0	0	0	0	1	1	2	3	5	8
12.5°	0	0	0	0	0	1	1	2	3	6	9
10°	0	0	0	0	0	1	1	2	4	6	9
7.5°	0	0	0	0	0	1	1	2	4	7	10
5°	0	0	0	0	0	1	1	3	4	7	10
2.5°	0	0	0	0	0	1	1	3	4	8	11
0°	0	0	0	0	1	1	1	3	5	8	11
-2.5°	0	0	0	0	0	1	1	3	5	8	12
-5°	0	0	0	0	0	1	1	3	5	9	12
-7.5°	0	0	0	0	0	1	2	3	6	9	12
-10°	0	0	0	0	0	1	2	3	6	9	12
-12.5°	0	0	0	0	0	1	2	3	6	9	12
-15°	0	0	0	0	0	1	2	3	6	9	13
-17.5°	0	0	0	0	0	1	2	3	6	9	13
-20°	0	0	0	0	0	1	2	3	6	9	13

Classified

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

Scaled Data Report



REPORT NUMBER: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-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	0	0	1	2	4	6	9	12
-25°	0	0	0	0	0	1	2	4	6	9	12
-27.5°	0	0	0	0	0	1	2	4	6	9	12
-30°	0	0	0	0	1	1	2	4	6	8	12
-32.5°	0	0	0	0	1	1	2	4	6	8	11
-35°	0	0	0	0	1	1	2	4	5	8	10
-37.5°	0	0	0	0	1	1	2	4	5	7	10
-40°	0	0	0	0	1	1	2	3	5	7	10
-42.5°	0	0	0	0	1	1	2	3	5	7	10
-45°	0	0	0	0	1	1	2	3	5	7	9
-47.5°	0	0	0	0	1	1	2	3	5	6	9
-50°	0	0	0	0	1	1	2	3	4	6	8
-52.5°	0	0	0	0	1	1	2	3	4	6	7
-55°	0	0	0	0	0	1	2	2	4	5	7
-57.5°	0	0	0	0	0	1	1	2	3	5	6
-60°	0	0	0	0	0	1	1	2	3	4	6
-62.5°	0	0	0	0	0	1	1	2	3	4	5
-65°	0	0	0	0	0	1	1	2	2	3	4
-67.5°	0	0	0	0	0	1	1	1	2	3	4
-70°	0	0	0	0	0	1	1	1	2	2	3
-72.5°	0	0	0	0	0	1	1	1	2	2	3
-75°	0	0	0	0	0	0	1	1	1	2	2
-77.5°	0	0	0	0	0	0	1	1	1	1	2
-80°	0	0	0	0	0	0	1	1	1	1	1
-82.5°	0	0	0	0	0	0	0	0	1	1	1
-85°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-727-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	0
60°	0	0	0	0	0	0	0	0	0	0	1
57.5°	0	0	0	0	0	1	1	1	2	2	3
55°	0	0	0	0	1	1	2	3	3	4	5
52.5°	0	1	0	1	1	2	3	4	6	7	8
50°	0	1	1	2	3	4	5	7	8	9	10
47.5°	1	1	2	3	4	6	8	9	10	12	14
45°	1	1	2	4	6	8	10	11	13	15	17
42.5°	1	2	4	5	8	10	12	14	16	18	21
40°	2	3	5	7	10	12	14	16	19	21	24
37.5°	3	4	6	9	12	14	17	19	22	25	28
35°	3	5	8	11	14	17	19	22	26	29	32
32.5°	4	7	9	13	16	19	22	26	29	33	37
30°	5	8	11	14	17	21	25	29	32	36	41
27.5°	6	9	12	16	19	23	28	32	35	40	44
25°	7	10	14	17	21	25	30	34	38	43	49
22.5°	8	11	15	18	23	28	33	37	42	47	53
20°	9	13	17	20	24	30	35	40	46	52	59
17.5°	10	14	18	22	26	32	38	43	49	57	66
15°	11	15	19	24	29	34	40	47	53	62	72
12.5°	12	16	21	25	30	36	42	49	57	67	80
10°	13	17	22	27	32	38	44	51	60	71	86
7.5°	14	18	23	28	33	40	46	53	62	74	90
5°	14	19	24	29	34	41	47	55	64	76	94
2.5°	15	20	25	30	35	42	48	56	65	78	97
0°	15	20	25	30	36	42	49	56	66	80	99
-2.5°	16	21	26	31	37	43	49	57	67	81	99
-5°	16	21	26	31	37	43	50	57	67	81	100
-7.5°	16	22	27	32	38	43	50	57	67	81	99
-10°	16	22	27	32	38	44	50	57	67	80	98
-12.5°	17	22	27	32	38	44	50	57	66	78	95
-15°	17	22	27	32	38	44	49	56	65	76	91
-17.5°	17	22	27	32	38	43	49	55	63	74	88
-20°	17	22	27	31	37	43	48	54	62	72	84

Classified

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

Scaled Data Report



REPORT NUMBER: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-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°	17	22	26	31	36	42	47	53	60	68	79
-25°	17	22	26	31	36	41	46	52	59	66	76
-27.5°	16	21	26	30	35	40	45	51	57	64	72
-30°	16	21	25	29	34	39	44	49	54	61	68
-32.5°	15	20	24	29	33	38	42	47	53	58	65
-35°	14	19	23	27	32	36	41	45	50	56	61
-37.5°	14	18	22	26	31	35	39	43	48	53	58
-40°	13	17	21	25	29	34	37	41	45	50	55
-42.5°	13	16	20	24	28	32	36	39	43	48	53
-45°	12	16	19	23	27	30	34	38	42	46	50
-47.5°	11	15	18	21	25	29	32	36	40	43	47
-50°	11	14	17	20	23	27	30	34	37	41	45
-52.5°	10	13	16	19	22	25	29	32	35	38	42
-55°	9	12	14	17	20	23	26	30	33	36	39
-57.5°	8	10	13	16	18	21	24	27	30	33	36
-60°	7	9	11	14	16	19	22	25	27	30	33
-62.5°	6	8	10	12	15	17	19	22	25	27	30
-65°	6	7	9	10	13	15	17	19	22	24	26
-67.5°	5	6	7	9	11	12	14	16	19	20	22
-70°	4	5	6	7	9	10	12	14	15	17	19
-72.5°	3	4	5	6	7	8	10	11	12	14	15
-75°	3	3	4	5	6	7	8	9	10	11	12
-77.5°	2	3	3	4	4	5	6	7	8	9	10
-80°	2	2	2	3	3	4	4	5	6	6	7
-82.5°	1	1	2	2	2	3	3	3	4	4	5
-85°	1	1	1	1	1	1	2	2	2	2	3
-87.5°	0	0	0	1	1	1	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-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	0	0	1	1	1	1	1	1	1	1
60°	1	1	2	2	2	2	2	3	3	2	2
57.5°	4	4	5	5	6	7	7	7	7	8	9
55°	6	7	7	8	10	10	11	12	12	13	14
52.5°	8	10	10	12	13	14	14	16	17	18	18
50°	12	13	15	16	17	19	20	21	23	24	25
47.5°	16	17	19	21	23	24	25	27	29	31	33
45°	19	21	23	25	27	29	31	33	35	37	39
42.5°	22	25	27	29	31	33	36	38	41	44	46
40°	26	28	31	34	36	38	42	46	49	53	55
37.5°	31	34	37	40	43	46	52	57	62	66	69
35°	36	40	44	47	51	58	64	72	80	86	91
32.5°	41	45	50	55	61	70	78	90	102	113	124
30°	45	50	56	62	72	84	98	117	137	157	180
27.5°	50	55	62	72	87	104	130	159	201	234	288
25°	55	61	70	86	107	136	182	234	320	393	476
22.5°	61	71	83	104	138	191	262	375	507	630	746
20°	69	82	103	136	185	267	402	573	756	936	1109
17.5°	79	99	130	176	247	418	619	864	1178	1413	1637
15°	88	114	161	235	368	589	869	1244	1667	2022	2424
12.5°	99	130	187	283	473	765	1121	1569	2069	2609	3238
10°	108	147	219	352	583	922	1322	1848	2490	3253	4049
7.5°	116	161	247	404	675	1051	1528	2167	2981	3873	4780
5°	121	172	268	445	754	1156	1679	2420	3348	4372	5274
2.5°	126	179	283	470	807	1227	1781	2555	3572	4697	5645
0°	129	184	290	487	831	1261	1829	2609	3677	4857	5831
-2.5°	130	186	291	481	816	1259	1818	2576	3605	4793	5792
-5°	131	185	284	468	790	1214	1745	2449	3383	4498	5510
-7.5°	130	180	269	437	730	1134	1644	2262	3027	4010	5055
-10°	126	172	249	394	648	1010	1485	2008	2619	3421	4269
-12.5°	120	159	221	331	551	869	1290	1752	2228	2756	3452
-15°	113	145	198	292	461	721	1062	1452	1848	2251	2676
-17.5°	107	134	175	240	354	564	837	1150	1471	1792	2078
-20°	99	120	152	203	286	410	615	859	1099	1360	1580

Classified

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

Scaled Data Report



REPORT NUMBER: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	93	111	134	167	222	310	427	598	780	970	1150
-25°	87	100	119	145	178	230	307	397	525	642	776
-27.5°	82	93	106	125	150	178	226	278	345	401	490
-30°	77	86	96	108	127	149	174	206	239	271	314
-32.5°	72	79	88	98	109	125	141	161	179	199	220
-35°	67	74	81	89	97	108	120	134	145	157	168
-37.5°	63	69	75	81	88	96	105	114	123	130	137
-40°	60	65	70	75	80	87	94	101	106	111	115
-42.5°	57	61	65	69	74	80	85	91	94	98	101
-45°	54	58	61	65	69	73	78	82	85	88	90
-47.5°	51	54	57	61	64	68	72	75	78	80	82
-50°	48	51	54	57	60	63	67	69	72	74	75
-52.5°	45	48	51	54	56	59	62	64	67	69	69
-55°	42	45	48	50	53	56	58	60	62	64	65
-57.5°	39	42	45	47	50	52	54	56	58	60	61
-60°	36	39	42	44	46	48	50	52	54	56	56
-62.5°	32	35	37	39	41	43	45	47	48	50	51
-65°	28	30	32	34	36	38	39	41	43	44	44
-67.5°	24	26	27	29	31	33	34	36	37	38	38
-70°	20	22	23	25	27	28	29	31	32	33	33
-72.5°	17	18	20	21	22	24	25	26	27	28	28
-75°	14	15	16	17	18	19	20	21	22	23	23
-77.5°	11	12	13	14	14	15	16	17	17	18	18
-80°	8	9	9	10	11	11	12	12	13	13	14
-82.5°	5	6	7	7	8	8	8	8	9	9	9
-85°	3	3	4	4	5	5	5	5	5	6	6
-87.5°	1	1	2	2	2	2	2	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-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°	1	1	0	0	0	1	1	1	1	1	1
60°	2	2	2	2	2	2	2	2	2	3	3
57.5°	9	10	10	11	10	10	9	9	8	7	7
55°	14	15	15	15	15	15	14	14	13	12	12
52.5°	19	19	19	18	19	19	19	18	18	17	16
50°	26	26	26	26	26	26	26	25	24	23	21
47.5°	33	34	34	34	34	34	33	33	31	29	27
45°	40	40	40	40	40	40	40	39	37	35	33
42.5°	47	47	47	47	47	47	47	46	44	41	38
40°	56	56	56	56	56	56	56	55	53	49	46
37.5°	71	72	73	74	73	72	71	69	66	62	57
35°	95	98	99	101	99	98	95	91	86	80	72
32.5°	132	137	140	143	140	137	132	124	113	102	90
30°	196	206	210	218	210	206	196	180	157	137	117
27.5°	327	352	362	382	362	352	327	288	234	201	159
25°	551	605	634	658	634	605	551	476	393	320	234
22.5°	864	943	984	1015	984	943	864	746	630	507	375
20°	1266	1369	1431	1476	1431	1369	1266	1109	936	756	573
17.5°	1924	2086	2181	2263	2181	2086	1924	1637	1413	1178	864
15°	2872	3199	3453	3594	3453	3199	2872	2424	2022	1667	1244
12.5°	3795	4273	4557	4688	4557	4273	3795	3238	2609	2069	1569
10°	4707	5158	5428	5476	5428	5158	4707	4049	3253	2490	1848
7.5°	5406	5902	6261	6391	6261	5902	5406	4780	3873	2981	2167
5°	6023	6603	6983	7032	6983	6603	6023	5274	4372	3348	2420
2.5°	6476	7108	7476	7603	7476	7108	6476	5645	4697	3572	2555
0°	6696	7376	7786	7970	7786	7376	6696	5831	4857	3677	2609
-2.5°	6650	7353	7811	8052	7811	7353	6650	5792	4793	3605	2576
-5°	6397	7102	7529	7785	7529	7102	6397	5510	4498	3383	2449
-7.5°	5814	6473	6928	7164	6928	6473	5814	5055	4010	3027	2262
-10°	5063	5621	6035	6236	6035	5621	5063	4269	3421	2619	2008
-12.5°	4086	4628	5001	5144	5001	4628	4086	3452	2756	2228	1752
-15°	3131	3544	3809	3894	3809	3544	3131	2676	2251	1848	1452
-17.5°	2374	2597	2746	2786	2746	2597	2374	2078	1792	1471	1150
-20°	1779	1917	2014	2037	2014	1917	1779	1580	1360	1099	859

Classified

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

Scaled Data Report



REPORT NUMBER: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	1296	1400	1478	1494	1478	1400	1296	1150	970	780	598
-25°	894	981	1034	1038	1034	981	894	776	642	525	397
-27.5°	560	608	633	641	633	608	560	490	401	345	278
-30°	346	368	380	380	380	368	346	314	271	239	206
-32.5°	235	246	252	252	252	246	235	220	199	179	161
-35°	176	182	185	185	185	182	176	168	157	145	134
-37.5°	142	145	146	147	146	145	142	137	130	123	114
-40°	118	121	122	123	122	121	118	115	111	106	101
-42.5°	102	104	104	104	104	104	102	101	98	94	91
-45°	91	92	93	93	93	92	91	90	88	85	82
-47.5°	82	83	83	83	83	83	82	82	80	78	75
-50°	75	76	76	76	76	76	75	75	74	72	69
-52.5°	70	70	70	70	70	70	70	69	69	67	64
-55°	65	65	65	65	65	65	65	65	64	62	60
-57.5°	61	62	62	61	62	62	61	61	60	58	56
-60°	57	57	58	58	58	57	57	56	56	54	52
-62.5°	51	52	52	52	52	52	51	51	50	48	47
-65°	45	45	46	47	46	45	45	44	44	43	41
-67.5°	39	39	40	41	40	39	39	38	38	37	36
-70°	34	34	34	35	34	34	34	33	33	32	31
-72.5°	29	29	29	29	29	29	29	28	28	27	26
-75°	24	24	24	24	24	24	24	23	23	22	21
-77.5°	19	19	19	19	19	19	19	18	18	17	17
-80°	14	15	14	14	14	15	14	14	13	13	12
-82.5°	10	10	10	10	10	10	10	9	9	9	8
-85°	6	6	6	6	6	6	6	6	6	5	5
-87.5°	2	2	2	2	2	2	2	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-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°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	0	0	0	0	0	0	0
60°	2	2	2	2	2	1	1	1	0	0	0
57.5°	7	7	6	5	5	4	4	3	2	2	1
55°	11	10	10	8	7	7	6	5	4	3	3
52.5°	14	14	13	12	10	10	8	8	7	6	4
50°	20	19	17	16	15	13	12	10	9	8	7
47.5°	25	24	23	21	19	17	16	14	12	10	9
45°	31	29	27	25	23	21	19	17	15	13	11
42.5°	36	33	31	29	27	25	22	21	18	16	14
40°	42	38	36	34	31	28	26	24	21	19	16
37.5°	52	46	43	40	37	34	31	28	25	22	19
35°	64	58	51	47	44	40	36	32	29	26	22
32.5°	78	70	61	55	50	45	41	37	33	29	26
30°	98	84	72	62	56	50	45	41	36	32	29
27.5°	130	104	87	72	62	55	50	44	40	35	32
25°	182	136	107	86	70	61	55	49	43	38	34
22.5°	262	191	138	104	83	71	61	53	47	42	37
20°	402	267	185	136	103	82	69	59	52	46	40
17.5°	619	418	247	176	130	99	79	66	57	49	43
15°	869	589	368	235	161	114	88	72	62	53	47
12.5°	1121	765	473	283	187	130	99	80	67	57	49
10°	1322	922	583	352	219	147	108	86	71	60	51
7.5°	1528	1051	675	404	247	161	116	90	74	62	53
5°	1679	1156	754	445	268	172	121	94	76	64	55
2.5°	1781	1227	807	470	283	179	126	97	78	65	56
0°	1829	1261	831	487	290	184	129	99	80	66	56
-2.5°	1818	1259	816	481	291	186	130	99	81	67	57
-5°	1745	1214	790	468	284	185	131	100	81	67	57
-7.5°	1644	1134	730	437	269	180	130	99	81	67	57
-10°	1485	1010	648	394	249	172	126	98	80	67	57
-12.5°	1290	869	551	331	221	159	120	95	78	66	57
-15°	1062	721	461	292	198	145	113	91	76	65	56
-17.5°	837	564	354	240	175	134	107	88	74	63	55
-20°	615	410	286	203	152	120	99	84	72	62	54

Classified

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

Scaled Data Report



REPORT NUMBER: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	427	310	222	167	134	111	93	79	68	60	53
-25°	307	230	178	145	119	100	87	76	66	59	52
-27.5°	226	178	150	125	106	93	82	72	64	57	51
-30°	174	149	127	108	96	86	77	68	61	54	49
-32.5°	141	125	109	98	88	79	72	65	58	53	47
-35°	120	108	97	89	81	74	67	61	56	50	45
-37.5°	105	96	88	81	75	69	63	58	53	48	43
-40°	94	87	80	75	70	65	60	55	50	45	41
-42.5°	85	80	74	69	65	61	57	53	48	43	39
-45°	78	73	69	65	61	58	54	50	46	42	38
-47.5°	72	68	64	61	57	54	51	47	43	40	36
-50°	67	63	60	57	54	51	48	45	41	37	34
-52.5°	62	59	56	54	51	48	45	42	38	35	32
-55°	58	56	53	50	48	45	42	39	36	33	30
-57.5°	54	52	50	47	45	42	39	36	33	30	27
-60°	50	48	46	44	42	39	36	33	30	27	25
-62.5°	45	43	41	39	37	35	32	30	27	25	22
-65°	39	38	36	34	32	30	28	26	24	22	19
-67.5°	34	33	31	29	27	26	24	22	20	19	16
-70°	29	28	27	25	23	22	20	19	17	15	14
-72.5°	25	24	22	21	20	18	17	15	14	12	11
-75°	20	19	18	17	16	15	14	12	11	10	9
-77.5°	16	15	14	14	13	12	11	10	9	8	7
-80°	12	11	11	10	9	9	8	7	6	6	5
-82.5°	8	8	8	7	7	6	5	5	4	4	3
-85°	5	5	5	4	4	3	3	3	2	2	2
-87.5°	2	2	2	2	2	1	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: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-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°	0	0	0	0	0	0	0	0	0	0	0
57.5°	1	1	0	0	0	0	0	0	0	0	0
55°	2	1	1	0	0	0	0	0	0	0	0
52.5°	3	2	1	1	0	1	0	0	0	0	0
50°	5	4	3	2	1	1	0	0	0	0	0
47.5°	8	6	4	3	2	1	1	0	0	0	0
45°	10	8	6	4	2	1	1	0	0	1	0
42.5°	12	10	8	5	4	2	1	1	0	1	1
40°	14	12	10	7	5	3	2	1	1	1	1
37.5°	17	14	12	9	6	4	3	2	1	1	1
35°	19	17	14	11	8	5	3	2	1	1	1
32.5°	22	19	16	13	9	7	4	3	2	1	1
30°	25	21	17	14	11	8	5	3	2	1	1
27.5°	28	23	19	16	12	9	6	4	3	1	1
25°	30	25	21	17	14	10	7	5	3	2	1
22.5°	33	28	23	18	15	11	8	6	4	2	1
20°	35	30	24	20	17	13	9	7	4	2	1
17.5°	38	32	26	22	18	14	10	7	5	3	1
15°	40	34	29	24	19	15	11	8	5	3	2
12.5°	42	36	30	25	21	16	12	9	6	3	2
10°	44	38	32	27	22	17	13	9	6	4	2
7.5°	46	40	33	28	23	18	14	10	7	4	2
5°	47	41	34	29	24	19	14	10	7	4	3
2.5°	48	42	35	30	25	20	15	11	8	4	3
0°	49	42	36	30	25	20	15	11	8	5	3
-2.5°	49	43	37	31	26	21	16	12	8	5	3
-5°	50	43	37	31	26	21	16	12	9	5	3
-7.5°	50	43	38	32	27	22	16	12	9	6	3
-10°	50	44	38	32	27	22	16	12	9	6	3
-12.5°	50	44	38	32	27	22	17	12	9	6	3
-15°	49	44	38	32	27	22	17	13	9	6	3
-17.5°	49	43	38	32	27	22	17	13	9	6	3
-20°	48	43	37	31	27	22	17	13	9	6	3

Classified

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

Scaled Data Report



REPORT NUMBER: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	47	42	36	31	26	22	17	12	9	6	4
-25°	46	41	36	31	26	22	17	12	9	6	4
-27.5°	45	40	35	30	26	21	16	12	9	6	4
-30°	44	39	34	29	25	21	16	12	8	6	4
-32.5°	42	38	33	29	24	20	15	11	8	6	4
-35°	41	36	32	27	23	19	14	10	8	5	4
-37.5°	39	35	31	26	22	18	14	10	7	5	4
-40°	37	34	29	25	21	17	13	10	7	5	3
-42.5°	36	32	28	24	20	16	13	10	7	5	3
-45°	34	30	27	23	19	16	12	9	7	5	3
-47.5°	32	29	25	21	18	15	11	9	6	5	3
-50°	30	27	23	20	17	14	11	8	6	4	3
-52.5°	29	25	22	19	16	13	10	7	6	4	3
-55°	26	23	20	17	14	12	9	7	5	4	2
-57.5°	24	21	18	16	13	10	8	6	5	3	2
-60°	22	19	16	14	11	9	7	6	4	3	2
-62.5°	19	17	15	12	10	8	6	5	4	3	2
-65°	17	15	13	10	9	7	6	4	3	2	2
-67.5°	14	12	11	9	7	6	5	4	3	2	1
-70°	12	10	9	7	6	5	4	3	2	2	1
-72.5°	10	8	7	6	5	4	3	3	2	2	1
-75°	8	7	6	5	4	3	3	2	2	1	1
-77.5°	6	5	4	4	3	3	2	2	1	1	1
-80°	4	4	3	3	2	2	2	1	1	1	1
-82.5°	3	3	2	2	2	1	1	1	1	1	0
-85°	2	1	1	1	1	1	1	0	0	0	0
-87.5°	1	1	1	1	0	0	0	0	0	0	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: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0
32.5°	1	0	0	0	0	0	0
30°	1	0	0	0	0	0	0
27.5°	1	0	0	0	0	0	0
25°	1	0	0	0	0	0	0
22.5°	1	1	0	0	0	0	0
20°	1	1	0	0	0	0	0
17.5°	1	1	0	0	0	0	0
15°	1	1	0	0	0	0	0
12.5°	1	1	0	0	0	0	0
10°	1	1	0	0	0	0	0
7.5°	1	1	0	0	0	0	0
5°	1	1	0	0	0	0	0
2.5°	1	1	0	0	0	0	0
0°	1	1	1	0	0	0	0
-2.5°	1	1	0	0	0	0	0
-5°	1	1	0	0	0	0	0
-7.5°	2	1	0	0	0	0	0
-10°	2	1	0	0	0	0	0
-12.5°	2	1	0	0	0	0	0
-15°	2	1	0	0	0	0	0
-17.5°	2	1	0	0	0	0	0
-20°	2	1	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P626534 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-727-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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