

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: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626564 (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-740-U-MR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (16) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2731 lumens  
Efficiency: N/A  
Efficacy: 150.9 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 9628.9 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 1365.5 lumens  
Beam Efficiency: 50.0%

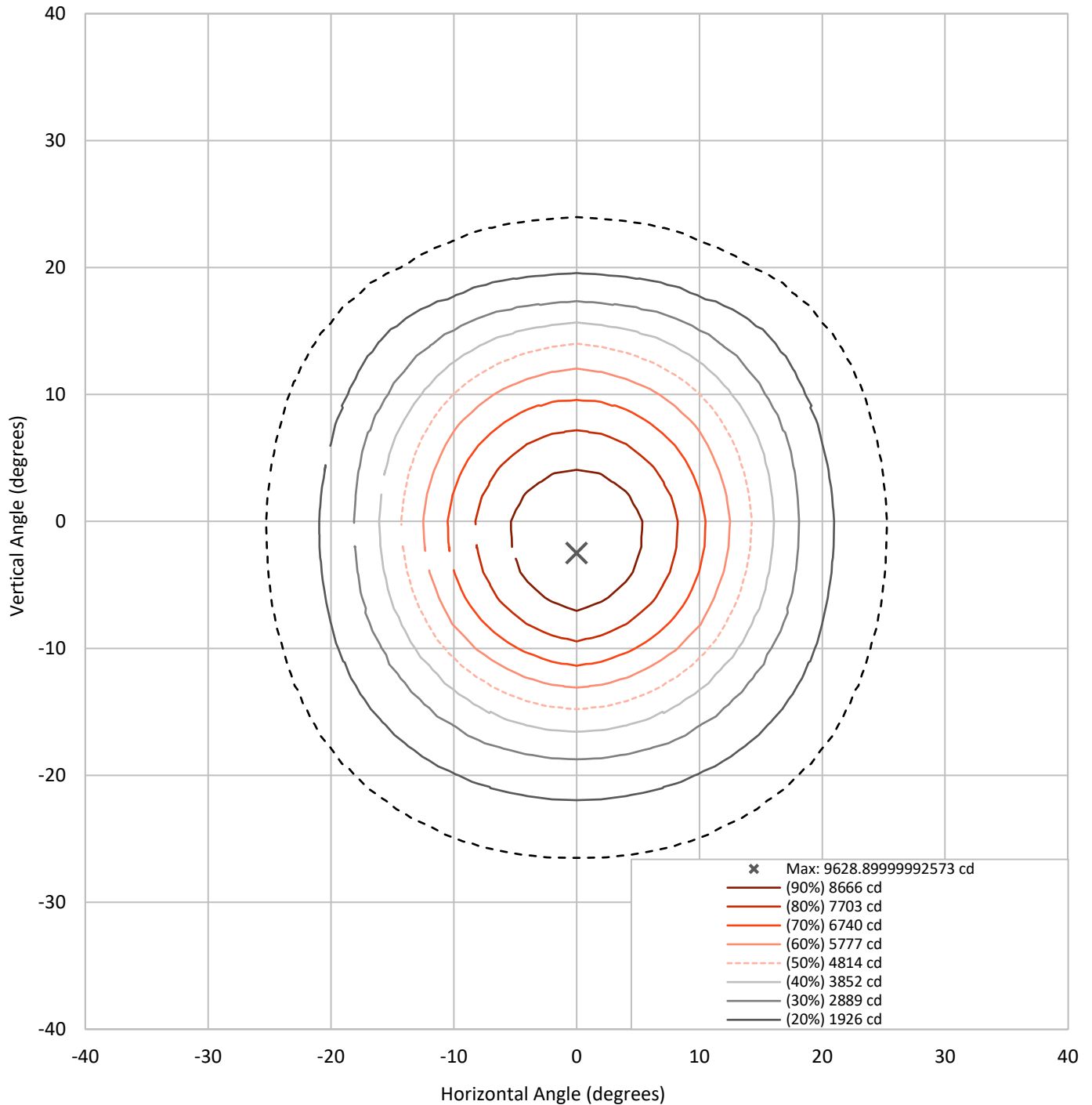
Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 2346.4 lumens  
Field Efficiency: 85.9%

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: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-740-U-MR-VSR-XX

### Iso-Candela Plot





REPORT NUMBER: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)

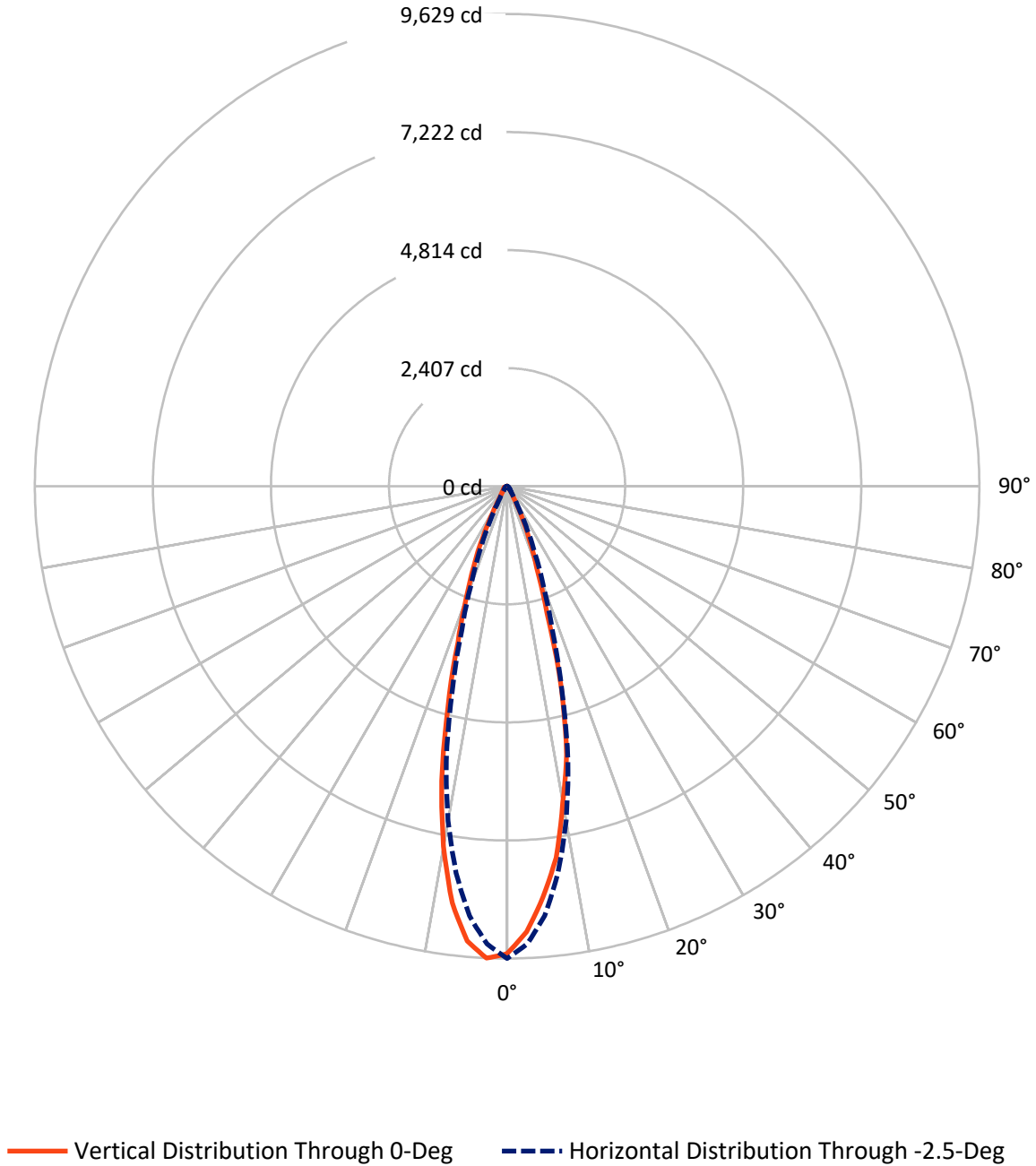
CATALOG NUMBER: GFLD-SA1A-740-U-MR-VSR-XX

### Lumen Table

90	0.0															
80	0.0															
70	0.0															
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	0.1	0.2	0.3	0.4	0.5	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0
40	0.0	0.0	0.1	0.3	0.6	0.9	1.2	1.5	1.5	1.2	0.9	0.6	0.3	0.1	0.0	0.0
30	0.0	0.1	0.4	0.9	1.7	4.1	13.0	23.8	23.8	13.0	4.1	1.7	0.9	0.4	0.1	0.0
20	0.0	0.1	0.5	1.2	2.9	14.2	57.8	113.2	113.2	57.8	14.2	2.9	1.2	0.5	0.1	0.0
10	0.0	0.2	0.6	1.4	4.2	27.1	116.8	228.9	228.9	116.8	27.1	4.2	1.4	0.6	0.2	0.0
0	0.0	0.2	0.7	1.5	4.5	28.4	119.8	242.7	242.7	119.8	28.4	4.5	1.5	0.7	0.2	0.0
-10	0.1	0.2	0.7	1.5	3.7	17.4	66.3	128.4	128.4	66.3	17.4	3.7	1.5	0.7	0.2	0.1
-20	0.1	0.2	0.7	1.4	2.7	6.8	20.5	36.6	36.6	20.5	6.8	2.7	1.4	0.7	0.2	0.1
-30	0.0	0.2	0.6	1.2	2.0	3.3	5.5	7.3	7.3	5.5	3.3	2.0	1.2	0.6	0.2	0.0
-40	0.0	0.2	0.5	1.0	1.6	2.3	3.0	3.4	3.4	3.0	2.3	1.6	1.0	0.5	0.2	0.0
-50	0.0	0.1	0.4	0.8	1.3	1.8	2.2	2.4	2.4	2.2	1.8	1.3	0.8	0.4	0.1	0.0
-60	0.0	0.1	0.2	0.5	0.8	1.2	1.5	1.7	1.7	1.5	1.2	0.8	0.5	0.2	0.1	0.0
-70	0.0	0.2	0.8	1.7	2.2	1.7	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80	0.0	0.2	0.8	1.7	2.2	1.7	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90	0.0															

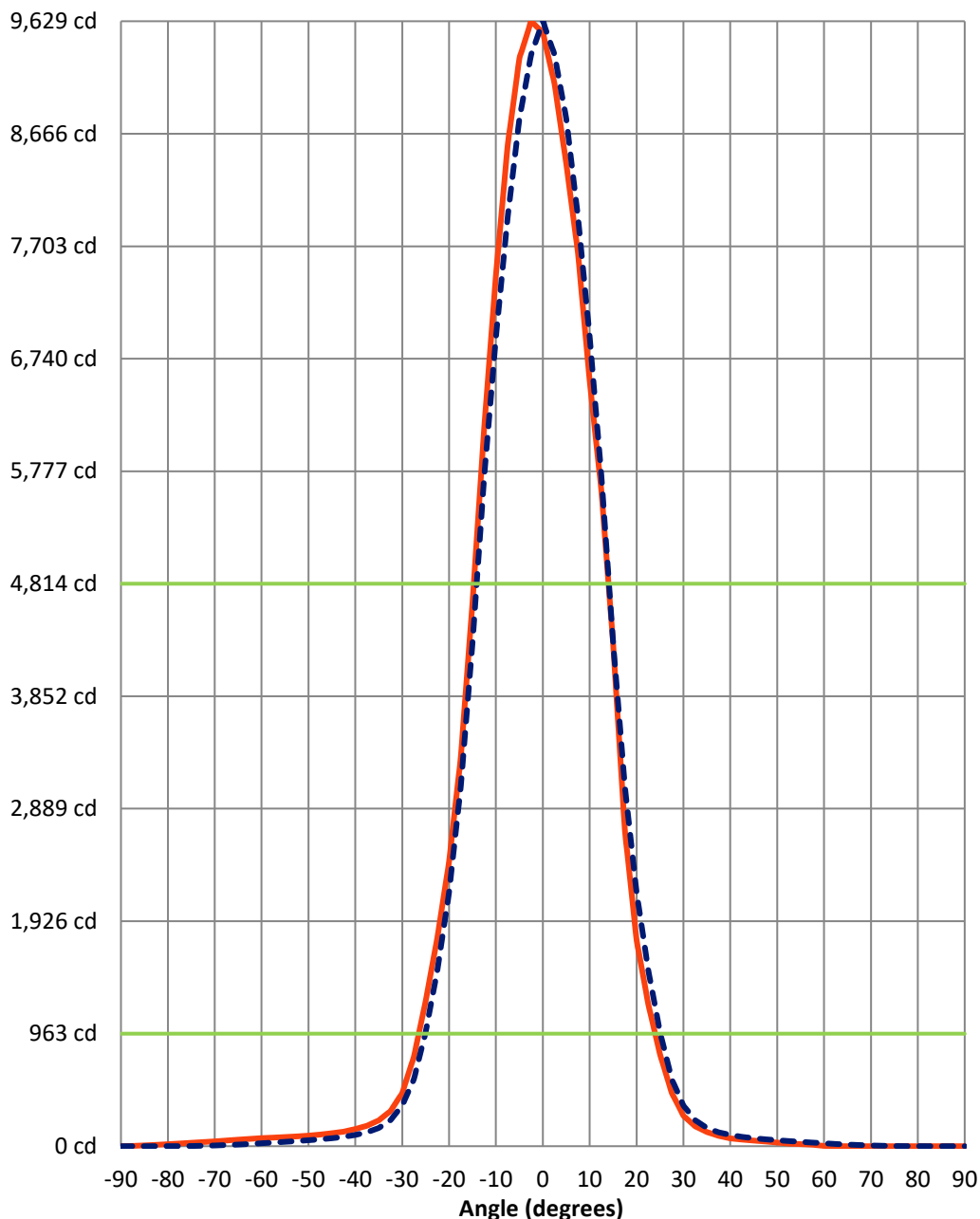
REPORT NUMBER: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-740-U-MR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-U-MR-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 1365.5  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 2346.4  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 384.6  
 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: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-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	1	0	0
47.5°	0	0	0	0	0	0	0	0	1	0	1
45°	0	0	0	0	0	0	0	1	1	1	1
42.5°	0	0	0	0	0	0	0	1	1	1	1
40°	0	0	0	0	0	0	0	1	1	1	1
37.5°	0	0	0	0	0	0	1	1	1	1	2
35°	0	0	0	0	0	0	1	1	1	1	3
32.5°	0	0	0	0	0	1	1	1	1	2	3
30°	0	0	0	0	0	1	1	1	1	3	4
27.5°	0	0	0	0	0	1	1	1	2	3	5
25°	0	0	0	0	0	1	1	1	2	4	6
22.5°	0	0	0	0	0	1	1	1	3	4	7
20°	0	0	0	0	0	1	1	2	3	5	8
17.5°	0	0	0	0	0	1	1	2	3	6	9
15°	0	0	0	0	1	1	1	2	4	6	10
12.5°	0	0	0	0	1	1	1	2	4	7	10
10°	0	0	0	0	1	1	1	3	4	8	11
7.5°	0	0	0	0	1	1	1	3	5	8	12
5°	0	0	0	0	1	1	1	3	5	9	12
2.5°	0	0	0	0	1	1	1	3	5	9	13
0°	0	0	0	0	1	1	1	4	5	10	13
-2.5°	0	0	0	0	1	1	1	4	6	10	14
-5°	0	0	0	0	1	1	2	4	7	10	14
-7.5°	0	0	0	0	1	1	2	4	7	11	14
-10°	0	0	0	0	1	1	2	4	7	11	14
-12.5°	0	0	0	0	1	1	2	4	7	11	15
-15°	0	0	0	0	1	1	2	4	7	11	15
-17.5°	0	0	0	0	1	1	2	4	7	11	15
-20°	0	0	0	0	1	1	2	4	7	11	15

Classified

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

Scaled Data Report



REPORT NUMBER: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-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	1	1	2	4	7	11	15
-25°	0	0	0	0	1	1	3	4	7	11	15
-27.5°	0	0	0	0	1	1	3	5	7	10	14
-30°	0	0	0	0	1	1	2	5	7	10	14
-32.5°	0	0	0	0	1	1	2	4	7	10	13
-35°	0	0	0	0	1	1	2	4	7	9	13
-37.5°	0	0	0	0	1	1	2	4	6	9	12
-40°	0	0	0	0	1	1	2	4	6	9	12
-42.5°	0	0	0	0	1	1	2	4	6	8	11
-45°	0	0	0	0	1	1	2	4	6	8	11
-47.5°	0	0	0	0	1	1	2	4	6	8	10
-50°	0	0	0	0	1	1	2	3	5	7	10
-52.5°	0	0	0	0	1	1	2	3	5	7	9
-55°	0	0	0	0	1	1	2	3	4	6	8
-57.5°	0	0	0	0	0	1	2	3	4	6	7
-60°	0	0	0	0	0	1	2	2	4	5	7
-62.5°	0	0	0	0	0	1	1	2	3	4	6
-65°	0	0	0	0	0	1	1	2	3	4	5
-67.5°	0	0	0	0	0	1	1	2	2	3	5
-70°	0	0	0	0	0	1	1	2	2	3	4
-72.5°	0	0	0	0	0	1	1	1	2	2	3
-75°	0	0	0	0	0	1	1	1	1	2	3
-77.5°	0	0	0	0	0	0	1	1	1	2	2
-80°	0	0	0	0	0	0	1	1	1	1	1
-82.5°	0	0	0	0	0	0	0	1	1	1	1
-85°	0	0	0	0	0	0	0	0	0	0	1
-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: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-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	1	1	1
57.5°	0	0	0	0	0	1	1	1	2	3	3
55°	0	0	0	1	1	1	2	3	4	5	6
52.5°	0	1	1	1	2	3	4	5	7	8	9
50°	1	1	1	2	3	4	6	8	10	11	13
47.5°	1	1	2	3	5	7	9	11	12	14	17
45°	1	2	3	5	7	10	12	13	16	18	21
42.5°	2	3	4	6	9	12	14	16	19	22	25
40°	2	4	6	9	12	14	17	20	22	26	29
37.5°	3	5	7	11	14	17	20	23	26	30	33
35°	4	6	9	13	16	20	23	27	31	35	38
32.5°	5	8	11	15	19	23	26	31	35	39	44
30°	6	9	13	17	21	25	30	35	39	43	49
27.5°	8	11	15	19	23	27	33	38	42	48	53
25°	9	12	16	21	25	30	36	41	46	52	58
22.5°	10	14	18	22	27	33	39	45	50	56	64
20°	11	15	20	24	29	36	42	48	55	62	70
17.5°	12	17	22	26	32	38	45	52	59	68	79
15°	14	18	23	28	34	41	48	56	64	74	86
12.5°	15	19	25	30	36	43	51	59	68	80	96
10°	15	20	26	32	38	45	53	61	71	85	103
7.5°	16	22	28	34	40	47	55	63	74	88	108
5°	17	23	29	35	41	49	56	65	76	91	113
2.5°	18	24	30	36	42	50	57	67	78	94	116
0°	18	24	30	36	43	50	58	67	79	96	118
-2.5°	19	25	31	37	44	51	59	68	80	96	119
-5°	19	26	32	38	44	51	59	68	80	97	119
-7.5°	20	26	32	38	45	52	59	69	81	96	119
-10°	20	26	32	38	45	52	60	69	80	95	117
-12.5°	20	26	32	39	45	52	59	68	79	93	113
-15°	20	26	32	39	45	52	59	67	77	91	108
-17.5°	20	26	32	38	45	52	58	66	76	89	105
-20°	20	26	32	38	44	51	58	65	74	86	100

Classified

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

Scaled Data Report



REPORT NUMBER: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-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°	20	26	32	37	44	50	57	64	72	82	95
-25°	20	26	31	37	43	49	56	62	70	79	90
-27.5°	19	25	31	36	42	48	54	60	68	76	86
-30°	19	25	30	35	41	46	52	59	65	73	82
-32.5°	18	24	29	34	40	45	50	57	63	70	78
-35°	17	23	28	33	38	44	49	54	60	67	73
-37.5°	17	21	27	31	37	42	47	52	57	64	70
-40°	16	20	25	30	35	40	45	49	54	60	66
-42.5°	15	19	24	29	33	38	43	47	52	57	63
-45°	15	19	23	27	32	36	40	45	50	54	60
-47.5°	14	18	22	26	30	34	38	43	47	52	57
-50°	13	17	20	24	28	32	36	40	44	49	54
-52.5°	12	15	19	22	26	30	34	38	42	46	50
-55°	11	14	17	20	24	28	32	35	39	43	47
-57.5°	10	12	15	19	22	25	29	32	36	40	43
-60°	9	11	14	17	20	23	26	29	33	36	40
-62.5°	8	10	12	15	17	20	23	26	30	32	35
-65°	7	8	10	13	15	18	20	23	26	29	31
-67.5°	6	7	9	11	13	15	17	20	22	24	27
-70°	5	6	7	9	10	12	14	16	18	20	22
-72.5°	4	5	6	7	8	10	12	13	15	17	18
-75°	3	4	5	6	7	8	9	11	12	13	15
-77.5°	3	3	4	5	5	6	7	8	10	11	12
-80°	2	2	3	3	4	5	5	6	7	8	9
-82.5°	1	2	2	2	3	3	4	4	5	5	6
-85°	1	1	1	1	2	2	2	2	3	3	3
-87.5°	0	0	1	1	1	1	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-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°	2	1	2	3	3	2	3	3	3	3	3
57.5°	4	5	6	6	7	8	9	9	9	9	10
55°	7	8	9	10	11	12	13	14	15	16	16
52.5°	10	12	12	14	15	16	17	19	20	21	22
50°	14	16	17	19	21	22	23	25	27	29	30
47.5°	19	21	23	25	27	28	30	32	35	38	39
45°	23	25	28	30	32	34	37	39	42	45	46
42.5°	27	29	32	35	37	40	43	46	49	52	55
40°	31	34	38	40	43	46	51	55	59	63	65
37.5°	36	40	45	48	51	55	62	69	74	79	83
35°	43	48	53	57	61	69	77	86	95	102	109
32.5°	49	54	59	65	73	83	94	108	121	135	148
30°	54	60	67	74	86	101	118	140	164	188	215
27.5°	60	66	74	86	104	124	155	190	240	280	344
25°	66	73	84	103	128	163	218	280	383	470	569
22.5°	73	85	100	124	165	229	314	449	607	753	893
20°	82	98	124	162	222	319	480	685	905	1119	1326
17.5°	94	119	156	211	295	500	740	1033	1408	1690	1958
15°	105	136	192	281	440	704	1039	1488	1993	2418	2899
12.5°	118	156	223	338	566	914	1341	1877	2475	3120	3873
10°	130	176	262	421	697	1103	1581	2209	2978	3890	4842
7.5°	138	193	295	483	807	1257	1827	2592	3565	4632	5717
5°	145	205	321	532	901	1382	2007	2895	4004	5228	6307
2.5°	151	214	338	561	965	1468	2130	3055	4272	5617	6750
0°	155	220	347	583	994	1508	2187	3120	4398	5808	6973
-2.5°	156	223	348	575	976	1506	2174	3081	4311	5732	6926
-5°	157	221	339	560	945	1452	2087	2929	4046	5379	6589
-7.5°	155	216	321	522	873	1357	1966	2705	3620	4796	6046
-10°	151	205	297	472	775	1208	1776	2401	3132	4092	5105
-12.5°	144	190	264	395	659	1039	1543	2095	2665	3295	4129
-15°	135	174	237	349	552	862	1270	1736	2209	2692	3201
-17.5°	128	160	209	287	424	675	1001	1376	1759	2143	2485
-20°	119	144	182	243	342	490	736	1027	1314	1627	1889

Classified

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

Scaled Data Report



REPORT NUMBER: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-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°	111	132	161	199	266	370	510	715	933	1160	1376
-25°	104	120	142	173	213	275	368	475	628	767	927
-27.5°	98	111	126	149	179	213	270	333	413	479	586
-30°	92	102	115	130	152	178	208	246	285	325	376
-32.5°	86	95	105	117	130	150	169	193	215	238	263
-35°	81	88	97	106	117	129	144	160	174	188	201
-37.5°	76	82	90	97	105	114	126	137	146	156	164
-40°	72	77	83	89	96	103	112	120	127	133	138
-42.5°	68	73	78	83	89	95	102	108	113	117	120
-45°	65	69	73	77	82	88	94	99	102	105	108
-47.5°	61	65	69	73	77	82	86	90	93	96	98
-50°	57	61	65	68	72	76	80	83	86	88	89
-52.5°	54	57	61	64	68	71	74	77	80	82	83
-55°	50	54	57	60	63	66	69	72	74	77	77
-57.5°	47	51	54	57	59	62	65	67	70	72	73
-60°	43	47	50	52	55	57	60	62	64	66	67
-62.5°	39	42	45	47	49	52	54	56	58	60	61
-65°	33	36	39	41	43	45	47	49	51	52	53
-67.5°	29	31	33	35	37	39	41	43	44	45	46
-70°	24	26	28	30	32	34	35	37	38	39	40
-72.5°	20	22	23	25	27	28	30	31	32	33	34
-75°	16	18	19	21	22	23	24	25	27	27	28
-77.5°	13	14	15	16	17	18	19	20	21	21	22
-80°	10	10	11	12	13	14	14	15	16	16	17
-82.5°	7	7	8	8	9	9	10	10	10	11	11
-85°	4	4	5	5	5	6	6	6	6	7	7
-87.5°	1	2	2	2	2	2	2	2	2	2	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-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	1	1	1	1	1	1	1	1	1
60°	3	2	2	2	2	2	3	3	3	3	3
57.5°	11	12	13	13	13	12	11	10	9	9	9
55°	17	18	18	18	18	18	17	16	16	15	14
52.5°	22	22	22	22	22	22	22	22	21	20	19
50°	31	31	31	31	31	31	31	30	29	27	25
47.5°	40	40	40	40	40	40	40	39	38	35	32
45°	47	48	48	48	48	48	47	46	45	42	39
42.5°	56	56	56	56	56	56	56	55	52	49	46
40°	67	67	67	67	67	67	67	65	63	59	55
37.5°	85	86	87	89	87	86	85	83	79	74	69
35°	114	117	119	121	119	117	114	109	102	95	86
32.5°	157	164	167	170	167	164	157	148	135	121	108
30°	234	246	251	261	251	246	234	215	188	164	140
27.5°	391	421	433	457	433	421	391	344	280	240	190
25°	659	723	758	786	758	723	659	569	470	383	280
22.5°	1034	1127	1177	1214	1177	1127	1034	893	753	607	449
20°	1514	1638	1711	1765	1711	1638	1514	1326	1119	905	685
17.5°	2301	2495	2609	2706	2609	2495	2301	1958	1690	1408	1033
15°	3435	3825	4129	4298	4129	3825	3435	2899	2418	1993	1488
12.5°	4538	5110	5450	5606	5450	5110	4538	3873	3120	2475	1877
10°	5629	6169	6492	6549	6492	6169	5629	4842	3890	2978	2209
7.5°	6465	7058	7487	7643	7487	7058	6465	5717	4632	3565	2592
5°	7202	7897	8351	8409	8351	7897	7202	6307	5228	4004	2895
2.5°	7745	8500	8941	9092	8941	8500	7745	6750	5617	4272	3055
0°	8008	8821	9311	9532	9311	8821	8008	6973	5808	4398	3120
-2.5°	7952	8793	9341	9629	9341	8793	7952	6926	5732	4311	3081
-5°	7650	8493	9004	9310	9004	8493	7650	6589	5379	4046	2929
-7.5°	6953	7741	8285	8567	8285	7741	6953	6046	4796	3620	2705
-10°	6054	6722	7217	7458	7217	6722	6054	5105	4092	3132	2401
-12.5°	4887	5534	5981	6151	5981	5534	4887	4129	3295	2665	2095
-15°	3744	4238	4556	4656	4556	4238	3744	3201	2692	2209	1736
-17.5°	2839	3105	3284	3332	3284	3105	2839	2485	2143	1759	1376
-20°	2127	2292	2408	2435	2408	2292	2127	1889	1627	1314	1027

Classified

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

Scaled Data Report



REPORT NUMBER: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-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°	1550	1674	1767	1786	1767	1674	1550	1376	1160	933	715
-25°	1069	1173	1236	1241	1236	1173	1069	927	767	628	475
-27.5°	670	727	757	767	757	727	670	586	479	413	333
-30°	414	440	454	455	454	440	414	376	325	285	246
-32.5°	281	294	301	301	301	294	281	263	238	215	193
-35°	211	217	221	221	221	217	211	201	188	174	160
-37.5°	169	173	175	175	175	173	169	164	156	146	137
-40°	142	144	146	147	146	144	142	138	133	127	120
-42.5°	122	124	125	124	125	124	122	120	117	113	108
-45°	109	110	111	111	111	110	109	108	105	102	99
-47.5°	98	99	99	99	99	99	98	98	96	93	90
-50°	90	90	91	90	91	90	90	89	88	86	83
-52.5°	83	83	84	84	84	83	83	83	82	80	77
-55°	78	78	78	78	78	78	78	77	77	74	72
-57.5°	73	74	74	73	74	74	73	73	72	70	67
-60°	68	69	69	69	69	69	68	67	66	64	62
-62.5°	61	62	62	62	62	62	61	61	60	58	56
-65°	54	54	55	56	55	54	54	53	52	51	49
-67.5°	47	47	48	48	48	47	47	46	45	44	43
-70°	40	41	41	41	41	41	40	40	39	38	37
-72.5°	34	35	35	35	35	35	34	34	33	32	31
-75°	28	29	29	29	29	29	28	28	27	27	25
-77.5°	22	23	23	23	23	23	22	22	21	21	20
-80°	17	18	17	17	17	18	17	17	16	16	15
-82.5°	12	12	12	12	12	12	12	11	11	10	10
-85°	7	7	7	7	7	7	7	7	7	6	6
-87.5°	3	3	3	2	3	3	3	3	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-740-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°	3	2	3	3	2	1	2	1	1	1	0
57.5°	9	8	7	6	6	5	4	3	3	2	1
55°	13	12	11	10	9	8	7	6	5	4	3
52.5°	17	16	15	14	12	12	10	9	8	7	5
50°	23	22	21	19	17	16	14	13	11	10	8
47.5°	30	28	27	25	23	21	19	17	14	12	11
45°	37	34	32	30	28	25	23	21	18	16	13
42.5°	43	40	37	35	32	29	27	25	22	19	16
40°	51	46	43	40	38	34	31	29	26	22	20
37.5°	62	55	51	48	45	40	36	33	30	26	23
35°	77	69	61	57	53	48	43	38	35	31	27
32.5°	94	83	73	65	59	54	49	44	39	35	31
30°	118	101	86	74	67	60	54	49	43	39	35
27.5°	155	124	104	86	74	66	60	53	48	42	38
25°	218	163	128	103	84	73	66	58	52	46	41
22.5°	314	229	165	124	100	85	73	64	56	50	45
20°	480	319	222	162	124	98	82	70	62	55	48
17.5°	740	500	295	211	156	119	94	79	68	59	52
15°	1039	704	440	281	192	136	105	86	74	64	56
12.5°	1341	914	566	338	223	156	118	96	80	68	59
10°	1581	1103	697	421	262	176	130	103	85	71	61
7.5°	1827	1257	807	483	295	193	138	108	88	74	63
5°	2007	1382	901	532	321	205	145	113	91	76	65
2.5°	2130	1468	965	561	338	214	151	116	94	78	67
0°	2187	1508	994	583	347	220	155	118	96	79	67
-2.5°	2174	1506	976	575	348	223	156	119	96	80	68
-5°	2087	1452	945	560	339	221	157	119	97	80	68
-7.5°	1966	1357	873	522	321	216	155	119	96	81	69
-10°	1776	1208	775	472	297	205	151	117	95	80	69
-12.5°	1543	1039	659	395	264	190	144	113	93	79	68
-15°	1270	862	552	349	237	174	135	108	91	77	67
-17.5°	1001	675	424	287	209	160	128	105	89	76	66
-20°	736	490	342	243	182	144	119	100	86	74	65

Classified

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

Scaled Data Report



REPORT NUMBER: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-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°	510	370	266	199	161	132	111	95	82	72	64
-25°	368	275	213	173	142	120	104	90	79	70	62
-27.5°	270	213	179	149	126	111	98	86	76	68	60
-30°	208	178	152	130	115	102	92	82	73	65	59
-32.5°	169	150	130	117	105	95	86	78	70	63	57
-35°	144	129	117	106	97	88	81	73	67	60	54
-37.5°	126	114	105	97	90	82	76	70	64	57	52
-40°	112	103	96	89	83	77	72	66	60	54	49
-42.5°	102	95	89	83	78	73	68	63	57	52	47
-45°	94	88	82	77	73	69	65	60	54	50	45
-47.5°	86	82	77	73	69	65	61	57	52	47	43
-50°	80	76	72	68	65	61	57	54	49	44	40
-52.5°	74	71	68	64	61	57	54	50	46	42	38
-55°	69	66	63	60	57	54	50	47	43	39	35
-57.5°	65	62	59	57	54	51	47	43	40	36	32
-60°	60	57	55	52	50	47	43	40	36	33	29
-62.5°	54	52	49	47	45	42	39	35	32	30	26
-65°	47	45	43	41	39	36	33	31	29	26	23
-67.5°	41	39	37	35	33	31	29	27	24	22	20
-70°	35	34	32	30	28	26	24	22	20	18	16
-72.5°	30	28	27	25	23	22	20	18	17	15	13
-75°	24	23	22	21	19	18	16	15	13	12	11
-77.5°	19	18	17	16	15	14	13	12	11	10	8
-80°	14	14	13	12	11	10	10	9	8	7	6
-82.5°	10	9	9	8	8	7	7	6	5	5	4
-85°	6	6	5	5	5	4	4	3	3	3	2
-87.5°	2	2	2	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: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-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	1	0	0	0	0	0	0	0
52.5°	4	3	2	1	1	1	0	0	0	0	0
50°	6	4	3	2	1	1	1	0	0	1	0
47.5°	9	7	5	3	2	1	1	1	0	1	0
45°	12	10	7	5	3	2	1	1	1	1	1
42.5°	14	12	9	6	4	3	2	1	1	1	1
40°	17	14	12	9	6	4	2	1	1	1	1
37.5°	20	17	14	11	7	5	3	2	1	1	1
35°	23	20	16	13	9	6	4	3	1	1	1
32.5°	26	23	19	15	11	8	5	3	2	1	1
30°	30	25	21	17	13	9	6	4	3	1	1
27.5°	33	27	23	19	15	11	8	5	3	2	1
25°	36	30	25	21	16	12	9	6	4	2	1
22.5°	39	33	27	22	18	14	10	7	4	3	1
20°	42	36	29	24	20	15	11	8	5	3	2
17.5°	45	38	32	26	22	17	12	9	6	3	2
15°	48	41	34	28	23	18	14	10	6	4	2
12.5°	51	43	36	30	25	19	15	10	7	4	2
10°	53	45	38	32	26	20	15	11	8	4	3
7.5°	55	47	40	34	28	22	16	12	8	5	3
5°	56	49	41	35	29	23	17	12	9	5	3
2.5°	57	50	42	36	30	24	18	13	9	5	3
0°	58	50	43	36	30	24	18	13	10	5	4
-2.5°	59	51	44	37	31	25	19	14	10	6	4
-5°	59	51	44	38	32	26	19	14	10	7	4
-7.5°	59	52	45	38	32	26	20	14	11	7	4
-10°	60	52	45	38	32	26	20	14	11	7	4
-12.5°	59	52	45	39	32	26	20	15	11	7	4
-15°	59	52	45	39	32	26	20	15	11	7	4
-17.5°	58	52	45	38	32	26	20	15	11	7	4
-20°	58	51	44	38	32	26	20	15	11	7	4

Classified

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

Scaled Data Report



REPORT NUMBER: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-740-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°	57	50	44	37	32	26	20	15	11	7	4
-25°	56	49	43	37	31	26	20	15	11	7	4
-27.5°	54	48	42	36	31	25	19	14	10	7	5
-30°	52	46	41	35	30	25	19	14	10	7	5
-32.5°	50	45	40	34	29	24	18	13	10	7	4
-35°	49	44	38	33	28	23	17	13	9	7	4
-37.5°	47	42	37	31	27	21	17	12	9	6	4
-40°	45	40	35	30	25	20	16	12	9	6	4
-42.5°	43	38	33	29	24	19	15	11	8	6	4
-45°	40	36	32	27	23	19	15	11	8	6	4
-47.5°	38	34	30	26	22	18	14	10	8	6	4
-50°	36	32	28	24	20	17	13	10	7	5	3
-52.5°	34	30	26	22	19	15	12	9	7	5	3
-55°	32	28	24	20	17	14	11	8	6	4	3
-57.5°	29	25	22	19	15	12	10	7	6	4	3
-60°	26	23	20	17	14	11	9	7	5	4	2
-62.5°	23	20	17	15	12	10	8	6	4	3	2
-65°	20	18	15	13	10	8	7	5	4	3	2
-67.5°	17	15	13	11	9	7	6	5	3	2	2
-70°	14	12	10	9	7	6	5	4	3	2	2
-72.5°	12	10	8	7	6	5	4	3	2	2	1
-75°	9	8	7	6	5	4	3	3	2	1	1
-77.5°	7	6	5	5	4	3	3	2	2	1	1
-80°	5	5	4	3	3	2	2	1	1	1	1
-82.5°	4	3	3	2	2	2	1	1	1	1	1
-85°	2	2	2	1	1	1	1	1	0	0	0
-87.5°	1	1	1	1	1	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: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-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°	1	0	0	0	0	0	0
35°	1	0	0	0	0	0	0
32.5°	1	1	0	0	0	0	0
30°	1	1	0	0	0	0	0
27.5°	1	1	0	0	0	0	0
25°	1	1	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	1	0	0	0	0
12.5°	1	1	1	0	0	0	0
10°	1	1	1	0	0	0	0
7.5°	1	1	1	0	0	0	0
5°	1	1	1	0	0	0	0
2.5°	1	1	1	0	0	0	0
0°	1	1	1	0	0	0	0
-2.5°	1	1	1	0	0	0	0
-5°	2	1	1	0	0	0	0
-7.5°	2	1	1	0	0	0	0
-10°	2	1	1	0	0	0	0
-12.5°	2	1	1	0	0	0	0
-15°	2	1	1	0	0	0	0
-17.5°	2	1	1	0	0	0	0
-20°	2	1	1	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P626564 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	2	1	1	0	0	0	0
-25°	3	1	1	0	0	0	0
-27.5°	3	1	1	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	1	0	0	0	0
-57.5°	2	1	0	0	0	0	0
-60°	2	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	1	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)