

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: P626524 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626524 (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-722-U-MR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2011.6 lumens  
Efficiency: N/A  
Efficacy: 111.1 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 7092.5 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 1005.8 lumens  
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 1728.3 lumens  
Field Efficiency: 85.9%

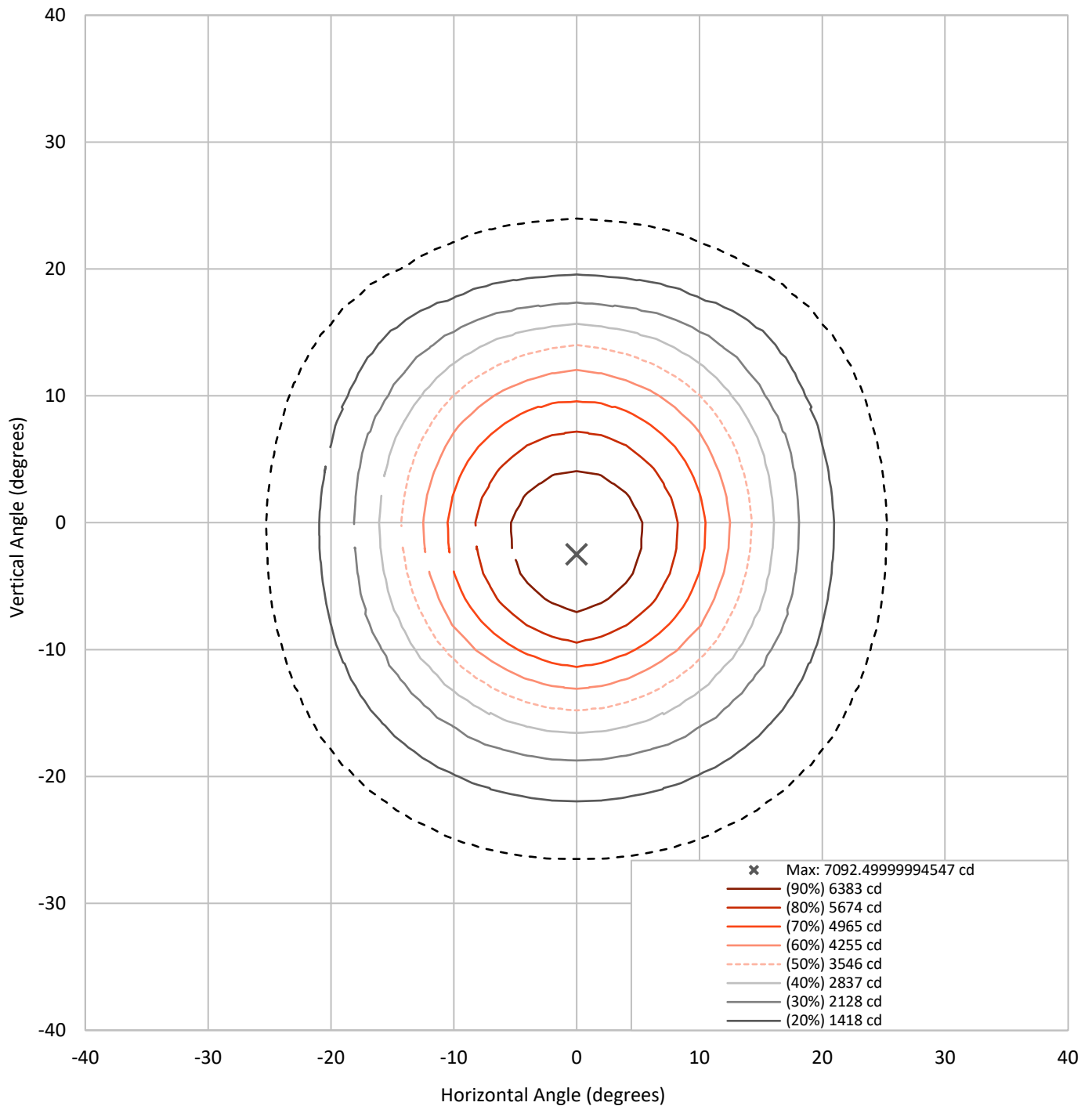
Input Watts (W): 18.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P626524 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-MR-VSR-XX

### Iso-Candela Plot





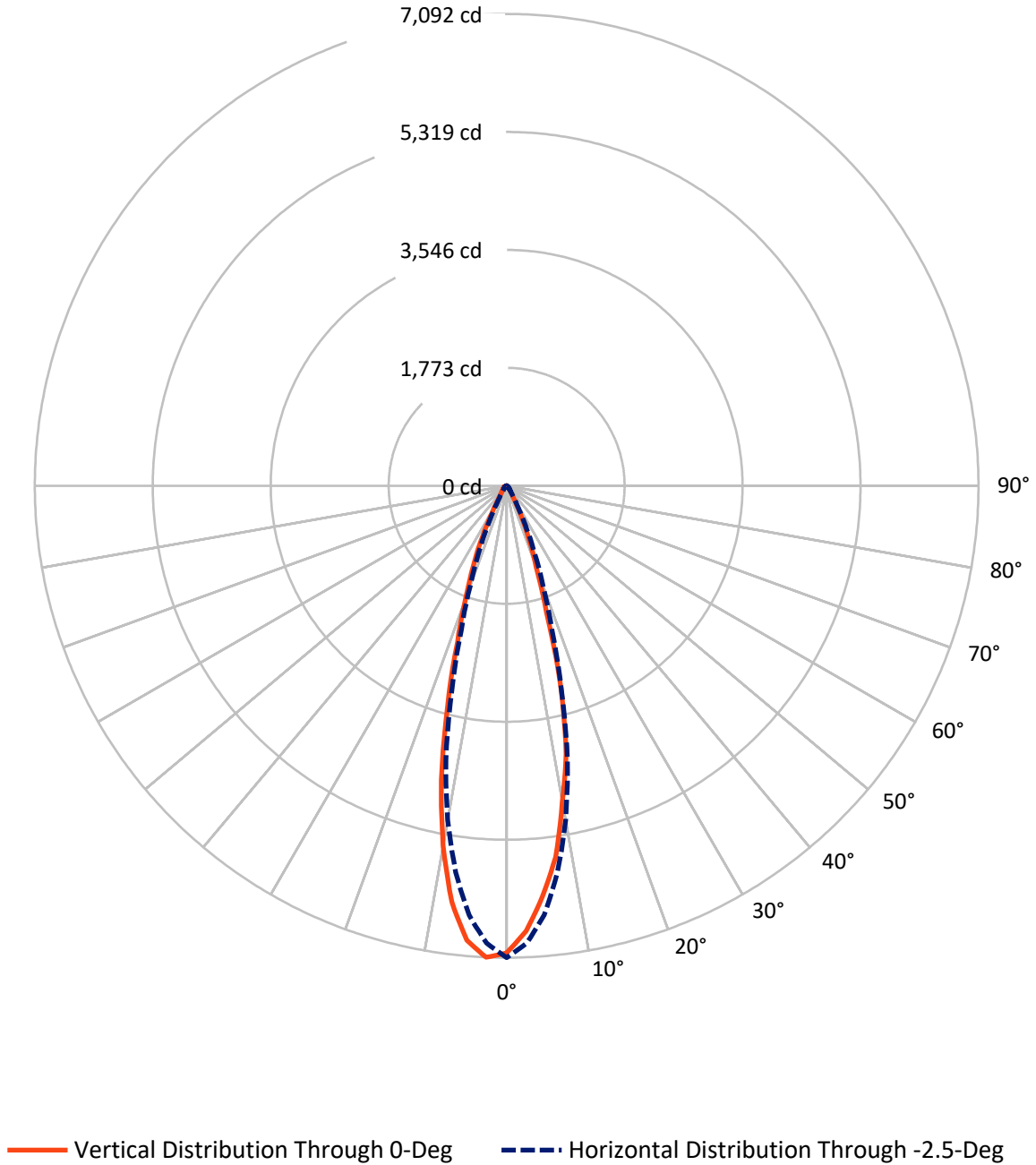
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### Lumen Table

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	0.1	0.2	0.3	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0			
40	0.0	0.0	0.1	0.2	0.4	0.7	0.9	1.1	1.1	0.9	0.7	0.4	0.2	0.1	0.0	0.0			
30	0.0	0.1	0.3	0.7	1.2	3.0	9.5	17.5	17.5	9.5	3.0	1.2	0.7	0.3	0.1	0.0			
20	0.0	0.1	0.4	0.9	2.1	10.5	42.6	83.4	83.4	42.6	10.5	2.1	0.9	0.4	0.1	0.0			
10	0.0	0.1	0.5	1.1	3.1	20.0	86.0	168.6	168.6	86.0	20.0	3.1	1.1	0.5	0.1	0.0			
0	0.0	0.1	0.5	1.1	3.3	20.9	88.3	178.8	178.8	88.3	20.9	3.3	1.1	0.5	0.1	0.0			
-10	0.0	0.2	0.5	1.1	2.7	12.8	48.8	94.6	94.6	48.8	12.8	2.7	1.1	0.5	0.2	0.0			
-20	0.0	0.2	0.5	1.0	2.0	5.0	15.1	27.0	27.0	15.1	5.0	2.0	1.0	0.5	0.2	0.0			
-30	0.0	0.1	0.4	0.9	1.5	2.5	4.0	5.4	5.4	4.0	2.5	1.5	0.9	0.4	0.1	0.0			
-40	0.0	0.1	0.4	0.7	1.2	1.7	2.2	2.5	2.5	2.2	1.7	1.2	0.7	0.4	0.1	0.0			
-50	0.0	0.1	0.3	0.6	0.9	1.3	1.6	1.8	1.8	1.6	1.3	0.9	0.6	0.3	0.1	0.0			
-60	0.0	0.1	0.2	0.4	0.6	0.9	1.1	1.2	1.2	1.1	0.9	0.6	0.4	0.2	0.1	0.0			
-70	0.0	0.1	0.6	1.3	1.6	1.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
-80	0.0	0.1	0.6	1.3	1.6	1.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
-90	0.0	0.1	0.6	1.3	1.6	1.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

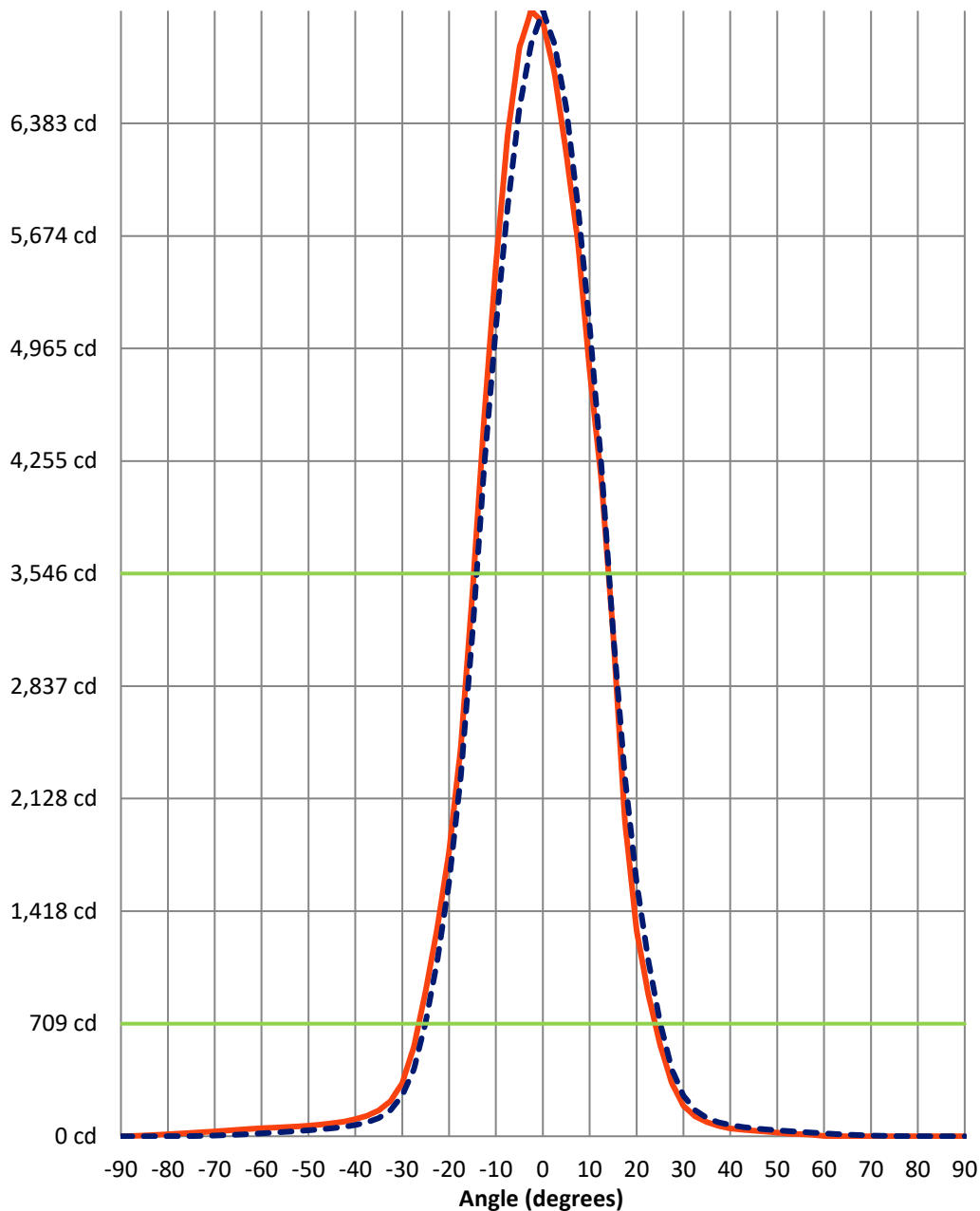
REPORT NUMBER: P626524 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 1005.8  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 1728.3  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 283.2  
 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	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	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	1
40°	0	0	0	0	0	0	0	0	0	0	1
37.5°	0	0	0	0	0	0	0	0	1	1	1
35°	0	0	0	0	0	0	0	0	1	1	2
32.5°	0	0	0	0	0	0	0	0	1	1	2
30°	0	0	0	0	0	0	0	0	1	2	3
27.5°	0	0	0	0	0	0	0	1	1	2	4
25°	0	0	0	0	0	0	0	1	2	3	4
22.5°	0	0	0	0	0	0	0	1	2	3	5
20°	0	0	0	0	0	0	0	1	2	4	6
17.5°	0	0	0	0	0	0	0	1	2	4	6
15°	0	0	0	0	0	0	0	2	3	5	7
12.5°	0	0	0	0	0	0	1	2	3	5	8
10°	0	0	0	0	0	0	1	2	3	6	8
7.5°	0	0	0	0	0	0	1	2	3	6	9
5°	0	0	0	0	0	0	1	2	4	6	9
2.5°	0	0	0	0	0	0	1	3	4	7	9
0°	0	0	0	0	0	0	1	3	4	7	10
-2.5°	0	0	0	0	0	0	1	3	4	7	10
-5°	0	0	0	0	0	1	1	3	5	8	10
-7.5°	0	0	0	0	0	1	1	3	5	8	11
-10°	0	0	0	0	0	1	2	3	5	8	11
-12.5°	0	0	0	0	0	1	2	3	5	8	11
-15°	0	0	0	0	0	1	2	3	6	8	11
-17.5°	0	0	0	0	0	1	2	3	5	8	11
-20°	0	0	0	0	0	1	2	3	5	8	11

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REPORT NUMBER: P626524 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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	0	0	1	2	3	5	8	11
-25°	0	0	0	0	0	1	2	3	5	8	11
-27.5°	0	0	0	0	0	1	2	3	5	8	11
-30°	0	0	0	0	0	1	2	3	5	7	10
-32.5°	0	0	0	0	0	1	2	3	5	7	10
-35°	0	0	0	0	0	1	2	3	5	7	9
-37.5°	0	0	0	0	1	1	2	3	5	7	9
-40°	0	0	0	0	1	1	2	3	5	6	9
-42.5°	0	0	0	0	1	1	2	3	4	6	8
-45°	0	0	0	0	1	1	2	3	4	6	8
-47.5°	0	0	0	0	0	1	2	3	4	6	8
-50°	0	0	0	0	0	1	1	3	4	5	7
-52.5°	0	0	0	0	0	1	1	2	4	5	6
-55°	0	0	0	0	0	1	1	2	3	5	6
-57.5°	0	0	0	0	0	1	1	2	3	4	5
-60°	0	0	0	0	0	1	1	2	3	4	5
-62.5°	0	0	0	0	0	1	1	2	2	3	4
-65°	0	0	0	0	0	1	1	1	2	3	4
-67.5°	0	0	0	0	0	1	1	1	2	3	3
-70°	0	0	0	0	0	1	1	1	2	2	3
-72.5°	0	0	0	0	0	0	1	1	1	2	2
-75°	0	0	0	0	0	0	1	1	1	1	2
-77.5°	0	0	0	0	0	0	1	1	1	1	1
-80°	0	0	0	0	0	0	0	1	1	1	1
-82.5°	0	0	0	0	0	0	0	0	0	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: P626524 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-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	0
60°	0	0	0	0	0	0	0	0	0	0	1
57.5°	0	0	0	0	0	0	1	1	1	2	2
55°	0	0	0	0	1	1	1	2	3	4	5
52.5°	0	0	0	1	1	2	3	4	5	6	7
50°	0	0	1	1	2	3	5	6	7	8	9
47.5°	1	1	1	2	3	5	7	8	9	11	12
45°	1	1	2	3	5	7	9	10	12	13	15
42.5°	1	2	3	4	7	9	10	12	14	16	18
40°	2	3	4	6	9	11	13	14	16	19	21
37.5°	2	4	6	8	10	13	15	17	19	22	25
35°	3	5	7	10	12	15	17	20	23	25	28
32.5°	4	6	8	11	14	17	19	23	26	29	32
30°	5	7	10	13	15	18	22	25	28	32	36
27.5°	6	8	11	14	17	20	24	28	31	35	39
25°	7	9	12	15	18	22	27	30	34	38	43
22.5°	7	10	13	16	20	24	29	33	37	41	47
20°	8	11	15	18	21	26	31	36	40	45	52
17.5°	9	12	16	19	23	28	33	38	43	50	58
15°	10	13	17	21	25	30	35	41	47	54	64
12.5°	11	14	18	22	27	32	37	43	50	59	70
10°	11	15	19	24	28	33	39	45	53	62	76
7.5°	12	16	20	25	29	35	40	47	55	65	80
5°	13	17	21	26	30	36	42	48	56	67	83
2.5°	13	17	22	26	31	37	42	49	57	69	85
0°	13	18	22	27	32	37	43	50	58	71	87
-2.5°	14	18	23	27	32	38	43	50	59	71	87
-5°	14	19	23	28	33	38	44	50	59	71	88
-7.5°	14	19	24	28	33	38	44	51	59	71	88
-10°	15	19	24	28	33	38	44	50	59	70	86
-12.5°	15	20	24	28	33	38	44	50	58	69	83
-15°	15	20	24	28	33	38	43	49	57	67	80
-17.5°	15	19	24	28	33	38	43	49	56	65	77
-20°	15	19	24	28	33	38	42	48	55	63	74

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REPORT NUMBER: P626524 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	15	19	23	27	32	37	42	47	53	60	70
-25°	15	19	23	27	31	36	41	46	52	58	67
-27.5°	14	19	23	26	31	35	40	45	50	56	63
-30°	14	18	22	26	30	34	39	43	48	54	60
-32.5°	13	17	21	25	29	33	37	42	46	51	57
-35°	13	17	20	24	28	32	36	40	44	49	54
-37.5°	12	16	20	23	27	31	34	38	42	47	51
-40°	12	15	19	22	26	29	33	36	40	44	49
-42.5°	11	14	18	21	24	28	31	35	38	42	46
-45°	11	14	17	20	23	26	30	33	37	40	44
-47.5°	10	13	16	19	22	25	28	31	35	38	42
-50°	9	12	15	18	21	24	27	30	33	36	39
-52.5°	9	11	14	16	19	22	25	28	31	34	37
-55°	8	10	13	15	18	20	23	26	29	32	34
-57.5°	7	9	11	14	16	18	21	24	27	29	32
-60°	6	8	10	12	14	17	19	22	24	27	29
-62.5°	6	7	9	11	13	15	17	19	22	24	26
-65°	5	6	8	9	11	13	15	17	19	21	23
-67.5°	4	5	6	8	9	11	13	14	16	18	20
-70°	4	4	5	6	8	9	10	12	13	15	16
-72.5°	3	4	4	5	6	7	9	10	11	12	14
-75°	2	3	4	4	5	6	7	8	9	10	11
-77.5°	2	2	3	3	4	5	5	6	7	8	9
-80°	1	2	2	3	3	3	4	4	5	6	6
-82.5°	1	1	1	2	2	2	3	3	3	4	4
-85°	0	1	1	1	1	1	1	2	2	2	2
-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: P626524 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-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	0	0	0	0	0	1	1	1	1	1
60°	1	1	2	2	2	2	2	3	2	2	2
57.5°	3	4	5	5	5	6	7	6	6	7	8
55°	6	6	7	7	8	9	10	10	11	11	12
52.5°	7	8	9	10	11	12	12	14	15	16	16
50°	11	12	13	14	15	16	17	18	20	21	22
47.5°	14	15	17	19	20	21	22	24	26	28	29
45°	17	19	21	22	24	25	27	29	31	33	34
42.5°	20	22	24	26	27	29	32	34	36	39	40
40°	23	25	28	30	32	34	37	41	44	46	48
37.5°	27	30	33	35	38	41	46	51	54	58	61
35°	31	35	39	42	45	51	57	63	70	75	80
32.5°	36	40	44	48	54	61	69	80	89	100	109
30°	40	44	49	55	63	74	87	103	121	138	158
27.5°	44	49	55	63	77	91	114	140	177	206	254
25°	48	54	62	76	94	120	160	206	282	346	419
22.5°	54	62	73	91	122	169	231	331	447	555	658
20°	61	72	91	119	163	235	354	505	666	824	977
17.5°	69	88	115	155	217	368	545	761	1037	1245	1442
15°	78	100	142	207	324	519	765	1096	1468	1781	2135
12.5°	87	115	164	249	417	674	988	1382	1823	2298	2853
10°	95	130	193	310	513	812	1164	1627	2193	2866	3567
7.5°	102	142	217	356	595	926	1346	1909	2626	3412	4211
5°	107	151	236	392	664	1018	1479	2132	2949	3851	4646
2.5°	111	158	249	414	711	1081	1569	2251	3147	4138	4972
0°	114	162	256	429	732	1111	1611	2298	3239	4278	5136
-2.5°	115	164	256	424	719	1109	1601	2269	3176	4222	5102
-5°	115	163	250	412	696	1069	1537	2158	2980	3962	4853
-7.5°	114	159	237	385	643	999	1448	1992	2667	3532	4453
-10°	111	151	219	347	571	890	1308	1768	2307	3014	3760
-12.5°	106	140	194	291	485	766	1136	1543	1963	2427	3041
-15°	99	128	174	257	406	635	936	1279	1627	1983	2358
-17.5°	94	118	154	212	312	497	737	1013	1296	1578	1831
-20°	88	106	134	179	252	361	542	757	968	1198	1391

Classified

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

Scaled Data Report



REPORT NUMBER: P626524 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	82	97	118	147	196	273	376	527	687	855	1013
-25°	77	88	105	128	157	203	271	350	462	565	683
-27.5°	72	82	93	110	132	157	199	245	304	353	432
-30°	67	75	85	95	112	131	153	181	210	239	277
-32.5°	63	70	77	86	96	110	124	142	158	176	193
-35°	59	65	71	78	86	95	106	118	128	139	148
-37.5°	56	61	66	71	78	84	92	101	108	115	121
-40°	53	57	61	66	71	76	83	89	94	98	102
-42.5°	50	54	57	61	65	70	75	80	83	86	89
-45°	48	51	54	57	60	65	69	73	75	78	79
-47.5°	45	48	51	53	57	60	64	66	69	71	72
-50°	42	45	48	50	53	56	59	61	63	65	66
-52.5°	40	42	45	47	50	52	54	57	59	60	61
-55°	37	40	42	44	47	49	51	53	55	56	57
-57.5°	35	37	40	42	44	46	48	50	51	53	53
-60°	32	35	37	38	40	42	44	46	47	49	50
-62.5°	28	31	33	35	36	38	40	41	43	44	45
-65°	25	27	29	30	32	33	35	36	37	38	39
-67.5°	21	23	24	26	27	29	30	31	33	33	34
-70°	18	19	21	22	23	25	26	27	28	29	29
-72.5°	15	16	17	19	20	21	22	23	24	24	25
-75°	12	13	14	15	16	17	18	19	19	20	21
-77.5°	10	10	11	12	13	13	14	15	15	16	16
-80°	7	8	8	9	9	10	10	11	12	12	12
-82.5°	5	5	6	6	7	7	7	7	8	8	8
-85°	3	3	3	4	4	4	4	5	5	5	5
-87.5°	1	1	1	1	2	2	2	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626524 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-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°	1	0	0	0	0	0	1	1	1	1	1
60°	2	2	2	2	2	2	2	2	2	2	3
57.5°	8	9	9	9	9	9	8	8	7	6	6
55°	13	13	13	13	13	13	13	12	11	11	10
52.5°	16	16	16	16	16	16	16	16	16	15	14
50°	23	23	23	23	23	23	23	22	21	20	18
47.5°	29	30	30	30	30	30	29	29	28	26	24
45°	35	35	35	35	35	35	35	34	33	31	29
42.5°	41	41	41	42	41	41	41	40	39	36	34
40°	49	49	49	49	49	49	49	48	46	44	41
37.5°	63	64	64	65	64	64	63	61	58	54	51
35°	84	86	87	89	87	86	84	80	75	70	63
32.5°	116	121	123	126	123	121	116	109	100	89	80
30°	172	181	185	192	185	181	172	158	138	121	103
27.5°	288	310	319	337	319	310	288	254	206	177	140
25°	486	533	559	579	559	533	486	419	346	282	206
22.5°	761	830	867	895	867	830	761	658	555	447	331
20°	1115	1206	1261	1300	1261	1206	1115	977	824	666	505
17.5°	1695	1838	1922	1994	1922	1838	1695	1442	1245	1037	761
15°	2530	2818	3041	3166	3041	2818	2530	2135	1781	1468	1096
12.5°	3343	3764	4014	4130	4014	3764	3343	2853	2298	1823	1382
10°	4147	4544	4782	4824	4782	4544	4147	3567	2866	2193	1627
7.5°	4762	5199	5515	5630	5515	5199	4762	4211	3412	2626	1909
5°	5305	5817	6152	6194	6152	5817	5305	4646	3851	2949	2132
2.5°	5705	6261	6586	6697	6586	6261	5705	4972	4138	3147	2251
0°	5898	6497	6858	7021	6858	6497	5898	5136	4278	3239	2298
-2.5°	5858	6477	6880	7092	6880	6477	5858	5102	4222	3176	2269
-5°	5635	6256	6632	6858	6632	6256	5635	4853	3962	2980	2158
-7.5°	5121	5702	6103	6311	6103	5702	5121	4453	3532	2667	1992
-10°	4460	4951	5316	5493	5316	4951	4460	3760	3014	2307	1768
-12.5°	3600	4076	4406	4531	4406	4076	3600	3041	2427	1963	1543
-15°	2758	3122	3356	3430	3356	3122	2758	2358	1983	1627	1279
-17.5°	2091	2287	2419	2454	2419	2287	2091	1831	1578	1296	1013
-20°	1567	1688	1774	1794	1774	1688	1567	1391	1198	968	757

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

Scaled Data Report



REPORT NUMBER: P626524 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	1142	1233	1302	1316	1302	1233	1142	1013	855	687	527
-25°	788	864	911	914	911	864	788	683	565	462	350
-27.5°	494	536	557	565	557	536	494	432	353	304	245
-30°	305	324	335	335	335	324	305	277	239	210	181
-32.5°	207	216	222	222	222	216	207	193	176	158	142
-35°	155	160	163	163	163	160	155	148	139	128	118
-37.5°	125	127	129	129	129	127	125	121	115	108	101
-40°	104	106	107	108	107	106	104	102	98	94	89
-42.5°	90	91	92	92	92	91	90	89	86	83	80
-45°	80	81	82	82	82	81	80	79	78	75	73
-47.5°	73	73	73	73	73	73	73	72	71	69	66
-50°	66	67	67	67	67	67	66	66	65	63	61
-52.5°	61	61	62	62	62	61	61	61	60	59	57
-55°	57	57	58	58	58	57	57	57	56	55	53
-57.5°	54	54	54	54	54	54	54	53	53	51	50
-60°	50	51	51	51	51	51	50	50	49	47	46
-62.5°	45	46	46	46	46	46	45	45	44	43	41
-65°	40	40	41	41	41	40	40	39	38	37	36
-67.5°	34	35	35	36	35	35	34	34	33	33	31
-70°	30	30	30	30	30	30	30	29	29	28	27
-72.5°	25	26	26	26	26	26	25	25	24	24	23
-75°	21	21	21	21	21	21	21	21	20	19	19
-77.5°	17	17	17	17	17	17	17	16	16	15	15
-80°	13	13	13	13	13	13	13	12	12	12	11
-82.5°	9	9	9	9	9	9	9	8	8	8	7
-85°	5	5	5	5	5	5	5	5	5	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: P626524 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-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°	1	0	0	0	0	0	0	0	0	0	0
60°	2	2	2	2	2	1	1	1	0	0	0
57.5°	7	6	5	5	5	4	3	2	2	1	1
55°	10	9	8	7	7	6	6	5	4	3	2
52.5°	12	12	11	10	9	8	7	7	6	5	4
50°	17	16	15	14	13	12	11	9	8	7	6
47.5°	22	21	20	19	17	15	14	12	11	9	8
45°	27	25	24	22	21	19	17	15	13	12	10
42.5°	32	29	27	26	24	22	20	18	16	14	12
40°	37	34	32	30	28	25	23	21	19	16	14
37.5°	46	41	38	35	33	30	27	25	22	19	17
35°	57	51	45	42	39	35	31	28	25	23	20
32.5°	69	61	54	48	44	40	36	32	29	26	23
30°	87	74	63	55	49	44	40	36	32	28	25
27.5°	114	91	77	63	55	49	44	39	35	31	28
25°	160	120	94	76	62	54	48	43	38	34	30
22.5°	231	169	122	91	73	62	54	47	41	37	33
20°	354	235	163	119	91	72	61	52	45	40	36
17.5°	545	368	217	155	115	88	69	58	50	43	38
15°	765	519	324	207	142	100	78	64	54	47	41
12.5°	988	674	417	249	164	115	87	70	59	50	43
10°	1164	812	513	310	193	130	95	76	62	53	45
7.5°	1346	926	595	356	217	142	102	80	65	55	47
5°	1479	1018	664	392	236	151	107	83	67	56	48
2.5°	1569	1081	711	414	249	158	111	85	69	57	49
0°	1611	1111	732	429	256	162	114	87	71	58	50
-2.5°	1601	1109	719	424	256	164	115	87	71	59	50
-5°	1537	1069	696	412	250	163	115	88	71	59	50
-7.5°	1448	999	643	385	237	159	114	88	71	59	51
-10°	1308	890	571	347	219	151	111	86	70	59	50
-12.5°	1136	766	485	291	194	140	106	83	69	58	50
-15°	936	635	406	257	174	128	99	80	67	57	49
-17.5°	737	497	312	212	154	118	94	77	65	56	49
-20°	542	361	252	179	134	106	88	74	63	55	48

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Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626524 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	376	273	196	147	118	97	82	70	60	53	47
-25°	271	203	157	128	105	88	77	67	58	52	46
-27.5°	199	157	132	110	93	82	72	63	56	50	45
-30°	153	131	112	95	85	75	67	60	54	48	43
-32.5°	124	110	96	86	77	70	63	57	51	46	42
-35°	106	95	86	78	71	65	59	54	49	44	40
-37.5°	92	84	78	71	66	61	56	51	47	42	38
-40°	83	76	71	66	61	57	53	49	44	40	36
-42.5°	75	70	65	61	57	54	50	46	42	38	35
-45°	69	65	60	57	54	51	48	44	40	37	33
-47.5°	64	60	57	53	51	48	45	42	38	35	31
-50°	59	56	53	50	48	45	42	39	36	33	30
-52.5°	54	52	50	47	45	42	40	37	34	31	28
-55°	51	49	47	44	42	40	37	34	32	29	26
-57.5°	48	46	44	42	40	37	35	32	29	27	24
-60°	44	42	40	38	37	35	32	29	27	24	22
-62.5°	40	38	36	35	33	31	28	26	24	22	19
-65°	35	33	32	30	29	27	25	23	21	19	17
-67.5°	30	29	27	26	24	23	21	20	18	16	14
-70°	26	25	23	22	21	19	18	16	15	13	12
-72.5°	22	21	20	19	17	16	15	14	12	11	10
-75°	18	17	16	15	14	13	12	11	10	9	8
-77.5°	14	13	13	12	11	10	10	9	8	7	6
-80°	10	10	9	9	8	8	7	6	6	5	4
-82.5°	7	7	7	6	6	5	5	4	4	3	3
-85°	4	4	4	4	3	3	3	2	2	2	2
-87.5°	2	2	2	1	1	1	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0



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Peachtree City, GA 30269

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REPORT NUMBER: P626524 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	0	0	0	0	0	0	0	0	0	0	0
57.5°	1	0	0	0	0	0	0	0	0	0	0
55°	1	1	1	0	0	0	0	0	0	0	0
52.5°	3	2	1	1	0	0	0	0	0	0	0
50°	5	3	2	1	1	0	0	0	0	0	0
47.5°	7	5	3	2	1	1	1	0	0	0	0
45°	9	7	5	3	2	1	1	0	0	0	0
42.5°	10	9	7	4	3	2	1	1	0	0	0
40°	13	11	9	6	4	3	2	1	0	0	0
37.5°	15	13	10	8	6	4	2	1	1	1	0
35°	17	15	12	10	7	5	3	2	1	1	0
32.5°	19	17	14	11	8	6	4	2	1	1	0
30°	22	18	15	13	10	7	5	3	2	1	0
27.5°	24	20	17	14	11	8	6	4	2	1	1
25°	27	22	18	15	12	9	7	4	3	2	1
22.5°	29	24	20	16	13	10	7	5	3	2	1
20°	31	26	21	18	15	11	8	6	4	2	1
17.5°	33	28	23	19	16	12	9	6	4	2	1
15°	35	30	25	21	17	13	10	7	5	3	2
12.5°	37	32	27	22	18	14	11	8	5	3	2
10°	39	33	28	24	19	15	11	8	6	3	2
7.5°	40	35	29	25	20	16	12	9	6	3	2
5°	42	36	30	26	21	17	13	9	6	4	2
2.5°	42	37	31	26	22	17	13	9	7	4	3
0°	43	37	32	27	22	18	13	10	7	4	3
-2.5°	43	38	32	27	23	18	14	10	7	4	3
-5°	44	38	33	28	23	19	14	10	8	5	3
-7.5°	44	38	33	28	24	19	14	11	8	5	3
-10°	44	38	33	28	24	19	15	11	8	5	3
-12.5°	44	38	33	28	24	20	15	11	8	5	3
-15°	43	38	33	28	24	20	15	11	8	6	3
-17.5°	43	38	33	28	24	19	15	11	8	5	3
-20°	42	38	33	28	24	19	15	11	8	5	3

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REPORT NUMBER: P626524 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	42	37	32	27	23	19	15	11	8	5	3
-25°	41	36	31	27	23	19	15	11	8	5	3
-27.5°	40	35	31	26	23	19	14	11	8	5	3
-30°	39	34	30	26	22	18	14	10	7	5	3
-32.5°	37	33	29	25	21	17	13	10	7	5	3
-35°	36	32	28	24	20	17	13	9	7	5	3
-37.5°	34	31	27	23	20	16	12	9	7	5	3
-40°	33	29	26	22	19	15	12	9	6	5	3
-42.5°	31	28	24	21	18	14	11	8	6	4	3
-45°	30	26	23	20	17	14	11	8	6	4	3
-47.5°	28	25	22	19	16	13	10	8	6	4	3
-50°	27	24	21	18	15	12	9	7	5	4	3
-52.5°	25	22	19	16	14	11	9	6	5	4	2
-55°	23	20	18	15	13	10	8	6	5	3	2
-57.5°	21	18	16	14	11	9	7	5	4	3	2
-60°	19	17	14	12	10	8	6	5	4	3	2
-62.5°	17	15	13	11	9	7	6	4	3	2	2
-65°	15	13	11	9	8	6	5	4	3	2	1
-67.5°	13	11	9	8	6	5	4	3	3	2	1
-70°	10	9	8	6	5	4	4	3	2	2	1
-72.5°	9	7	6	5	4	4	3	2	2	1	1
-75°	7	6	5	4	4	3	2	2	1	1	1
-77.5°	5	5	4	3	3	2	2	1	1	1	1
-80°	4	3	3	3	2	2	1	1	1	1	1
-82.5°	3	2	2	2	1	1	1	1	1	0	0
-85°	1	1	1	1	1	1	0	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: P626524 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	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°	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0
12.5°	1	0	0	0	0	0	0
10°	1	0	0	0	0	0	0
7.5°	1	0	0	0	0	0	0
5°	1	0	0	0	0	0	0
2.5°	1	0	0	0	0	0	0
0°	1	0	0	0	0	0	0
-2.5°	1	0	0	0	0	0	0
-5°	1	1	0	0	0	0	0
-7.5°	1	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

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CATALOG NUMBER: GFLD-SA1A-722-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	0	0	0	0	0
-32.5°	2	1	0	0	0	0	0
-35°	2	1	0	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	0	0	0	0	0
-50°	1	1	0	0	0	0	0
-52.5°	1	1	0	0	0	0	0
-55°	1	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	0	0	0	0	0	0
-75°	1	0	0	0	0	0	0
-77.5°	1	0	0	0	0	0	0
-80°	0	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)