

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: P626554 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-735-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626554 (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-735-U-MR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2693.1 lumens
Efficiency: N/A
Efficacy: 148.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 9495.4 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 1346.6 lumens
Beam Efficiency: 50.0%

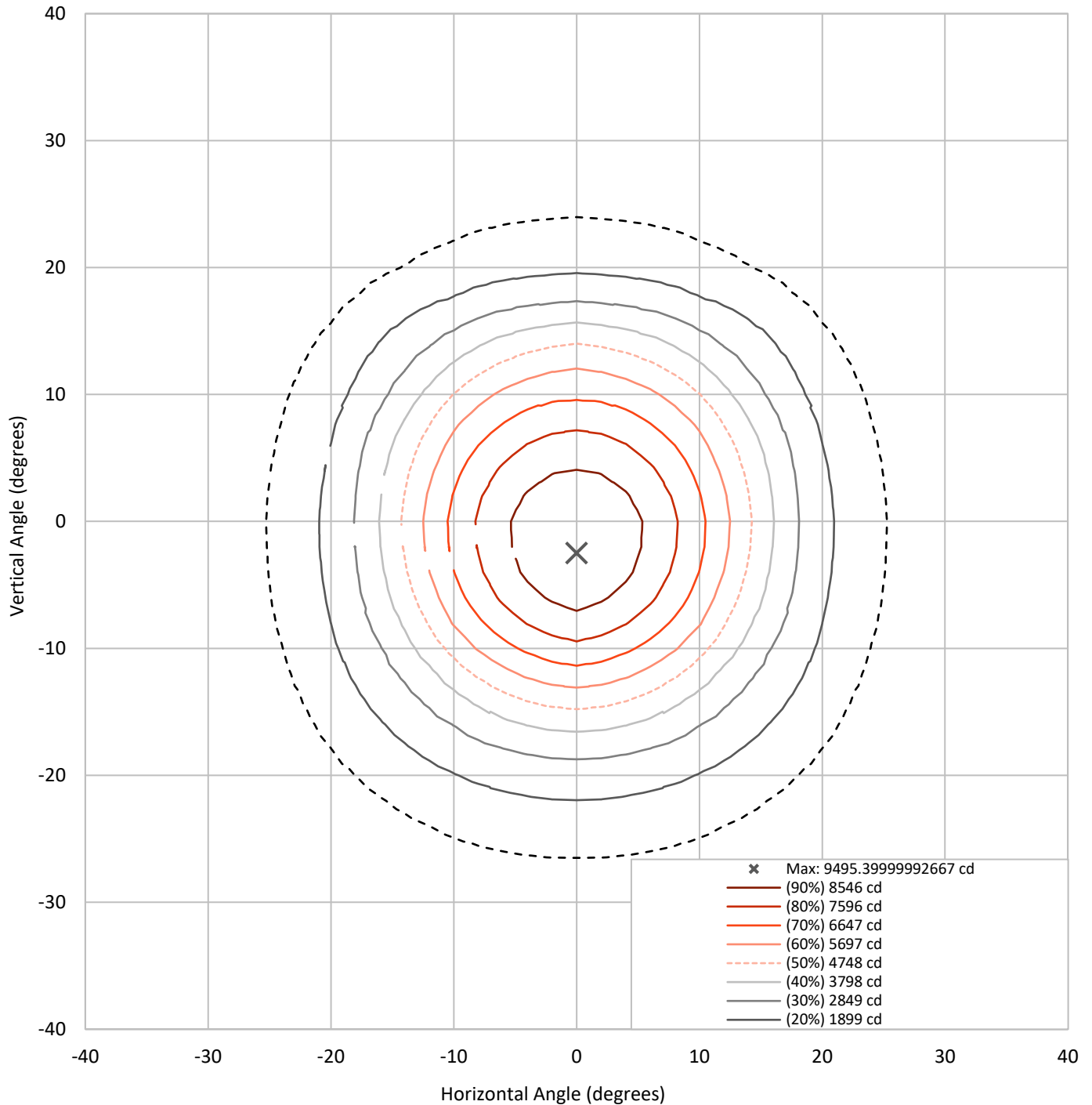
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 2313.9 lumens
Field Efficiency: 85.9%

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



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CATALOG NUMBER: GFLD-SA1A-735-U-MR-VSR-XX

Iso-Candela Plot





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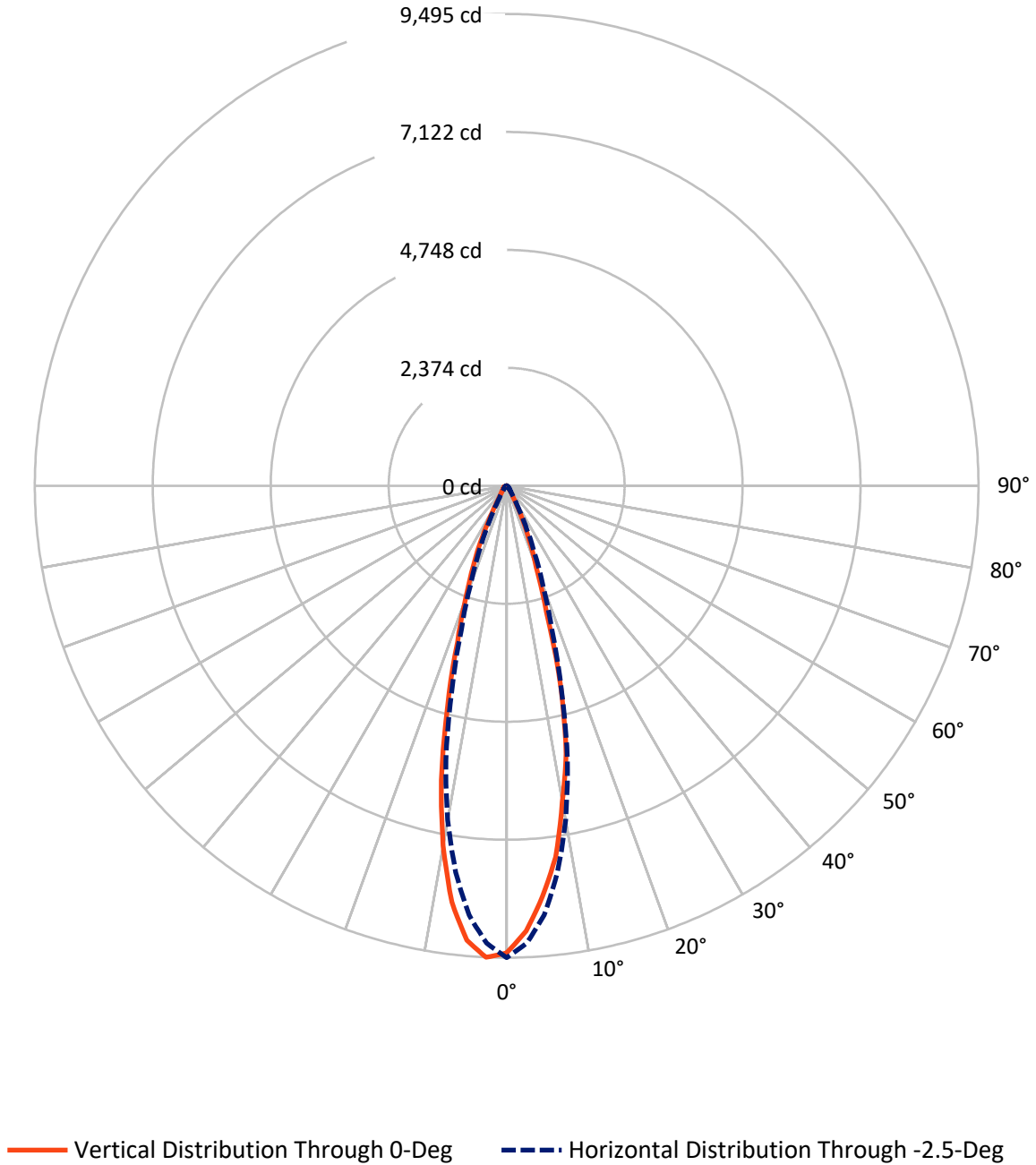
CATALOG NUMBER: GFLD-SA1A-735-U-MR-VSR-XX

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	1.4	1.4	1.2	0.9	0.6	0.3	0.1	0.0	0.0
30	0.0	0.0	0.2	0.6	1.1	1.7	2.9	3.9	3.9	2.9	1.7	1.1	0.6	0.2	0.0	0.0
20	0.0	0.1	0.4	0.9	1.7	4.1	12.8	23.4	23.4	12.8	4.1	1.7	0.9	0.4	0.1	0.0
10	0.0	0.1	0.5	1.2	2.9	14.0	57.0	111.7	111.7	57.0	14.0	2.9	1.2	0.5	0.1	0.0
0	0.0	0.2	0.6	1.4	4.1	26.7	115.2	225.7	225.7	115.2	26.7	4.1	1.4	0.6	0.2	0.0
-10	0.0	0.2	0.7	1.5	4.4	28.0	118.2	239.3	239.3	118.2	28.0	4.4	1.5	0.7	0.2	0.0
-20	0.1	0.2	0.7	1.5	3.6	17.2	65.3	126.7	126.7	65.3	17.2	3.6	1.5	0.7	0.2	0.1
-30	0.1	0.2	0.6	1.3	2.6	6.7	20.2	36.1	36.1	20.2	6.7	2.6	1.3	0.6	0.2	0.1
-40	0.0	0.2	0.6	1.2	2.0	3.3	5.4	7.2	7.2	5.4	3.3	2.0	1.2	0.6	0.2	0.0
-50	0.0	0.1	0.5	1.0	1.6	2.3	3.0	3.4	3.4	3.0	2.3	1.6	1.0	0.5	0.1	0.0
-60	0.0	0.1	0.4	0.8	1.2	1.7	2.2	2.3	2.3	2.2	1.7	1.2	0.8	0.4	0.1	0.0
-70	0.0	0.1	0.2	0.5	0.8	1.2	1.5	1.6	1.6	1.5	1.2	0.8	0.5	0.2	0.1	0.0
-80	0.0	0.2		0.8		1.7		2.2		1.7		0.8		0.2		0.0
-90	0.0															

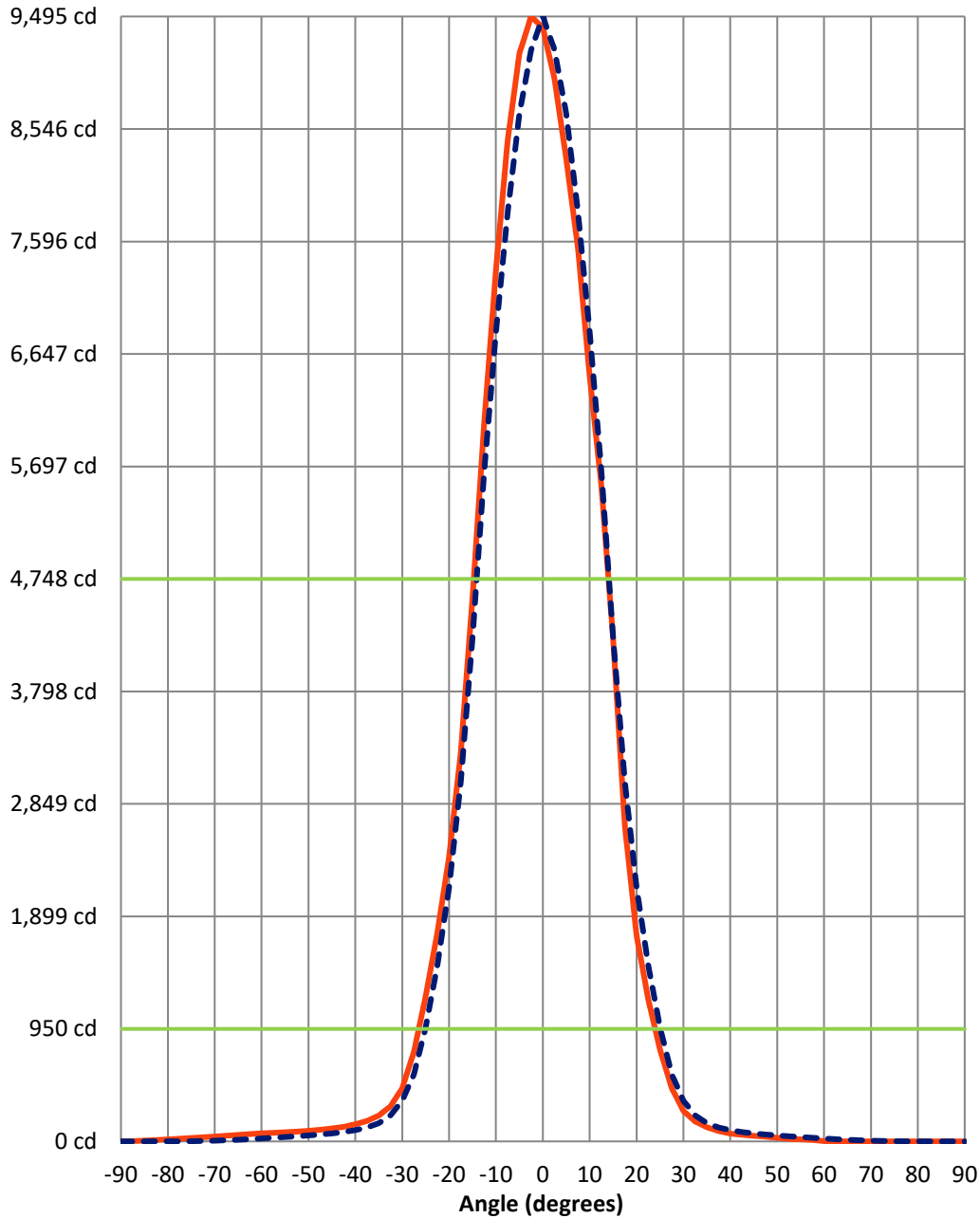
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 28.2°
V Angle: 28.7°
Lumens: 1346.6
Efficiency: 50.0%

Field:
H Angle: 50.2°
V Angle: 50.4°
Lumens: 2313.9
Efficiency: 85.9%

Spill:
Lumens: 379.2
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	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	9
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	6	10	14
-7.5°	0	0	0	0	1	1	2	4	7	10	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

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REPORT NUMBER: P626554 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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	2	4	7	11	14
-27.5°	0	0	0	0	1	1	2	4	7	10	14
-30°	0	0	0	0	1	1	2	4	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	6	9	12
-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	5	7	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

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REPORT NUMBER: P626554 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-735-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	12
47.5°	1	1	2	3	5	7	9	11	12	14	17
45°	1	2	3	5	7	9	12	13	15	18	20
42.5°	2	3	4	6	9	12	14	16	19	22	24
40°	2	4	6	8	12	14	17	19	22	25	28
37.5°	3	5	7	11	14	17	20	23	26	29	33
35°	4	6	9	13	16	20	23	26	30	34	38
32.5°	5	8	11	15	18	22	26	30	34	39	43
30°	6	9	13	17	21	25	29	34	38	43	48
27.5°	7	11	14	19	23	27	33	37	42	47	52
25°	9	12	16	20	25	30	36	41	45	51	58
22.5°	10	14	18	22	27	33	39	44	49	55	63
20°	11	15	20	24	29	35	41	48	54	61	70
17.5°	12	17	21	26	31	38	44	51	58	67	78
15°	13	18	23	28	34	40	47	55	63	73	85
12.5°	14	19	24	30	36	43	50	58	67	79	94
10°	15	20	26	32	38	45	52	60	70	83	101
7.5°	16	21	27	33	39	47	54	63	73	87	107
5°	17	22	28	34	41	48	56	64	75	90	111
2.5°	17	23	29	35	42	49	57	66	77	92	114
0°	18	24	30	36	42	50	57	66	78	94	117
-2.5°	18	25	31	37	43	50	58	67	79	95	117
-5°	19	25	31	37	44	51	58	67	79	95	117
-7.5°	19	26	32	38	44	51	59	68	80	95	117
-10°	19	26	32	38	45	51	59	68	79	94	115
-12.5°	20	26	32	38	45	51	59	67	78	92	112
-15°	20	26	32	38	45	51	58	66	76	90	107
-17.5°	20	26	32	38	44	51	57	65	75	87	103
-20°	20	26	32	37	44	50	57	64	73	84	99

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REPORT NUMBER: P626554 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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	31	37	43	49	56	63	71	81	94
-25°	20	25	31	36	42	48	55	61	69	78	89
-27.5°	19	25	30	35	41	47	53	60	67	75	85
-30°	18	24	29	35	40	46	52	58	64	72	81
-32.5°	18	23	28	34	39	44	50	56	62	69	77
-35°	17	22	27	32	38	43	48	53	59	66	72
-37.5°	16	21	26	31	36	41	46	51	57	63	69
-40°	16	20	25	30	34	40	44	49	54	59	65
-42.5°	15	19	24	28	33	37	42	46	51	57	62
-45°	14	18	22	27	31	35	40	44	49	54	59
-47.5°	14	17	21	25	30	34	38	42	47	51	56
-50°	13	16	20	24	28	32	36	40	44	48	53
-52.5°	12	15	18	22	26	30	34	38	41	45	49
-55°	11	14	17	20	23	27	31	35	39	42	46
-57.5°	10	12	15	18	21	25	28	32	36	39	43
-60°	9	11	13	16	19	22	25	29	32	36	39
-62.5°	8	10	12	14	17	20	23	26	29	32	35
-65°	7	8	10	12	15	17	20	23	26	28	30
-67.5°	6	7	9	10	13	15	17	19	22	24	26
-70°	5	6	7	9	10	12	14	16	18	20	22
-72.5°	4	5	6	7	8	10	12	13	15	16	18
-75°	3	4	5	6	7	8	9	11	12	13	15
-77.5°	3	3	4	4	5	6	7	8	9	11	12
-80°	2	2	3	3	4	5	5	6	7	8	9
-82.5°	1	2	2	2	3	3	3	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: P626554 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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	15	16
52.5°	10	11	12	14	15	16	17	18	20	21	22
50°	14	16	17	19	20	22	23	25	27	29	30
47.5°	19	20	23	25	27	28	30	32	35	37	39
45°	23	25	27	30	32	34	36	39	42	44	46
42.5°	27	29	32	34	36	39	42	45	48	52	54
40°	31	33	37	40	42	45	50	54	58	62	65
37.5°	36	40	44	47	51	55	61	68	73	78	81
35°	42	47	52	56	61	68	76	85	94	101	107
32.5°	48	53	59	64	72	82	92	107	120	133	146
30°	53	59	66	73	85	99	116	138	162	185	212
27.5°	59	65	73	85	103	122	153	188	237	276	339
25°	65	72	83	102	126	161	215	276	377	464	561
22.5°	72	83	98	122	163	226	309	443	598	743	880
20°	81	96	122	160	219	315	474	676	892	1103	1308
17.5°	93	117	154	208	291	493	729	1019	1389	1667	1930
15°	104	134	190	277	434	694	1024	1467	1965	2384	2859
12.5°	117	154	220	334	558	902	1323	1851	2440	3077	3819
10°	128	173	259	415	687	1087	1559	2179	2936	3836	4775
7.5°	136	190	291	476	796	1240	1802	2556	3516	4567	5638
5°	143	203	316	524	889	1363	1980	2855	3948	5156	6220
2.5°	148	212	333	554	951	1448	2101	3013	4213	5539	6657
0°	152	217	343	575	980	1487	2157	3077	4337	5728	6877
-2.5°	154	220	343	567	963	1485	2144	3038	4251	5653	6830
-5°	154	218	334	552	931	1432	2058	2889	3990	5305	6498
-7.5°	153	213	317	515	861	1338	1938	2667	3570	4729	5962
-10°	149	202	293	465	764	1191	1752	2368	3089	4035	5034
-12.5°	142	187	260	390	650	1025	1521	2066	2628	3250	4072
-15°	133	172	234	344	544	850	1252	1712	2179	2655	3156
-17.5°	126	158	206	283	418	665	987	1357	1735	2113	2451
-20°	117	142	179	239	337	484	725	1013	1296	1604	1863

Classified

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

Scaled Data Report



REPORT NUMBER: P626554 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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°	110	130	159	196	262	365	503	706	920	1144	1357
-25°	102	118	140	171	210	271	362	468	619	757	915
-27.5°	96	109	125	147	177	210	266	328	407	473	578
-30°	90	101	113	128	150	175	205	243	281	320	371
-32.5°	85	94	103	115	129	148	166	190	212	235	259
-35°	79	87	95	105	115	128	142	157	172	186	198
-37.5°	75	81	88	96	104	113	124	135	144	154	161
-40°	71	76	82	88	95	102	111	119	125	131	136
-42.5°	67	72	77	82	87	94	101	107	111	115	119
-45°	64	68	72	76	81	87	92	97	101	104	106
-47.5°	60	64	68	72	76	81	85	89	92	94	96
-50°	57	60	64	67	71	75	79	82	85	87	88
-52.5°	53	57	60	63	67	70	73	76	79	81	82
-55°	50	53	56	59	63	66	68	71	73	76	76
-57.5°	46	50	53	56	58	61	64	66	69	71	71
-60°	43	46	49	52	54	57	59	61	64	66	66
-62.5°	38	41	44	46	49	51	53	55	57	59	60
-65°	33	36	38	40	43	45	47	48	50	51	52
-67.5°	28	30	32	35	37	39	40	42	44	45	45
-70°	24	26	28	29	31	33	35	36	38	39	39
-72.5°	20	21	23	25	26	28	29	31	32	33	33
-75°	16	17	19	20	22	23	24	25	26	27	27
-77.5°	13	14	15	16	17	18	19	20	21	21	22
-80°	9	10	11	12	13	13	14	15	15	16	16
-82.5°	6	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: P626554 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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	12	13	12	12	11	10	9	9	9
55°	17	18	18	17	18	18	17	16	15	15	14
52.5°	22	22	22	22	22	22	22	22	21	20	18
50°	30	30	30	31	30	30	30	30	29	27	25
47.5°	39	40	40	40	40	40	39	39	37	35	32
45°	47	47	47	47	47	47	47	46	44	42	39
42.5°	55	55	55	56	55	55	55	54	52	48	45
40°	66	66	66	66	66	66	66	65	62	58	54
37.5°	84	85	86	87	86	85	84	81	78	73	68
35°	112	115	117	120	117	115	112	107	101	94	85
32.5°	155	161	165	168	165	161	155	146	133	120	107
30°	231	243	248	257	248	243	231	212	185	162	138
27.5°	386	415	427	451	427	415	386	339	276	237	188
25°	650	713	748	775	748	713	650	561	464	377	276
22.5°	1019	1112	1161	1198	1161	1112	1019	880	743	598	443
20°	1493	1615	1688	1740	1688	1615	1493	1308	1103	892	676
17.5°	2269	2461	2573	2669	2573	2461	2269	1930	1667	1389	1019
15°	3387	3772	4072	4238	4072	3772	3387	2859	2384	1965	1467
12.5°	4475	5039	5374	5529	5374	5039	4475	3819	3077	2440	1851
10°	5551	6083	6402	6458	6402	6083	5551	4775	3836	2936	2179
7.5°	6375	6960	7383	7537	7383	6960	6375	5638	4567	3516	2556
5°	7103	7787	8236	8292	8236	7787	7103	6220	5156	3948	2855
2.5°	7638	8382	8817	8966	8817	8382	7638	6657	5539	4213	3013
0°	7897	8698	9182	9400	9182	8698	7897	6877	5728	4337	3077
-2.5°	7842	8671	9211	9495	9211	8671	7842	6830	5653	4251	3038
-5°	7544	8376	8879	9181	8879	8376	7544	6498	5305	3990	2889
-7.5°	6856	7634	8170	8448	8170	7634	6856	5962	4729	3570	2667
-10°	5970	6629	7117	7354	7117	6629	5970	5034	4035	3089	2368
-12.5°	4819	5457	5898	6066	5898	5457	4819	4072	3250	2628	2066
-15°	3692	4179	4493	4592	4493	4179	3692	3156	2655	2179	1712
-17.5°	2800	3062	3238	3286	3238	3062	2800	2451	2113	1735	1357
-20°	2098	2260	2375	2402	2375	2260	2098	1863	1604	1296	1013

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REPORT NUMBER: P626554 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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°	1528	1651	1743	1761	1743	1651	1528	1357	1144	920	706
-25°	1054	1157	1219	1224	1219	1157	1054	915	757	619	468
-27.5°	661	717	746	756	746	717	661	578	473	407	328
-30°	408	434	448	448	448	434	408	371	320	281	243
-32.5°	277	290	297	297	297	290	277	259	235	212	190
-35°	208	214	218	218	218	214	208	198	186	172	157
-37.5°	167	171	172	173	172	171	167	161	154	144	135
-40°	140	142	144	145	144	142	140	136	131	125	119
-42.5°	121	122	123	123	123	122	121	119	115	111	107
-45°	108	109	109	109	109	109	108	106	104	101	97
-47.5°	97	98	98	98	98	98	97	96	94	92	89
-50°	89	89	89	89	89	89	89	88	87	85	82
-52.5°	82	82	82	83	82	82	82	82	81	79	76
-55°	77	77	77	77	77	77	77	76	76	73	71
-57.5°	72	73	73	72	73	73	72	71	71	69	66
-60°	67	68	68	68	68	68	67	66	66	64	61
-62.5°	61	61	62	62	62	61	61	60	59	57	55
-65°	53	53	54	55	54	53	53	52	51	50	48
-67.5°	46	46	47	48	47	46	46	45	45	44	42
-70°	40	40	41	41	41	40	40	39	39	38	36
-72.5°	34	35	35	35	35	35	34	33	33	32	31
-75°	28	29	29	29	29	29	28	27	27	26	25
-77.5°	22	23	23	23	23	23	22	22	21	21	20
-80°	17	17	17	17	17	17	17	16	16	15	15
-82.5°	12	12	12	11	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: P626554 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-735-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	11	10	9	8	7	5
50°	23	22	20	19	17	16	14	12	11	10	8
47.5°	30	28	27	25	23	20	19	17	14	12	11
45°	36	34	32	30	27	25	23	20	18	15	13
42.5°	42	39	36	34	32	29	27	24	22	19	16
40°	50	45	42	40	37	33	31	28	25	22	19
37.5°	61	55	51	47	44	40	36	33	29	26	23
35°	76	68	61	56	52	47	42	38	34	30	26
32.5°	92	82	72	64	59	53	48	43	39	34	30
30°	116	99	85	73	66	59	53	48	43	38	34
27.5°	153	122	103	85	73	65	59	52	47	42	37
25°	215	161	126	102	83	72	65	58	51	45	41
22.5°	309	226	163	122	98	83	72	63	55	49	44
20°	474	315	219	160	122	96	81	70	61	54	48
17.5°	729	493	291	208	154	117	93	78	67	58	51
15°	1024	694	434	277	190	134	104	85	73	63	55
12.5°	1323	902	558	334	220	154	117	94	79	67	58
10°	1559	1087	687	415	259	173	128	101	83	70	60
7.5°	1802	1240	796	476	291	190	136	107	87	73	63
5°	1980	1363	889	524	316	203	143	111	90	75	64
2.5°	2101	1448	951	554	333	212	148	114	92	77	66
0°	2157	1487	980	575	343	217	152	117	94	78	66
-2.5°	2144	1485	963	567	343	220	154	117	95	79	67
-5°	2058	1432	931	552	334	218	154	117	95	79	67
-7.5°	1938	1338	861	515	317	213	153	117	95	80	68
-10°	1752	1191	764	465	293	202	149	115	94	79	68
-12.5°	1521	1025	650	390	260	187	142	112	92	78	67
-15°	1252	850	544	344	234	172	133	107	90	76	66
-17.5°	987	665	418	283	206	158	126	103	87	75	65
-20°	725	484	337	239	179	142	117	99	84	73	64

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626554 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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°	503	365	262	196	159	130	110	94	81	71	63
-25°	362	271	210	171	140	118	102	89	78	69	61
-27.5°	266	210	177	147	125	109	96	85	75	67	60
-30°	205	175	150	128	113	101	90	81	72	64	58
-32.5°	166	148	129	115	103	94	85	77	69	62	56
-35°	142	128	115	105	95	87	79	72	66	59	53
-37.5°	124	113	104	96	88	81	75	69	63	57	51
-40°	111	102	95	88	82	76	71	65	59	54	49
-42.5°	101	94	87	82	77	72	67	62	57	51	46
-45°	92	87	81	76	72	68	64	59	54	49	44
-47.5°	85	81	76	72	68	64	60	56	51	47	42
-50°	79	75	71	67	64	60	57	53	48	44	40
-52.5°	73	70	67	63	60	57	53	49	45	41	38
-55°	68	66	63	59	56	53	50	46	42	39	35
-57.5°	64	61	58	56	53	50	46	43	39	36	32
-60°	59	57	54	52	49	46	43	39	36	32	29
-62.5°	53	51	49	46	44	41	38	35	32	29	26
-65°	47	45	43	40	38	36	33	30	28	26	23
-67.5°	40	39	37	35	32	30	28	26	24	22	19
-70°	35	33	31	29	28	26	24	22	20	18	16
-72.5°	29	28	26	25	23	21	20	18	16	15	13
-75°	24	23	22	20	19	17	16	15	13	12	11
-77.5°	19	18	17	16	15	14	13	12	11	9	8
-80°	14	13	13	12	11	10	9	9	8	7	6
-82.5°	10	9	9	8	8	7	6	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

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REPORT NUMBER: P626554 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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	9	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	8	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	22	18	15	11	8	5	3	2	1	1
30°	29	25	21	17	13	9	6	4	3	1	1
27.5°	33	27	23	19	14	11	7	5	3	2	1
25°	36	30	25	20	16	12	9	6	4	2	1
22.5°	39	33	27	22	18	14	10	7	4	3	1
20°	41	35	29	24	20	15	11	8	5	3	2
17.5°	44	38	31	26	21	17	12	9	6	3	2
15°	47	40	34	28	23	18	13	9	6	4	2
12.5°	50	43	36	30	24	19	14	10	7	4	2
10°	52	45	38	32	26	20	15	11	8	4	3
7.5°	54	47	39	33	27	21	16	12	8	5	3
5°	56	48	41	34	28	22	17	12	9	5	3
2.5°	57	49	42	35	29	23	17	13	9	5	3
0°	57	50	42	36	30	24	18	13	10	5	4
-2.5°	58	50	43	37	31	25	18	14	10	6	4
-5°	58	51	44	37	31	25	19	14	10	6	4
-7.5°	59	51	44	38	32	26	19	14	10	7	4
-10°	59	51	45	38	32	26	19	14	11	7	4
-12.5°	59	51	45	38	32	26	20	15	11	7	4
-15°	58	51	45	38	32	26	20	15	11	7	4
-17.5°	57	51	44	38	32	26	20	15	11	7	4
-20°	57	50	44	37	32	26	20	15	11	7	4

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REPORT NUMBER: P626554 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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°	56	49	43	37	31	26	20	15	11	7	4
-25°	55	48	42	36	31	25	20	14	11	7	4
-27.5°	53	47	41	35	30	25	19	14	10	7	4
-30°	52	46	40	35	29	24	18	14	10	7	4
-32.5°	50	44	39	34	28	23	18	13	10	7	4
-35°	48	43	38	32	27	22	17	12	9	6	4
-37.5°	46	41	36	31	26	21	16	12	9	6	4
-40°	44	40	34	30	25	20	16	12	9	6	4
-42.5°	42	37	33	28	24	19	15	11	8	6	4
-45°	40	35	31	27	22	18	14	11	8	6	4
-47.5°	38	34	30	25	21	17	14	10	7	5	4
-50°	36	32	28	24	20	16	13	10	7	5	3
-52.5°	34	30	26	22	18	15	12	9	7	5	3
-55°	31	27	23	20	17	14	11	8	6	4	3
-57.5°	28	25	21	18	15	12	10	7	6	4	3
-60°	25	22	19	16	13	11	9	7	5	4	2
-62.5°	23	20	17	14	12	10	8	6	4	3	2
-65°	20	17	15	12	10	8	7	5	4	3	2
-67.5°	17	15	13	10	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	4	4	3	3	2	2	1	1
-80°	5	5	4	3	3	2	2	1	1	1	1
-82.5°	3	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: P626554 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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

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REPORT NUMBER: P626554 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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°	2	1	1	0	0	0	0
-27.5°	2	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)