

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: P626594 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-727-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626594 (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-SA1B-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: 3767.1 lumens
Efficiency: N/A
Efficacy: 112.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 13282.3 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 1883.6 lumens
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 3236.7 lumens
Field Efficiency: 85.9%

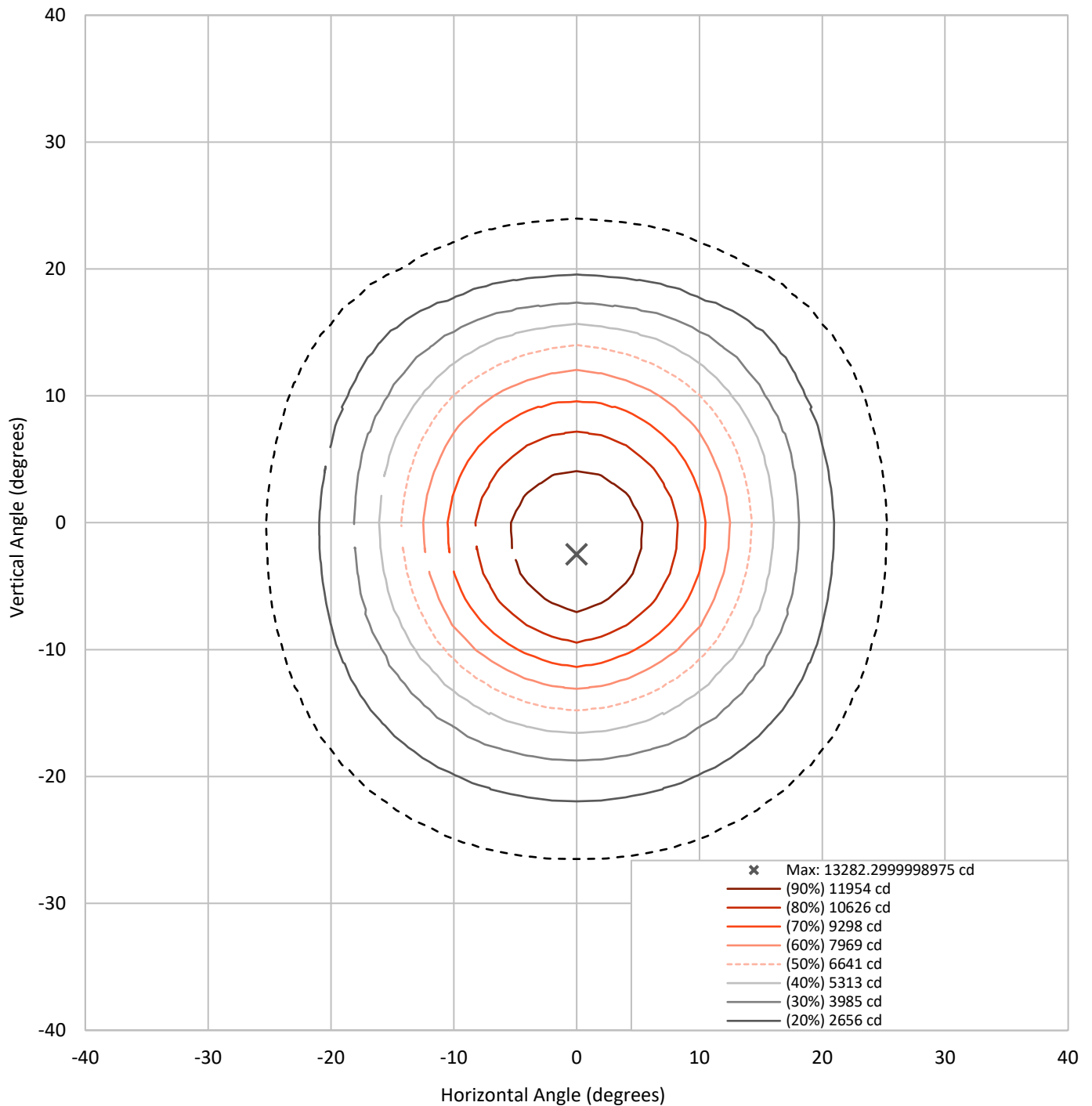
Input Watts (W): 33.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





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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	0.3	0.4	0.6	0.7	0.7	0.6	0.4	0.3	0.1	0.0	0.0		
50	0.0	0.0	0.1	0.4	0.8	1.2	1.7	2.0	2.0	1.7	1.2	0.8	0.4	0.1	0.0	0.0	
40		0.1	0.3	0.8	1.5	2.4	4.1	5.4	5.4	4.1	2.4	1.5	0.8	0.3	0.1		
30	0.0	0.1	0.5	1.2	2.3	5.7	17.9	32.8	32.8	17.9	5.7	2.3	1.2	0.5	0.1	0.0	
20		0.2	0.7	1.7	4.0	19.6	79.8	156.2	156.2	79.8	19.6	4.0	1.7	0.7	0.2		
10	0.1	0.2	0.9	2.0	5.7	37.4	161.1	315.7	315.7	161.1	37.4	5.7	2.0	0.9	0.2	0.1	
0		0.3	0.9	2.1	6.1	39.2	165.3	334.8	334.8	165.3	39.2	6.1	2.1	0.9	0.3		
-10	0.1	0.3	0.9	2.1	5.1	24.1	91.4	177.2	177.2	91.4	24.1	5.1	2.1	0.9	0.3	0.1	
-20		0.3	0.9	1.9	3.7	9.3	28.3	50.5	50.5	28.3	9.3	3.7	1.9	0.9	0.3		
-30	0.1	0.2	0.8	1.6	2.8	4.6	7.5	10.1	10.1	7.5	4.6	2.8	1.6	0.8	0.2	0.1	
-40		0.2	0.7	1.3	2.2	3.2	4.2	4.7	4.7	4.2	3.2	2.2	1.3	0.7	0.2		
-50	0.0	0.2	0.5	1.1	1.7	2.4	3.0	3.3	3.3	3.0	2.4	1.7	1.1	0.5	0.2	0.0	
-60		0.1	0.3	0.7	1.2	1.6	2.1	2.3	2.3	2.1	1.6	1.2	0.7	0.3	0.1		
-70	0.0	0.2	0.5	1.1	1.7	2.4	3.0	3.3	3.3	3.0	2.4	1.7	1.1	0.5	0.2	0.0	
-80		0.1	0.3	0.7	1.2	1.6	2.1	2.3	2.3	2.1	1.6	1.2	0.7	0.3	0.1		
-90	0.0	0.2	1.1	2.4	3.0	2.4	1.1	0.2	0.0								

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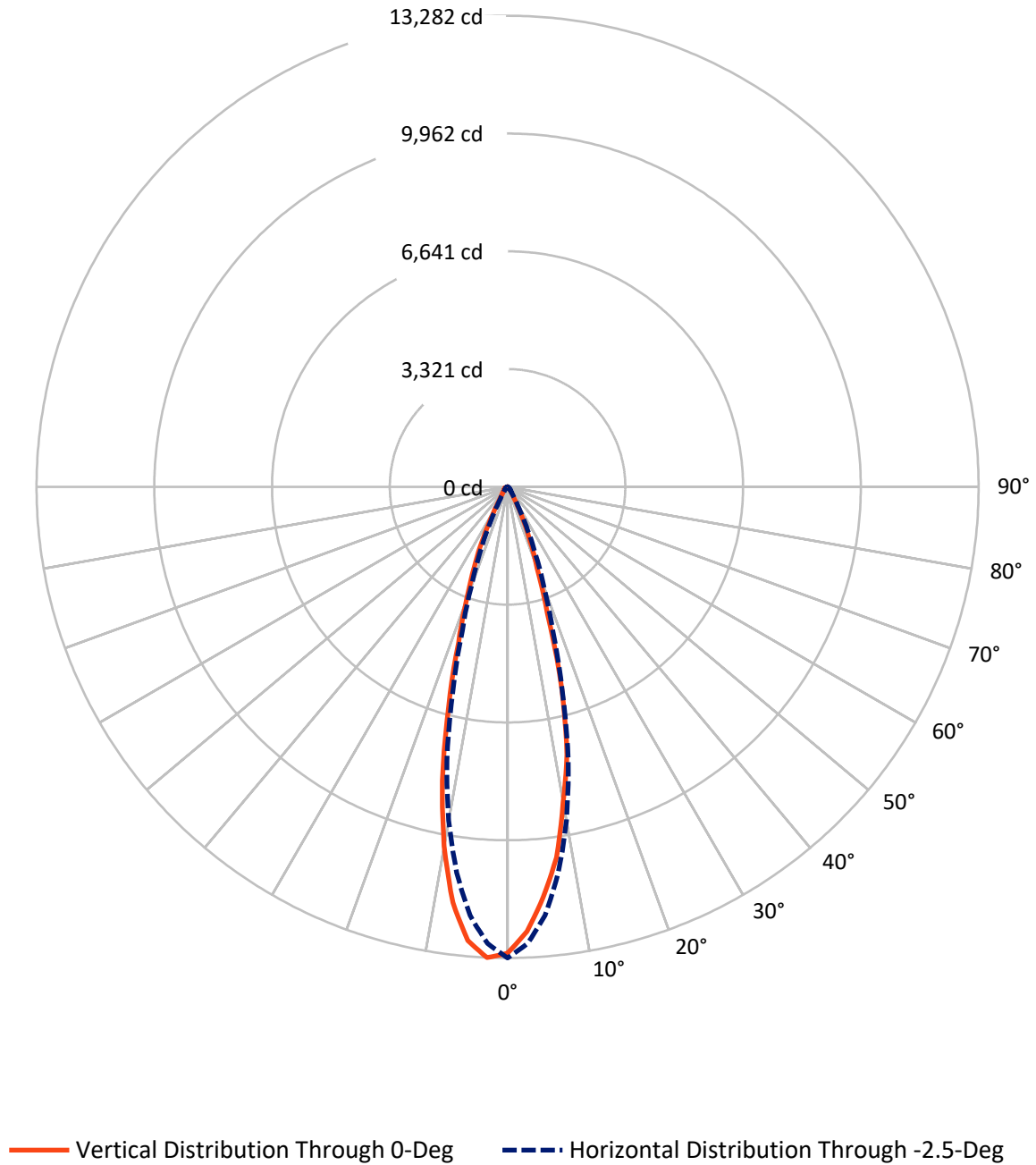
Scaled Data Report



REPORT NUMBER: P626594 (CONVERTED FROM TYPE C PHOTOMETRY)

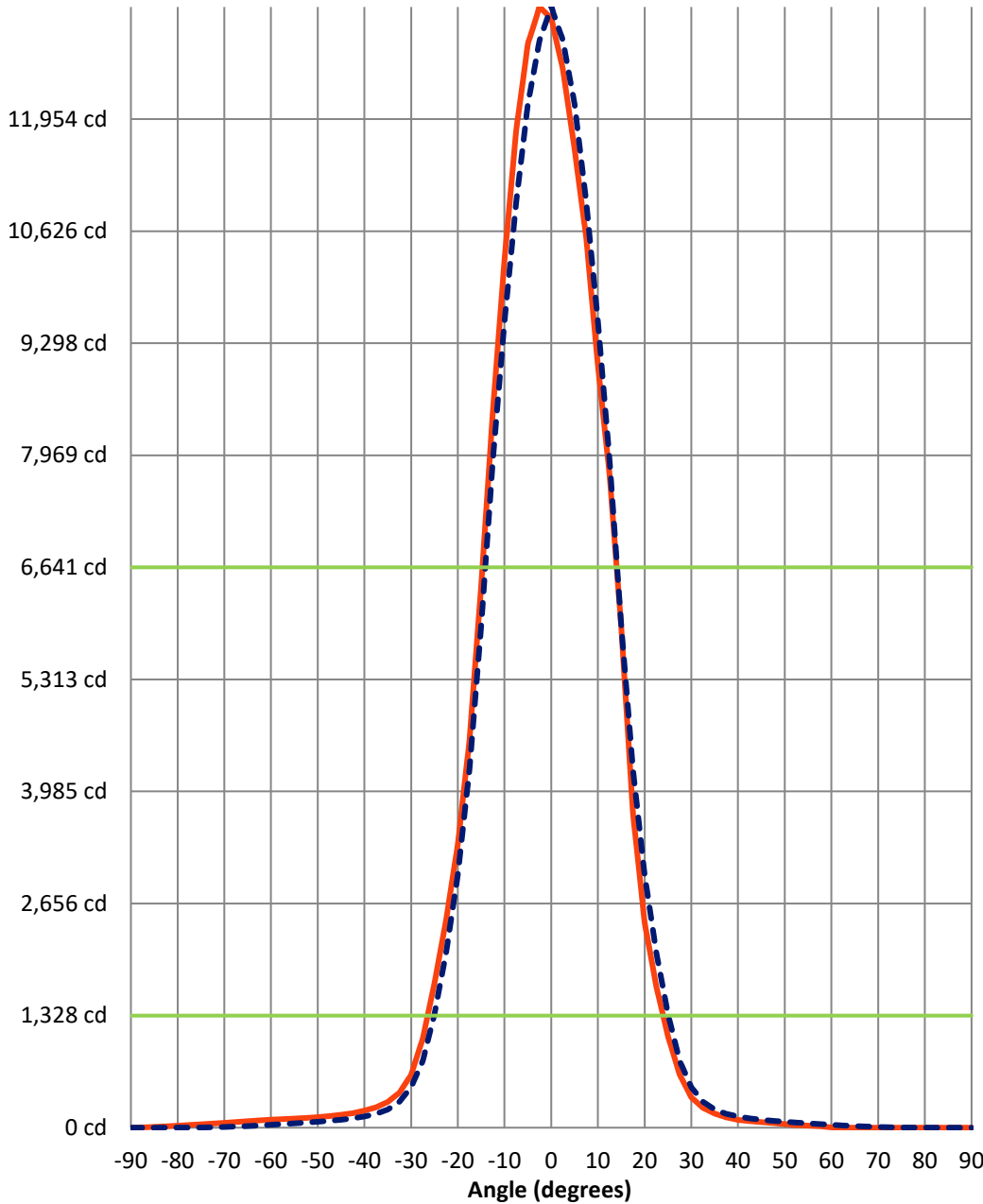
CATALOG NUMBER: GFLD-SA1B-727-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 1883.6
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 3236.7
 Efficiency: 85.9%

Spill:
 Lumens: 530.5
 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	1	0
52.5°	0	0	0	0	0	0	0	0	1	1	0
50°	0	0	0	0	0	0	0	0	1	1	1
47.5°	0	0	0	0	0	0	0	1	1	1	1
45°	0	0	0	0	0	0	0	1	1	1	1
42.5°	0	0	0	0	0	0	1	1	1	1	1
40°	0	0	0	0	0	0	1	1	1	1	2
37.5°	0	0	0	0	0	1	1	1	1	1	3
35°	0	0	0	0	0	1	1	1	1	2	4
32.5°	0	0	0	0	0	1	1	1	1	3	5
30°	0	0	0	0	0	1	1	1	2	4	6
27.5°	0	0	0	0	0	1	1	1	2	4	7
25°	0	0	0	0	0	1	1	1	3	5	8
22.5°	0	0	0	0	1	1	1	2	4	6	9
20°	0	0	0	0	1	1	1	2	4	7	11
17.5°	0	0	0	0	1	1	1	2	5	8	12
15°	0	0	0	0	1	1	1	3	5	9	13
12.5°	0	0	0	0	1	1	1	3	6	10	14
10°	0	0	0	0	1	1	1	4	6	11	15
7.5°	0	0	0	0	1	1	1	4	6	11	16
5°	0	0	0	0	1	1	1	4	7	12	17
2.5°	0	0	0	0	1	1	2	5	7	13	18
0°	0	0	0	0	1	1	2	5	7	13	18
-2.5°	0	0	0	0	1	1	2	5	8	14	19
-5°	0	0	0	0	1	1	2	5	9	14	19
-7.5°	0	0	0	0	1	1	3	5	9	15	20
-10°	0	0	0	0	1	1	3	5	10	15	20
-12.5°	0	0	0	0	1	1	3	5	10	15	20
-15°	0	0	0	0	1	1	3	5	10	15	21
-17.5°	0	0	0	0	1	1	3	6	10	15	21
-20°	0	0	0	0	1	1	3	6	10	15	21

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Scaled Data Report



REPORT NUMBER: P626594 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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	1	1	3	6	10	15	21
-25°	0	0	0	0	1	1	3	6	10	15	20
-27.5°	0	0	0	0	1	2	3	6	9	14	20
-30°	0	0	0	0	1	2	3	6	9	14	19
-32.5°	0	0	0	0	1	2	3	6	9	13	18
-35°	0	0	0	0	1	2	3	6	9	13	17
-37.5°	0	0	0	0	1	2	3	6	9	12	17
-40°	0	0	0	0	1	2	3	6	9	12	16
-42.5°	0	0	0	0	1	2	3	6	8	11	16
-45°	0	0	0	0	1	2	3	5	8	11	15
-47.5°	0	0	0	0	1	2	3	5	8	10	14
-50°	0	0	0	0	1	2	3	5	7	10	13
-52.5°	0	0	0	0	1	2	3	4	7	9	12
-55°	0	0	0	0	1	2	3	4	6	8	11
-57.5°	0	0	0	0	1	1	2	4	6	8	10
-60°	0	0	0	0	1	1	2	3	5	7	9
-62.5°	0	0	0	0	1	1	2	3	4	6	8
-65°	0	0	0	0	1	1	2	3	4	5	7
-67.5°	0	0	0	0	1	1	2	2	3	5	6
-70°	0	0	0	0	0	1	2	2	3	4	5
-72.5°	0	0	0	0	0	1	1	2	3	3	5
-75°	0	0	0	0	0	1	1	2	2	3	4
-77.5°	0	0	0	0	0	1	1	1	2	2	3
-80°	0	0	0	0	0	1	1	1	1	2	2
-82.5°	0	0	0	0	0	0	1	1	1	1	1
-85°	0	0	0	0	0	0	0	0	1	1	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: P626594 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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	1	1	1	2
57.5°	0	0	0	0	1	1	1	2	3	4	5
55°	0	1	1	1	1	2	3	4	6	7	9
52.5°	1	1	1	1	2	4	5	7	10	11	13
50°	1	1	1	3	4	6	9	11	13	15	17
47.5°	1	1	3	4	6	9	13	15	17	20	23
45°	2	2	4	6	9	13	16	18	22	25	29
42.5°	2	4	6	8	13	17	19	23	26	30	34
40°	3	5	8	12	16	20	24	27	31	35	39
37.5°	4	7	10	15	20	24	28	32	36	41	46
35°	5	9	13	18	23	28	32	37	42	48	53
32.5°	7	11	15	21	26	31	36	42	48	54	61
30°	9	13	18	23	29	35	41	48	53	60	67
27.5°	10	15	20	26	32	38	46	52	58	66	73
25°	12	17	23	28	34	42	50	57	63	71	80
22.5°	14	19	25	30	37	46	54	62	69	77	88
20°	16	21	27	33	40	49	58	67	75	85	97
17.5°	17	23	30	36	44	53	62	72	81	93	108
15°	19	25	32	39	47	56	66	77	88	102	119
12.5°	20	27	34	42	50	60	70	81	94	111	132
10°	21	28	36	44	53	63	73	84	98	117	142
7.5°	22	30	38	46	55	65	76	88	102	122	149
5°	23	31	40	48	57	67	78	90	105	125	155
2.5°	24	32	41	49	58	68	79	92	107	129	160
0°	25	33	42	50	59	69	80	93	109	132	163
-2.5°	26	35	43	51	61	70	81	94	110	133	164
-5°	26	35	44	52	61	71	82	94	111	133	164
-7.5°	27	36	44	53	62	71	82	95	111	133	164
-10°	27	36	45	53	62	72	82	95	111	132	161
-12.5°	28	37	45	53	63	72	82	94	109	129	156
-15°	28	37	45	53	62	72	81	92	107	126	149
-17.5°	28	36	45	53	62	71	80	91	104	122	145
-20°	28	36	44	52	61	71	79	90	102	118	138

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CATALOG NUMBER: GFLD-SA1B-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°	28	36	44	51	60	69	78	88	99	113	131
-25°	28	36	43	51	59	68	77	86	97	109	125
-27.5°	27	35	42	50	57	66	75	83	93	105	118
-30°	26	34	41	49	56	64	72	81	90	101	113
-32.5°	25	33	40	47	55	62	70	78	87	96	107
-35°	24	31	38	45	53	60	67	75	83	92	101
-37.5°	23	30	37	43	51	58	64	71	79	88	96
-40°	22	28	35	42	48	55	62	68	75	83	91
-42.5°	21	27	33	40	46	52	59	65	72	79	87
-45°	20	26	31	38	44	50	56	62	68	75	82
-47.5°	19	24	30	35	41	47	53	59	65	72	78
-50°	18	23	28	33	39	45	50	56	61	68	74
-52.5°	16	21	26	31	36	41	47	53	58	63	69
-55°	15	19	24	28	33	38	43	49	54	59	64
-57.5°	13	17	21	26	30	34	40	45	50	55	60
-60°	12	15	19	23	27	31	36	41	45	50	55
-62.5°	11	13	16	20	24	28	32	36	41	45	49
-65°	9	12	14	17	21	24	28	32	36	39	42
-67.5°	8	10	12	15	18	20	23	27	31	34	37
-70°	7	8	10	12	14	17	20	22	25	28	31
-72.5°	6	7	8	10	12	14	16	18	21	23	25
-75°	5	6	7	8	9	11	13	15	17	19	21
-77.5°	4	4	5	6	7	9	10	12	13	15	16
-80°	3	3	4	5	6	6	7	8	9	11	12
-82.5°	2	2	3	3	4	4	5	5	6	7	8
-85°	1	1	2	2	2	3	3	3	4	4	5
-87.5°	0	1	1	1	1	1	1	1	1	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	1	1	1	1	1	1	1	1	1
60°	2	2	3	4	4	3	4	5	5	4	4
57.5°	6	7	8	9	10	12	12	12	12	13	14
55°	10	11	12	14	16	17	18	19	20	21	23
52.5°	14	16	17	19	21	23	23	26	28	29	30
50°	20	22	24	26	29	31	32	35	37	40	42
47.5°	26	29	32	35	37	39	41	45	48	52	54
45°	32	35	38	42	44	47	50	54	58	62	64
42.5°	37	40	44	48	50	55	59	63	68	72	75
40°	43	46	52	56	59	63	70	76	82	87	90
37.5°	50	56	62	66	71	76	86	95	102	109	114
35°	59	66	73	78	85	95	106	119	131	141	150
32.5°	67	74	82	90	100	115	129	149	167	186	204
30°	74	83	92	102	119	139	162	193	226	259	296
27.5°	82	91	102	119	144	171	214	262	331	386	475
25°	91	101	116	142	177	225	300	386	528	649	785
22.5°	101	117	137	171	228	316	433	619	837	1039	1231
20°	113	135	170	224	306	440	662	946	1248	1543	1829
17.5°	130	164	215	291	407	690	1020	1425	1943	2332	2700
15°	145	188	265	388	607	971	1433	2052	2749	3336	3999
12.5°	163	215	308	467	781	1261	1850	2589	3414	4304	5342
10°	179	243	362	581	961	1521	2181	3048	4107	5366	6679
7.5°	191	266	407	666	1114	1734	2521	3575	4918	6389	7886
5°	200	283	443	733	1243	1907	2769	3993	5523	7212	8700
2.5°	208	296	466	774	1331	2025	2939	4215	5893	7749	9312
0°	213	304	479	804	1371	2081	3017	4304	6067	8012	9619
-2.5°	215	308	480	793	1347	2077	2999	4249	5947	7907	9554
-5°	216	306	468	772	1303	2003	2879	4041	5581	7420	9089
-7.5°	214	297	443	721	1204	1871	2711	3731	4994	6615	8340
-10°	209	283	410	650	1069	1666	2450	3312	4321	5644	7042
-12.5°	198	262	364	545	909	1434	2128	2890	3676	4546	5695
-15°	186	240	327	482	761	1190	1752	2395	3048	3714	4415
-17.5°	176	221	288	396	584	931	1381	1898	2427	2956	3428
-20°	164	198	251	335	471	677	1015	1417	1813	2244	2606

Classified

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

Scaled Data Report



REPORT NUMBER: P626594 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	153	182	222	275	367	511	704	987	1287	1601	1898
-25°	143	165	196	239	294	380	507	655	866	1059	1279
-27.5°	135	153	174	206	247	294	372	459	569	661	809
-30°	126	141	159	179	209	245	287	339	394	448	518
-32.5°	119	131	145	161	180	207	233	266	296	329	362
-35°	111	122	133	146	161	178	198	220	240	260	277
-37.5°	105	114	124	134	145	158	173	189	202	215	226
-40°	99	107	115	123	133	143	155	166	175	183	190
-42.5°	94	101	107	114	122	131	141	149	156	161	166
-45°	89	95	101	107	113	121	129	136	141	145	149
-47.5°	84	89	95	100	106	113	119	124	128	132	135
-50°	79	84	89	94	99	105	110	115	118	122	123
-52.5°	74	79	84	89	93	98	102	106	110	113	115
-55°	70	74	79	83	87	92	96	99	103	106	107
-57.5°	65	70	74	78	82	85	89	93	96	99	100
-60°	60	65	69	72	76	79	82	86	89	92	93
-62.5°	53	58	62	65	68	71	74	77	80	82	84
-65°	46	50	53	57	60	62	65	68	70	72	73
-67.5°	39	42	45	48	51	54	56	59	61	62	63
-70°	33	36	39	41	44	46	48	50	52	54	55
-72.5°	28	30	32	35	37	39	41	43	44	46	47
-75°	22	24	26	28	30	32	34	35	37	38	38
-77.5°	18	19	21	22	24	25	26	28	29	30	30
-80°	13	14	16	17	18	19	20	21	22	22	23
-82.5°	9	10	11	12	13	13	14	14	14	15	16
-85°	5	6	6	7	7	8	8	8	9	9	9
-87.5°	2	2	3	3	3	3	3	3	3	3	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626594 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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	1	1	1	1	1	1	1	1	1
60°	4	3	3	3	3	3	4	4	4	5	5
57.5°	16	17	17	18	17	17	16	14	13	12	12
55°	24	25	25	24	25	25	24	23	21	20	19
52.5°	31	31	31	30	31	31	31	30	29	28	26
50°	43	42	42	43	42	42	43	42	40	37	35
47.5°	55	55	55	55	55	55	55	54	52	48	45
45°	65	66	66	66	66	66	65	64	62	58	54
42.5°	77	77	78	78	78	77	77	75	72	68	63
40°	92	92	92	92	92	92	92	90	87	82	76
37.5°	117	119	120	122	120	119	117	114	109	102	95
35°	157	161	164	167	164	161	157	150	141	131	119
32.5°	217	226	230	235	230	226	217	204	186	167	149
30°	323	340	347	360	347	340	323	296	259	226	193
27.5°	540	581	597	631	597	581	540	475	386	331	262
25°	909	998	1046	1085	1046	998	909	785	649	528	386
22.5°	1426	1555	1624	1675	1624	1555	1426	1231	1039	837	619
20°	2088	2259	2361	2435	2361	2259	2088	1829	1543	1248	946
17.5°	3174	3442	3599	3733	3599	3442	3174	2700	2332	1943	1425
15°	4738	5277	5695	5929	5695	5277	4738	3999	3336	2749	2052
12.5°	6260	7049	7518	7733	7518	7049	6260	5342	4304	3414	2589
10°	7765	8509	8955	9034	8955	8509	7765	6679	5366	4107	3048
7.5°	8918	9736	10328	10543	10328	9736	8918	7886	6389	4918	3575
5°	9935	10893	11520	11600	11520	10893	9935	8700	7212	5523	3993
2.5°	10684	11725	12333	12542	12333	11725	10684	9312	7749	5893	4215
0°	11046	12167	12844	13149	12844	12167	11046	9619	8012	6067	4304
-2.5°	10970	12130	12885	13282	12885	12130	10970	9554	7907	5947	4249
-5°	10553	11716	12420	12842	12420	11716	10553	9089	7420	5581	4041
-7.5°	9591	10679	11428	11818	11428	10679	9591	8340	6615	4994	3731
-10°	8351	9272	9955	10287	9955	9272	8351	7042	5644	4321	3312
-12.5°	6741	7634	8250	8485	8250	7634	6741	5695	4546	3676	2890
-15°	5165	5846	6284	6423	6284	5846	5165	4415	3714	3048	2395
-17.5°	3917	4284	4530	4596	4530	4284	3917	3428	2956	2427	1898
-20°	2934	3162	3322	3360	3322	3162	2934	2606	2244	1813	1417

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REPORT NUMBER: P626594 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	2138	2309	2438	2464	2438	2309	2138	1898	1601	1287	987
-25°	1475	1618	1705	1712	1705	1618	1475	1279	1059	866	655
-27.5°	925	1003	1044	1058	1044	1003	925	809	661	569	459
-30°	571	608	627	627	627	608	571	518	448	394	339
-32.5°	388	405	415	415	415	405	388	362	329	296	266
-35°	291	300	305	305	305	300	291	277	260	240	220
-37.5°	234	239	241	242	241	239	234	226	215	202	189
-40°	195	199	201	202	201	199	195	190	183	175	166
-42.5°	169	171	172	171	172	171	169	166	161	156	149
-45°	150	152	153	153	153	152	150	149	145	141	136
-47.5°	136	137	137	137	137	137	136	135	132	128	124
-50°	124	125	125	125	125	125	124	123	122	118	115
-52.5°	115	115	115	115	115	115	115	115	113	110	106
-55°	107	108	108	108	108	108	107	107	106	103	99
-57.5°	101	102	102	101	102	102	101	100	99	96	93
-60°	94	95	95	95	95	95	94	93	92	89	86
-62.5°	85	86	86	86	86	86	85	84	82	80	77
-65°	74	75	76	77	76	75	74	73	72	70	68
-67.5°	64	65	66	67	66	65	64	63	62	61	59
-70°	56	57	57	57	57	57	56	55	54	52	50
-72.5°	47	48	48	49	48	48	47	47	46	44	43
-75°	39	40	40	40	40	40	39	38	38	37	35
-77.5°	31	32	32	32	32	32	31	30	30	29	28
-80°	24	24	24	23	24	24	24	23	22	22	21
-82.5°	16	17	16	16	16	17	16	16	15	14	14
-85°	10	10	10	9	10	10	10	9	9	9	8
-87.5°	4	4	4	3	4	4	4	4	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626594 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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	1	0	0	0	0	0	0
60°	4	3	4	4	3	2	2	2	1	1	1
57.5°	12	12	10	9	8	7	6	5	4	3	2
55°	18	17	16	14	12	11	10	9	7	6	4
52.5°	23	23	21	19	17	16	14	13	11	10	7
50°	32	31	29	26	24	22	20	17	15	13	11
47.5°	41	39	37	35	32	29	26	23	20	17	15
45°	50	47	44	42	38	35	32	29	25	22	18
42.5°	59	55	50	48	44	40	37	34	30	26	23
40°	70	63	59	56	52	46	43	39	35	31	27
37.5°	86	76	71	66	62	56	50	46	41	36	32
35°	106	95	85	78	73	66	59	53	48	42	37
32.5°	129	115	100	90	82	74	67	61	54	48	42
30°	162	139	119	102	92	83	74	67	60	53	48
27.5°	214	171	144	119	102	91	82	73	66	58	52
25°	300	225	177	142	116	101	91	80	71	63	57
22.5°	433	316	228	171	137	117	101	88	77	69	62
20°	662	440	306	224	170	135	113	97	85	75	67
17.5°	1020	690	407	291	215	164	130	108	93	81	72
15°	1433	971	607	388	265	188	145	119	102	88	77
12.5°	1850	1261	781	467	308	215	163	132	111	94	81
10°	2181	1521	961	581	362	243	179	142	117	98	84
7.5°	2521	1734	1114	666	407	266	191	149	122	102	88
5°	2769	1907	1243	733	443	283	200	155	125	105	90
2.5°	2939	2025	1331	774	466	296	208	160	129	107	92
0°	3017	2081	1371	804	479	304	213	163	132	109	93
-2.5°	2999	2077	1347	793	480	308	215	164	133	110	94
-5°	2879	2003	1303	772	468	306	216	164	133	111	94
-7.5°	2711	1871	1204	721	443	297	214	164	133	111	95
-10°	2450	1666	1069	650	410	283	209	161	132	111	95
-12.5°	2128	1434	909	545	364	262	198	156	129	109	94
-15°	1752	1190	761	482	327	240	186	149	126	107	92
-17.5°	1381	931	584	396	288	221	176	145	122	104	91
-20°	1015	677	471	335	251	198	164	138	118	102	90

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REPORT NUMBER: P626594 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	704	511	367	275	222	182	153	131	113	99	88
-25°	507	380	294	239	196	165	143	125	109	97	86
-27.5°	372	294	247	206	174	153	135	118	105	93	83
-30°	287	245	209	179	159	141	126	113	101	90	81
-32.5°	233	207	180	161	145	131	119	107	96	87	78
-35°	198	178	161	146	133	122	111	101	92	83	75
-37.5°	173	158	145	134	124	114	105	96	88	79	71
-40°	155	143	133	123	115	107	99	91	83	75	68
-42.5°	141	131	122	114	107	101	94	87	79	72	65
-45°	129	121	113	107	101	95	89	82	75	68	62
-47.5°	119	113	106	100	95	89	84	78	72	65	59
-50°	110	105	99	94	89	84	79	74	68	61	56
-52.5°	102	98	93	89	84	79	74	69	63	58	53
-55°	96	92	87	83	79	74	70	64	59	54	49
-57.5°	89	85	82	78	74	70	65	60	55	50	45
-60°	82	79	76	72	69	65	60	55	50	45	41
-62.5°	74	71	68	65	62	58	53	49	45	41	36
-65°	65	62	60	57	53	50	46	42	39	36	32
-67.5°	56	54	51	48	45	42	39	37	34	31	27
-70°	48	46	44	41	39	36	33	31	28	25	22
-72.5°	41	39	37	35	32	30	28	25	23	21	18
-75°	34	32	30	28	26	24	22	21	19	17	15
-77.5°	26	25	24	22	21	19	18	16	15	13	12
-80°	20	19	18	17	16	14	13	12	11	9	8
-82.5°	14	13	13	12	11	10	9	8	7	6	5
-85°	8	8	7	7	6	6	5	5	4	4	3
-87.5°	3	3	3	3	3	2	2	2	2	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626594 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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	1	0	0	0	0	0	0	0	0
55°	3	2	1	1	1	1	0	0	1	0	0
52.5°	5	4	2	1	1	1	1	0	1	1	0
50°	9	6	4	3	1	1	1	1	1	1	0
47.5°	13	9	6	4	3	1	1	1	1	1	1
45°	16	13	9	6	4	2	2	1	1	1	1
42.5°	19	17	13	8	6	4	2	1	1	1	1
40°	24	20	16	12	8	5	3	2	1	1	1
37.5°	28	24	20	15	10	7	4	3	1	1	1
35°	32	28	23	18	13	9	5	4	2	1	1
32.5°	36	31	26	21	15	11	7	5	3	1	1
30°	41	35	29	23	18	13	9	6	4	2	1
27.5°	46	38	32	26	20	15	10	7	4	2	1
25°	50	42	34	28	23	17	12	8	5	3	1
22.5°	54	46	37	30	25	19	14	9	6	4	2
20°	58	49	40	33	27	21	16	11	7	4	2
17.5°	62	53	44	36	30	23	17	12	8	5	2
15°	66	56	47	39	32	25	19	13	9	5	3
12.5°	70	60	50	42	34	27	20	14	10	6	3
10°	73	63	53	44	36	28	21	15	11	6	4
7.5°	76	65	55	46	38	30	22	16	11	6	4
5°	78	67	57	48	40	31	23	17	12	7	4
2.5°	79	68	58	49	41	32	24	18	13	7	5
0°	80	69	59	50	42	33	25	18	13	7	5
-2.5°	81	70	61	51	43	35	26	19	14	8	5
-5°	82	71	61	52	44	35	26	19	14	9	5
-7.5°	82	71	62	53	44	36	27	20	15	9	5
-10°	82	72	62	53	45	36	27	20	15	10	5
-12.5°	82	72	63	53	45	37	28	20	15	10	5
-15°	81	72	62	53	45	37	28	21	15	10	5
-17.5°	80	71	62	53	45	36	28	21	15	10	6
-20°	79	71	61	52	44	36	28	21	15	10	6

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REPORT NUMBER: P626594 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	78	69	60	51	44	36	28	21	15	10	6
-25°	77	68	59	51	43	36	28	20	15	10	6
-27.5°	75	66	57	50	42	35	27	20	14	9	6
-30°	72	64	56	49	41	34	26	19	14	9	6
-32.5°	70	62	55	47	40	33	25	18	13	9	6
-35°	67	60	53	45	38	31	24	17	13	9	6
-37.5°	64	58	51	43	37	30	23	17	12	9	6
-40°	62	55	48	42	35	28	22	16	12	9	6
-42.5°	59	52	46	40	33	27	21	16	11	8	6
-45°	56	50	44	38	31	26	20	15	11	8	5
-47.5°	53	47	41	35	30	24	19	14	10	8	5
-50°	50	45	39	33	28	23	18	13	10	7	5
-52.5°	47	41	36	31	26	21	16	12	9	7	4
-55°	43	38	33	28	24	19	15	11	8	6	4
-57.5°	40	34	30	26	21	17	13	10	8	6	4
-60°	36	31	27	23	19	15	12	9	7	5	3
-62.5°	32	28	24	20	16	13	11	8	6	4	3
-65°	28	24	21	17	14	12	9	7	5	4	3
-67.5°	23	20	18	15	12	10	8	6	5	3	2
-70°	20	17	14	12	10	8	7	5	4	3	2
-72.5°	16	14	12	10	8	7	6	5	3	3	2
-75°	13	11	9	8	7	6	5	4	3	2	2
-77.5°	10	9	7	6	5	4	4	3	2	2	1
-80°	7	6	6	5	4	3	3	2	2	1	1
-82.5°	5	4	4	3	3	2	2	1	1	1	1
-85°	3	3	2	2	2	1	1	1	1	1	0
-87.5°	1	1	1	1	1	1	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: P626594 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	1	0	0	0	0	0	0
40°	1	0	0	0	0	0	0
37.5°	1	1	0	0	0	0	0
35°	1	1	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	1	0	0	0	0
20°	1	1	1	0	0	0	0
17.5°	1	1	1	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°	2	1	1	0	0	0	0
0°	2	1	1	0	0	0	0
-2.5°	2	1	1	0	0	0	0
-5°	2	1	1	0	0	0	0
-7.5°	3	1	1	0	0	0	0
-10°	3	1	1	0	0	0	0
-12.5°	3	1	1	0	0	0	0
-15°	3	1	1	0	0	0	0
-17.5°	3	1	1	0	0	0	0
-20°	3	1	1	0	0	0	0

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REPORT NUMBER: P626594 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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