

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: P626576 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-750-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626576 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-16)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-750-U-MWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2700.2 lumens
Efficiency: N/A
Efficacy: 149.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 3782.9 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 1808.6 lumens
Beam Efficiency: 67.0%

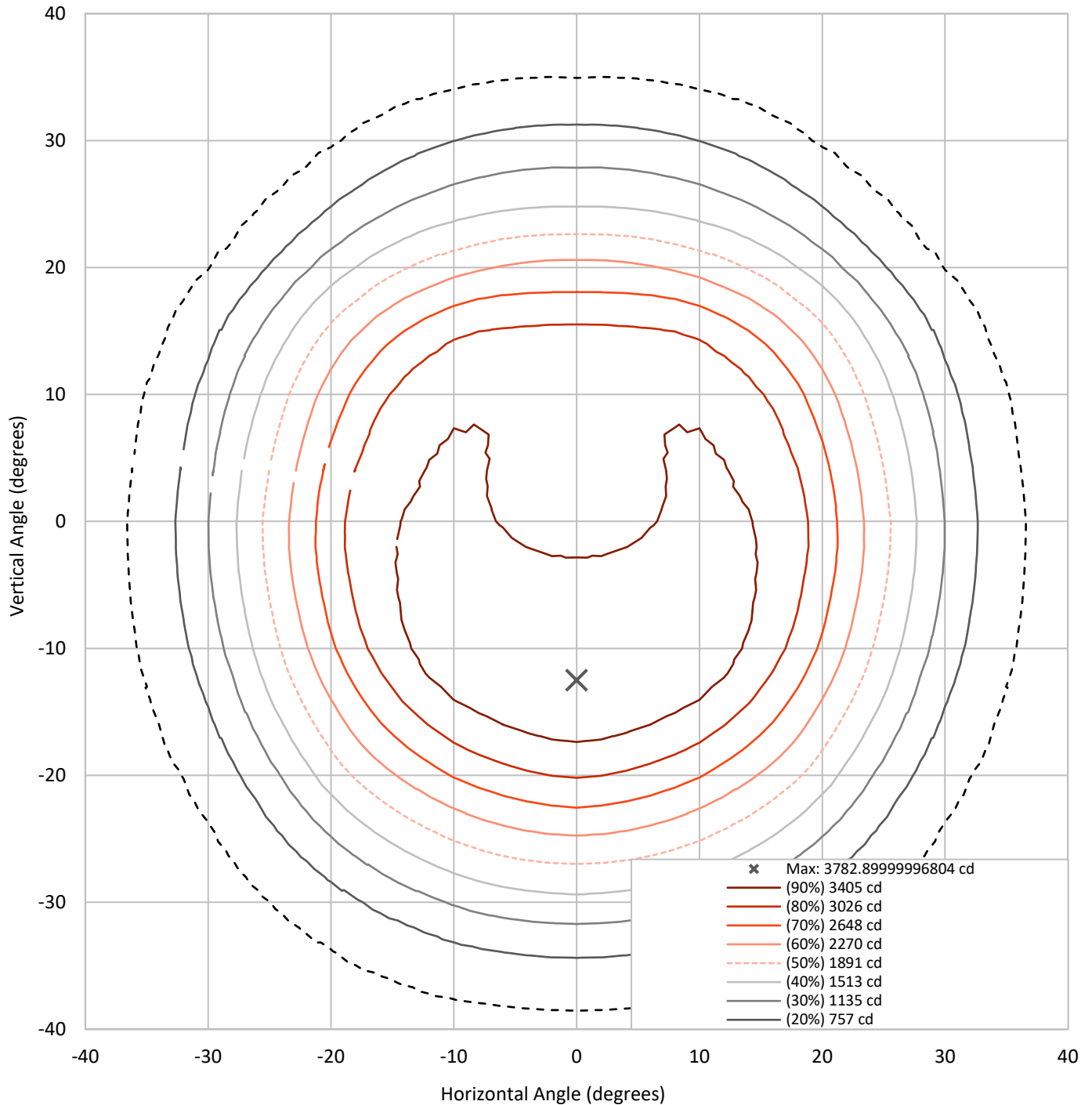
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 2433.8 lumens
Field Efficiency: 90.1%

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: P626576 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-750-U-MWR-VSR-XX

Iso-Candela Plot





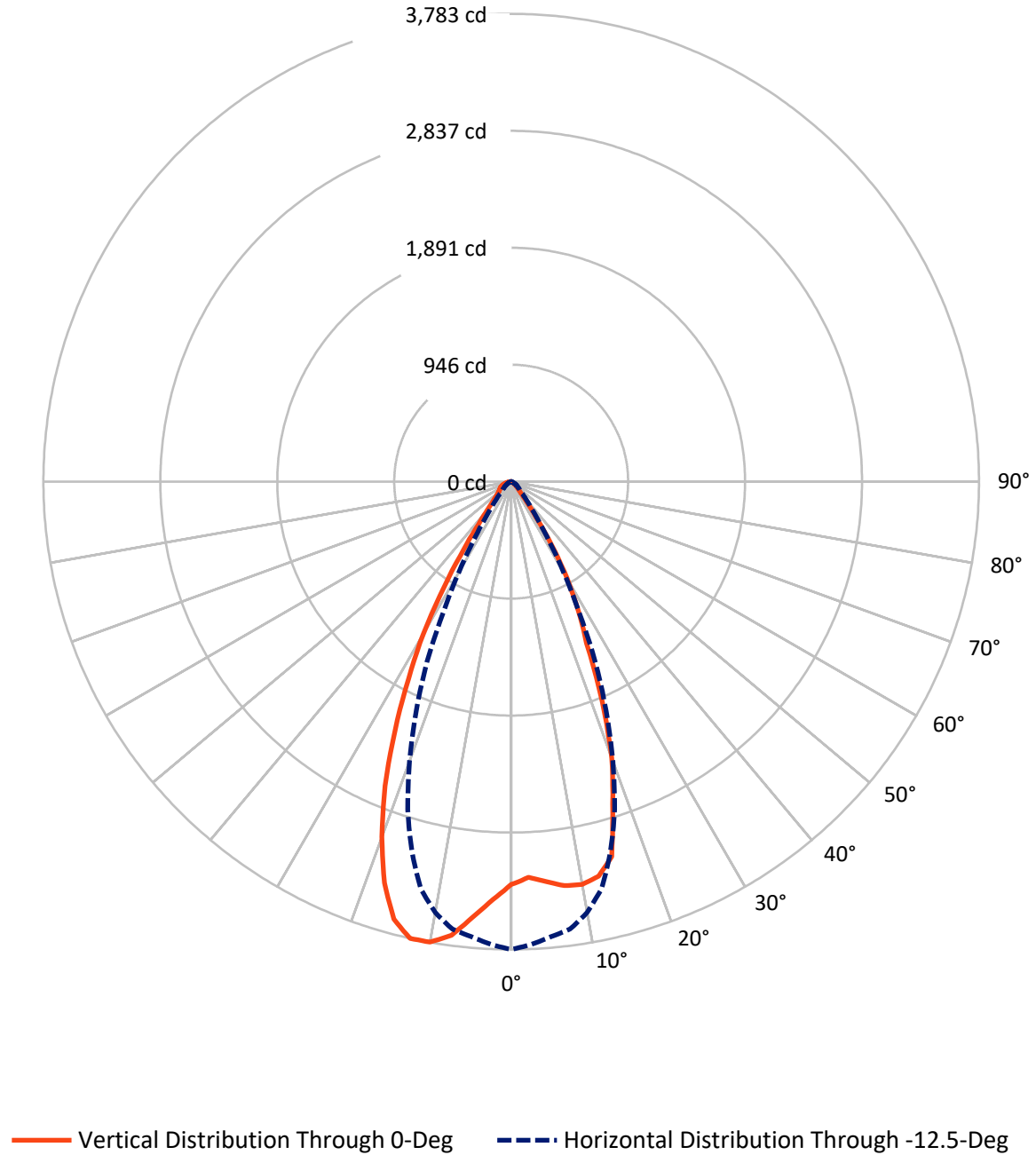
REPORT NUMBER: P626576 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																							
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								
70																							
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								
50		0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.6	0.5	0.4	0.2	0.1	0.0		0.0							
40	0.0	0.0	0.1	0.4	0.8	1.2	1.9	2.3	2.3	1.9	1.2	0.8	0.4	0.1	0.0	0.0							
30		0.0	0.3	0.8	1.6	3.5	8.0	12.2	12.2	8.0	3.5	1.6	0.8	0.3	0.0								
20	0.0	0.1	0.5	1.3	3.4	12.6	32.3	45.2	45.2	32.3	12.6	3.4	1.3	0.5	0.1	0.0							
10		0.2	0.7	1.9	8.1	34.9	72.7	90.0	90.0	72.7	34.9	8.1	1.9	0.7	0.2								
0	0.1	0.2	0.9	2.5	12.8	51.3	93.8	101.6	101.6	93.8	51.3	12.8	2.5	0.9	0.2	0.1							
-10		0.3	1.0	2.7	13.4	53.0	97.1	107.9	107.9	97.1	53.0	13.4	2.7	1.0	0.3								
-20	0.1	0.3	1.0	2.4	9.6	39.5	81.9	104.6	104.6	81.9	39.5	9.6	2.4	1.0	0.3	0.1							
-30		0.3	0.9	2.0	5.4	19.1	45.7	64.3	64.3	45.7	19.1	5.4	2.0	0.9	0.3								
-40	0.1	0.2	0.8	1.7	3.2	6.8	14.3	21.2	21.2	14.3	6.8	3.2	1.7	0.8	0.2	0.1							
-50		0.2	0.7	1.4	2.3	3.5	4.9	5.8	5.8	4.9	3.5	2.3	1.4	0.7	0.2								
-60	0.1	0.2	0.5	1.1	1.8	2.5	3.2	3.5	3.5	3.2	2.5	1.8	1.1	0.5	0.2	0.1							
-70		0.1	0.3	0.8	1.3	1.8	2.3	2.6	2.6	2.3	1.8	1.3	0.8	0.3	0.1								
-80	0.0	0.3	1.4	2.9	3.7	2.9	1.4	0.3	0.0														
-90																							
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90				

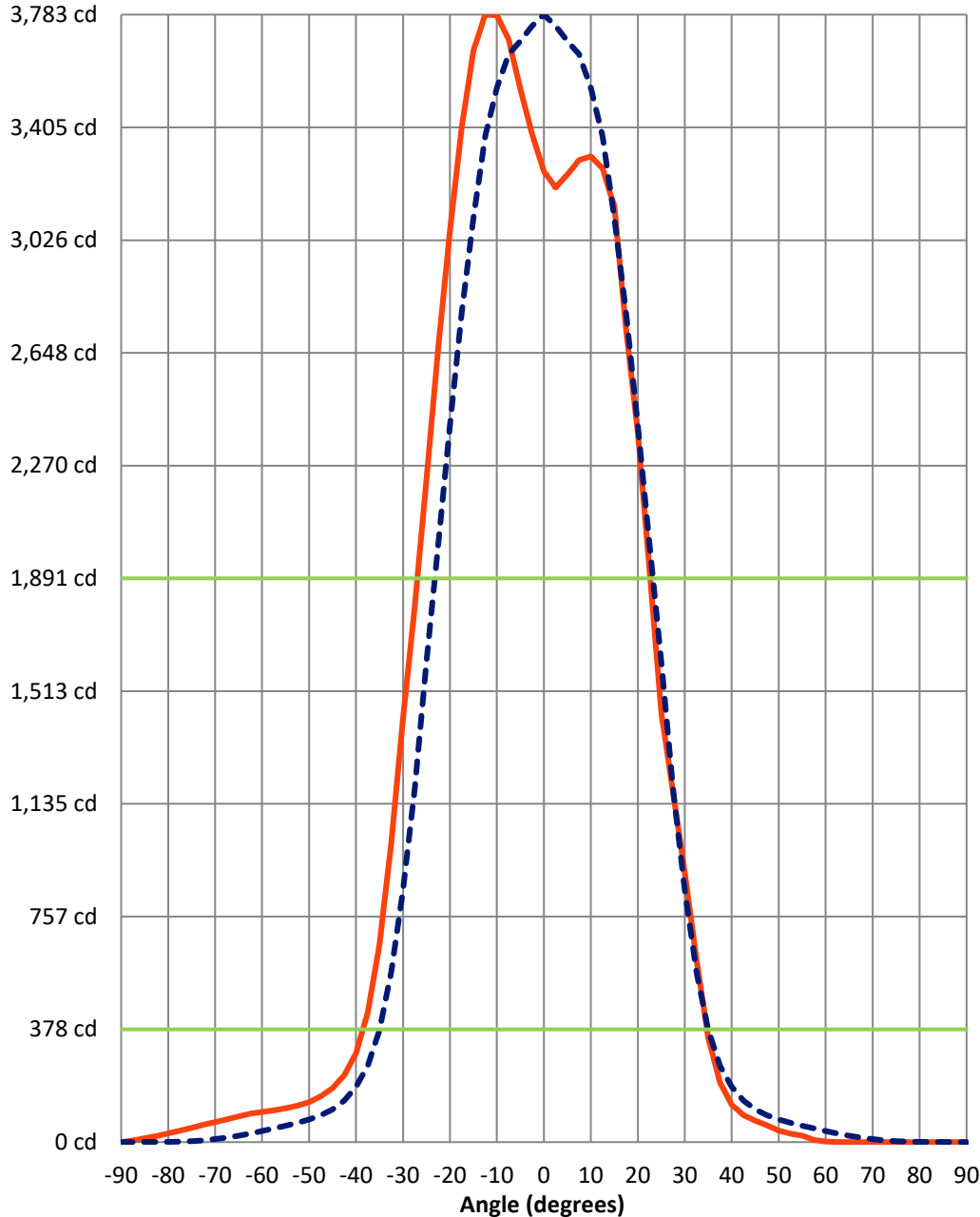
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 1808.6
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 2433.8
 Efficiency: 90.1%

Spill:
 Lumens: 266.4
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -12.5-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	1
57.5°	0	0	0	0	0	0	0	0	1	1	1
55°	0	0	0	0	0	0	0	1	1	1	1
52.5°	0	0	0	0	0	0	0	1	1	1	1
50°	0	0	0	1	0	0	1	1	1	1	1
47.5°	0	0	0	1	0	0	1	1	1	1	1
45°	0	0	0	1	0	0	1	1	1	1	1
42.5°	0	0	0	1	0	1	1	1	1	1	1
40°	0	0	0	1	1	1	1	1	1	1	1
37.5°	0	0	0	1	1	1	1	1	1	1	2
35°	0	0	0	1	1	1	1	1	1	2	2
32.5°	0	0	0	1	1	1	1	1	1	2	4
30°	0	0	0	1	1	1	1	1	2	3	5
27.5°	0	0	0	1	1	1	1	1	2	3	6
25°	0	0	0	1	1	1	1	1	3	4	7
22.5°	0	0	1	1	1	1	1	2	3	5	8
20°	0	0	1	1	1	1	1	2	4	6	10
17.5°	0	0	1	1	1	1	1	2	4	7	11
15°	0	0	1	1	1	1	1	2	5	7	13
12.5°	0	0	1	1	1	1	1	3	5	8	14
10°	0	0	1	1	1	1	1	3	6	9	15
7.5°	0	0	1	1	1	1	2	4	6	10	16
5°	0	0	1	1	1	1	2	4	6	11	17
2.5°	0	0	1	1	1	1	2	5	7	12	18
0°	0	0	1	1	1	1	2	5	7	13	18
-2.5°	0	0	1	1	1	1	2	5	8	14	19
-5°	0	0	1	1	1	1	3	5	9	14	20
-7.5°	0	0	1	1	1	1	3	5	9	15	20
-10°	0	0	1	1	1	1	3	5	10	15	21
-12.5°	0	0	1	1	1	2	3	6	10	15	21
-15°	0	0	1	1	1	2	3	6	10	15	22
-17.5°	0	0	1	1	1	2	3	6	10	15	22
-20°	0	0	1	1	1	2	4	6	10	15	21

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REPORT NUMBER: P626576 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-MWR-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	1	1	1	2	4	6	10	15	21
-25°	0	0	1	1	1	2	4	6	10	15	20
-27.5°	0	0	1	1	1	2	4	6	10	14	20
-30°	0	0	1	1	1	2	3	6	9	14	19
-32.5°	0	0	1	1	1	2	3	6	9	14	18
-35°	0	0	1	1	1	2	3	6	9	13	17
-37.5°	0	0	1	1	1	2	3	6	9	13	17
-40°	0	0	0	1	1	2	3	5	8	12	17
-42.5°	0	0	0	1	1	2	3	5	8	12	16
-45°	0	0	0	1	1	2	3	5	7	11	15
-47.5°	0	0	0	1	1	2	3	5	7	10	14
-50°	0	0	0	1	1	2	3	5	7	10	13
-52.5°	0	0	1	1	1	2	3	4	6	9	12
-55°	0	0	1	1	1	2	3	4	6	9	11
-57.5°	0	0	1	1	1	2	3	4	6	8	11
-60°	0	0	1	1	1	2	3	4	5	7	10
-62.5°	0	0	0	1	1	2	2	4	5	7	9
-65°	0	0	0	1	1	2	2	3	5	6	8
-67.5°	0	0	0	1	1	1	2	3	4	5	7
-70°	0	0	0	1	1	1	2	3	4	5	6
-72.5°	0	0	0	1	1	1	2	2	3	4	5
-75°	0	0	0	1	1	1	2	2	2	3	4
-77.5°	0	0	0	0	1	1	1	2	2	3	3
-80°	0	0	0	0	1	1	1	2	2	2	3
-82.5°	0	0	0	0	0	1	1	1	2	2	2
-85°	0	0	0	0	0	0	1	1	1	1	2
-87.5°	0	0	0	0	0	0	0	0	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626576 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	1	0	0	0	0	0	0	0	0	0	0
60°	1	1	0	0	1	1	0	0	0	1	1
57.5°	1	1	1	1	1	1	1	1	2	4	4
55°	1	1	1	1	1	1	2	3	5	6	7
52.5°	1	1	1	1	1	2	4	6	8	9	11
50°	1	1	1	2	3	5	7	10	12	14	16
47.5°	1	1	2	3	5	8	11	14	16	19	22
45°	1	2	3	5	8	11	15	18	20	24	27
42.5°	2	3	5	7	11	15	19	22	25	28	32
40°	3	4	6	10	14	19	23	26	29	34	38
37.5°	4	6	9	13	18	23	27	30	35	40	46
35°	5	8	12	17	22	27	31	35	41	48	55
32.5°	7	9	14	20	26	30	35	41	47	55	64
30°	8	12	17	23	29	34	40	47	53	62	73
27.5°	9	14	20	26	31	37	44	51	59	69	82
25°	11	16	23	29	34	41	49	57	64	77	95
22.5°	13	19	25	31	37	45	54	63	73	86	108
20°	15	21	28	34	39	49	59	70	84	102	131
17.5°	17	23	30	36	43	53	65	78	95	117	160
15°	19	25	32	39	47	58	71	87	107	134	187
12.5°	20	27	34	42	51	62	75	93	117	157	223
10°	22	28	36	44	54	65	80	98	125	172	250
7.5°	23	30	38	47	56	68	83	103	132	185	271
5°	24	31	40	49	58	71	86	106	138	194	287
2.5°	25	33	41	50	60	73	89	109	144	201	300
0°	25	35	42	51	61	74	91	112	149	206	311
-2.5°	26	35	44	52	63	75	91	113	150	207	309
-5°	27	36	45	53	64	76	92	114	150	206	302
-7.5°	28	36	46	54	65	76	92	114	149	202	292
-10°	28	37	46	54	65	76	91	112	145	196	276
-12.5°	29	37	46	55	65	76	90	110	140	186	256
-15°	29	37	46	55	64	75	88	106	132	172	232
-17.5°	29	37	46	54	64	74	86	102	125	161	214
-20°	29	37	46	53	63	73	84	99	120	149	192

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CATALOG NUMBER: GFLD-SA1A-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	29	37	45	53	62	71	82	95	112	137	171
-25°	28	37	45	52	61	70	79	91	106	127	156
-27.5°	27	36	44	51	59	68	77	87	100	117	140
-30°	26	35	43	50	58	66	74	83	95	109	128
-32.5°	25	34	41	49	56	64	72	80	90	102	117
-35°	24	32	40	47	54	62	70	77	85	96	109
-37.5°	23	31	38	45	52	60	67	74	82	90	102
-40°	22	29	37	44	50	57	64	71	78	87	95
-42.5°	21	28	35	42	48	55	61	68	75	83	91
-45°	21	27	33	40	46	52	59	65	72	79	87
-47.5°	19	25	32	37	43	49	56	62	68	75	82
-50°	18	23	29	35	40	46	52	59	65	70	77
-52.5°	17	21	27	32	37	42	49	55	61	67	72
-55°	15	19	25	30	35	39	45	51	57	63	68
-57.5°	14	18	22	27	32	37	42	47	53	58	64
-60°	13	16	20	24	29	34	39	44	49	54	59
-62.5°	11	14	17	21	26	30	35	40	45	49	54
-65°	10	13	15	18	22	26	31	35	40	44	48
-67.5°	9	11	13	16	19	22	26	30	34	38	42
-70°	8	10	11	13	16	19	22	25	29	32	36
-72.5°	7	8	10	11	13	16	18	21	24	27	30
-75°	5	7	8	9	11	13	15	17	20	22	25
-77.5°	4	5	6	7	9	10	12	14	16	18	19
-80°	3	4	5	6	7	8	9	10	12	13	15
-82.5°	3	3	4	4	5	6	6	7	8	9	11
-85°	2	2	3	3	3	4	4	5	5	6	7
-87.5°	1	1	1	1	2	2	2	2	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626576 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	0	0	0	0	0	0	0	0	0
60°	2	1	2	2	2	1	2	2	2	2	2
57.5°	4	5	5	6	7	7	8	9	9	9	10
55°	8	10	11	12	13	15	17	17	18	18	19
52.5°	13	15	15	17	20	21	22	23	25	27	28
50°	19	20	22	24	27	28	29	32	35	37	39
47.5°	24	26	30	34	36	38	41	44	47	51	54
45°	30	34	38	42	44	48	51	55	61	66	69
42.5°	36	40	45	49	52	57	63	68	76	83	87
40°	43	47	54	59	65	72	83	92	102	113	122
37.5°	52	58	67	76	85	95	114	133	149	171	183
35°	62	72	85	97	113	137	164	201	240	272	302
32.5°	74	87	104	127	153	191	232	301	367	433	498
30°	86	104	131	162	205	266	343	449	563	663	753
27.5°	101	128	162	209	282	371	514	660	806	935	1028
25°	120	156	204	282	387	535	727	906	1076	1204	1311
22.5°	148	201	270	369	559	765	995	1220	1412	1572	1677
20°	182	254	369	548	772	1030	1325	1562	1798	1978	2139
17.5°	229	345	507	734	1002	1346	1650	1914	2214	2398	2562
15°	273	420	652	942	1256	1620	1979	2303	2592	2794	2978
12.5°	327	501	767	1108	1452	1858	2230	2577	2860	3068	3197
10°	376	584	882	1239	1624	2048	2433	2795	3069	3230	3324
7.5°	415	653	976	1351	1757	2184	2591	2950	3212	3347	3411
5°	446	704	1049	1443	1865	2301	2717	3068	3289	3400	3436
2.5°	469	739	1098	1503	1938	2388	2813	3158	3347	3427	3439
0°	484	764	1130	1541	2000	2419	2864	3215	3395	3459	3465
-2.5°	481	755	1129	1528	1993	2433	2873	3219	3411	3497	3512
-5°	471	734	1091	1488	1936	2377	2796	3162	3397	3528	3586
-7.5°	452	697	1027	1414	1844	2286	2713	3093	3364	3548	3661
-10°	420	644	945	1319	1743	2164	2587	2981	3272	3494	3652
-12.5°	376	571	846	1185	1612	2004	2405	2782	3101	3374	3537
-15°	331	495	742	1053	1424	1811	2180	2551	2865	3121	3324
-17.5°	298	429	622	894	1220	1587	1947	2288	2571	2812	3025
-20°	258	354	507	736	1023	1344	1689	1992	2245	2471	2675

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626576 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	225	303	414	570	828	1111	1393	1672	1910	2111	2285
-25°	196	251	337	464	631	876	1114	1349	1569	1756	1913
-27.5°	172	216	274	364	491	634	843	1039	1228	1399	1547
-30°	151	184	229	286	372	478	604	751	901	1036	1171
-32.5°	136	160	190	232	281	357	433	532	627	725	822
-35°	123	141	162	191	224	268	318	378	430	494	553
-37.5°	113	127	143	160	184	209	243	279	311	347	377
-40°	106	116	127	139	155	172	194	214	234	256	273
-42.5°	99	107	115	125	134	148	162	175	187	200	211
-45°	94	100	107	114	121	131	141	151	159	166	172
-47.5°	89	94	100	105	112	119	125	131	138	144	148
-50°	83	89	94	99	104	109	115	120	124	129	131
-52.5°	78	84	89	93	98	102	107	111	115	119	120
-55°	74	79	84	88	92	96	100	104	108	111	112
-57.5°	70	75	80	83	87	90	94	98	102	105	106
-60°	65	70	74	78	81	85	89	92	96	98	100
-62.5°	58	63	67	71	74	77	81	85	88	91	93
-65°	51	56	59	63	66	69	73	76	79	82	84
-67.5°	45	49	52	55	58	61	64	67	70	73	74
-70°	39	42	45	48	51	53	56	59	61	63	65
-72.5°	33	36	38	41	43	46	48	50	52	54	56
-75°	27	30	32	34	36	38	40	41	43	45	46
-77.5°	21	23	25	27	29	30	32	33	34	36	37
-80°	16	18	19	21	22	23	24	25	26	27	28
-82.5°	12	13	14	14	15	16	17	18	18	19	20
-85°	7	8	8	9	9	10	10	11	11	12	12
-87.5°	4	4	4	4	5	5	5	5	5	6	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626576 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-MWR-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	0	0	0	0
60°	2	2	2	2	2	2	2	2	2	2	2
57.5°	9	9	8	7	8	9	9	10	9	9	9
55°	20	21	22	22	22	21	20	19	18	18	17
52.5°	29	29	29	29	29	29	29	28	27	25	23
50°	39	39	39	39	39	39	39	39	37	35	32
47.5°	55	56	57	56	57	56	55	54	51	47	44
45°	71	72	72	72	72	72	71	69	66	61	55
42.5°	89	91	91	91	91	91	89	87	83	76	68
40°	126	128	127	125	127	128	126	122	113	102	92
37.5°	191	198	200	200	200	198	191	183	171	149	133
35°	330	352	363	350	363	352	330	302	272	240	201
32.5°	552	591	613	613	613	591	552	498	433	367	301
30°	821	870	898	904	898	870	821	753	663	563	449
27.5°	1101	1152	1178	1174	1178	1152	1101	1028	935	806	660
25°	1382	1420	1442	1443	1442	1420	1382	1311	1204	1076	906
22.5°	1796	1877	1910	1919	1910	1877	1796	1677	1572	1412	1220
20°	2248	2326	2377	2380	2377	2326	2248	2139	1978	1798	1562
17.5°	2679	2717	2725	2728	2725	2717	2679	2562	2398	2214	1914
15°	3084	3098	3134	3139	3134	3098	3084	2978	2794	2592	2303
12.5°	3277	3290	3284	3267	3284	3290	3277	3197	3068	2860	2577
10°	3382	3365	3339	3307	3339	3365	3382	3324	3230	3069	2795
7.5°	3406	3387	3340	3295	3340	3387	3406	3411	3347	3212	2950
5°	3417	3360	3302	3246	3302	3360	3417	3436	3400	3289	3068
2.5°	3411	3343	3263	3203	3263	3343	3411	3439	3427	3347	3158
0°	3432	3364	3280	3258	3280	3364	3432	3465	3459	3395	3215
-2.5°	3493	3437	3394	3382	3394	3437	3493	3512	3497	3411	3219
-5°	3602	3590	3516	3533	3516	3590	3602	3586	3528	3397	3162
-7.5°	3707	3690	3659	3699	3659	3690	3707	3661	3548	3364	3093
-10°	3735	3730	3744	3780	3744	3730	3735	3652	3494	3272	2981
-12.5°	3650	3695	3745	3783	3745	3695	3650	3537	3374	3101	2782
-15°	3458	3550	3626	3661	3626	3550	3458	3324	3121	2865	2551
-17.5°	3176	3289	3378	3404	3378	3289	3176	3025	2812	2571	2288
-20°	2829	2944	3025	3058	3025	2944	2829	2675	2471	2245	1992

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REPORT NUMBER: P626576 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2439	2551	2625	2663	2625	2551	2439	2285	2111	1910	1672
-25°	2043	2141	2206	2224	2206	2141	2043	1913	1756	1569	1349
-27.5°	1664	1743	1791	1796	1791	1743	1664	1547	1399	1228	1039
-30°	1282	1356	1398	1420	1398	1356	1282	1171	1036	901	751
-32.5°	901	959	994	1004	994	959	901	822	725	627	532
-35°	600	637	659	664	659	637	600	553	494	430	378
-37.5°	401	419	430	435	430	419	401	377	347	311	279
-40°	284	293	297	298	297	293	284	273	256	234	214
-42.5°	218	222	224	225	224	222	218	211	200	187	175
-45°	176	179	181	181	181	179	176	172	166	159	151
-47.5°	150	152	153	154	153	152	150	148	144	138	131
-50°	133	134	134	134	134	134	133	131	129	124	120
-52.5°	121	122	122	122	122	122	121	120	119	115	111
-55°	113	114	114	114	114	114	113	112	111	108	104
-57.5°	107	107	107	107	107	107	107	106	105	102	98
-60°	101	101	101	101	101	101	101	100	98	96	92
-62.5°	94	96	96	96	96	96	94	93	91	88	85
-65°	85	87	87	86	87	87	85	84	82	79	76
-67.5°	75	76	77	76	77	76	75	74	73	70	67
-70°	66	67	67	67	67	67	66	65	63	61	59
-72.5°	57	58	58	58	58	58	57	56	54	52	50
-75°	47	48	48	48	48	48	47	46	45	43	41
-77.5°	38	39	39	39	39	39	38	37	36	34	33
-80°	29	30	29	29	29	30	29	28	27	26	25
-82.5°	20	21	21	21	21	21	20	20	19	18	18
-85°	13	13	13	13	13	13	13	12	12	11	11
-87.5°	6	6	6	6	6	6	6	6	6	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626576 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-MWR-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°	0	0	0	0	0	0	0	0	0	0	0
60°	2	1	2	2	2	1	2	1	1	0	0
57.5°	8	7	7	6	5	5	4	4	4	2	1
55°	17	15	13	12	11	10	8	7	6	5	3
52.5°	22	21	20	17	15	15	13	11	9	8	6
50°	29	28	27	24	22	20	19	16	14	12	10
47.5°	41	38	36	34	30	26	24	22	19	16	14
45°	51	48	44	42	38	34	30	27	24	20	18
42.5°	63	57	52	49	45	40	36	32	28	25	22
40°	83	72	65	59	54	47	43	38	34	29	26
37.5°	114	95	85	76	67	58	52	46	40	35	30
35°	164	137	113	97	85	72	62	55	48	41	35
32.5°	232	191	153	127	104	87	74	64	55	47	41
30°	343	266	205	162	131	104	86	73	62	53	47
27.5°	514	371	282	209	162	128	101	82	69	59	51
25°	727	535	387	282	204	156	120	95	77	64	57
22.5°	995	765	559	369	270	201	148	108	86	73	63
20°	1325	1030	772	548	369	254	182	131	102	84	70
17.5°	1650	1346	1002	734	507	345	229	160	117	95	78
15°	1979	1620	1256	942	652	420	273	187	134	107	87
12.5°	2230	1858	1452	1108	767	501	327	223	157	117	93
10°	2433	2048	1624	1239	882	584	376	250	172	125	98
7.5°	2591	2184	1757	1351	976	653	415	271	185	132	103
5°	2717	2301	1865	1443	1049	704	446	287	194	138	106
2.5°	2813	2388	1938	1503	1098	739	469	300	201	144	109
0°	2864	2419	2000	1541	1130	764	484	311	206	149	112
-2.5°	2873	2433	1993	1528	1129	755	481	309	207	150	113
-5°	2796	2377	1936	1488	1091	734	471	302	206	150	114
-7.5°	2713	2286	1844	1414	1027	697	452	292	202	149	114
-10°	2587	2164	1743	1319	945	644	420	276	196	145	112
-12.5°	2405	2004	1612	1185	846	571	376	256	186	140	110
-15°	2180	1811	1424	1053	742	495	331	232	172	132	106
-17.5°	1947	1587	1220	894	622	429	298	214	161	125	102
-20°	1689	1344	1023	736	507	354	258	192	149	120	99

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REPORT NUMBER: P626576 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1393	1111	828	570	414	303	225	171	137	112	95
-25°	1114	876	631	464	337	251	196	156	127	106	91
-27.5°	843	634	491	364	274	216	172	140	117	100	87
-30°	604	478	372	286	229	184	151	128	109	95	83
-32.5°	433	357	281	232	190	160	136	117	102	90	80
-35°	318	268	224	191	162	141	123	109	96	85	77
-37.5°	243	209	184	160	143	127	113	102	90	82	74
-40°	194	172	155	139	127	116	106	95	87	78	71
-42.5°	162	148	134	125	115	107	99	91	83	75	68
-45°	141	131	121	114	107	100	94	87	79	72	65
-47.5°	125	119	112	105	100	94	89	82	75	68	62
-50°	115	109	104	99	94	89	83	77	70	65	59
-52.5°	107	102	98	93	89	84	78	72	67	61	55
-55°	100	96	92	88	84	79	74	68	63	57	51
-57.5°	94	90	87	83	80	75	70	64	58	53	47
-60°	89	85	81	78	74	70	65	59	54	49	44
-62.5°	81	77	74	71	67	63	58	54	49	45	40
-65°	73	69	66	63	59	56	51	48	44	40	35
-67.5°	64	61	58	55	52	49	45	42	38	34	30
-70°	56	53	51	48	45	42	39	36	32	29	25
-72.5°	48	46	43	41	38	36	33	30	27	24	21
-75°	40	38	36	34	32	30	27	25	22	20	17
-77.5°	32	30	29	27	25	23	21	19	18	16	14
-80°	24	23	22	21	19	18	16	15	13	12	10
-82.5°	17	16	15	14	14	13	12	11	9	8	7
-85°	10	10	9	9	8	8	7	7	6	5	5
-87.5°	5	5	5	4	4	4	4	3	3	3	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626576 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-750-U-MWR-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	1	0	0	0	0
60°	0	1	1	0	0	1	1	1	0	0	0
57.5°	1	1	1	1	1	1	1	1	1	1	0
55°	2	1	1	1	1	1	1	1	1	1	1
52.5°	4	2	1	1	1	1	1	1	1	1	1
50°	7	5	3	2	1	1	1	1	1	1	1
47.5°	11	8	5	3	2	1	1	1	1	1	1
45°	15	11	8	5	3	2	1	1	1	1	1
42.5°	19	15	11	7	5	3	2	1	1	1	1
40°	23	19	14	10	6	4	3	1	1	1	1
37.5°	27	23	18	13	9	6	4	2	1	1	1
35°	31	27	22	17	12	8	5	2	2	1	1
32.5°	35	30	26	20	14	9	7	4	2	1	1
30°	40	34	29	23	17	12	8	5	3	2	1
27.5°	44	37	31	26	20	14	9	6	3	2	1
25°	49	41	34	29	23	16	11	7	4	3	1
22.5°	54	45	37	31	25	19	13	8	5	3	2
20°	59	49	39	34	28	21	15	10	6	4	2
17.5°	65	53	43	36	30	23	17	11	7	4	2
15°	71	58	47	39	32	25	19	13	7	5	2
12.5°	75	62	51	42	34	27	20	14	8	5	3
10°	80	65	54	44	36	28	22	15	9	6	3
7.5°	83	68	56	47	38	30	23	16	10	6	4
5°	86	71	58	49	40	31	24	17	11	6	4
2.5°	89	73	60	50	41	33	25	18	12	7	5
0°	91	74	61	51	42	35	25	18	13	7	5
-2.5°	91	75	63	52	44	35	26	19	14	8	5
-5°	92	76	64	53	45	36	27	20	14	9	5
-7.5°	92	76	65	54	46	36	28	20	15	9	5
-10°	91	76	65	54	46	37	28	21	15	10	5
-12.5°	90	76	65	55	46	37	29	21	15	10	6
-15°	88	75	64	55	46	37	29	22	15	10	6
-17.5°	86	74	64	54	46	37	29	22	15	10	6
-20°	84	73	63	53	46	37	29	21	15	10	6

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REPORT NUMBER: P626576 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	82	71	62	53	45	37	29	21	15	10	6
-25°	79	70	61	52	45	37	28	20	15	10	6
-27.5°	77	68	59	51	44	36	27	20	14	10	6
-30°	74	66	58	50	43	35	26	19	14	9	6
-32.5°	72	64	56	49	41	34	25	18	14	9	6
-35°	70	62	54	47	40	32	24	17	13	9	6
-37.5°	67	60	52	45	38	31	23	17	13	9	6
-40°	64	57	50	44	37	29	22	17	12	8	5
-42.5°	61	55	48	42	35	28	21	16	12	8	5
-45°	59	52	46	40	33	27	21	15	11	7	5
-47.5°	56	49	43	37	32	25	19	14	10	7	5
-50°	52	46	40	35	29	23	18	13	10	7	5
-52.5°	49	42	37	32	27	21	17	12	9	6	4
-55°	45	39	35	30	25	19	15	11	9	6	4
-57.5°	42	37	32	27	22	18	14	11	8	6	4
-60°	39	34	29	24	20	16	13	10	7	5	4
-62.5°	35	30	26	21	17	14	11	9	7	5	4
-65°	31	26	22	18	15	13	10	8	6	5	3
-67.5°	26	22	19	16	13	11	9	7	5	4	3
-70°	22	19	16	13	11	10	8	6	5	4	3
-72.5°	18	16	13	11	10	8	7	5	4	3	2
-75°	15	13	11	9	8	7	5	4	3	2	2
-77.5°	12	10	9	7	6	5	4	3	3	2	2
-80°	9	8	7	6	5	4	3	3	2	2	2
-82.5°	6	6	5	4	4	3	3	2	2	2	1
-85°	4	4	3	3	3	2	2	2	1	1	1
-87.5°	2	2	2	1	1	1	1	1	1	1	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: P626576 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-MWR-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°	1	0	0	1	0	0	0
47.5°	1	0	0	1	0	0	0
45°	1	0	0	1	0	0	0
42.5°	1	1	0	1	0	0	0
40°	1	1	1	1	0	0	0
37.5°	1	1	1	1	0	0	0
35°	1	1	1	1	0	0	0
32.5°	1	1	1	1	0	0	0
30°	1	1	1	1	0	0	0
27.5°	1	1	1	1	0	0	0
25°	1	1	1	1	0	0	0
22.5°	1	1	1	1	1	0	0
20°	1	1	1	1	1	0	0
17.5°	1	1	1	1	1	0	0
15°	1	1	1	1	1	0	0
12.5°	1	1	1	1	1	0	0
10°	1	1	1	1	1	0	0
7.5°	2	1	1	1	1	0	0
5°	2	1	1	1	1	0	0
2.5°	2	1	1	1	1	0	0
0°	2	1	1	1	1	0	0
-2.5°	2	1	1	1	1	0	0
-5°	3	1	1	1	1	0	0
-7.5°	3	1	1	1	1	0	0
-10°	3	1	1	1	1	0	0
-12.5°	3	2	1	1	1	0	0
-15°	3	2	1	1	1	0	0
-17.5°	3	2	1	1	1	0	0
-20°	4	2	1	1	1	0	0

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CATALOG NUMBER: GFLD-SA1A-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	4	2	1	1	1	0	0
-25°	4	2	1	1	1	0	0
-27.5°	4	2	1	1	1	0	0
-30°	3	2	1	1	1	0	0
-32.5°	3	2	1	1	1	0	0
-35°	3	2	1	1	1	0	0
-37.5°	3	2	1	1	1	0	0
-40°	3	2	1	1	0	0	0
-42.5°	3	2	1	1	0	0	0
-45°	3	2	1	1	0	0	0
-47.5°	3	2	1	1	0	0	0
-50°	3	2	1	1	0	0	0
-52.5°	3	2	1	1	1	0	0
-55°	3	2	1	1	1	0	0
-57.5°	3	2	1	1	1	0	0
-60°	3	2	1	1	1	0	0
-62.5°	2	2	1	1	0	0	0
-65°	2	2	1	1	0	0	0
-67.5°	2	1	1	1	0	0	0
-70°	2	1	1	1	0	0	0
-72.5°	2	1	1	1	0	0	0
-75°	2	1	1	1	0	0	0
-77.5°	1	1	1	0	0	0	0
-80°	1	1	1	0	0	0	0
-82.5°	1	1	0	0	0	0	0
-85°	1	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)