

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: P626674 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-735-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626674 (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-SA1C-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: 5511.7 lumens
Efficiency: N/A
Efficacy: 126.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 19433.3 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 2755.9 lumens
Beam Efficiency: 50.0%

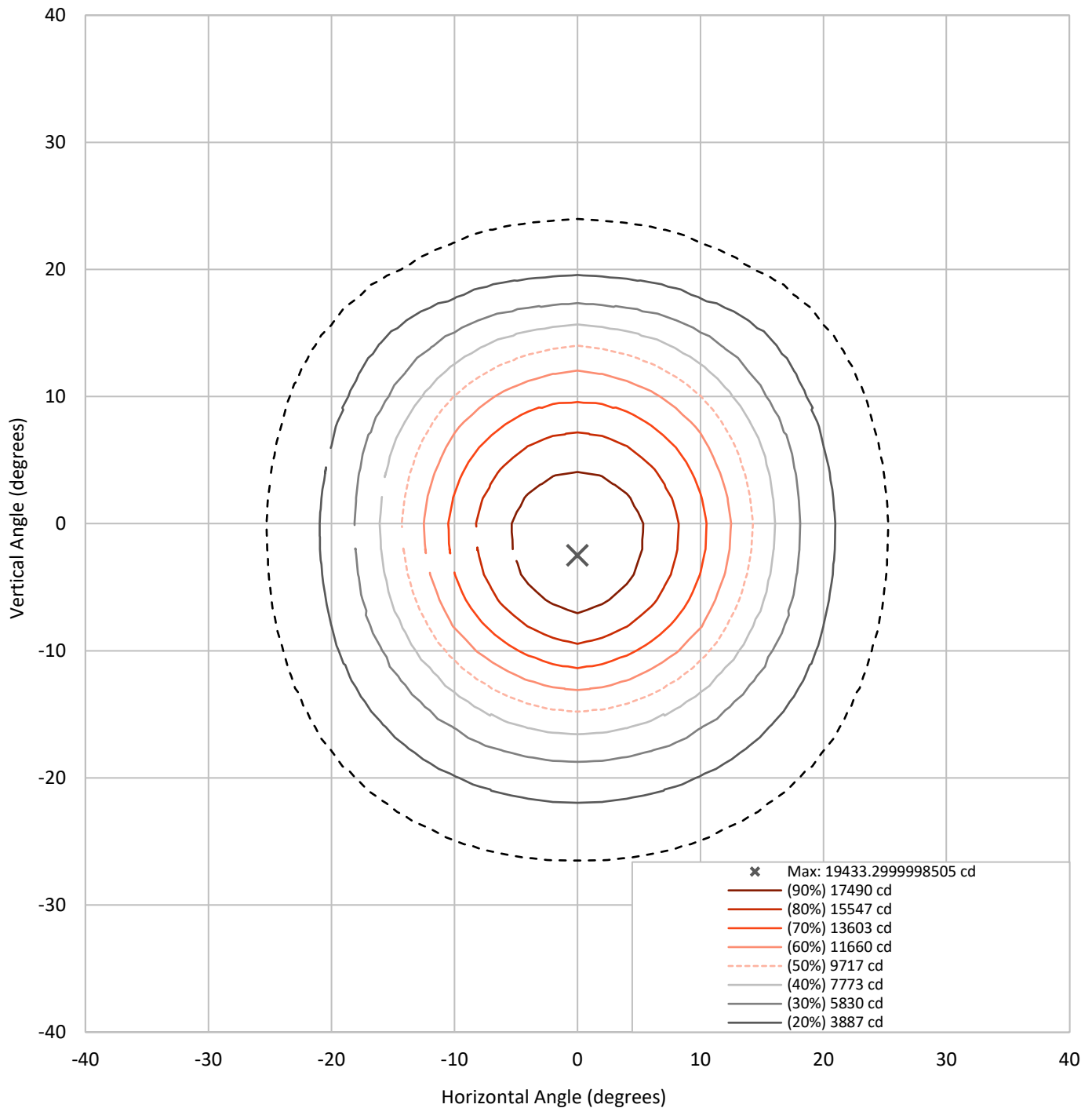
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 4735.6 lumens
Field Efficiency: 85.9%

Input Watts (W): 43.5
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																								
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	0.2	0.4	0.6	0.9	1.0	1.0	0.9	0.6	0.4	0.2	0.0		0.0								
40	0.0	0.0	0.2	0.6	1.2	1.8	2.5	2.9	2.9	2.5	1.8	1.2	0.6	0.2	0.0	0.0								
30		0.1	0.5	1.2	2.2	3.6	5.9	7.9	7.9	5.9	3.6	2.2	1.2	0.5	0.1									
20	0.0	0.2	0.7	1.8	3.4	8.3	26.2	48.0	48.0	26.2	8.3	3.4	1.8	0.7	0.2	0.0								
10		0.3	1.0	2.4	5.9	28.7	116.7	228.6	228.6	116.7	28.7	5.9	2.4	1.0	0.3									
0	0.1	0.3	1.2	2.9	8.4	54.7	235.7	462.0	462.0	235.7	54.7	8.4	2.9	1.2	0.3	0.1								
-10		0.4	1.4	3.1	9.0	57.3	241.8	489.8	489.8	241.8	57.3	9.0	3.1	1.4	0.4									
-20	0.1	0.4	1.4	3.0	7.4	35.2	133.7	259.2	259.2	133.7	35.2	7.4	3.0	1.4	0.4	0.1								
-30		0.4	1.3	2.7	5.4	13.7	41.4	73.9	73.9	41.4	13.7	5.4	2.7	1.3	0.4									
-40	0.1	0.4	1.2	2.4	4.1	6.7	11.0	14.7	14.7	11.0	6.7	4.1	2.4	1.2	0.4	0.1								
-50		0.3	1.0	2.0	3.2	4.6	6.1	6.9	6.9	6.1	4.6	3.2	2.0	1.0	0.3									
-60	0.1	0.2	0.7	1.5	2.5	3.5	4.4	4.8	4.8	4.4	3.5	2.5	1.5	0.7	0.2	0.1								
-70		0.1	0.5	1.0	1.7	2.4	3.0	3.3	3.3	3.0	2.4	1.7	1.0	0.5	0.1									
-80	0.0	0.4	1.6	3.5	4.4	3.5	1.6	0.4	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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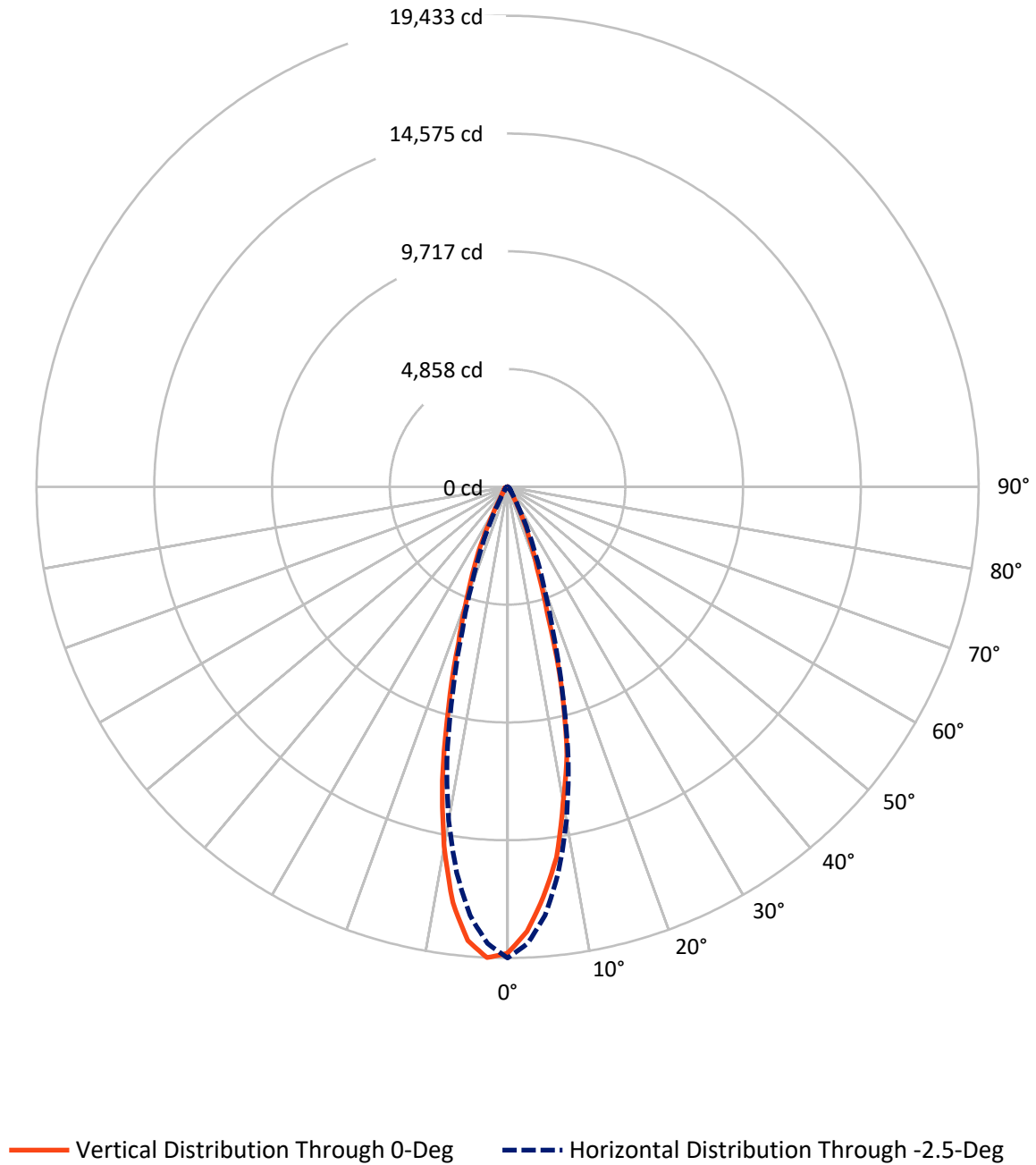
Scaled Data Report



REPORT NUMBER: P626674 (CONVERTED FROM TYPE C PHOTOMETRY)

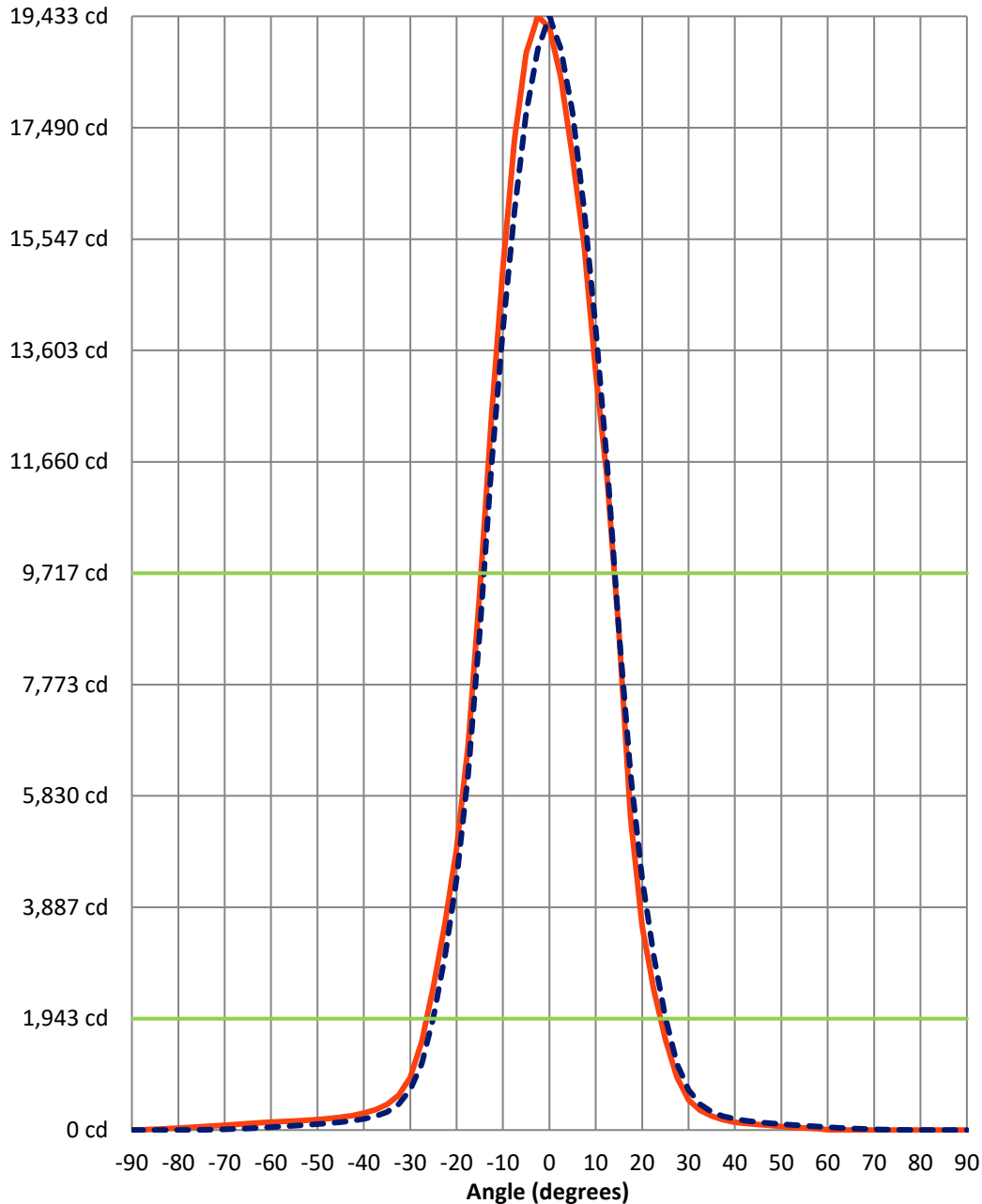
CATALOG NUMBER: GFLD-SA1C-735-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 2755.9
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 4735.6
 Efficiency: 85.9%

Spill:
 Lumens: 776.1
 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	1	0
55°	0	0	0	0	0	0	0	0	1	1	0
52.5°	0	0	0	0	0	0	0	0	1	1	1
50°	0	0	0	0	0	0	0	1	1	1	1
47.5°	0	0	0	0	0	0	0	1	1	1	1
45°	0	0	0	0	0	0	1	1	1	1	1
42.5°	0	0	0	0	0	1	1	1	1	1	2
40°	0	0	0	0	0	1	1	1	1	1	3
37.5°	0	0	0	0	0	1	1	1	1	2	4
35°	0	0	0	0	0	1	1	1	2	3	5
32.5°	0	0	0	0	0	1	1	1	2	4	7
30°	0	0	0	0	1	1	1	1	3	5	8
27.5°	0	0	0	0	1	1	1	2	3	6	10
25°	0	0	0	0	1	1	1	2	4	7	11
22.5°	0	0	0	0	1	1	1	3	5	9	14
20°	0	0	0	0	1	1	1	3	6	10	16
17.5°	0	0	0	0	1	1	1	4	7	12	18
15°	0	0	0	0	1	1	1	4	7	13	19
12.5°	0	0	0	0	1	1	2	5	8	14	21
10°	0	0	0	0	1	1	2	5	9	15	22
7.5°	0	0	0	0	1	1	2	6	9	17	24
5°	0	0	0	0	1	1	2	6	10	18	25
2.5°	0	0	0	0	1	1	2	7	11	19	26
0°	0	0	0	0	1	1	2	7	11	20	27
-2.5°	0	0	0	0	1	1	3	7	12	20	28
-5°	0	0	0	0	1	1	3	8	13	21	28
-7.5°	0	0	0	0	1	2	4	8	14	21	29
-10°	0	0	0	0	1	2	4	8	15	22	29
-12.5°	0	0	0	0	1	2	4	8	15	22	30
-15°	0	0	0	0	1	2	5	8	15	22	30
-17.5°	0	0	0	0	1	2	5	8	15	22	31
-20°	0	0	0	1	1	2	5	9	15	22	31

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REPORT NUMBER: P626674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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	1	1	2	5	9	14	22	30
-25°	0	0	0	1	1	2	5	9	14	22	29
-27.5°	0	0	0	1	1	2	5	9	14	21	29
-30°	0	0	0	1	1	2	5	9	13	20	28
-32.5°	0	0	0	1	1	2	5	9	13	20	27
-35°	0	0	0	0	1	2	5	9	13	19	25
-37.5°	0	0	0	0	2	2	5	9	13	18	25
-40°	0	0	0	0	2	3	5	8	12	17	24
-42.5°	0	0	0	0	2	3	5	8	12	17	23
-45°	0	0	0	0	2	3	5	8	12	16	22
-47.5°	0	0	0	0	1	3	4	7	11	15	21
-50°	0	0	0	0	1	3	4	7	10	14	19
-52.5°	0	0	0	0	1	2	4	6	10	13	18
-55°	0	0	0	0	1	2	4	6	9	12	17
-57.5°	0	0	0	0	1	2	4	5	8	11	15
-60°	0	0	0	0	1	2	3	5	7	10	14
-62.5°	0	0	0	0	1	2	3	4	7	9	12
-65°	0	0	0	0	1	2	3	4	6	8	11
-67.5°	0	0	0	0	1	1	2	4	5	7	9
-70°	0	0	0	0	1	1	2	3	4	6	8
-72.5°	0	0	0	0	1	1	2	3	4	5	7
-75°	0	0	0	0	1	1	2	2	3	4	5
-77.5°	0	0	0	0	0	1	1	2	2	3	4
-80°	0	0	0	0	0	1	1	1	2	2	3
-82.5°	0	0	0	0	0	1	1	1	1	2	2
-85°	0	0	0	0	0	0	1	1	1	1	1
-87.5°	0	0	0	0	0	0	0	0	0	0	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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	1	1	1	1	1	2
57.5°	0	0	1	1	1	1	2	2	4	6	7
55°	0	1	1	1	2	3	4	6	8	11	13
52.5°	1	1	1	2	4	5	8	11	14	16	18
50°	1	1	2	4	6	9	13	17	20	22	25
47.5°	2	2	4	6	9	14	19	22	25	29	34
45°	2	4	6	9	13	19	24	27	32	37	42
42.5°	3	5	9	12	19	24	28	33	38	44	50
40°	5	7	12	17	24	29	34	40	45	52	58
37.5°	6	10	15	22	29	35	41	47	53	60	67
35°	8	13	19	26	33	40	47	54	62	70	78
32.5°	10	16	23	30	38	46	53	62	70	79	89
30°	13	19	26	34	42	51	60	70	78	88	98
27.5°	15	22	30	38	46	55	67	76	86	96	107
25°	18	25	33	41	50	61	73	83	93	104	118
22.5°	20	28	37	45	54	67	79	90	101	112	128
20°	23	31	40	49	59	72	85	98	110	125	142
17.5°	25	34	43	53	64	77	91	105	119	137	159
15°	27	37	47	57	69	83	97	112	129	149	174
12.5°	29	39	50	61	73	87	102	118	137	162	193
10°	31	41	53	65	77	92	107	123	144	171	207
7.5°	33	43	56	68	81	95	111	128	150	178	218
5°	34	45	58	70	83	98	114	132	154	183	227
2.5°	36	47	60	72	85	100	116	134	157	189	234
0°	37	49	61	73	87	102	117	136	159	193	239
-2.5°	38	51	63	75	89	103	119	137	161	195	240
-5°	39	52	64	76	90	104	120	138	162	195	240
-7.5°	39	53	64	77	91	104	120	139	163	195	240
-10°	40	53	65	78	91	105	120	138	162	192	236
-12.5°	41	53	65	78	92	105	120	137	160	189	229
-15°	41	53	65	78	91	105	119	135	156	184	219
-17.5°	41	53	65	77	91	104	117	133	153	179	212
-20°	41	53	65	76	90	103	116	131	150	173	202

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CATALOG NUMBER: GFLD-SA1C-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°	41	53	64	75	88	101	114	129	146	165	192
-25°	40	52	63	74	86	99	112	125	141	160	183
-27.5°	39	51	62	73	84	96	109	122	137	154	173
-30°	38	50	60	71	82	94	106	118	132	147	165
-32.5°	36	48	58	69	80	91	102	114	127	141	157
-35°	34	46	56	66	77	88	98	109	122	134	148
-37.5°	33	43	54	63	74	85	94	104	116	128	140
-40°	32	41	51	61	70	81	90	100	110	122	134
-42.5°	31	39	49	58	67	77	86	95	105	116	127
-45°	29	37	46	55	64	73	82	91	100	110	120
-47.5°	28	36	44	52	61	69	77	86	96	105	114
-50°	26	33	41	48	57	65	74	81	90	99	108
-52.5°	24	31	38	45	52	61	69	77	84	92	101
-55°	22	28	35	41	48	56	64	72	79	86	94
-57.5°	19	25	31	38	44	50	58	66	73	80	88
-60°	17	22	27	34	40	46	52	59	66	73	80
-62.5°	15	19	24	29	35	41	47	53	60	66	71
-65°	14	17	21	25	30	35	41	47	53	58	62
-67.5°	12	14	18	21	26	30	34	40	45	49	54
-70°	10	12	15	18	21	25	29	33	37	41	45
-72.5°	8	10	12	14	17	20	23	27	30	34	37
-75°	7	8	10	12	14	16	19	22	25	27	30
-77.5°	5	7	8	9	11	13	15	17	19	21	24
-80°	4	5	6	7	8	9	11	12	14	16	17
-82.5°	3	3	4	5	6	6	7	8	9	10	12
-85°	1	2	2	3	3	4	4	4	5	6	7
-87.5°	1	1	1	1	1	2	2	2	2	2	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626674 (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	1	1	1	1	1	2	2	2	2	2
60°	3	3	5	6	5	4	6	7	7	6	6
57.5°	9	11	12	13	14	17	18	18	18	19	21
55°	15	17	18	20	23	25	27	28	30	31	33
52.5°	20	23	25	28	31	33	34	37	40	43	44
50°	29	32	35	39	42	45	47	51	55	59	61
47.5°	38	42	46	51	55	57	61	65	71	76	79
45°	47	51	56	61	65	69	74	79	85	90	94
42.5°	54	59	65	70	74	80	86	92	99	106	110
40°	63	68	76	81	86	93	103	111	119	127	132
37.5°	74	82	90	97	104	112	125	138	149	159	167
35°	86	96	107	114	124	139	156	174	192	207	220
32.5°	98	109	120	132	147	168	189	218	245	273	299
30°	109	121	134	150	174	203	238	282	331	379	434
27.5°	120	134	149	174	210	251	314	384	484	565	695
25°	133	148	169	208	258	329	440	565	772	949	1149
22.5°	148	171	201	250	334	462	633	906	1224	1520	1802
20°	166	197	249	327	448	644	969	1383	1826	2258	2676
17.5°	190	240	314	425	596	1009	1493	2085	2842	3411	3951
15°	212	275	388	567	888	1421	2096	3003	4023	4880	5850
12.5°	239	315	450	683	1142	1845	2707	3788	4995	6297	7816
10°	262	355	529	850	1407	2225	3190	4459	6010	7852	9772
7.5°	279	389	596	975	1630	2537	3688	5231	7195	9348	11538
5°	293	415	648	1073	1819	2790	4051	5842	8080	10551	12729
2.5°	304	433	682	1133	1947	2963	4300	6167	8622	11337	13624
0°	312	444	701	1176	2007	3044	4415	6298	8876	11722	14074
-2.5°	315	450	702	1161	1970	3039	4388	6217	8701	11569	13978
-5°	316	447	684	1130	1906	2930	4212	5912	8166	10857	13298
-7.5°	314	435	648	1055	1762	2738	3967	5459	7306	9679	12202
-10°	305	414	600	952	1564	2438	3585	4846	6321	8258	10303
-12.5°	290	383	533	798	1330	2098	3114	4228	5378	6651	8333
-15°	272	351	478	705	1114	1741	2563	3505	4459	5434	6460
-17.5°	258	323	422	580	855	1362	2020	2776	3551	4325	5016
-20°	240	290	367	490	690	990	1485	2073	2652	3283	3813

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

Scaled Data Report



REPORT NUMBER: P626674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	224	267	325	402	536	747	1030	1444	1884	2342	2777
-25°	210	242	287	350	430	555	742	958	1267	1549	1872
-27.5°	197	224	255	301	362	431	545	671	833	968	1183
-30°	185	206	232	262	306	359	420	497	576	655	758
-32.5°	174	192	212	236	263	302	341	390	433	481	530
-35°	163	179	195	214	235	261	290	322	351	380	406
-37.5°	153	166	181	196	213	231	253	276	296	314	330
-40°	145	156	168	181	194	209	226	243	256	268	278
-42.5°	138	147	157	167	179	192	206	219	228	236	243
-45°	131	139	148	156	166	177	189	199	206	212	217
-47.5°	123	131	139	147	156	165	174	182	188	193	197
-50°	116	123	130	137	145	153	161	168	173	178	181
-52.5°	109	116	123	130	136	143	149	155	161	166	168
-55°	102	109	115	122	128	134	140	145	150	155	156
-57.5°	95	102	109	114	119	125	131	136	141	145	146
-60°	87	95	100	105	111	116	121	125	130	134	136
-62.5°	78	85	90	95	100	104	108	113	117	120	122
-65°	67	73	78	83	87	91	95	99	103	105	107
-67.5°	58	62	66	71	75	79	83	86	89	91	93
-70°	49	52	56	60	64	68	71	74	77	79	80
-72.5°	40	44	47	51	54	57	60	63	65	67	68
-75°	33	36	39	42	45	47	49	51	53	55	56
-77.5°	26	28	30	33	35	37	39	40	42	43	44
-80°	19	21	23	24	26	27	29	30	31	33	34
-82.5°	13	14	16	17	18	19	20	20	21	22	23
-85°	8	8	9	10	11	11	12	12	13	13	14
-87.5°	3	3	4	4	4	5	5	5	5	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626674 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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	2	2	2	2
60°	5	5	5	5	5	5	5	6	6	7	7
57.5°	23	24	25	26	25	24	23	21	19	18	18
55°	35	36	36	36	36	36	35	33	31	30	28
52.5°	45	45	45	44	45	45	45	44	43	40	37
50°	62	62	62	62	62	62	62	61	59	55	51
47.5°	80	81	81	81	81	81	80	79	76	71	65
45°	96	97	97	97	97	97	96	94	90	85	79
42.5°	112	113	113	114	113	113	112	110	106	99	92
40°	134	135	135	135	135	135	134	132	127	119	111
37.5°	172	174	175	179	175	174	172	167	159	149	138
35°	230	236	240	245	240	236	230	220	207	192	174
32.5°	317	330	337	344	337	330	317	299	273	245	218
30°	472	497	507	526	507	497	472	434	379	331	282
27.5°	790	850	873	923	873	850	790	695	565	484	384
25°	1331	1460	1531	1587	1531	1460	1331	1149	949	772	565
22.5°	2086	2275	2376	2451	2376	2275	2086	1802	1520	1224	906
20°	3055	3305	3454	3562	3454	3305	3055	2676	2258	1826	1383
17.5°	4644	5036	5265	5462	5265	5036	4644	3951	3411	2842	2085
15°	6933	7721	8333	8674	8333	7721	6933	5850	4880	4023	3003
12.5°	9159	10313	10999	11315	10999	10313	9159	7816	6297	4995	3788
10°	11361	12450	13102	13217	13102	12450	11361	9772	7852	6010	4459
7.5°	13047	14244	15111	15426	15111	14244	13047	11538	9348	7195	5231
5°	14536	15938	16855	16971	16855	15938	14536	12729	10551	8080	5842
2.5°	15632	17155	18045	18351	18045	17155	15632	13624	11337	8622	6167
0°	16161	17802	18792	19238	18792	17802	16161	14074	11722	8876	6298
-2.5°	16050	17747	18852	19433	18852	17747	16050	13978	11569	8701	6217
-5°	15440	17142	18172	18790	18172	17142	15440	13298	10857	8166	5912
-7.5°	14032	15624	16721	17291	16721	15624	14032	12202	9679	7306	5459
-10°	12219	13566	14566	15052	14566	13566	12219	10303	8258	6321	4846
-12.5°	9863	11169	12071	12415	12071	11169	9863	8333	6651	5378	4228
-15°	7557	8554	9195	9397	9195	8554	7557	6460	5434	4459	3505
-17.5°	5731	6267	6628	6725	6628	6267	5731	5016	4325	3551	2776
-20°	4293	4626	4860	4915	4860	4626	4293	3813	3283	2652	2073

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REPORT NUMBER: P626674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	3128	3378	3567	3605	3567	3378	3128	2777	2342	1884	1444
-25°	2158	2367	2495	2505	2495	2367	2158	1872	1549	1267	958
-27.5°	1353	1468	1527	1548	1527	1468	1353	1183	968	833	671
-30°	836	889	917	918	917	889	836	758	655	576	497
-32.5°	567	593	607	607	607	593	567	530	481	433	390
-35°	425	438	446	447	446	438	425	406	380	351	322
-37.5°	342	349	353	354	353	349	342	330	314	296	276
-40°	286	291	294	296	294	291	286	278	268	256	243
-42.5°	247	251	252	251	252	251	247	243	236	228	219
-45°	220	222	223	224	223	222	220	217	212	206	199
-47.5°	199	200	200	201	200	200	199	197	193	188	182
-50°	182	183	183	182	183	183	182	181	178	173	168
-52.5°	168	168	169	169	169	168	168	168	166	161	155
-55°	157	157	158	158	158	157	157	156	155	150	145
-57.5°	148	149	149	148	149	149	148	146	145	141	136
-60°	138	139	139	140	139	139	138	136	134	130	125
-62.5°	124	125	126	126	126	125	124	122	120	117	113
-65°	108	109	111	113	111	109	108	107	105	103	99
-67.5°	94	95	96	98	96	95	94	93	91	89	86
-70°	82	83	83	83	83	83	82	80	79	77	74
-72.5°	70	71	71	71	71	71	70	68	67	65	63
-75°	57	58	59	59	59	58	57	56	55	53	51
-77.5°	45	46	46	47	46	46	45	44	43	42	40
-80°	34	35	35	34	35	35	34	34	33	31	30
-82.5°	24	24	24	23	24	24	24	23	22	21	20
-85°	14	15	14	14	14	15	14	14	13	13	12
-87.5°	6	6	5	5	5	6	6	5	5	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626674 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	2	1	1	1	1	1	0	0	0	0	0
60°	6	4	5	6	5	3	3	2	1	1	1
57.5°	18	17	14	13	12	11	9	7	6	4	2
55°	27	25	23	20	18	17	15	13	11	8	6
52.5°	34	33	31	28	25	23	20	18	16	14	11
50°	47	45	42	39	35	32	29	25	22	20	17
47.5°	61	57	55	51	46	42	38	34	29	25	22
45°	74	69	65	61	56	51	47	42	37	32	27
42.5°	86	80	74	70	65	59	54	50	44	38	33
40°	103	93	86	81	76	68	63	58	52	45	40
37.5°	125	112	104	97	90	82	74	67	60	53	47
35°	156	139	124	114	107	96	86	78	70	62	54
32.5°	189	168	147	132	120	109	98	89	79	70	62
30°	238	203	174	150	134	121	109	98	88	78	70
27.5°	314	251	210	174	149	134	120	107	96	86	76
25°	440	329	258	208	169	148	133	118	104	93	83
22.5°	633	462	334	250	201	171	148	128	112	101	90
20°	969	644	448	327	249	197	166	142	125	110	98
17.5°	1493	1009	596	425	314	240	190	159	137	119	105
15°	2096	1421	888	567	388	275	212	174	149	129	112
12.5°	2707	1845	1142	683	450	315	239	193	162	137	118
10°	3190	2225	1407	850	529	355	262	207	171	144	123
7.5°	3688	2537	1630	975	596	389	279	218	178	150	128
5°	4051	2790	1819	1073	648	415	293	227	183	154	132
2.5°	4300	2963	1947	1133	682	433	304	234	189	157	134
0°	4415	3044	2007	1176	701	444	312	239	193	159	136
-2.5°	4388	3039	1970	1161	702	450	315	240	195	161	137
-5°	4212	2930	1906	1130	684	447	316	240	195	162	138
-7.5°	3967	2738	1762	1055	648	435	314	240	195	163	139
-10°	3585	2438	1564	952	600	414	305	236	192	162	138
-12.5°	3114	2098	1330	798	533	383	290	229	189	160	137
-15°	2563	1741	1114	705	478	351	272	219	184	156	135
-17.5°	2020	1362	855	580	422	323	258	212	179	153	133
-20°	1485	990	690	490	367	290	240	202	173	150	131

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REPORT NUMBER: P626674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	1030	747	536	402	325	267	224	192	165	146	129
-25°	742	555	430	350	287	242	210	183	160	141	125
-27.5°	545	431	362	301	255	224	197	173	154	137	122
-30°	420	359	306	262	232	206	185	165	147	132	118
-32.5°	341	302	263	236	212	192	174	157	141	127	114
-35°	290	261	235	214	195	179	163	148	134	122	109
-37.5°	253	231	213	196	181	166	153	140	128	116	104
-40°	226	209	194	181	168	156	145	134	122	110	100
-42.5°	206	192	179	167	157	147	138	127	116	105	95
-45°	189	177	166	156	148	139	131	120	110	100	91
-47.5°	174	165	156	147	139	131	123	114	105	96	86
-50°	161	153	145	137	130	123	116	108	99	90	81
-52.5°	149	143	136	130	123	116	109	101	92	84	77
-55°	140	134	128	122	115	109	102	94	86	79	72
-57.5°	131	125	119	114	109	102	95	88	80	73	66
-60°	121	116	111	105	100	95	87	80	73	66	59
-62.5°	108	104	100	95	90	85	78	71	66	60	53
-65°	95	91	87	83	78	73	67	62	58	53	47
-67.5°	83	79	75	71	66	62	58	54	49	45	40
-70°	71	68	64	60	56	52	49	45	41	37	33
-72.5°	60	57	54	51	47	44	40	37	34	30	27
-75°	49	47	45	42	39	36	33	30	27	25	22
-77.5°	39	37	35	33	30	28	26	24	21	19	17
-80°	29	27	26	24	23	21	19	17	16	14	12
-82.5°	20	19	18	17	16	14	13	12	10	9	8
-85°	12	11	11	10	9	8	8	7	6	5	4
-87.5°	5	5	4	4	4	3	3	3	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626674 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-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°	1	1	0	0	0	0	0	0	0	0	0
57.5°	2	1	1	1	1	0	0	0	1	0	0
55°	4	3	2	1	1	1	0	0	1	1	0
52.5°	8	5	4	2	1	1	1	1	1	1	0
50°	13	9	6	4	2	1	1	1	1	1	1
47.5°	19	14	9	6	4	2	2	1	1	1	1
45°	24	19	13	9	6	4	2	1	1	1	1
42.5°	28	24	19	12	9	5	3	2	1	1	1
40°	34	29	24	17	12	7	5	3	1	1	1
37.5°	41	35	29	22	15	10	6	4	2	1	1
35°	47	40	33	26	19	13	8	5	3	2	1
32.5°	53	46	38	30	23	16	10	7	4	2	1
30°	60	51	42	34	26	19	13	8	5	3	1
27.5°	67	55	46	38	30	22	15	10	6	3	2
25°	73	61	50	41	33	25	18	11	7	4	2
22.5°	79	67	54	45	37	28	20	14	9	5	3
20°	85	72	59	49	40	31	23	16	10	6	3
17.5°	91	77	64	53	43	34	25	18	12	7	4
15°	97	83	69	57	47	37	27	19	13	7	4
12.5°	102	87	73	61	50	39	29	21	14	8	5
10°	107	92	77	65	53	41	31	22	15	9	5
7.5°	111	95	81	68	56	43	33	24	17	9	6
5°	114	98	83	70	58	45	34	25	18	10	6
2.5°	116	100	85	72	60	47	36	26	19	11	7
0°	117	102	87	73	61	49	37	27	20	11	7
-2.5°	119	103	89	75	63	51	38	28	20	12	7
-5°	120	104	90	76	64	52	39	28	21	13	8
-7.5°	120	104	91	77	64	53	39	29	21	14	8
-10°	120	105	91	78	65	53	40	29	22	15	8
-12.5°	120	105	92	78	65	53	41	30	22	15	8
-15°	119	105	91	78	65	53	41	30	22	15	8
-17.5°	117	104	91	77	65	53	41	31	22	15	8
-20°	116	103	90	76	65	53	41	31	22	15	9

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REPORT NUMBER: P626674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	114	101	88	75	64	53	41	30	22	14	9
-25°	112	99	86	74	63	52	40	29	22	14	9
-27.5°	109	96	84	73	62	51	39	29	21	14	9
-30°	106	94	82	71	60	50	38	28	20	13	9
-32.5°	102	91	80	69	58	48	36	27	20	13	9
-35°	98	88	77	66	56	46	34	25	19	13	9
-37.5°	94	85	74	63	54	43	33	25	18	13	9
-40°	90	81	70	61	51	41	32	24	17	12	8
-42.5°	86	77	67	58	49	39	31	23	17	12	8
-45°	82	73	64	55	46	37	29	22	16	12	8
-47.5°	77	69	61	52	44	36	28	21	15	11	7
-50°	74	65	57	48	41	33	26	19	14	10	7
-52.5°	69	61	52	45	38	31	24	18	13	10	6
-55°	64	56	48	41	35	28	22	17	12	9	6
-57.5°	58	50	44	38	31	25	19	15	11	8	5
-60°	52	46	40	34	27	22	17	14	10	7	5
-62.5°	47	41	35	29	24	19	15	12	9	7	4
-65°	41	35	30	25	21	17	14	11	8	6	4
-67.5°	34	30	26	21	18	14	12	9	7	5	4
-70°	29	25	21	18	15	12	10	8	6	4	3
-72.5°	23	20	17	14	12	10	8	7	5	4	3
-75°	19	16	14	12	10	8	7	5	4	3	2
-77.5°	15	13	11	9	8	7	5	4	3	2	2
-80°	11	9	8	7	6	5	4	3	2	2	1
-82.5°	7	6	6	5	4	3	3	2	2	1	1
-85°	4	4	3	3	2	2	1	1	1	1	1
-87.5°	2	2	1	1	1	1	1	1	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: P626674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	1	0	0	0	0	0	0
42.5°	1	1	0	0	0	0	0
40°	1	1	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	1	0	0	0	0
27.5°	1	1	1	0	0	0	0
25°	1	1	1	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°	2	1	1	0	0	0	0
10°	2	1	1	0	0	0	0
7.5°	2	1	1	0	0	0	0
5°	2	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°	3	1	1	0	0	0	0
-5°	3	1	1	0	0	0	0
-7.5°	4	2	1	0	0	0	0
-10°	4	2	1	0	0	0	0
-12.5°	4	2	1	0	0	0	0
-15°	5	2	1	0	0	0	0
-17.5°	5	2	1	0	0	0	0
-20°	5	2	1	1	0	0	0

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REPORT NUMBER: P626674 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	5	2	1	1	0	0	0
-25°	5	2	1	1	0	0	0
-27.5°	5	2	1	1	0	0	0
-30°	5	2	1	1	0	0	0
-32.5°	5	2	1	1	0	0	0
-35°	5	2	1	0	0	0	0
-37.5°	5	2	2	0	0	0	0
-40°	5	3	2	0	0	0	0
-42.5°	5	3	2	0	0	0	0
-45°	5	3	2	0	0	0	0
-47.5°	4	3	1	0	0	0	0
-50°	4	3	1	0	0	0	0
-52.5°	4	2	1	0	0	0	0
-55°	4	2	1	0	0	0	0
-57.5°	4	2	1	0	0	0	0
-60°	3	2	1	0	0	0	0
-62.5°	3	2	1	0	0	0	0
-65°	3	2	1	0	0	0	0
-67.5°	2	1	1	0	0	0	0
-70°	2	1	1	0	0	0	0
-72.5°	2	1	1	0	0	0	0
-75°	2	1	1	0	0	0	0
-77.5°	1	1	0	0	0	0	0
-80°	1	1	0	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)