

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: P626794 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-735-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626794 (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-SA1E-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: 7270.3 lumens
Efficiency: N/A
Efficacy: 109.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 25633.6 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 3635.2 lumens
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 6246.5 lumens
Field Efficiency: 85.9%

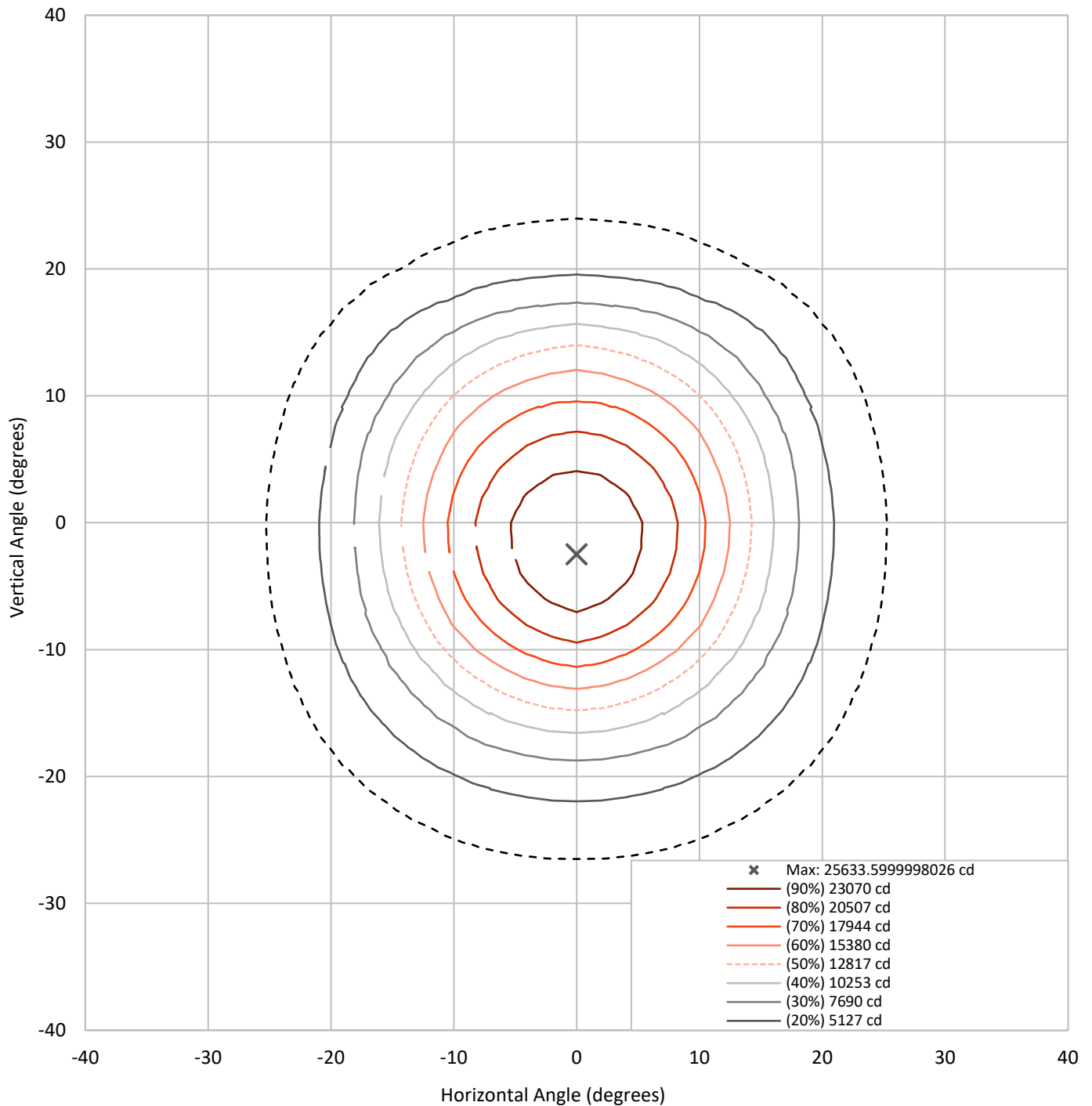
Input Watts (W): 66.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA1E-735-U-MR-VSR-XX

Iso-Candela Plot





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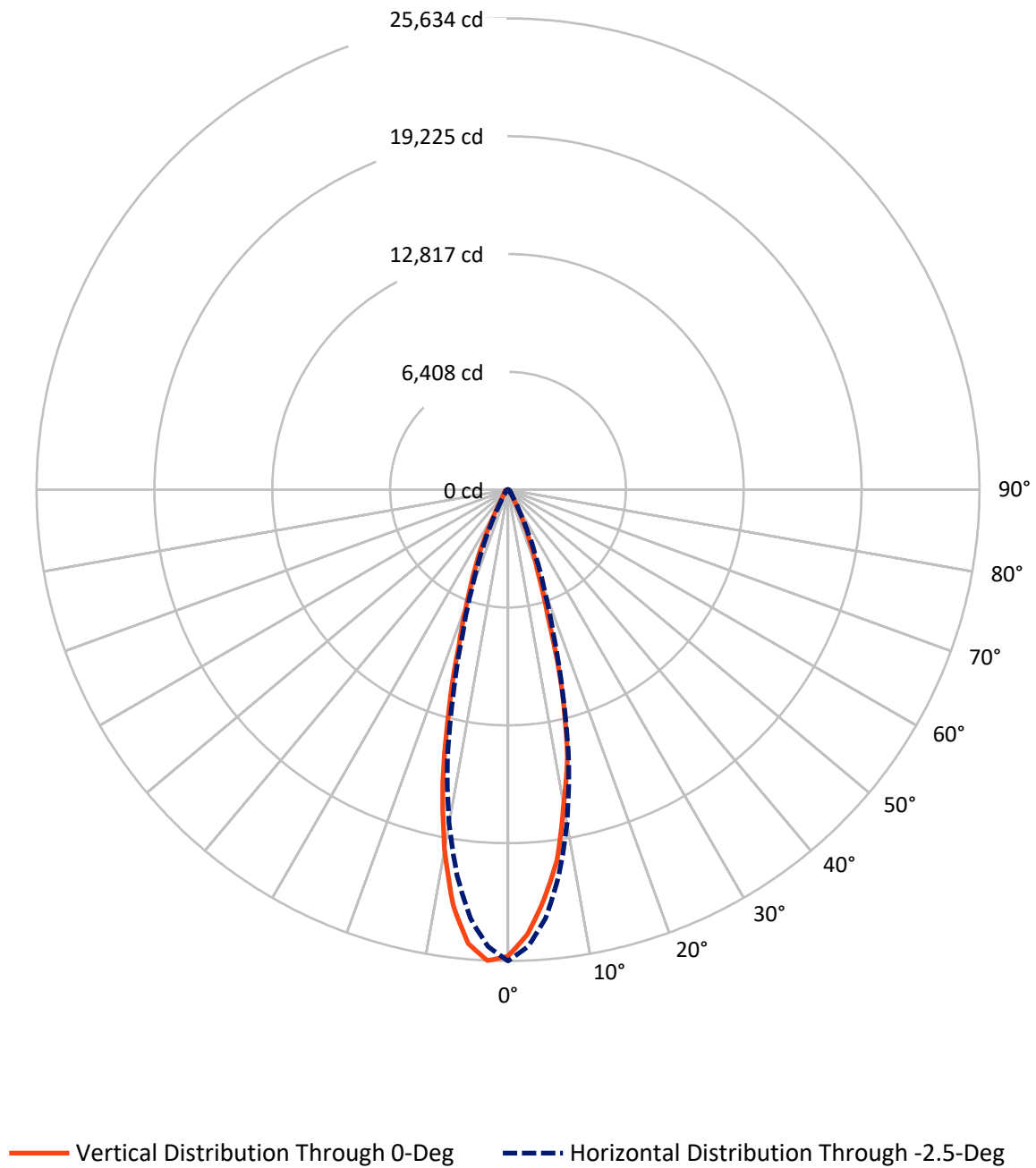
CATALOG NUMBER: GFLD-SA1E-735-U-MR-VSR-XX

Lumen Table

90																			
80	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	0.0			
50		0.0	0.0	0.2	0.5	0.8	1.1	1.4	1.4	1.1	0.8	0.5	0.2	0.0	0.0				
40	0.0	0.0	0.2	0.8	1.5	2.4	3.3	3.9	3.9	3.3	2.4	1.5	0.8	0.2	0.0	0.0			
30		0.1	0.6	1.6	2.9	4.7	7.8	10.5	10.5	7.8	4.7	2.9	1.6	0.6	0.1				
20	0.1	0.2	1.0	2.4	4.5	11.0	34.5	63.3	63.3	34.5	11.0	4.5	2.4	1.0	0.2	0.1			
10		0.4	1.4	3.2	7.7	37.9	154.0	301.5	301.5	154.0	37.9	7.7	3.2	1.4	0.4				
0	0.1	0.5	1.6	3.8	11.1	72.2	310.9	609.3	609.3	310.9	72.2	11.1	3.8	1.6	0.5	0.1			
-10		0.5	1.8	4.1	11.9	75.6	319.0	646.1	646.1	319.0	75.6	11.9	4.1	1.8	0.5				
-20	0.1	0.6	1.8	4.0	9.8	46.4	176.4	341.9	341.9	176.4	46.4	9.8	4.0	1.8	0.6	0.1			
-30		0.5	1.7	3.6	7.1	18.0	54.6	97.5	97.5	54.6	18.0	7.1	3.6	1.7	0.5				
-40	0.1	0.5	1.5	3.1	5.4	8.9	14.5	19.4	19.4	14.5	8.9	5.4	3.1	1.5	0.5	0.1			
-50		0.4	1.3	2.6	4.3	6.1	8.1	9.1	9.1	8.1	6.1	4.3	2.6	1.3	0.4				
-60	0.1	0.3	1.0	2.0	3.3	4.7	5.8	6.3	6.3	5.8	4.7	3.3	2.0	1.0	0.3	0.1			
-70		0.2	0.6	1.3	2.2	3.2	4.0	4.4	4.4	4.0	3.2	2.2	1.3	0.6	0.2				
-80	0.0	0.5		2.2		4.6		5.9		4.6		2.2		0.5		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

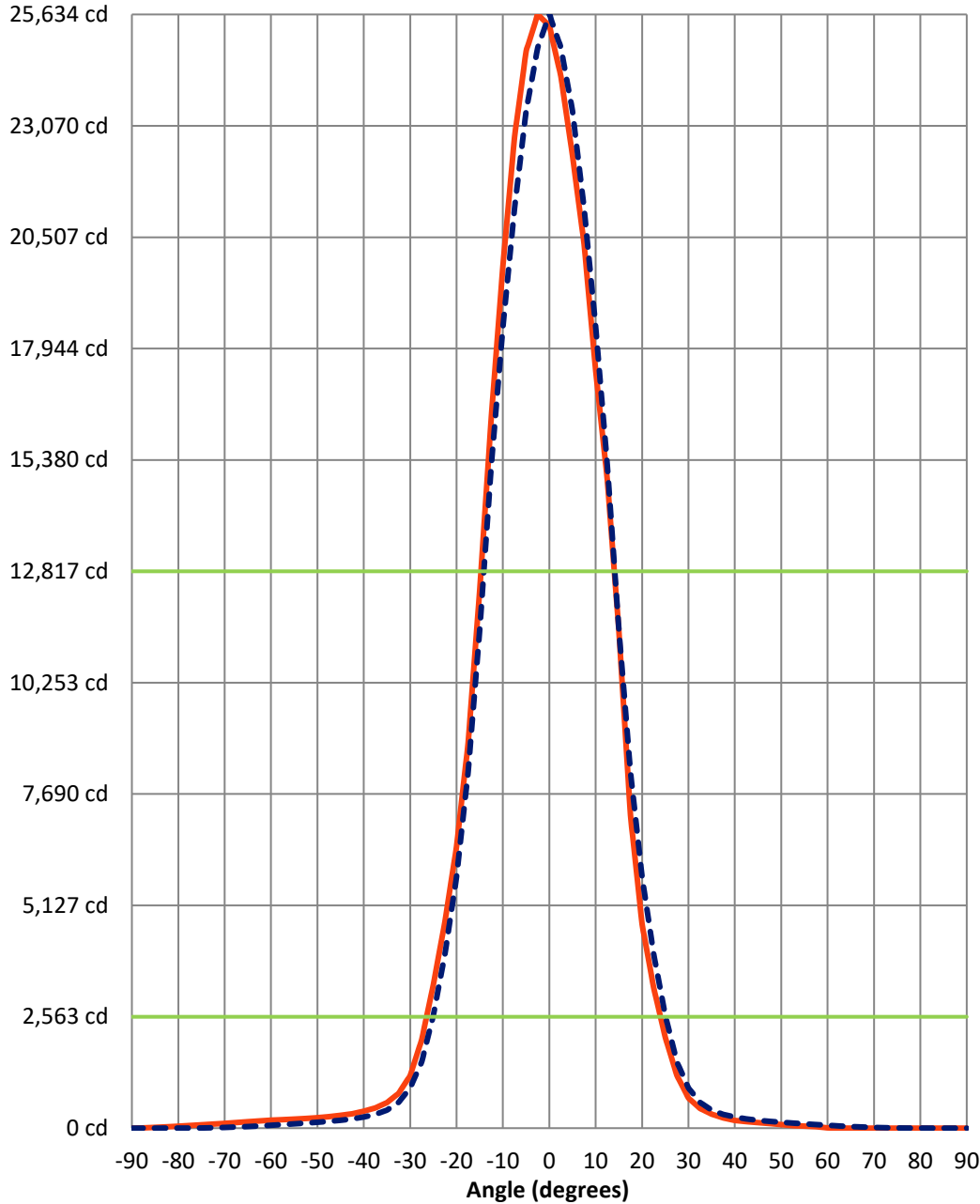
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 3635.2
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 6246.5
 Efficiency: 85.9%

Spill:
 Lumens: 1023.8
 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	1
55°	0	0	0	0	0	0	0	0	1	1	1
52.5°	0	0	0	0	0	0	0	0	1	1	1
50°	0	0	0	0	0	0	0	1	2	1	1
47.5°	0	0	0	0	0	0	1	1	2	1	1
45°	0	0	0	0	0	1	1	1	2	1	2
42.5°	0	0	0	0	0	1	1	2	2	2	3
40°	0	0	0	0	0	1	1	2	2	2	4
37.5°	0	0	0	0	0	1	1	2	2	2	5
35°	0	0	0	0	0	1	2	2	2	4	7
32.5°	0	0	0	0	1	1	2	2	3	5	9
30°	0	0	0	0	1	1	2	2	4	7	11
27.5°	0	0	0	0	1	2	2	2	5	8	13
25°	0	0	0	0	1	2	2	3	6	10	15
22.5°	0	0	0	0	1	2	2	3	7	12	18
20°	0	0	0	0	1	2	2	4	8	13	21
17.5°	0	0	0	0	1	2	2	5	9	15	23
15°	0	0	0	0	1	2	2	5	10	17	26
12.5°	0	0	0	0	1	2	2	6	11	19	28
10°	0	0	0	0	2	2	2	7	12	20	29
7.5°	0	0	0	0	2	2	3	8	12	22	31
5°	0	0	0	0	2	2	3	9	13	23	33
2.5°	0	0	0	0	2	2	3	9	14	25	34
0°	0	0	0	0	2	2	3	10	14	26	35
-2.5°	0	0	0	0	2	2	4	10	16	27	37
-5°	0	0	0	0	2	2	4	10	17	27	37
-7.5°	0	0	0	0	2	2	5	10	18	28	38
-10°	0	0	0	0	2	2	5	10	19	29	38
-12.5°	0	0	0	0	2	2	6	10	20	29	39
-15°	0	0	0	1	1	2	6	10	20	29	40
-17.5°	0	0	0	1	1	3	6	11	20	30	40
-20°	0	0	0	1	1	3	7	11	19	29	40

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REPORT NUMBER: P626794 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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	3	7	12	19	29	40
-25°	0	0	0	1	2	3	7	12	18	29	39
-27.5°	0	0	0	1	2	3	7	12	18	28	38
-30°	0	0	0	1	2	3	7	12	18	27	37
-32.5°	0	0	0	1	2	3	7	12	18	26	35
-35°	0	0	0	1	2	3	7	12	17	25	33
-37.5°	0	0	0	1	2	3	7	11	17	24	33
-40°	0	0	0	0	2	3	6	11	16	23	32
-42.5°	0	0	0	0	2	4	6	11	16	22	31
-45°	0	0	0	0	2	4	6	10	15	21	29
-47.5°	0	0	0	0	2	3	6	10	15	20	28
-50°	0	0	0	0	2	3	6	9	14	19	26
-52.5°	0	0	0	0	2	3	5	8	13	18	24
-55°	0	0	0	0	1	3	5	8	12	16	22
-57.5°	0	0	0	0	1	3	5	7	11	15	20
-60°	0	0	0	0	1	3	4	6	9	13	18
-62.5°	0	0	0	0	1	2	4	6	9	12	16
-65°	0	0	0	0	1	2	4	5	8	11	14
-67.5°	0	0	0	0	1	2	3	5	7	9	12
-70°	0	0	0	0	1	2	3	4	6	8	11
-72.5°	0	0	0	0	1	2	3	4	5	7	9
-75°	0	0	0	0	1	1	2	3	4	5	7
-77.5°	0	0	0	0	1	1	2	3	3	4	5
-80°	0	0	0	0	1	1	2	2	2	3	4
-82.5°	0	0	0	0	0	1	1	1	2	2	2
-85°	0	0	0	0	0	1	1	1	1	1	1
-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: P626794 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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	1
60°	0	0	0	0	0	1	1	1	1	2	3
57.5°	0	0	1	1	1	2	3	3	5	7	9
55°	0	1	1	1	2	4	5	8	11	14	17
52.5°	1	2	1	3	5	7	10	14	18	22	24
50°	1	2	2	5	8	12	17	22	26	29	33
47.5°	2	2	5	8	12	18	24	29	33	38	45
45°	3	5	8	12	18	25	31	35	42	48	55
42.5°	4	7	12	16	25	32	38	44	50	58	66
40°	6	10	15	23	32	39	46	52	59	68	76
37.5°	8	13	20	29	38	46	54	61	70	79	89
35°	10	17	25	35	44	53	62	71	82	92	102
32.5°	13	21	30	40	50	60	70	82	93	104	117
30°	17	25	34	45	56	67	79	92	103	116	130
27.5°	20	29	39	50	61	73	88	101	113	127	142
25°	24	33	43	55	67	80	96	109	122	137	155
22.5°	27	36	48	59	72	88	104	119	133	148	169
20°	30	41	53	64	77	95	112	129	145	164	188
17.5°	33	45	57	70	84	102	120	138	157	180	209
15°	36	48	62	76	91	109	128	148	170	197	230
12.5°	39	52	66	81	97	115	135	156	181	214	255
10°	41	54	70	85	102	121	141	163	190	225	273
7.5°	43	57	74	89	106	126	146	169	197	234	288
5°	45	60	77	92	110	130	150	174	203	242	300
2.5°	47	63	79	95	112	132	153	177	207	249	309
0°	48	65	81	97	115	134	155	179	210	255	315
-2.5°	50	67	83	99	117	136	157	181	213	257	316
-5°	51	68	84	100	118	137	158	182	214	257	317
-7.5°	52	70	85	101	120	138	158	183	215	257	317
-10°	53	70	86	102	121	139	159	182	214	254	311
-12.5°	54	70	86	103	121	139	158	181	211	249	301
-15°	54	71	86	103	121	139	157	178	206	243	288
-17.5°	54	70	86	102	120	138	155	175	201	236	279
-20°	54	70	85	100	118	136	153	173	197	228	267

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CATALOG NUMBER: GFLD-SA1E-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°	54	69	84	99	116	134	151	170	192	218	253
-25°	53	69	83	97	114	130	148	165	186	211	241
-27.5°	52	67	81	96	111	127	144	161	180	203	228
-30°	50	65	79	94	108	124	139	156	174	194	218
-32.5°	47	63	77	91	105	120	134	150	167	185	207
-35°	45	60	74	87	102	116	130	144	160	177	195
-37.5°	44	57	71	84	98	112	124	138	153	169	185
-40°	42	54	68	80	93	107	119	131	145	161	176
-42.5°	40	52	64	77	89	101	114	125	138	153	167
-45°	39	49	61	73	85	96	108	120	132	145	159
-47.5°	37	47	58	68	80	91	102	113	126	138	150
-50°	34	44	54	64	75	86	97	107	118	131	143
-52.5°	32	41	50	59	69	80	91	102	111	122	133
-55°	28	37	46	54	63	73	84	94	105	114	124
-57.5°	26	33	41	50	58	66	76	86	96	106	116
-60°	23	29	36	44	52	60	69	78	88	97	106
-62.5°	20	26	32	39	46	54	62	70	79	86	94
-65°	18	22	27	33	40	47	54	62	70	76	82
-67.5°	15	19	23	28	34	40	45	52	59	65	71
-70°	13	16	19	23	28	33	38	43	49	54	59
-72.5°	11	13	16	19	22	27	31	35	40	44	49
-75°	9	11	13	15	18	21	25	29	32	36	40
-77.5°	7	9	10	12	14	17	19	22	25	28	31
-80°	5	6	8	9	11	12	14	16	18	21	23
-82.5°	3	4	5	7	8	8	9	11	12	14	16
-85°	2	2	3	4	4	5	5	6	7	8	9
-87.5°	1	1	2	2	2	2	2	2	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626794 (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	2	2	2	2	2	2	2	2
60°	4	4	6	7	7	6	8	9	9	7	7
57.5°	11	14	16	17	19	22	24	23	23	25	27
55°	20	22	24	27	30	33	36	37	39	41	44
52.5°	27	31	33	37	41	44	45	49	53	56	58
50°	38	42	47	51	55	59	62	67	72	78	81
47.5°	50	55	61	67	72	76	80	86	93	100	104
45°	62	67	74	80	86	91	97	105	112	119	124
42.5°	72	78	85	93	97	105	114	122	131	139	146
40°	83	90	100	107	114	122	135	147	157	168	174
37.5°	97	108	119	128	137	147	165	183	196	210	220
35°	114	127	141	151	163	183	205	229	253	273	290
32.5°	129	144	158	174	193	222	249	288	323	360	394
30°	144	160	177	197	229	268	313	372	436	500	572
27.5°	159	176	197	229	277	331	414	506	639	745	916
25°	175	195	223	275	341	435	580	745	1019	1252	1515
22.5°	195	225	265	330	440	609	835	1195	1615	2005	2377
20°	219	260	329	432	590	850	1278	1825	2408	2979	3530
17.5°	251	317	415	561	786	1331	1969	2750	3749	4500	5211
15°	280	363	512	748	1172	1874	2765	3960	5306	6437	7717
12.5°	315	415	594	901	1506	2434	3570	4996	6588	8305	10310
10°	345	468	698	1121	1855	2935	4208	5882	7927	10357	12890
7.5°	368	513	786	1286	2149	3346	4865	6900	9490	12330	15219
5°	387	547	854	1415	2399	3680	5344	7706	10658	13918	16791
2.5°	401	571	900	1495	2568	3908	5672	8134	11373	14954	17971
0°	412	586	925	1551	2647	4016	5823	8307	11708	15462	18564
-2.5°	415	594	926	1531	2599	4009	5788	8201	11477	15261	18438
-5°	417	590	903	1491	2515	3865	5556	7798	10771	14320	17541
-7.5°	414	574	855	1391	2324	3611	5233	7201	9638	12767	16095
-10°	403	546	791	1255	2063	3215	4729	6391	8338	10893	13590
-12.5°	382	505	703	1052	1754	2767	4107	5577	7094	8773	10992
-15°	358	463	631	929	1469	2296	3381	4623	5882	7167	8521
-17.5°	340	426	556	765	1128	1796	2664	3662	4684	5704	6616
-20°	317	383	484	647	910	1306	1958	2735	3498	4330	5029

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626794 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	296	352	428	530	707	986	1358	1905	2485	3089	3663
-25°	276	319	379	461	567	733	978	1264	1671	2043	2469
-27.5°	260	295	336	397	477	568	719	886	1099	1276	1561
-30°	244	272	306	345	404	473	554	655	760	864	1000
-32.5°	229	253	279	311	347	399	449	514	571	634	699
-35°	214	236	257	282	310	344	382	425	463	501	535
-37.5°	202	220	239	258	281	304	334	364	390	415	436
-40°	191	206	222	238	256	275	298	321	338	354	367
-42.5°	182	195	207	221	236	253	271	288	300	311	320
-45°	172	184	195	206	219	234	249	263	272	280	287
-47.5°	162	173	183	193	205	217	230	240	248	255	260
-50°	153	163	172	181	191	202	213	221	229	235	238
-52.5°	143	153	162	171	180	188	197	205	212	219	221
-55°	134	144	152	160	169	177	184	191	198	204	206
-57.5°	125	135	144	151	158	165	172	179	185	191	193
-60°	115	125	132	139	146	153	159	165	172	177	179
-62.5°	103	112	119	125	131	137	143	149	154	159	161
-65°	89	96	103	109	115	120	126	131	135	139	141
-67.5°	76	82	88	93	99	104	109	113	118	121	123
-70°	64	69	74	79	85	89	93	97	101	104	106
-72.5°	53	58	62	67	72	75	79	83	86	88	90
-75°	43	47	51	55	59	62	65	68	71	73	74
-77.5°	34	37	40	43	46	49	51	53	55	57	59
-80°	25	28	30	32	34	36	38	40	42	43	44
-82.5°	17	19	21	22	24	25	26	27	28	29	30
-85°	10	11	12	13	14	15	16	16	17	18	18
-87.5°	4	4	5	5	6	6	6	6	6	7	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626794 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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°	2	2	2	2	2	2	2	2	2	2	2
60°	7	6	6	7	6	6	7	7	7	9	9
57.5°	30	32	34	34	34	32	30	27	25	23	23
55°	46	47	48	47	48	47	46	44	41	39	37
52.5°	59	59	59	58	59	59	59	58	56	53	49
50°	82	82	82	82	82	82	82	81	78	72	67
47.5°	106	107	107	107	107	107	106	104	100	93	86
45°	126	128	128	128	128	128	126	124	119	112	105
42.5°	148	149	150	150	150	149	148	146	139	131	122
40°	177	178	178	178	178	178	177	174	168	157	147
37.5°	226	230	231	236	231	230	226	220	210	196	183
35°	303	312	316	323	316	312	303	290	273	253	229
32.5°	419	436	445	454	445	436	419	394	360	323	288
30°	622	656	669	694	669	656	622	572	500	436	372
27.5°	1042	1121	1152	1217	1152	1121	1042	916	745	639	506
25°	1755	1925	2019	2093	2019	1925	1755	1515	1252	1019	745
22.5°	2752	3001	3134	3233	3134	3001	2752	2377	2005	1615	1195
20°	4030	4359	4556	4698	4556	4359	4030	3530	2979	2408	1825
17.5°	6125	6643	6945	7205	6945	6643	6125	5211	4500	3749	2750
15°	9144	10184	10992	11442	10992	10184	9144	7717	6437	5306	3960
12.5°	12082	13604	14509	14925	14509	13604	12082	10310	8305	6588	4996
10°	14986	16422	17282	17435	17282	16422	14986	12890	10357	7927	5882
7.5°	17210	18789	19932	20348	19932	18789	17210	15219	12330	9490	6900
5°	19174	21023	22233	22386	22233	21023	19174	16791	13918	10658	7706
2.5°	20619	22628	23802	24205	23802	22628	20619	17971	14954	11373	8134
0°	21318	23482	24788	25375	24788	23482	21318	18564	15462	11708	8307
-2.5°	21171	23409	24867	25634	24867	23409	21171	18438	15261	11477	8201
-5°	20366	22611	23970	24785	23970	22611	20366	17541	14320	10771	7798
-7.5°	18509	20609	22056	22807	22056	20609	18509	16095	12767	9638	7201
-10°	16118	17894	19213	19854	19213	17894	16118	13590	10893	8338	6391
-12.5°	13009	14733	15923	16376	15923	14733	13009	10992	8773	7094	5577
-15°	9967	11283	12128	12396	12128	11283	9967	8521	7167	5882	4623
-17.5°	7559	8267	8742	8871	8742	8267	7559	6616	5704	4684	3662
-20°	5663	6102	6410	6484	6410	6102	5663	5029	4330	3498	2735

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REPORT NUMBER: P626794 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	4126	4456	4705	4755	4705	4456	4126	3663	3089	2485	1905
-25°	2846	3122	3291	3304	3291	3122	2846	2469	2043	1671	1264
-27.5°	1784	1936	2014	2042	2014	1936	1784	1561	1276	1099	886
-30°	1103	1173	1209	1211	1209	1173	1103	1000	864	760	655
-32.5°	749	782	801	801	801	782	749	699	634	571	514
-35°	561	578	588	589	588	578	561	535	501	463	425
-37.5°	451	461	466	466	466	461	451	436	415	390	364
-40°	377	384	388	391	388	384	377	367	354	338	321
-42.5°	326	330	332	331	332	330	326	320	311	300	288
-45°	290	293	295	295	295	293	290	287	280	272	263
-47.5°	262	263	264	265	264	263	262	260	255	248	240
-50°	240	241	241	241	241	241	240	238	235	229	221
-52.5°	222	222	222	223	222	222	222	221	219	212	205
-55°	207	208	208	208	208	208	207	206	204	198	191
-57.5°	195	196	196	195	196	196	195	193	191	185	179
-60°	181	183	184	184	184	183	181	179	177	172	165
-62.5°	164	165	166	166	166	165	164	161	159	154	149
-65°	143	144	147	148	147	144	143	141	139	135	131
-67.5°	124	125	127	129	127	125	124	123	121	118	113
-70°	108	109	110	110	110	109	108	106	104	101	97
-72.5°	92	93	93	94	93	93	92	90	88	86	83
-75°	76	77	77	78	77	77	76	74	73	71	68
-77.5°	60	61	61	61	61	61	60	59	57	55	53
-80°	45	47	46	45	46	47	45	44	43	42	40
-82.5°	31	32	31	31	31	32	31	30	29	28	27
-85°	19	19	19	18	19	19	19	18	18	17	16
-87.5°	8	8	7	7	7	8	8	7	7	6	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626794 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-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	2	2	2	1	1	0	1	0	0	0
60°	8	6	7	7	6	4	4	3	2	1	1
57.5°	24	22	19	17	16	14	11	9	7	5	3
55°	36	33	30	27	24	22	20	17	14	11	8
52.5°	45	44	41	37	33	31	27	24	22	18	14
50°	62	59	55	51	47	42	38	33	29	26	22
47.5°	80	76	72	67	61	55	50	45	38	33	29
45°	97	91	86	80	74	67	62	55	48	42	35
42.5°	114	105	97	93	85	78	72	66	58	50	44
40°	135	122	114	107	100	90	83	76	68	59	52
37.5°	165	147	137	128	119	108	97	89	79	70	61
35°	205	183	163	151	141	127	114	102	92	82	71
32.5°	249	222	193	174	158	144	129	117	104	93	82
30°	313	268	229	197	177	160	144	130	116	103	92
27.5°	414	331	277	229	197	176	159	142	127	113	101
25°	580	435	341	275	223	195	175	155	137	122	109
22.5°	835	609	440	330	265	225	195	169	148	133	119
20°	1278	850	590	432	329	260	219	188	164	145	129
17.5°	1969	1331	786	561	415	317	251	209	180	157	138
15°	2765	1874	1172	748	512	363	280	230	197	170	148
12.5°	3570	2434	1506	901	594	415	315	255	214	181	156
10°	4208	2935	1855	1121	698	468	345	273	225	190	163
7.5°	4865	3346	2149	1286	786	513	368	288	234	197	169
5°	5344	3680	2399	1415	854	547	387	300	242	203	174
2.5°	5672	3908	2568	1495	900	571	401	309	249	207	177
0°	5823	4016	2647	1551	925	586	412	315	255	210	179
-2.5°	5788	4009	2599	1531	926	594	415	316	257	213	181
-5°	5556	3865	2515	1491	903	590	417	317	257	214	182
-7.5°	5233	3611	2324	1391	855	574	414	317	257	215	183
-10°	4729	3215	2063	1255	791	546	403	311	254	214	182
-12.5°	4107	2767	1754	1052	703	505	382	301	249	211	181
-15°	3381	2296	1469	929	631	463	358	288	243	206	178
-17.5°	2664	1796	1128	765	556	426	340	279	236	201	175
-20°	1958	1306	910	647	484	383	317	267	228	197	173

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REPORT NUMBER: P626794 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	1358	986	707	530	428	352	296	253	218	192	170
-25°	978	733	567	461	379	319	276	241	211	186	165
-27.5°	719	568	477	397	336	295	260	228	203	180	161
-30°	554	473	404	345	306	272	244	218	194	174	156
-32.5°	449	399	347	311	279	253	229	207	185	167	150
-35°	382	344	310	282	257	236	214	195	177	160	144
-37.5°	334	304	281	258	239	220	202	185	169	153	138
-40°	298	275	256	238	222	206	191	176	161	145	131
-42.5°	271	253	236	221	207	195	182	167	153	138	125
-45°	249	234	219	206	195	184	172	159	145	132	120
-47.5°	230	217	205	193	183	173	162	150	138	126	113
-50°	213	202	191	181	172	163	153	143	131	118	107
-52.5°	197	188	180	171	162	153	143	133	122	111	102
-55°	184	177	169	160	152	144	134	124	114	105	94
-57.5°	172	165	158	151	144	135	125	116	106	96	86
-60°	159	153	146	139	132	125	115	106	97	88	78
-62.5°	143	137	131	125	119	112	103	94	86	79	70
-65°	126	120	115	109	103	96	89	82	76	70	62
-67.5°	109	104	99	93	88	82	76	71	65	59	52
-70°	93	89	85	79	74	69	64	59	54	49	43
-72.5°	79	75	72	67	62	58	53	49	44	40	35
-75°	65	62	59	55	51	47	43	40	36	32	29
-77.5°	51	49	46	43	40	37	34	31	28	25	22
-80°	38	36	34	32	30	28	25	23	21	18	16
-82.5°	26	25	24	22	21	19	17	16	14	12	11
-85°	16	15	14	13	12	11	10	9	8	7	6
-87.5°	6	6	6	5	5	4	4	3	3	3	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626794 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	3	2	1	1	1	0	0	1	1	0	0
55°	5	4	2	1	1	1	0	1	1	1	0
52.5°	10	7	5	3	1	2	1	1	1	1	0
50°	17	12	8	5	2	2	1	1	1	2	1
47.5°	24	18	12	8	5	2	2	1	1	2	1
45°	31	25	18	12	8	5	3	2	1	2	1
42.5°	38	32	25	16	12	7	4	3	2	2	2
40°	46	39	32	23	15	10	6	4	2	2	2
37.5°	54	46	38	29	20	13	8	5	2	2	2
35°	62	53	44	35	25	17	10	7	4	2	2
32.5°	70	60	50	40	30	21	13	9	5	3	2
30°	79	67	56	45	34	25	17	11	7	4	2
27.5°	88	73	61	50	39	29	20	13	8	5	2
25°	96	80	67	55	43	33	24	15	10	6	3
22.5°	104	88	72	59	48	36	27	18	12	7	3
20°	112	95	77	64	53	41	30	21	13	8	4
17.5°	120	102	84	70	57	45	33	23	15	9	5
15°	128	109	91	76	62	48	36	26	17	10	5
12.5°	135	115	97	81	66	52	39	28	19	11	6
10°	141	121	102	85	70	54	41	29	20	12	7
7.5°	146	126	106	89	74	57	43	31	22	12	8
5°	150	130	110	92	77	60	45	33	23	13	9
2.5°	153	132	112	95	79	63	47	34	25	14	9
0°	155	134	115	97	81	65	48	35	26	14	10
-2.5°	157	136	117	99	83	67	50	37	27	16	10
-5°	158	137	118	100	84	68	51	37	27	17	10
-7.5°	158	138	120	101	85	70	52	38	28	18	10
-10°	159	139	121	102	86	70	53	38	29	19	10
-12.5°	158	139	121	103	86	70	54	39	29	20	10
-15°	157	139	121	103	86	71	54	40	29	20	10
-17.5°	155	138	120	102	86	70	54	40	30	20	11
-20°	153	136	118	100	85	70	54	40	29	19	11

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REPORT NUMBER: P626794 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	151	134	116	99	84	69	54	40	29	19	12
-25°	148	130	114	97	83	69	53	39	29	18	12
-27.5°	144	127	111	96	81	67	52	38	28	18	12
-30°	139	124	108	94	79	65	50	37	27	18	12
-32.5°	134	120	105	91	77	63	47	35	26	18	12
-35°	130	116	102	87	74	60	45	33	25	17	12
-37.5°	124	112	98	84	71	57	44	33	24	17	11
-40°	119	107	93	80	68	54	42	32	23	16	11
-42.5°	114	101	89	77	64	52	40	31	22	16	11
-45°	108	96	85	73	61	49	39	29	21	15	10
-47.5°	102	91	80	68	58	47	37	28	20	15	10
-50°	97	86	75	64	54	44	34	26	19	14	9
-52.5°	91	80	69	59	50	41	32	24	18	13	8
-55°	84	73	63	54	46	37	28	22	16	12	8
-57.5°	76	66	58	50	41	33	26	20	15	11	7
-60°	69	60	52	44	36	29	23	18	13	9	6
-62.5°	62	54	46	39	32	26	20	16	12	9	6
-65°	54	47	40	33	27	22	18	14	11	8	5
-67.5°	45	40	34	28	23	19	15	12	9	7	5
-70°	38	33	28	23	19	16	13	11	8	6	4
-72.5°	31	27	22	19	16	13	11	9	7	5	4
-75°	25	21	18	15	13	11	9	7	5	4	3
-77.5°	19	17	14	12	10	9	7	5	4	3	3
-80°	14	12	11	9	8	6	5	4	3	2	2
-82.5°	9	8	8	7	5	4	3	2	2	2	1
-85°	5	5	4	4	3	2	2	1	1	1	1
-87.5°	2	2	2	2	2	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: P626794 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	1	0	0	0	0	0	0
45°	1	1	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°	2	1	0	0	0	0	0
32.5°	2	1	1	0	0	0	0
30°	2	1	1	0	0	0	0
27.5°	2	2	1	0	0	0	0
25°	2	2	1	0	0	0	0
22.5°	2	2	1	0	0	0	0
20°	2	2	1	0	0	0	0
17.5°	2	2	1	0	0	0	0
15°	2	2	1	0	0	0	0
12.5°	2	2	1	0	0	0	0
10°	2	2	2	0	0	0	0
7.5°	3	2	2	0	0	0	0
5°	3	2	2	0	0	0	0
2.5°	3	2	2	0	0	0	0
0°	3	2	2	0	0	0	0
-2.5°	4	2	2	0	0	0	0
-5°	4	2	2	0	0	0	0
-7.5°	5	2	2	0	0	0	0
-10°	5	2	2	0	0	0	0
-12.5°	6	2	2	0	0	0	0
-15°	6	2	1	1	0	0	0
-17.5°	6	3	1	1	0	0	0
-20°	7	3	1	1	0	0	0

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REPORT NUMBER: P626794 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	7	3	1	1	0	0	0
-25°	7	3	2	1	0	0	0
-27.5°	7	3	2	1	0	0	0
-30°	7	3	2	1	0	0	0
-32.5°	7	3	2	1	0	0	0
-35°	7	3	2	1	0	0	0
-37.5°	7	3	2	1	0	0	0
-40°	6	3	2	0	0	0	0
-42.5°	6	4	2	0	0	0	0
-45°	6	4	2	0	0	0	0
-47.5°	6	3	2	0	0	0	0
-50°	6	3	2	0	0	0	0
-52.5°	5	3	2	0	0	0	0
-55°	5	3	1	0	0	0	0
-57.5°	5	3	1	0	0	0	0
-60°	4	3	1	0	0	0	0
-62.5°	4	2	1	0	0	0	0
-65°	4	2	1	0	0	0	0
-67.5°	3	2	1	0	0	0	0
-70°	3	2	1	0	0	0	0
-72.5°	3	2	1	0	0	0	0
-75°	2	1	1	0	0	0	0
-77.5°	2	1	1	0	0	0	0
-80°	2	1	1	0	0	0	0
-82.5°	1	1	0	0	0	0	0
-85°	1	1	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)