

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: P626734 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-735-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626734 (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-SA1D-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: 6621.7 lumens  
Efficiency: N/A  
Efficacy: 115.6 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 23346.7 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 3310.9 lumens  
Beam Efficiency: 50.0%

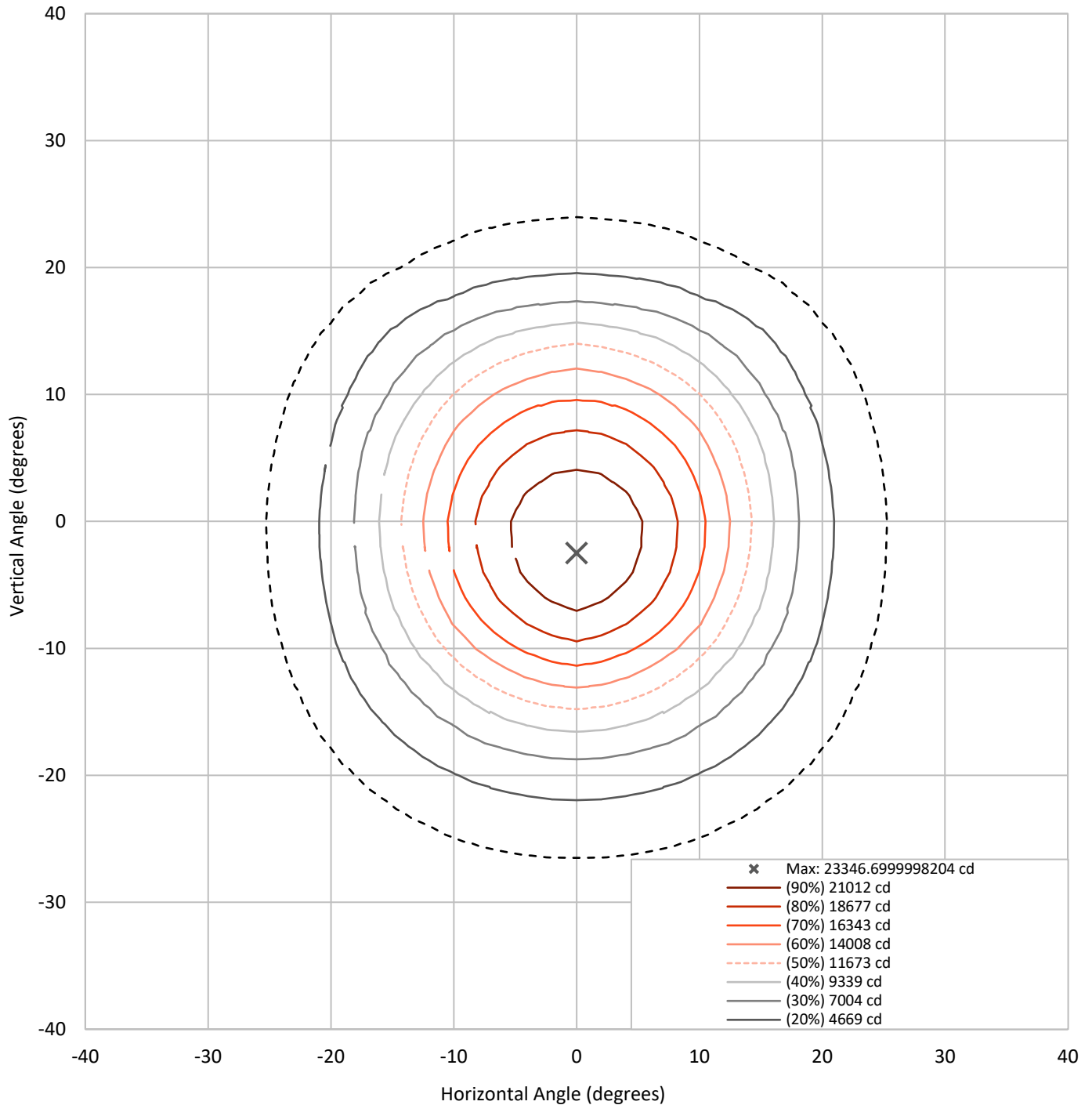
Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 5689.2 lumens  
Field Efficiency: 85.9%

Input Watts (W): 57.3  
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: P626734 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-735-U-MR-VSR-XX

### Iso-Candela Plot





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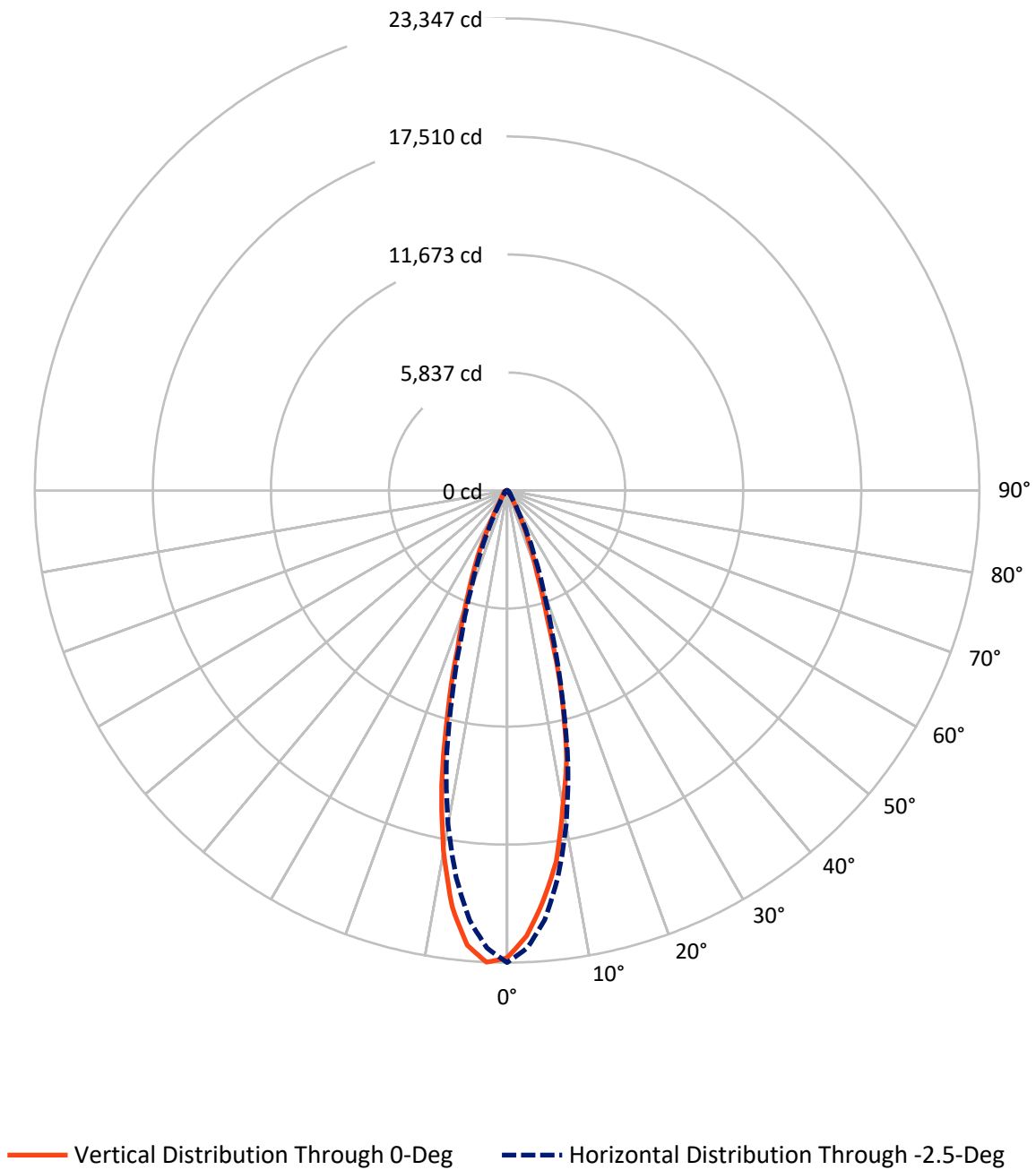
CATALOG NUMBER: GFLD-SA1D-735-U-MR-VSR-XX

### Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.5	0.8	1.0	1.3	1.3	1.0	0.8	0.5	0.2	0.0		0.0			
40	0.0	0.0	0.2	0.7	1.4	2.1	3.0	3.5	3.5	3.0	2.1	1.4	0.7	0.2	0.0				
30		0.1	0.6	1.4	2.6	4.3	7.1	9.5	9.5	7.1	4.3	2.6	1.4	0.6	0.1				
20	0.0	0.2	0.9	2.2	4.1	10.0	31.4	57.6	57.6	31.4	10.0	4.1	2.2	0.9	0.2				
10		0.3	1.2	2.9	7.0	34.5	140.2	274.6	274.6	140.2	34.5	7.0	2.9	1.2	0.3				
0	0.1	0.4	1.5	3.5	10.1	65.7	283.1	555.0	555.0	283.1	65.7	10.1	3.5	1.5	0.4				
-10		0.5	1.6	3.7	10.8	68.9	290.5	588.5	588.5	290.5	68.9	10.8	3.7	1.6	0.5				
-20	0.1	0.5	1.7	3.6	8.9	42.3	160.7	311.4	311.4	160.7	42.3	8.9	3.6	1.7	0.5				
-30		0.5	1.6	3.3	6.5	16.4	49.8	88.8	88.8	49.8	16.4	6.5	3.3	1.6	0.5				
-40	0.1	0.4	1.4	2.9	4.9	8.1	13.2	17.7	17.7	13.2	8.1	4.9	2.9	1.4	0.4				
-50		0.4	1.2	2.4	3.9	5.6	7.4	8.2	8.2	7.4	5.6	3.9	2.4	1.2	0.4				
-60	0.1	0.3	0.9	1.8	3.0	4.2	5.3	5.8	5.8	5.3	4.2	3.0	1.8	0.9	0.3				
-70		0.2	0.5	1.2	2.0	2.9	3.6	4.0	4.0	3.6	2.9	2.0	1.2	0.5	0.2				
-80	0.0	0.4	2.0	4.2	5.3	4.2	2.0	0.4	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

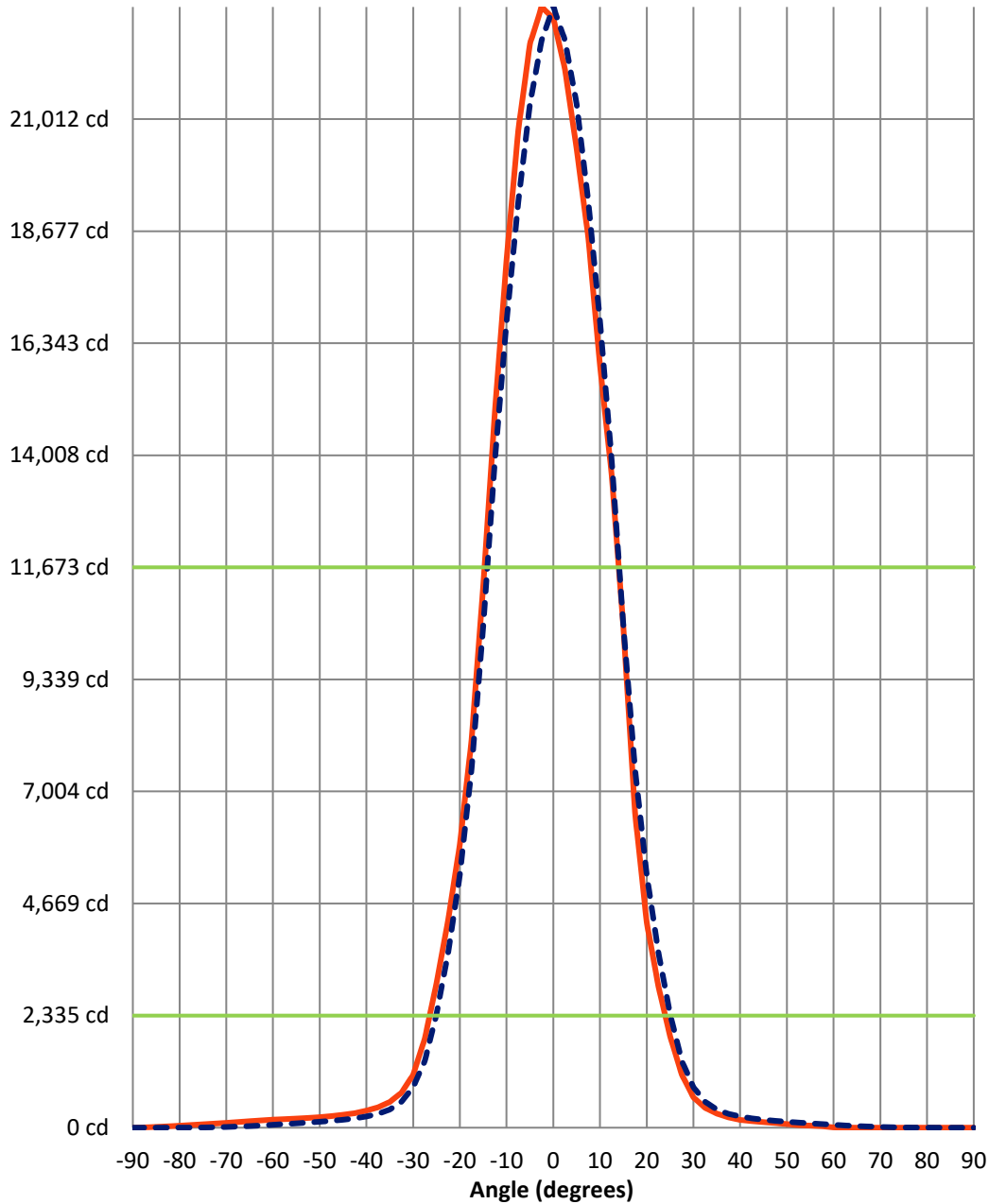
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 3310.9  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 5689.2  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 932.5  
 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	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	1	1	1
47.5°	0	0	0	0	0	0	1	1	1	1	1
45°	0	0	0	0	0	0	1	1	2	1	1
42.5°	0	0	0	0	0	1	1	2	2	1	2
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	1	2	2	4	6
32.5°	0	0	0	0	1	1	2	2	3	5	8
30°	0	0	0	0	1	1	2	2	3	6	10
27.5°	0	0	0	0	1	1	2	2	4	7	12
25°	0	0	0	0	1	1	2	3	5	9	14
22.5°	0	0	0	0	1	2	2	3	6	11	16
20°	0	0	0	0	1	2	2	4	7	12	19
17.5°	0	0	0	0	1	2	2	4	8	14	21
15°	0	0	0	0	1	2	2	5	9	15	23
12.5°	0	0	0	0	1	2	2	6	10	17	25
10°	0	0	0	0	1	2	2	6	11	19	27
7.5°	0	0	0	0	1	2	2	7	11	20	28
5°	0	0	0	0	1	2	3	8	12	21	30
2.5°	0	0	0	0	1	2	3	8	13	22	31
0°	0	0	0	0	2	2	3	9	13	23	32
-2.5°	0	0	0	0	1	2	3	9	15	24	33
-5°	0	0	0	0	1	2	4	9	16	25	34
-7.5°	0	0	0	0	1	2	5	9	17	26	35
-10°	0	0	0	0	1	2	5	9	17	26	35
-12.5°	0	0	0	0	1	2	5	9	18	26	36
-15°	0	0	0	1	1	2	6	9	18	27	36
-17.5°	0	0	0	1	1	2	6	10	18	27	37
-20°	0	0	0	1	1	2	6	10	18	27	37

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REPORT NUMBER: P626734 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	6	11	17	27	36
-25°	0	0	0	1	1	2	6	11	17	26	35
-27.5°	0	0	0	1	1	3	6	11	16	25	35
-30°	0	0	0	1	2	3	6	11	16	24	33
-32.5°	0	0	0	1	2	3	6	11	16	23	32
-35°	0	0	0	1	2	3	6	11	16	23	30
-37.5°	0	0	0	1	2	3	6	10	16	22	30
-40°	0	0	0	0	2	3	6	10	15	21	29
-42.5°	0	0	0	0	2	3	6	10	14	20	28
-45°	0	0	0	0	2	3	6	9	14	19	27
-47.5°	0	0	0	0	2	3	5	9	13	18	25
-50°	0	0	0	0	2	3	5	8	13	17	23
-52.5°	0	0	0	0	2	3	5	8	12	16	21
-55°	0	0	0	0	1	3	5	7	11	15	20
-57.5°	0	0	0	0	1	3	4	7	10	14	18
-60°	0	0	0	0	1	2	4	6	9	12	16
-62.5°	0	0	0	0	1	2	4	5	8	11	15
-65°	0	0	0	0	1	2	3	5	7	10	13
-67.5°	0	0	0	0	1	2	3	4	6	8	11
-70°	0	0	0	0	1	2	3	4	5	7	10
-72.5°	0	0	0	0	1	2	2	3	4	6	8
-75°	0	0	0	0	1	1	2	3	4	5	6
-77.5°	0	0	0	0	1	1	2	2	3	4	5
-80°	0	0	0	0	1	1	2	2	2	3	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	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: P626734 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	1	3
57.5°	0	0	1	1	1	2	2	3	5	7	8
55°	0	1	1	1	2	3	5	7	10	13	15
52.5°	1	2	1	2	4	6	9	13	17	20	22
50°	1	2	2	5	7	11	15	20	23	26	30
47.5°	2	2	5	8	11	16	22	26	30	35	41
45°	3	4	7	11	16	23	28	32	38	44	50
42.5°	4	7	11	15	23	29	34	40	46	53	60
40°	6	9	14	21	29	35	41	48	54	62	69
37.5°	8	12	18	26	34	42	49	56	64	72	81
35°	9	16	23	31	40	48	56	65	74	84	93
32.5°	12	19	27	36	45	55	64	74	84	95	106
30°	15	23	31	41	51	61	72	84	94	105	118
27.5°	18	26	35	46	56	67	80	92	103	115	129
25°	21	30	40	50	61	73	88	100	111	125	141
22.5°	24	33	44	54	65	80	95	108	122	135	154
20°	27	37	48	59	70	87	102	117	132	150	171
17.5°	30	41	52	64	77	93	109	126	143	164	191
15°	33	44	56	69	83	99	116	135	155	179	210
12.5°	35	47	60	73	88	105	123	142	165	195	232
10°	37	50	64	78	93	110	128	148	173	205	249
7.5°	39	52	67	81	97	115	133	154	180	214	262
5°	41	55	70	84	100	118	137	158	185	220	273
2.5°	43	57	72	86	102	120	139	161	189	227	281
0°	44	59	73	88	104	122	141	163	191	232	287
-2.5°	45	61	75	90	106	124	143	165	194	234	288
-5°	47	62	76	91	108	124	144	166	195	234	289
-7.5°	47	63	77	92	109	125	144	166	196	234	288
-10°	48	64	78	93	110	126	144	166	195	231	284
-12.5°	49	64	79	94	110	126	144	165	192	227	274
-15°	49	64	79	93	110	126	143	162	188	221	263
-17.5°	50	64	78	93	109	126	141	160	183	215	254
-20°	50	64	78	91	108	124	140	158	180	207	243

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CATALOG NUMBER: GFLD-SA1D-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°	49	63	77	90	106	122	138	155	175	198	230
-25°	48	62	75	89	103	119	135	150	170	192	219
-27.5°	47	61	74	87	101	116	131	147	164	185	208
-30°	45	59	72	85	99	113	127	142	158	177	199
-32.5°	43	57	70	83	96	109	122	137	153	169	188
-35°	41	55	67	80	93	106	118	131	146	162	178
-37.5°	40	52	65	76	89	102	113	125	139	154	169
-40°	39	49	62	73	84	97	109	120	132	146	160
-42.5°	37	47	58	70	81	92	104	114	126	139	152
-45°	35	45	55	66	77	87	98	109	120	132	145
-47.5°	33	43	53	62	73	83	93	103	115	126	137
-50°	31	40	49	58	68	79	88	98	108	119	130
-52.5°	29	37	45	54	63	73	83	92	101	111	121
-55°	26	34	42	49	58	67	76	86	95	104	113
-57.5°	23	30	38	45	53	60	70	79	88	97	105
-60°	21	26	33	40	48	55	63	71	80	88	96
-62.5°	18	23	29	35	42	49	56	64	72	79	86
-65°	16	20	25	30	36	43	49	56	63	69	75
-67.5°	14	17	21	26	31	36	41	48	54	59	64
-70°	12	14	18	21	25	30	35	39	44	49	54
-72.5°	10	12	14	17	20	24	28	32	36	40	44
-75°	8	10	12	14	16	19	23	26	30	33	36
-77.5°	6	8	9	11	13	15	18	20	23	26	29
-80°	5	6	7	9	10	11	13	15	17	19	21
-82.5°	3	4	5	6	7	8	9	10	11	13	14
-85°	2	2	3	4	4	4	5	5	6	7	8
-87.5°	1	1	1	2	2	2	2	2	2	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626734 (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	5	7	8	8	7	7
57.5°	10	13	15	15	17	21	21	21	21	22	25
55°	18	20	22	24	27	30	32	34	36	38	40
52.5°	25	28	30	33	37	40	41	45	48	51	53
50°	35	38	42	46	50	54	57	61	66	71	74
47.5°	46	50	55	61	66	69	73	78	85	91	95
45°	56	61	68	73	78	83	89	95	102	108	113
42.5°	65	71	78	84	89	96	104	111	119	127	133
40°	76	82	91	98	104	111	123	134	143	153	159
37.5°	89	98	109	117	125	134	150	166	179	191	200
35°	104	115	128	137	149	167	187	209	231	248	264
32.5°	118	131	144	158	176	202	227	262	294	328	359
30°	131	145	161	180	209	244	285	339	397	455	521
27.5°	145	160	180	209	253	301	377	461	582	678	835
25°	159	177	203	250	310	396	528	679	928	1140	1380
22.5°	177	205	242	300	401	555	761	1089	1471	1826	2165
20°	199	237	300	393	538	774	1164	1662	2193	2713	3215
17.5°	229	288	378	511	716	1213	1793	2504	3415	4098	4747
15°	255	331	466	681	1067	1707	2518	3607	4833	5863	7028
12.5°	287	378	541	821	1372	2217	3252	4550	6001	7565	9390
10°	314	426	636	1021	1690	2673	3833	5357	7220	9433	11740
7.5°	336	467	716	1171	1958	3048	4431	6285	8644	11230	13862
5°	352	498	778	1289	2185	3352	4867	7018	9708	12676	15293
2.5°	365	520	819	1361	2339	3559	5166	7409	10358	13620	16368
0°	375	534	842	1413	2411	3657	5304	7566	10663	14083	16908
-2.5°	378	541	843	1395	2367	3651	5272	7470	10453	13899	16793
-5°	380	537	822	1358	2290	3520	5060	7103	9810	13043	15976
-7.5°	377	523	779	1267	2117	3289	4766	6558	8778	11628	14659
-10°	367	498	721	1143	1879	2928	4307	5821	7594	9921	12378
-12.5°	348	460	640	959	1598	2520	3741	5080	6461	7990	10011
-15°	326	422	574	846	1338	2091	3080	4210	5357	6528	7761
-17.5°	310	388	507	697	1027	1636	2427	3335	4266	5196	6026
-20°	288	349	441	589	829	1189	1784	2491	3186	3944	4580

Classified

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

Scaled Data Report



REPORT NUMBER: P626734 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	270	321	390	483	644	898	1237	1735	2263	2814	3336
-25°	252	290	345	420	516	667	891	1151	1522	1861	2249
-27.5°	237	269	306	362	435	517	655	807	1001	1162	1421
-30°	222	248	279	314	368	431	505	597	692	787	911
-32.5°	209	230	254	283	316	363	409	468	520	578	637
-35°	195	215	234	257	283	314	348	387	422	456	487
-37.5°	184	200	217	235	256	277	304	332	355	378	397
-40°	174	188	202	217	233	251	272	292	308	322	335
-42.5°	165	177	188	201	215	231	247	263	273	284	292
-45°	157	167	178	188	199	213	227	239	248	255	261
-47.5°	148	157	167	176	187	198	209	218	226	232	237
-50°	139	148	157	165	174	184	194	202	208	214	217
-52.5°	131	139	148	156	164	172	179	187	193	199	201
-55°	122	131	139	146	154	161	168	174	180	186	188
-57.5°	114	123	131	137	144	150	157	163	169	174	176
-60°	105	114	121	127	133	139	145	151	156	161	163
-62.5°	94	102	108	114	120	125	130	135	141	145	147
-65°	81	88	94	100	105	110	114	119	123	127	129
-67.5°	69	74	80	85	90	95	99	103	107	110	112
-70°	59	63	68	72	77	81	85	89	92	95	96
-72.5°	48	53	57	61	65	69	72	75	78	80	82
-75°	39	43	46	50	54	56	59	62	64	66	68
-77.5°	31	34	37	39	42	44	46	49	50	52	53
-80°	23	25	27	29	31	33	35	36	38	39	40
-82.5°	16	17	19	20	22	23	24	25	25	26	27
-85°	9	10	11	12	13	14	14	15	15	16	17
-87.5°	4	4	4	5	5	5	6	6	6	6	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626734 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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	1	2	1	2	2	2	2	2	2
60°	6	6	6	6	6	6	6	7	7	8	8
57.5°	27	29	31	31	31	29	27	25	22	21	21
55°	42	43	43	43	43	43	42	40	38	36	34
52.5°	54	54	54	53	54	54	54	53	51	48	45
50°	75	75	75	75	75	75	75	74	71	66	61
47.5°	96	97	98	97	98	97	96	95	91	85	78
45°	115	116	117	116	117	116	115	113	108	102	95
42.5°	135	136	136	137	136	136	135	133	127	119	111
40°	161	162	162	162	162	162	161	159	153	143	134
37.5°	206	209	211	215	211	209	206	200	191	179	166
35°	276	284	288	294	288	284	276	264	248	231	209
32.5°	381	397	405	413	405	397	381	359	328	294	262
30°	567	597	610	632	610	597	567	521	455	397	339
27.5°	949	1021	1049	1108	1049	1021	949	835	678	582	461
25°	1599	1754	1839	1907	1839	1754	1599	1380	1140	928	679
22.5°	2506	2733	2855	2944	2855	2733	2506	2165	1826	1471	1089
20°	3671	3971	4149	4279	4149	3971	3671	3215	2713	2193	1662
17.5°	5579	6050	6325	6562	6325	6050	5579	4747	4098	3415	2504
15°	8329	9275	10011	10421	10011	9275	8329	7028	5863	4833	3607
12.5°	11004	12390	13214	13593	13214	12390	11004	9390	7565	6001	4550
10°	13649	14957	15741	15879	15741	14957	13649	11740	9433	7220	5357
7.5°	15675	17112	18154	18532	18154	17112	15675	13862	11230	8644	6285
5°	17463	19147	20249	20389	20249	19147	17463	15293	12676	9708	7018
2.5°	18779	20610	21678	22046	21678	20610	18779	16368	13620	10358	7409
0°	19416	21387	22576	23112	22576	21387	19416	16908	14083	10663	7566
-2.5°	19282	21321	22648	23347	22648	21321	19282	16793	13899	10453	7470
-5°	18549	20594	21831	22573	21831	20594	18549	15976	13043	9810	7103
-7.5°	16858	18770	20088	20773	20088	18770	16858	14659	11628	8778	6558
-10°	14680	16298	17499	18083	17499	16298	14680	12378	9921	7594	5821
-12.5°	11849	13419	14502	14915	14502	13419	11849	10011	7990	6461	5080
-15°	9078	10276	11046	11290	11046	10276	9078	7761	6528	5357	4210
-17.5°	6885	7530	7963	8079	7963	7530	6885	6026	5196	4266	3335
-20°	5158	5558	5838	5905	5838	5558	5158	4580	3944	3186	2491

Classified

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

Scaled Data Report



REPORT NUMBER: P626734 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	3758	4059	4285	4331	4285	4059	3758	3336	2814	2263	1735
-25°	2592	2844	2997	3009	2997	2844	2592	2249	1861	1522	1151
-27.5°	1625	1763	1834	1860	1834	1763	1625	1421	1162	1001	807
-30°	1004	1068	1101	1103	1101	1068	1004	911	787	692	597
-32.5°	682	713	729	729	729	713	682	637	578	520	468
-35°	511	527	536	537	536	527	511	487	456	422	387
-37.5°	411	419	424	425	424	419	411	397	378	355	332
-40°	343	349	353	356	353	349	343	335	322	308	292
-42.5°	297	301	303	301	303	301	297	292	284	273	263
-45°	265	267	268	269	268	267	265	261	255	248	239
-47.5°	239	240	241	241	241	240	239	237	232	226	218
-50°	218	219	220	219	220	219	218	217	214	208	202
-52.5°	202	202	203	203	203	202	202	201	199	193	187
-55°	189	189	189	190	189	189	189	188	186	180	174
-57.5°	177	179	179	178	179	179	177	176	174	169	163
-60°	165	167	167	168	167	167	165	163	161	156	151
-62.5°	149	150	151	151	151	150	149	147	145	141	135
-65°	130	132	133	135	133	132	130	129	127	123	119
-67.5°	113	114	116	118	116	114	113	112	110	107	103
-70°	98	99	100	100	100	99	98	96	95	92	89
-72.5°	84	85	85	85	85	85	84	82	80	78	75
-75°	69	70	71	71	71	70	69	68	66	64	62
-77.5°	55	56	56	56	56	56	55	53	52	50	49
-80°	41	42	42	41	42	42	41	40	39	38	36
-82.5°	28	29	29	28	29	29	28	27	26	25	25
-85°	17	18	17	16	17	18	17	17	16	15	15
-87.5°	7	7	7	6	7	7	7	7	6	6	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626734 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	7	5	7	7	6	4	4	3	1	1	1
57.5°	21	21	17	15	15	13	10	8	7	5	3
55°	32	30	27	24	22	20	18	15	13	10	7
52.5°	41	40	37	33	30	28	25	22	20	17	13
50°	57	54	50	46	42	38	35	30	26	23	20
47.5°	73	69	66	61	55	50	46	41	35	30	26
45°	89	83	78	73	68	61	56	50	44	38	32
42.5°	104	96	89	84	78	71	65	60	53	46	40
40°	123	111	104	98	91	82	76	69	62	54	48
37.5°	150	134	125	117	109	98	89	81	72	64	56
35°	187	167	149	137	128	115	104	93	84	74	65
32.5°	227	202	176	158	144	131	118	106	95	84	74
30°	285	244	209	180	161	145	131	118	105	94	84
27.5°	377	301	253	209	180	160	145	129	115	103	92
25°	528	396	310	250	203	177	159	141	125	111	100
22.5°	761	555	401	300	242	205	177	154	135	122	108
20°	1164	774	538	393	300	237	199	171	150	132	117
17.5°	1793	1213	716	511	378	288	229	191	164	143	126
15°	2518	1707	1067	681	466	331	255	210	179	155	135
12.5°	3252	2217	1372	821	541	378	287	232	195	165	142
10°	3833	2673	1690	1021	636	426	314	249	205	173	148
7.5°	4431	3048	1958	1171	716	467	336	262	214	180	154
5°	4867	3352	2185	1289	778	498	352	273	220	185	158
2.5°	5166	3559	2339	1361	819	520	365	281	227	189	161
0°	5304	3657	2411	1413	842	534	375	287	232	191	163
-2.5°	5272	3651	2367	1395	843	541	378	288	234	194	165
-5°	5060	3520	2290	1358	822	537	380	289	234	195	166
-7.5°	4766	3289	2117	1267	779	523	377	288	234	196	166
-10°	4307	2928	1879	1143	721	498	367	284	231	195	166
-12.5°	3741	2520	1598	959	640	460	348	274	227	192	165
-15°	3080	2091	1338	846	574	422	326	263	221	188	162
-17.5°	2427	1636	1027	697	507	388	310	254	215	183	160
-20°	1784	1189	829	589	441	349	288	243	207	180	158

Classified

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

Scaled Data Report



REPORT NUMBER: P626734 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	1237	898	644	483	390	321	270	230	198	175	155
-25°	891	667	516	420	345	290	252	219	192	170	150
-27.5°	655	517	435	362	306	269	237	208	185	164	147
-30°	505	431	368	314	279	248	222	199	177	158	142
-32.5°	409	363	316	283	254	230	209	188	169	153	137
-35°	348	314	283	257	234	215	195	178	162	146	131
-37.5°	304	277	256	235	217	200	184	169	154	139	125
-40°	272	251	233	217	202	188	174	160	146	132	120
-42.5°	247	231	215	201	188	177	165	152	139	126	114
-45°	227	213	199	188	178	167	157	145	132	120	109
-47.5°	209	198	187	176	167	157	148	137	126	115	103
-50°	194	184	174	165	157	148	139	130	119	108	98
-52.5°	179	172	164	156	148	139	131	121	111	101	92
-55°	168	161	154	146	139	131	122	113	104	95	86
-57.5°	157	150	144	137	131	123	114	105	97	88	79
-60°	145	139	133	127	121	114	105	96	88	80	71
-62.5°	130	125	120	114	108	102	94	86	79	72	64
-65°	114	110	105	100	94	88	81	75	69	63	56
-67.5°	99	95	90	85	80	74	69	64	59	54	48
-70°	85	81	77	72	68	63	59	54	49	44	39
-72.5°	72	69	65	61	57	53	48	44	40	36	32
-75°	59	56	54	50	46	43	39	36	33	30	26
-77.5°	46	44	42	39	37	34	31	29	26	23	20
-80°	35	33	31	29	27	25	23	21	19	17	15
-82.5°	24	23	22	20	19	17	16	14	13	11	10
-85°	14	14	13	12	11	10	9	8	7	6	5
-87.5°	6	5	5	5	4	4	4	3	3	2	2
-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: P626734 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	2	1	1	1	0	0	1	1	0	0
55°	5	3	2	1	1	1	0	1	1	1	0
52.5°	9	6	4	2	1	2	1	1	1	1	0
50°	15	11	7	5	2	2	1	1	1	1	1
47.5°	22	16	11	8	5	2	2	1	1	1	1
45°	28	23	16	11	7	4	3	1	1	2	1
42.5°	34	29	23	15	11	7	4	2	1	2	2
40°	41	35	29	21	14	9	6	4	2	2	2
37.5°	49	42	34	26	18	12	8	5	2	2	2
35°	56	48	40	31	23	16	9	6	4	2	2
32.5°	64	55	45	36	27	19	12	8	5	3	2
30°	72	61	51	41	31	23	15	10	6	3	2
27.5°	80	67	56	46	35	26	18	12	7	4	2
25°	88	73	61	50	40	30	21	14	9	5	3
22.5°	95	80	65	54	44	33	24	16	11	6	3
20°	102	87	70	59	48	37	27	19	12	7	4
17.5°	109	93	77	64	52	41	30	21	14	8	4
15°	116	99	83	69	56	44	33	23	15	9	5
12.5°	123	105	88	73	60	47	35	25	17	10	6
10°	128	110	93	78	64	50	37	27	19	11	6
7.5°	133	115	97	81	67	52	39	28	20	11	7
5°	137	118	100	84	70	55	41	30	21	12	8
2.5°	139	120	102	86	72	57	43	31	22	13	8
0°	141	122	104	88	73	59	44	32	23	13	9
-2.5°	143	124	106	90	75	61	45	33	24	15	9
-5°	144	124	108	91	76	62	47	34	25	16	9
-7.5°	144	125	109	92	77	63	47	35	26	17	9
-10°	144	126	110	93	78	64	48	35	26	17	9
-12.5°	144	126	110	94	79	64	49	36	26	18	9
-15°	143	126	110	93	79	64	49	36	27	18	9
-17.5°	141	126	109	93	78	64	50	37	27	18	10
-20°	140	124	108	91	78	64	50	37	27	18	10

Classified

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

Scaled Data Report



REPORT NUMBER: P626734 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	138	122	106	90	77	63	49	36	27	17	11
-25°	135	119	103	89	75	62	48	35	26	17	11
-27.5°	131	116	101	87	74	61	47	35	25	16	11
-30°	127	113	99	85	72	59	45	33	24	16	11
-32.5°	122	109	96	83	70	57	43	32	23	16	11
-35°	118	106	93	80	67	55	41	30	23	16	11
-37.5°	113	102	89	76	65	52	40	30	22	16	10
-40°	109	97	84	73	62	49	39	29	21	15	10
-42.5°	104	92	81	70	58	47	37	28	20	14	10
-45°	98	87	77	66	55	45	35	27	19	14	9
-47.5°	93	83	73	62	53	43	33	25	18	13	9
-50°	88	79	68	58	49	40	31	23	17	13	8
-52.5°	83	73	63	54	45	37	29	21	16	12	8
-55°	76	67	58	49	42	34	26	20	15	11	7
-57.5°	70	60	53	45	38	30	23	18	14	10	7
-60°	63	55	48	40	33	26	21	16	12	9	6
-62.5°	56	49	42	35	29	23	18	15	11	8	5
-65°	49	43	36	30	25	20	16	13	10	7	5
-67.5°	41	36	31	26	21	17	14	11	8	6	4
-70°	35	30	25	21	18	14	12	10	7	5	4
-72.5°	28	24	20	17	14	12	10	8	6	4	3
-75°	23	19	16	14	12	10	8	6	5	4	3
-77.5°	18	15	13	11	9	8	6	5	4	3	2
-80°	13	11	10	9	7	6	5	3	3	2	2
-82.5°	9	8	7	6	5	4	3	2	2	2	1
-85°	5	4	4	4	3	2	2	1	1	1	1
-87.5°	2	2	2	2	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: P626734 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	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°	2	1	1	0	0	0	0
30°	2	1	1	0	0	0	0
27.5°	2	1	1	0	0	0	0
25°	2	1	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	1	0	0	0	0
7.5°	2	2	1	0	0	0	0
5°	3	2	1	0	0	0	0
2.5°	3	2	1	0	0	0	0
0°	3	2	2	0	0	0	0
-2.5°	3	2	1	0	0	0	0
-5°	4	2	1	0	0	0	0
-7.5°	5	2	1	0	0	0	0
-10°	5	2	1	0	0	0	0
-12.5°	5	2	1	0	0	0	0
-15°	6	2	1	1	0	0	0
-17.5°	6	2	1	1	0	0	0
-20°	6	2	1	1	0	0	0

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CATALOG NUMBER: GFLD-SA1D-735-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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