

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: P626736 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626736 (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-SA1D-735-U-MWR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (16) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6400.9 lumens  
Efficiency: N/A  
Efficacy: 111.7 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 8967.6 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 4287.3 lumens  
Beam Efficiency: 67.0%

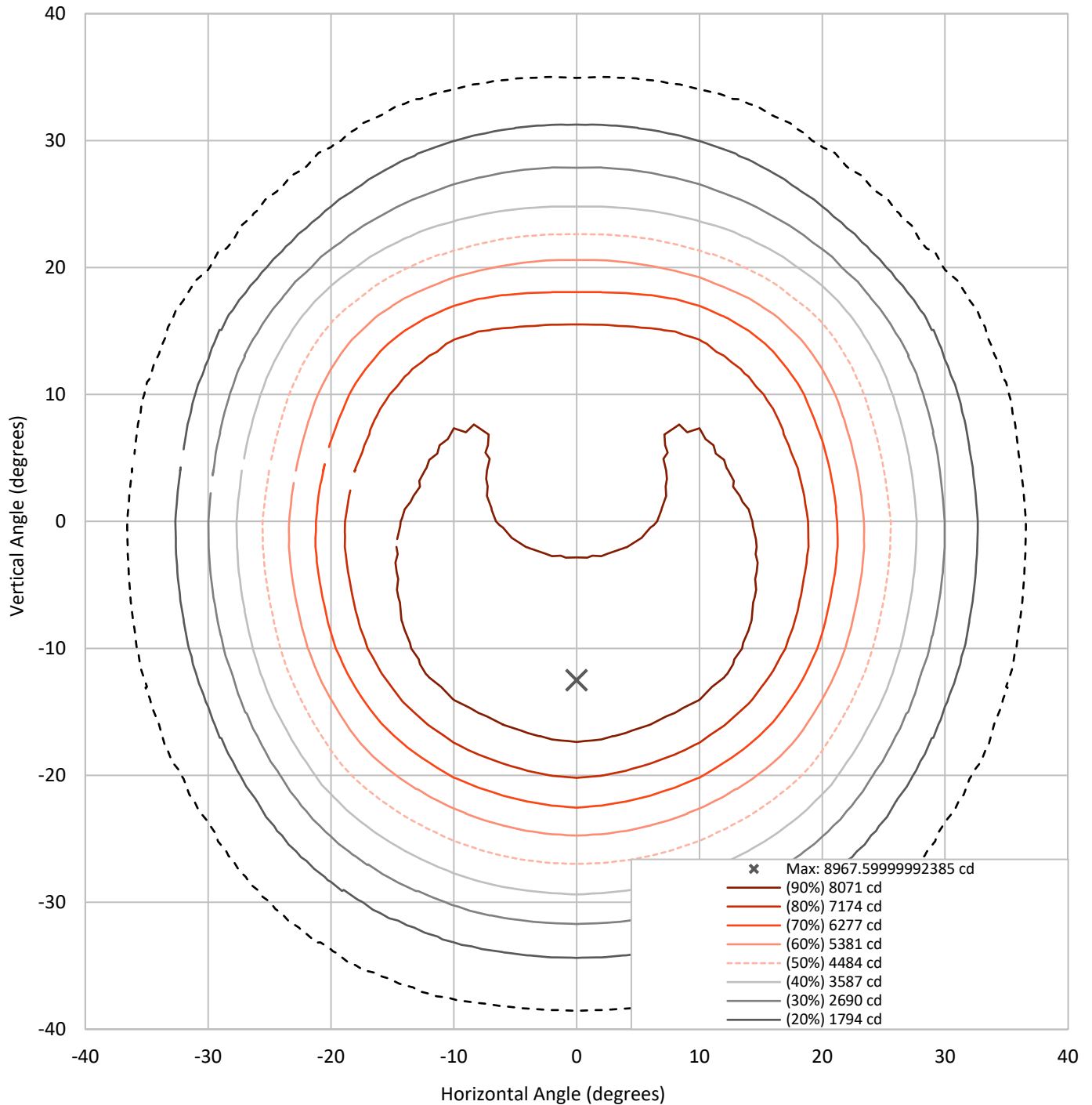
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 5772.5 lumens  
Field Efficiency: 90.2%

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: P626736 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-735-U-MWR-VSR-XX

### Iso-Candela Plot





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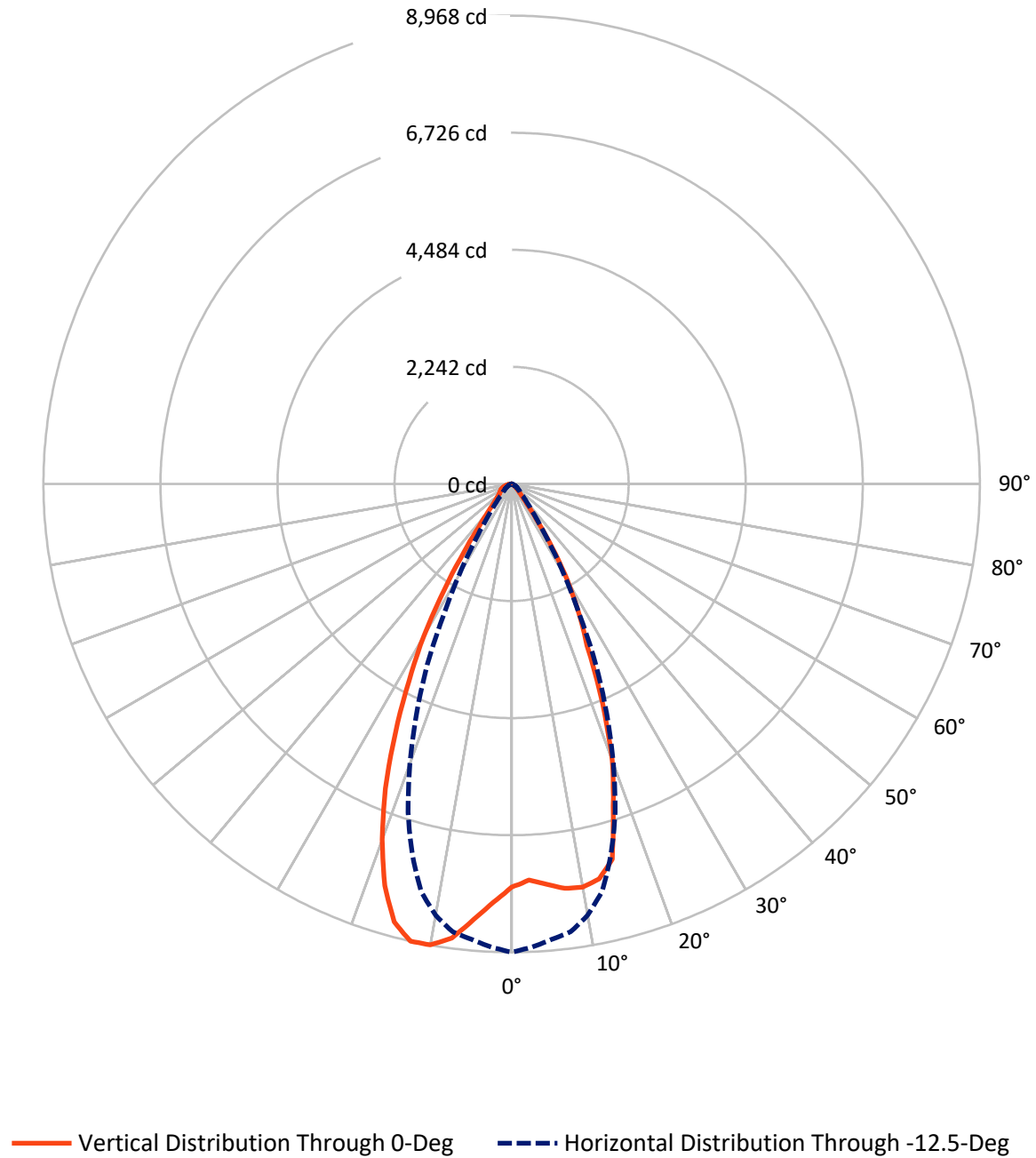
CATALOG NUMBER: GFLD-SA1D-735-U-MWR-VSR-XX

### 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	0.9	1.2	1.4	1.4	1.2	0.9	0.5	0.2	0.0		0.0			
40	0.0	0.0	0.2	0.9	1.8	2.9	4.4	5.4	5.4	4.4	2.9	1.8	0.9	0.2	0.0				
30		0.1	0.7	1.9	3.8	8.3	18.9	28.9	28.9	18.9	8.3	3.8	1.9	0.7	0.1				
20	0.1	0.3	1.2	3.0	8.0	29.8	76.6	107.1	107.1	76.6	29.8	8.0	3.0	1.2	0.3				
10		0.4	1.7	4.6	19.1	82.6	172.4	213.4	213.4	172.4	82.6	19.1	4.6	1.7	0.4				
0	0.1	0.6	2.1	6.0	30.4	121.7	222.3	241.0	241.0	222.3	121.7	30.4	6.0	2.1	0.6				
-10		0.7	2.3	6.4	31.8	125.7	230.3	255.7	255.7	230.3	125.7	31.8	6.4	2.3	0.7				
-20	0.2	0.7	2.3	5.8	22.8	93.6	194.3	248.0	248.0	194.3	93.6	22.8	5.8	2.3	0.7				
-30		0.7	2.2	4.8	12.7	45.4	108.2	152.3	152.3	108.2	45.4	12.7	4.8	2.2	0.7				
-40	0.2	0.6	2.0	4.0	7.6	16.2	33.8	50.2	50.2	33.8	16.2	7.6	4.0	2.0	0.6				
-50		0.5	1.6	3.3	5.6	8.2	11.5	13.7	13.7	11.5	8.2	5.6	3.3	1.6	0.5				
-60	0.1	0.4	1.2	2.6	4.4	6.0	7.5	8.3	8.3	7.5	6.0	4.4	2.6	1.2	0.4				
-70		0.3	0.8	1.8	3.1	4.3	5.5	6.1	6.1	5.5	4.3	3.1	1.8	0.8	0.3				
-80	0.0	0.7	3.2	6.9	8.8	6.9	3.2	0.7	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

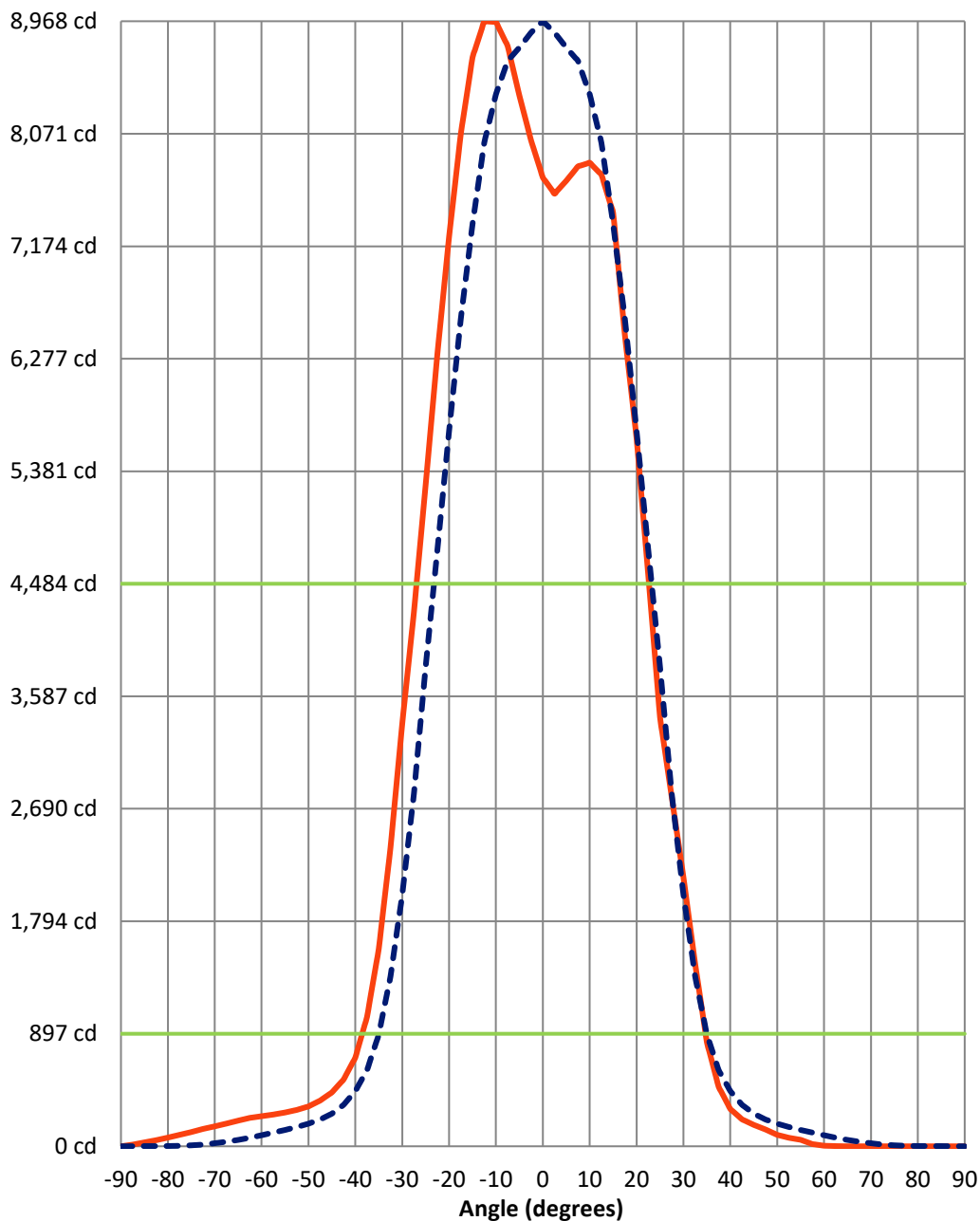
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 4287.3  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 5772.5  
 Efficiency: 90.2%

**Spill:**  
 Lumens: 628.4  
 Efficiency: 9.8%

— 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	1	1	0	0	0	0	0
62.5°	0	0	0	0	1	1	0	0	1	1	1
60°	0	0	0	1	1	1	0	1	1	1	1
57.5°	0	0	0	1	1	1	1	1	1	1	2
55°	0	0	0	1	1	1	1	1	1	2	2
52.5°	0	0	0	1	1	1	1	2	1	2	2
50°	0	0	0	1	1	1	1	2	2	2	2
47.5°	0	0	1	1	1	1	2	2	2	2	2
45°	0	0	1	1	1	1	2	2	2	2	2
42.5°	0	0	1	1	1	1	2	2	2	2	3
40°	0	0	1	2	1	1	2	2	2	3	3
37.5°	0	0	1	2	1	1	2	2	2	3	4
35°	0	0	1	2	1	2	2	2	3	4	5
32.5°	0	0	1	2	1	2	2	2	3	5	9
30°	0	0	1	2	1	2	3	2	4	6	12
27.5°	0	0	1	2	2	2	3	3	5	8	15
25°	0	0	1	2	2	2	3	3	6	10	17
22.5°	0	0	1	2	2	2	3	4	7	12	20
20°	0	0	1	2	2	2	3	4	8	14	23
17.5°	0	0	1	2	2	3	3	5	10	16	26
15°	0	0	1	2	2	3	3	5	11	17	30
12.5°	0	0	1	2	2	3	3	7	12	19	33
10°	0	0	1	2	2	3	4	8	13	21	36
7.5°	0	0	1	2	2	3	4	9	14	24	38
5°	0	0	1	2	2	3	4	10	15	26	40
2.5°	0	0	1	2	2	3	4	11	16	29	41
0°	0	0	2	2	2	3	4	12	16	31	43
-2.5°	0	0	1	2	2	3	5	12	18	32	45
-5°	0	0	1	2	2	3	6	13	20	33	47
-7.5°	0	0	1	2	2	3	7	13	22	34	49
-10°	0	0	1	2	2	3	7	13	23	35	50
-12.5°	0	0	1	2	2	4	8	13	24	36	51
-15°	0	0	1	2	2	4	8	13	25	36	51
-17.5°	0	0	1	2	2	4	8	14	25	37	51
-20°	0	0	1	2	2	4	8	14	24	36	51

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REPORT NUMBER: P626736 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-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	2	2	4	8	15	24	36	49
-25°	0	0	1	2	2	4	8	15	23	35	47
-27.5°	0	0	1	2	2	4	8	15	23	34	46
-30°	0	0	1	2	2	4	8	15	22	33	45
-32.5°	0	0	1	2	2	5	8	14	22	32	43
-35°	0	0	1	2	2	5	8	14	22	31	41
-37.5°	0	0	1	2	2	5	8	14	21	30	40
-40°	0	0	1	2	2	5	8	13	19	29	40
-42.5°	0	0	1	2	3	5	8	12	18	27	38
-45°	0	0	1	2	3	5	8	12	18	26	37
-47.5°	0	0	1	2	3	5	8	12	17	24	34
-50°	0	0	1	2	3	5	7	11	16	23	32
-52.5°	0	0	1	2	3	4	7	10	15	22	29
-55°	0	0	1	2	3	4	7	10	15	20	27
-57.5°	0	0	1	2	3	4	7	9	14	19	25
-60°	0	0	1	2	3	4	6	9	13	18	23
-62.5°	0	0	1	2	3	4	6	8	12	16	21
-65°	0	0	1	2	2	4	5	8	11	15	19
-67.5°	0	0	1	2	2	3	5	7	10	13	17
-70°	0	0	1	2	2	3	4	6	8	11	15
-72.5°	0	0	1	2	2	3	4	5	7	9	12
-75°	0	0	1	1	2	3	4	5	6	8	10
-77.5°	0	0	1	1	2	3	3	4	5	6	8
-80°	0	0	1	1	2	2	3	4	4	5	6
-82.5°	0	0	0	1	1	2	2	3	4	4	5
-85°	0	0	0	0	1	1	1	2	2	3	4
-87.5°	0	0	0	0	0	1	1	1	1	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626736 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-MWR-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	1	0	0	0	0	0	0	0	0
65°	1	1	1	0	0	0	1	0	0	0	0
62.5°	1	1	1	1	1	1	1	1	0	0	1
60°	2	1	1	1	2	1	1	1	1	1	4
57.5°	2	1	1	2	2	2	2	2	5	9	10
55°	2	1	2	2	2	3	4	8	12	15	16
52.5°	2	2	2	3	3	6	10	15	19	22	26
50°	2	2	3	4	6	11	17	22	28	32	38
47.5°	2	3	4	6	12	18	25	32	38	44	53
45°	3	5	6	11	18	26	35	42	49	56	63
42.5°	4	7	11	16	26	36	45	51	58	66	76
40°	6	10	15	24	34	46	54	61	68	80	91
37.5°	9	14	21	31	44	55	63	71	82	95	109
35°	12	18	27	39	53	64	73	83	97	113	129
32.5°	16	22	34	48	61	72	82	97	112	130	152
30°	19	27	41	55	68	79	94	110	126	147	173
27.5°	22	33	47	62	74	87	105	122	139	163	195
25°	26	39	54	68	81	96	117	134	152	182	225
22.5°	31	45	60	73	87	106	128	150	173	204	256
20°	36	50	65	80	93	116	141	167	199	241	310
17.5°	40	55	71	86	102	126	154	185	225	277	378
15°	44	59	76	93	112	137	167	206	254	319	444
12.5°	48	63	81	99	120	146	179	221	277	371	529
10°	51	67	86	105	127	155	189	233	297	408	592
7.5°	54	70	90	111	133	162	198	244	314	438	642
5°	56	75	94	116	138	168	205	252	328	460	680
2.5°	59	79	97	119	141	173	211	259	342	477	712
0°	60	82	100	122	144	176	215	265	353	490	737
-2.5°	62	84	103	124	148	179	217	269	356	491	732
-5°	64	85	106	126	151	180	217	270	356	487	717
-7.5°	65	86	108	127	153	181	217	269	352	479	692
-10°	67	87	109	129	154	181	216	266	344	464	655
-12.5°	68	88	109	130	154	180	213	260	331	440	608
-15°	69	89	109	130	153	178	209	252	313	408	549
-17.5°	69	89	109	129	152	175	203	242	297	380	507
-20°	69	88	108	126	150	172	199	234	283	354	456

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CATALOG NUMBER: GFLD-SA1D-735-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°	69	88	107	125	147	169	194	225	266	324	406
-25°	67	87	106	124	144	165	187	215	251	302	370
-27.5°	65	85	104	122	140	161	182	207	238	278	332
-30°	62	82	101	119	137	157	177	197	225	259	304
-32.5°	58	80	98	115	134	152	171	190	214	243	277
-35°	56	76	94	111	129	147	165	183	203	228	258
-37.5°	55	73	91	107	124	142	159	176	194	214	241
-40°	53	69	87	103	118	136	152	169	185	205	226
-42.5°	51	66	83	99	114	129	145	161	178	196	215
-45°	49	63	79	94	109	124	139	154	170	187	205
-47.5°	46	60	75	88	103	117	132	147	161	177	195
-50°	43	55	69	82	95	110	124	139	153	167	182
-52.5°	39	51	64	77	88	101	116	131	145	158	172
-55°	36	46	58	71	82	93	106	121	135	149	162
-57.5°	33	42	52	64	76	87	99	112	126	138	152
-60°	30	37	47	57	69	80	92	104	116	129	140
-62.5°	27	34	41	50	61	72	83	94	106	117	127
-65°	24	30	36	44	52	62	73	83	94	104	113
-67.5°	22	26	31	37	44	53	61	71	81	90	99
-70°	19	23	27	32	37	44	52	60	68	76	84
-72.5°	15	19	23	27	32	37	43	50	57	64	71
-75°	13	15	19	22	26	31	36	41	47	52	58
-77.5°	10	12	15	18	21	24	28	33	37	42	46
-80°	8	9	11	14	16	19	21	24	28	31	35
-82.5°	6	7	9	10	12	13	15	17	20	22	25
-85°	4	5	6	7	8	9	10	11	13	14	16
-87.5°	2	3	3	3	4	4	5	5	6	7	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626736 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-735-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	1	1	0	0	1	1	1	1	1
60°	4	3	4	5	5	3	5	6	5	4	5
57.5°	10	11	13	15	16	17	19	20	21	22	23
55°	19	23	27	28	32	36	41	41	42	43	45
52.5°	30	35	37	40	46	50	52	56	59	63	66
50°	44	48	52	58	64	68	69	75	82	88	92
47.5°	58	63	71	81	86	90	96	104	112	121	128
45°	70	79	90	98	105	113	121	131	144	156	165
42.5°	85	95	105	116	123	136	150	162	180	196	206
40°	102	112	127	139	155	171	196	219	242	269	288
37.5°	122	138	159	179	202	226	270	315	353	405	434
35°	147	171	201	231	268	324	389	477	568	644	717
32.5°	175	206	247	301	363	454	551	713	870	1027	1182
30°	203	248	310	384	486	630	814	1063	1334	1571	1785
27.5°	240	303	384	496	668	880	1219	1565	1910	2217	2438
25°	285	370	485	668	918	1269	1723	2148	2552	2853	3107
22.5°	350	477	640	874	1326	1815	2358	2892	3346	3726	3976
20°	430	602	874	1298	1831	2441	3141	3703	4262	4689	5071
17.5°	544	817	1202	1740	2376	3191	3911	4538	5248	5684	6074
15°	646	997	1545	2233	2978	3841	4690	5458	6143	6623	7059
12.5°	775	1188	1819	2627	3442	4403	5286	6108	6779	7273	7578
10°	891	1384	2092	2937	3850	4854	5769	6625	7275	7656	7880
7.5°	985	1547	2313	3203	4166	5177	6143	6993	7615	7934	8087
5°	1057	1668	2486	3421	4421	5455	6441	7273	7797	8061	8146
2.5°	1112	1752	2603	3564	4593	5661	6668	7487	7934	8124	8153
0°	1148	1811	2679	3654	4740	5734	6790	7622	8047	8200	8215
-2.5°	1140	1790	2676	3621	4723	5767	6810	7631	8086	8291	8325
-5°	1116	1740	2587	3529	4589	5635	6629	7496	8054	8364	8502
-7.5°	1072	1653	2435	3352	4371	5418	6432	7331	7973	8410	8679
-10°	995	1525	2241	3127	4133	5130	6132	7066	7757	8283	8657
-12.5°	891	1353	2004	2810	3821	4752	5700	6595	7350	7998	8385
-15°	784	1173	1758	2496	3375	4292	5169	6047	6792	7398	7881
-17.5°	708	1016	1474	2119	2891	3761	4616	5423	6095	6665	7171
-20°	611	840	1202	1745	2425	3185	4004	4722	5323	5857	6341

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626736 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-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°	534	719	981	1351	1962	2633	3303	3964	4528	5004	5417
-25°	464	594	799	1100	1497	2076	2641	3199	3720	4162	4534
-27.5°	409	512	649	863	1165	1503	1997	2464	2912	3316	3667
-30°	359	437	543	677	882	1133	1431	1780	2137	2456	2775
-32.5°	323	378	452	551	666	846	1025	1260	1486	1719	1948
-35°	291	335	385	452	530	635	754	897	1018	1171	1311
-37.5°	269	300	338	380	436	495	575	662	737	822	894
-40°	250	275	301	329	368	407	459	508	556	607	646
-42.5°	235	255	273	295	318	350	385	415	444	474	500
-45°	223	238	253	270	287	310	335	357	376	393	407
-47.5°	210	223	236	249	264	281	297	312	327	341	350
-50°	197	210	222	234	247	260	272	284	295	305	311
-52.5°	185	198	210	220	231	242	253	263	273	282	286
-55°	175	188	200	209	218	227	237	247	256	264	267
-57.5°	165	178	189	198	206	214	223	232	241	249	251
-60°	153	166	176	185	193	202	210	218	227	233	236
-62.5°	139	151	160	168	176	183	192	201	209	216	220
-65°	122	132	141	149	157	164	172	180	188	194	198
-67.5°	107	115	123	130	137	144	152	160	167	172	176
-70°	92	100	107	114	120	126	133	139	145	150	153
-72.5°	78	85	91	97	102	108	114	119	124	128	132
-75°	64	70	75	80	85	90	94	98	102	106	109
-77.5°	51	55	60	64	68	72	75	78	81	84	87
-80°	39	42	45	49	52	55	57	60	62	64	66
-82.5°	28	30	32	34	37	38	40	42	44	45	47
-85°	18	19	20	21	22	24	25	26	27	28	29
-87.5°	8	9	10	10	11	11	12	12	13	13	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626736 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-735-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	2	1	1	1	1	1	1	1
60°	5	4	4	4	4	4	5	5	4	5	6
57.5°	22	21	19	18	19	21	22	23	22	21	20
55°	48	51	52	52	52	51	48	45	43	42	41
52.5°	68	70	69	68	69	70	68	66	63	59	56
50°	93	93	93	91	93	93	93	92	88	82	75
47.5°	131	133	134	134	134	133	131	128	121	112	104
45°	168	170	171	171	171	170	168	165	156	144	131
42.5°	211	215	216	215	216	215	211	206	196	180	162
40°	300	303	302	297	302	303	300	288	269	242	219
37.5°	454	469	475	475	475	469	454	434	405	353	315
35°	783	835	859	829	859	835	783	717	644	568	477
32.5°	1307	1400	1453	1453	1453	1400	1307	1182	1027	870	713
30°	1947	2063	2128	2142	2128	2063	1947	1785	1571	1334	1063
27.5°	2610	2730	2792	2783	2792	2730	2610	2438	2217	1910	1565
25°	3275	3366	3419	3420	3419	3366	3275	3107	2853	2552	2148
22.5°	4258	4449	4528	4549	4528	4449	4258	3976	3726	3346	2892
20°	5329	5515	5635	5642	5635	5515	5329	5071	4689	4262	3703
17.5°	6350	6442	6459	6467	6459	6442	6350	6074	5684	5248	4538
15°	7312	7344	7429	7440	7429	7344	7312	7059	6623	6143	5458
12.5°	7769	7798	7784	7744	7784	7798	7769	7578	7273	6779	6108
10°	8018	7976	7914	7840	7914	7976	8018	7880	7656	7275	6625
7.5°	8074	8028	7919	7811	7919	8028	8074	8087	7934	7615	6993
5°	8101	7965	7827	7696	7827	7965	8101	8146	8061	7797	7273
2.5°	8085	7924	7734	7593	7734	7924	8085	8153	8124	7934	7487
0°	8137	7974	7775	7722	7775	7974	8137	8215	8200	8047	7622
-2.5°	8280	8148	8045	8016	8045	8148	8280	8325	8291	8086	7631
-5°	8539	8510	8334	8375	8334	8510	8539	8502	8364	8054	7496
-7.5°	8789	8747	8673	8769	8673	8747	8789	8679	8410	7973	7331
-10°	8855	8841	8876	8962	8876	8841	8855	8657	8283	7757	7066
-12.5°	8651	8758	8878	8968	8878	8758	8651	8385	7998	7350	6595
-15°	8198	8416	8595	8679	8595	8416	8198	7881	7398	6792	6047
-17.5°	7530	7797	8009	8069	8009	7797	7530	7171	6665	6095	5423
-20°	6707	6979	7172	7249	7172	6979	6707	6341	5857	5323	4722

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REPORT NUMBER: P626736 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-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°	5781	6047	6222	6314	6222	6047	5781	5417	5004	4528	3964
-25°	4842	5075	5230	5271	5230	5075	4842	4534	4162	3720	3199
-27.5°	3944	4131	4246	4258	4246	4131	3944	3667	3316	2912	2464
-30°	3040	3214	3313	3366	3313	3214	3040	2775	2456	2137	1780
-32.5°	2135	2273	2357	2379	2357	2273	2135	1948	1719	1486	1260
-35°	1423	1509	1562	1573	1562	1509	1423	1311	1171	1018	897
-37.5°	952	994	1020	1032	1020	994	952	894	822	737	662
-40°	674	694	705	707	705	694	674	646	607	556	508
-42.5°	516	526	531	532	531	526	516	500	474	444	415
-45°	417	424	428	429	428	424	417	407	393	376	357
-47.5°	356	361	364	365	364	361	356	350	341	327	312
-50°	315	317	318	318	318	317	315	311	305	295	284
-52.5°	288	290	290	290	290	290	288	286	282	273	263
-55°	268	270	270	269	270	270	268	267	264	256	247
-57.5°	253	255	254	253	254	255	253	251	249	241	232
-60°	238	240	240	240	240	240	238	236	233	227	218
-62.5°	224	227	227	226	227	227	224	220	216	209	201
-65°	202	206	206	204	206	206	202	198	194	188	180
-67.5°	179	181	181	181	181	181	179	176	172	167	160
-70°	157	159	159	159	159	159	157	153	150	145	139
-72.5°	135	137	138	138	138	137	135	132	128	124	119
-75°	111	114	114	113	114	114	111	109	106	102	98
-77.5°	90	92	92	91	92	92	90	87	84	81	78
-80°	68	70	70	69	70	70	68	66	64	62	60
-82.5°	48	50	49	49	49	50	48	47	45	44	42
-85°	30	31	31	31	31	31	30	29	28	27	26
-87.5°	14	15	14	13	14	15	14	14	13	13	12
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626736 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-735-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°	1	0	0	1	1	0	0	1	0	0	1
60°	5	3	5	5	4	3	4	4	1	1	1
57.5°	19	17	16	15	13	11	10	10	9	5	2
55°	41	36	32	28	27	23	19	16	15	12	8
52.5°	52	50	46	40	37	35	30	26	22	19	15
50°	69	68	64	58	52	48	44	38	32	28	22
47.5°	96	90	86	81	71	63	58	53	44	38	32
45°	121	113	105	98	90	79	70	63	56	49	42
42.5°	150	136	123	116	105	95	85	76	66	58	51
40°	196	171	155	139	127	112	102	91	80	68	61
37.5°	270	226	202	179	159	138	122	109	95	82	71
35°	389	324	268	231	201	171	147	129	113	97	83
32.5°	551	454	363	301	247	206	175	152	130	112	97
30°	814	630	486	384	310	248	203	173	147	126	110
27.5°	1219	880	668	496	384	303	240	195	163	139	122
25°	1723	1269	918	668	485	370	285	225	182	152	134
22.5°	2358	1815	1326	874	640	477	350	256	204	173	150
20°	3141	2441	1831	1298	874	602	430	310	241	199	167
17.5°	3911	3191	2376	1740	1202	817	544	378	277	225	185
15°	4690	3841	2978	2233	1545	997	646	444	319	254	206
12.5°	5286	4403	3442	2627	1819	1188	775	529	371	277	221
10°	5769	4854	3850	2937	2092	1384	891	592	408	297	233
7.5°	6143	5177	4166	3203	2313	1547	985	642	438	314	244
5°	6441	5455	4421	3421	2486	1668	1057	680	460	328	252
2.5°	6668	5661	4593	3564	2603	1752	1112	712	477	342	259
0°	6790	5734	4740	3654	2679	1811	1148	737	490	353	265
-2.5°	6810	5767	4723	3621	2676	1790	1140	732	491	356	269
-5°	6629	5635	4589	3529	2587	1740	1116	717	487	356	270
-7.5°	6432	5418	4371	3352	2435	1653	1072	692	479	352	269
-10°	6132	5130	4133	3127	2241	1525	995	655	464	344	266
-12.5°	5700	4752	3821	2810	2004	1353	891	608	440	331	260
-15°	5169	4292	3375	2496	1758	1173	784	549	408	313	252
-17.5°	4616	3761	2891	2119	1474	1016	708	507	380	297	242
-20°	4004	3185	2425	1745	1202	840	611	456	354	283	234

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REPORT NUMBER: P626736 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-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°	3303	2633	1962	1351	981	719	534	406	324	266	225
-25°	2641	2076	1497	1100	799	594	464	370	302	251	215
-27.5°	1997	1503	1165	863	649	512	409	332	278	238	207
-30°	1431	1133	882	677	543	437	359	304	259	225	197
-32.5°	1025	846	666	551	452	378	323	277	243	214	190
-35°	754	635	530	452	385	335	291	258	228	203	183
-37.5°	575	495	436	380	338	300	269	241	214	194	176
-40°	459	407	368	329	301	275	250	226	205	185	169
-42.5°	385	350	318	295	273	255	235	215	196	178	161
-45°	335	310	287	270	253	238	223	205	187	170	154
-47.5°	297	281	264	249	236	223	210	195	177	161	147
-50°	272	260	247	234	222	210	197	182	167	153	139
-52.5°	253	242	231	220	210	198	185	172	158	145	131
-55°	237	227	218	209	200	188	175	162	149	135	121
-57.5°	223	214	206	198	189	178	165	152	138	126	112
-60°	210	202	193	185	176	166	153	140	129	116	104
-62.5°	192	183	176	168	160	151	139	127	117	106	94
-65°	172	164	157	149	141	132	122	113	104	94	83
-67.5°	152	144	137	130	123	115	107	99	90	81	71
-70°	133	126	120	114	107	100	92	84	76	68	60
-72.5°	114	108	102	97	91	85	78	71	64	57	50
-75°	94	90	85	80	75	70	64	58	52	47	41
-77.5°	75	72	68	64	60	55	51	46	42	37	33
-80°	57	55	52	49	45	42	39	35	31	28	24
-82.5°	40	38	37	34	32	30	28	25	22	20	17
-85°	25	24	22	21	20	19	18	16	14	13	11
-87.5°	12	11	11	10	10	9	8	8	7	6	5
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA1D-735-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	1	0	0	0	0	0	0
65°	1	0	0	0	1	1	1	0	0	0	0
62.5°	1	1	1	1	1	1	1	1	1	1	0
60°	1	1	2	1	1	1	2	1	1	1	1
57.5°	2	2	2	2	1	1	2	2	1	1	1
55°	4	3	2	2	2	1	2	2	2	1	1
52.5°	10	6	3	3	2	2	2	2	2	1	2
50°	17	11	6	4	3	2	2	2	2	2	2
47.5°	25	18	12	6	4	3	2	2	2	2	2
45°	35	26	18	11	6	5	3	2	2	2	2
42.5°	45	36	26	16	11	7	4	3	2	2	2
40°	54	46	34	24	15	10	6	3	3	2	2
37.5°	63	55	44	31	21	14	9	4	3	2	2
35°	73	64	53	39	27	18	12	5	4	3	2
32.5°	82	72	61	48	34	22	16	9	5	3	2
30°	94	79	68	55	41	27	19	12	6	4	2
27.5°	105	87	74	62	47	33	22	15	8	5	3
25°	117	96	81	68	54	39	26	17	10	6	3
22.5°	128	106	87	73	60	45	31	20	12	7	4
20°	141	116	93	80	65	50	36	23	14	8	4
17.5°	154	126	102	86	71	55	40	26	16	10	5
15°	167	137	112	93	76	59	44	30	17	11	5
12.5°	179	146	120	99	81	63	48	33	19	12	7
10°	189	155	127	105	86	67	51	36	21	13	8
7.5°	198	162	133	111	90	70	54	38	24	14	9
5°	205	168	138	116	94	75	56	40	26	15	10
2.5°	211	173	141	119	97	79	59	41	29	16	11
0°	215	176	144	122	100	82	60	43	31	16	12
-2.5°	217	179	148	124	103	84	62	45	32	18	12
-5°	217	180	151	126	106	85	64	47	33	20	13
-7.5°	217	181	153	127	108	86	65	49	34	22	13
-10°	216	181	154	129	109	87	67	50	35	23	13
-12.5°	213	180	154	130	109	88	68	51	36	24	13
-15°	209	178	153	130	109	89	69	51	36	25	13
-17.5°	203	175	152	129	109	89	69	51	37	25	14
-20°	199	172	150	126	108	88	69	51	36	24	14

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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	194	169	147	125	107	88	69	49	36	24	15
-25°	187	165	144	124	106	87	67	47	35	23	15
-27.5°	182	161	140	122	104	85	65	46	34	23	15
-30°	177	157	137	119	101	82	62	45	33	22	15
-32.5°	171	152	134	115	98	80	58	43	32	22	14
-35°	165	147	129	111	94	76	56	41	31	22	14
-37.5°	159	142	124	107	91	73	55	40	30	21	14
-40°	152	136	118	103	87	69	53	40	29	19	13
-42.5°	145	129	114	99	83	66	51	38	27	18	12
-45°	139	124	109	94	79	63	49	37	26	18	12
-47.5°	132	117	103	88	75	60	46	34	24	17	12
-50°	124	110	95	82	69	55	43	32	23	16	11
-52.5°	116	101	88	77	64	51	39	29	22	15	10
-55°	106	93	82	71	58	46	36	27	20	15	10
-57.5°	99	87	76	64	52	42	33	25	19	14	9
-60°	92	80	69	57	47	37	30	23	18	13	9
-62.5°	83	72	61	50	41	34	27	21	16	12	8
-65°	73	62	52	44	36	30	24	19	15	11	8
-67.5°	61	53	44	37	31	26	22	17	13	10	7
-70°	52	44	37	32	27	23	19	15	11	8	6
-72.5°	43	37	32	27	23	19	15	12	9	7	5
-75°	36	31	26	22	19	15	13	10	8	6	5
-77.5°	28	24	21	18	15	12	10	8	6	5	4
-80°	21	19	16	14	11	9	8	6	5	4	4
-82.5°	15	13	12	10	9	7	6	5	4	4	3
-85°	10	9	8	7	6	5	4	4	3	2	2
-87.5°	5	4	4	3	3	3	2	2	2	1	1
-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: P626736 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-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	1	1	0	0	0	0
62.5°	0	1	1	0	0	0	0
60°	0	1	1	1	0	0	0
57.5°	1	1	1	1	0	0	0
55°	1	1	1	1	0	0	0
52.5°	1	1	1	1	0	0	0
50°	1	1	1	1	0	0	0
47.5°	2	1	1	1	1	0	0
45°	2	1	1	1	1	0	0
42.5°	2	1	1	1	1	0	0
40°	2	1	1	2	1	0	0
37.5°	2	1	1	2	1	0	0
35°	2	2	1	2	1	0	0
32.5°	2	2	1	2	1	0	0
30°	3	2	1	2	1	0	0
27.5°	3	2	2	2	1	0	0
25°	3	2	2	2	1	0	0
22.5°	3	2	2	2	1	0	0
20°	3	2	2	2	1	0	0
17.5°	3	3	2	2	1	0	0
15°	3	3	2	2	1	0	0
12.5°	3	3	2	2	1	0	0
10°	4	3	2	2	1	0	0
7.5°	4	3	2	2	1	0	0
5°	4	3	2	2	1	0	0
2.5°	4	3	2	2	1	0	0
0°	4	3	2	2	2	0	0
-2.5°	5	3	2	2	1	0	0
-5°	6	3	2	2	1	0	0
-7.5°	7	3	2	2	1	0	0
-10°	7	3	2	2	1	0	0
-12.5°	8	4	2	2	1	0	0
-15°	8	4	2	2	1	0	0
-17.5°	8	4	2	2	1	0	0
-20°	8	4	2	2	1	0	0

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

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	8	4	2	2	1	0	0
-25°	8	4	2	2	1	0	0
-27.5°	8	4	2	2	1	0	0
-30°	8	4	2	2	1	0	0
-32.5°	8	5	2	2	1	0	0
-35°	8	5	2	2	1	0	0
-37.5°	8	5	2	2	1	0	0
-40°	8	5	2	2	1	0	0
-42.5°	8	5	3	2	1	0	0
-45°	8	5	3	2	1	0	0
-47.5°	8	5	3	2	1	0	0
-50°	7	5	3	2	1	0	0
-52.5°	7	4	3	2	1	0	0
-55°	7	4	3	2	1	0	0
-57.5°	7	4	3	2	1	0	0
-60°	6	4	3	2	1	0	0
-62.5°	6	4	3	2	1	0	0
-65°	5	4	2	2	1	0	0
-67.5°	5	3	2	2	1	0	0
-70°	4	3	2	2	1	0	0
-72.5°	4	3	2	2	1	0	0
-75°	4	3	2	1	1	0	0
-77.5°	3	3	2	1	1	0	0
-80°	3	2	2	1	1	0	0
-82.5°	2	2	1	1	0	0	0
-85°	1	1	1	0	0	0	0
-87.5°	1	1	0	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)