

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: P627214 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-735-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627214 (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-SA3D-735-U-MR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (48) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 20060.2 lumens  
Efficiency: N/A  
Efficacy: 125.2 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 70728.7 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 10030.3 lumens  
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 17235.4 lumens  
Field Efficiency: 85.9%

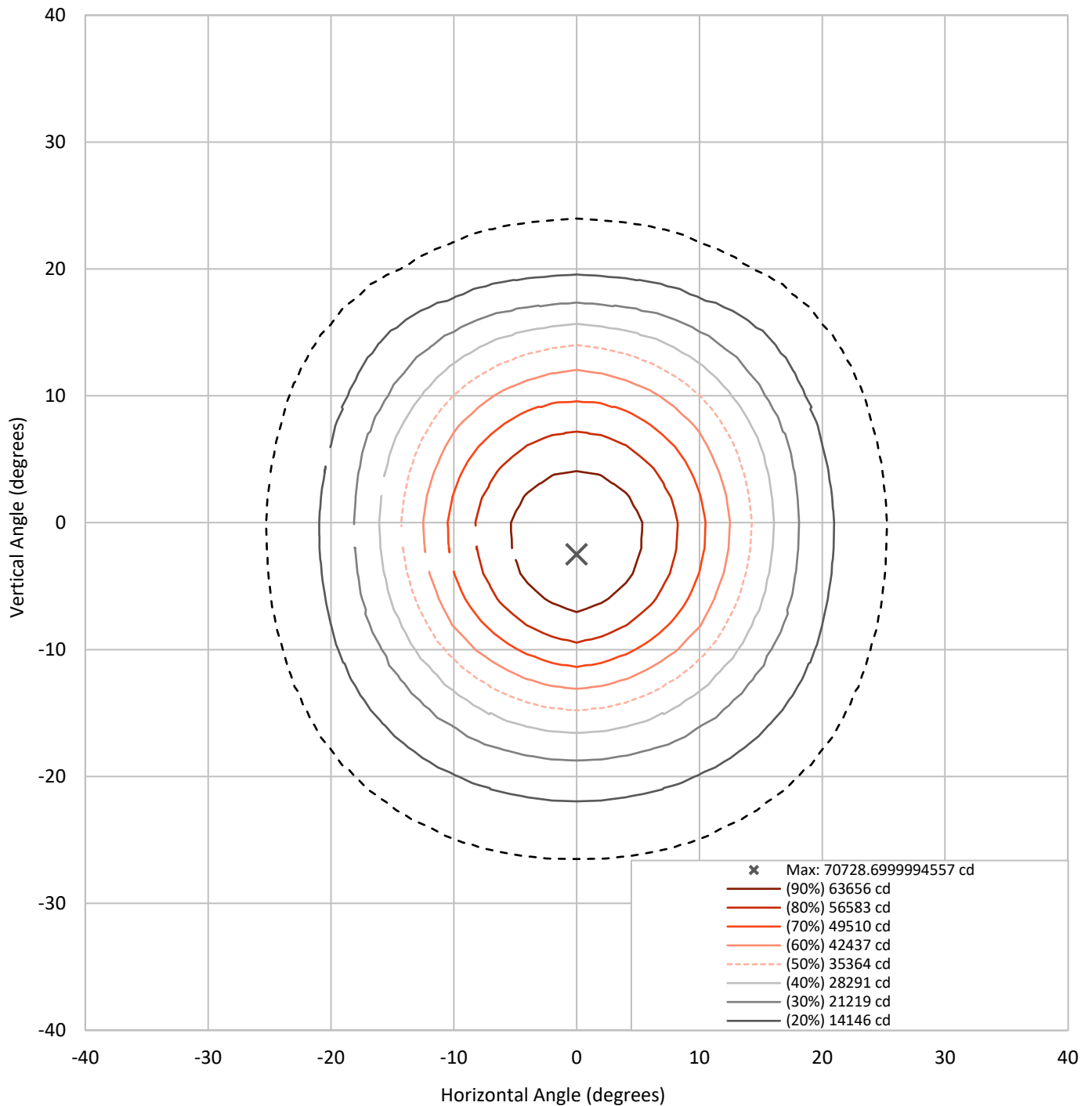
Input Watts (W): 160.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA3D-735-U-MR-VSR-XX

### Iso-Candela Plot





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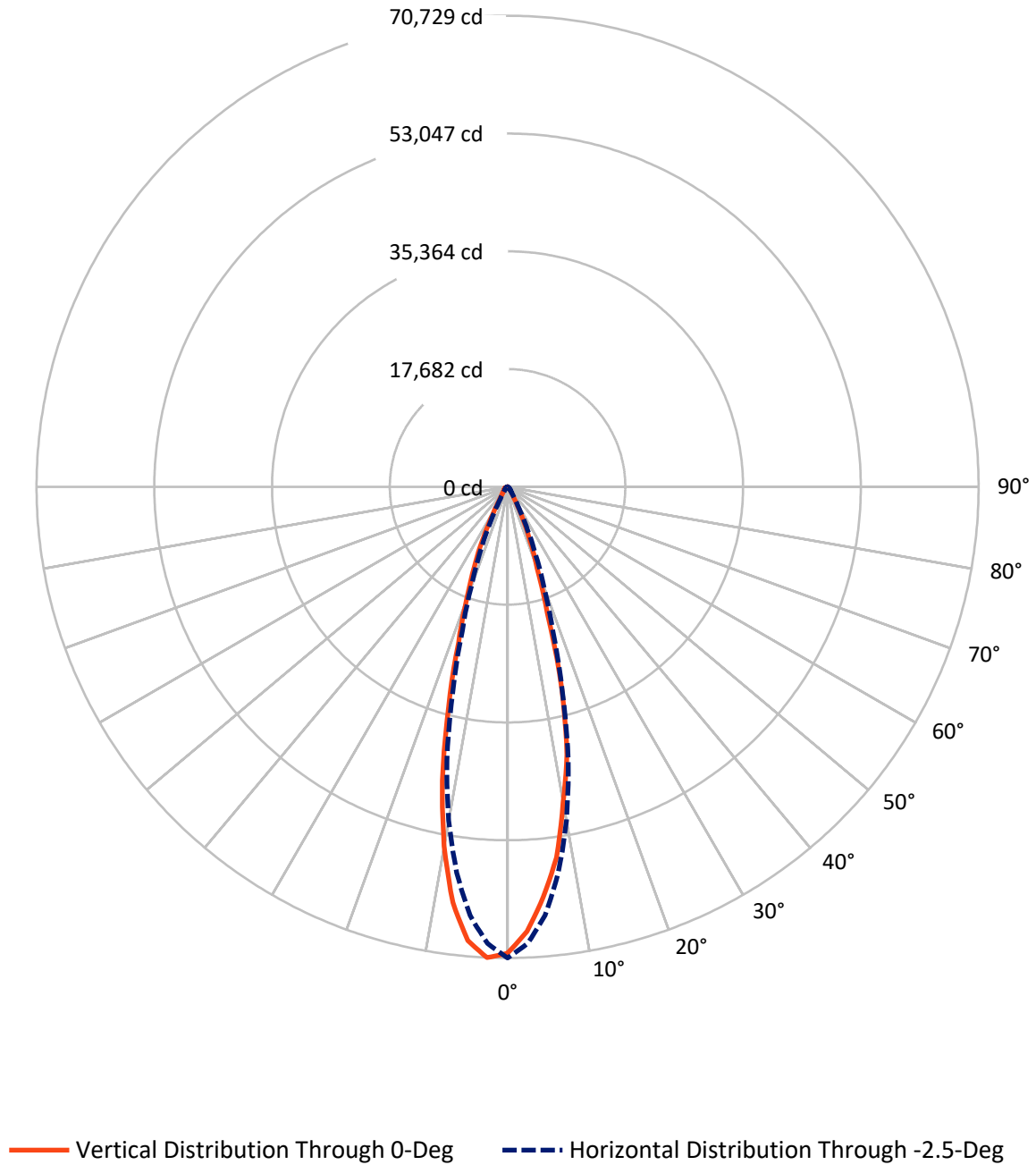
CATALOG NUMBER: GFLD-SA3D-735-U-MR-VSR-XX

### Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0					
70																			
60	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0			
50		0.0	0.1	0.6	1.4	2.3	3.2	3.8	3.8	3.2	2.3	1.4	0.6	0.1	0.0				
40	0.1	0.1	0.7	2.2	4.2	6.5	9.1	10.7	10.7	9.1	6.5	4.2	2.2	0.7	0.1	0.1			
30		0.3	1.7	4.3	7.9	13.0	21.6	28.9	28.9	21.6	13.0	7.9	4.3	1.7	0.3				
20	0.1	0.6	2.7	6.6	12.5	30.3	95.2	174.6	174.6	95.2	30.3	12.5	6.6	2.7	0.6	0.1			
10		1.0	3.7	8.9	21.3	104.5	424.8	831.8	831.8	424.8	104.5	21.3	8.9	3.7	1.0				
0	0.3	1.3	4.5	10.6	30.6	199.1	857.8	1681.3	1681.3	857.8	199.1	30.6	10.6	4.5	1.3	0.3			
-10		1.5	4.9	11.2	32.7	208.6	880.2	1782.8	1782.8	880.2	208.6	32.7	11.2	4.9	1.5				
-20	0.4	1.5	5.0	10.9	26.9	128.1	486.7	943.5	943.5	486.7	128.1	26.9	10.9	5.0	1.5	0.4			
-30		1.5	4.8	10.0	19.7	49.7	150.7	268.9	268.9	150.7	49.7	19.7	10.0	4.8	1.5				
-40	0.4	1.3	4.3	8.7	15.0	24.6	40.1	53.6	53.6	40.1	24.6	15.0	8.7	4.3	1.3	0.4			
-50		1.1	3.5	7.2	11.8	16.9	22.3	25.0	25.0	22.3	16.9	11.8	7.2	3.5	1.1				
-60	0.2	0.8	2.7	5.6	9.2	12.9	16.1	17.5	17.5	16.1	12.9	9.2	5.6	2.7	0.8	0.2			
-70		0.5	1.7	3.7	6.2	8.8	11.0	12.1	12.1	11.0	8.8	6.2	3.7	1.7	0.5				
-80	0.1	1.3		5.9		12.8		16.2		12.8		5.9		1.3		0.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

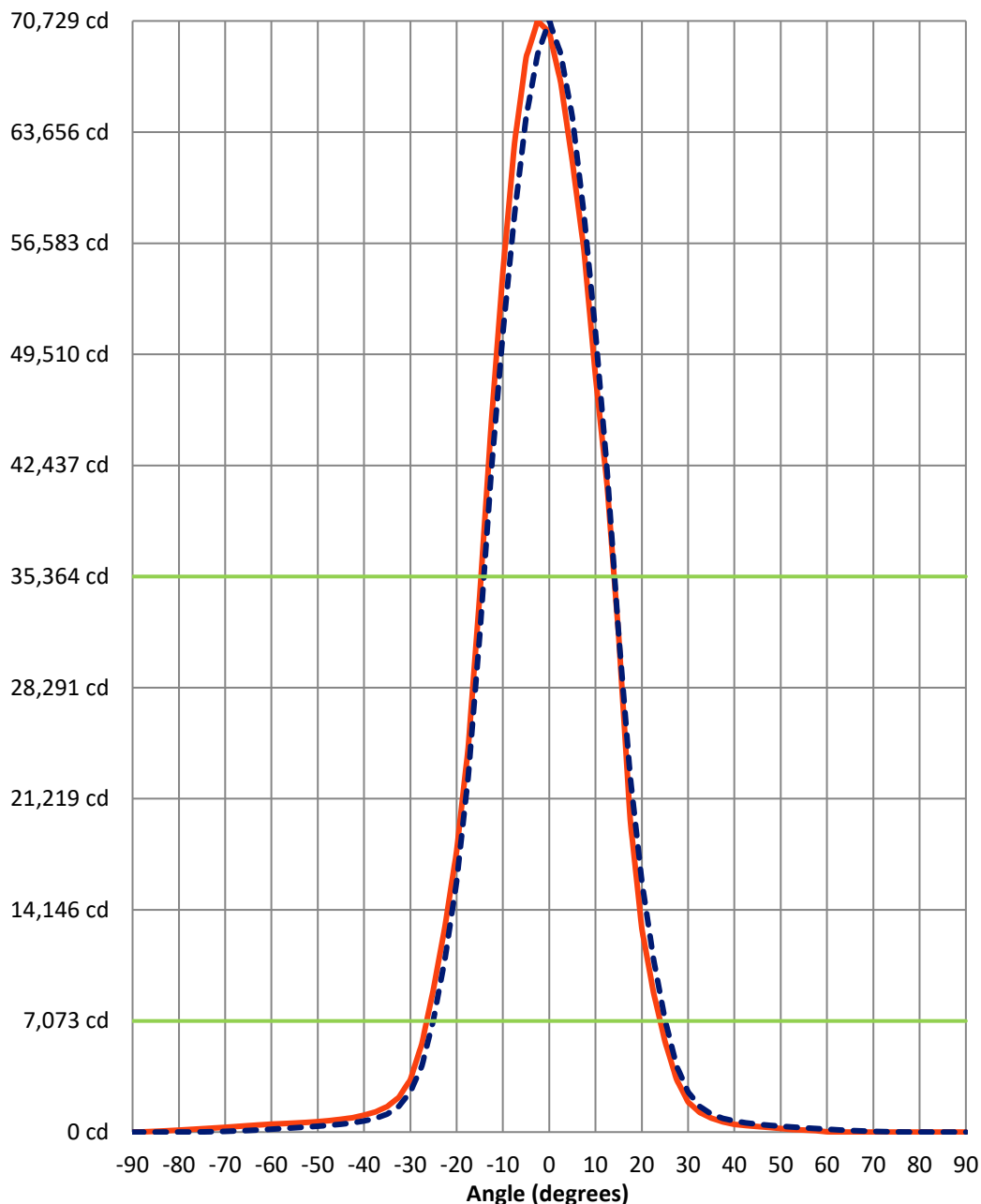
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 10030.3  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 17235.4  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 2824.8  
 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	1
60°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	1	2	2
55°	0	0	0	0	0	0	0	0	2	3	2
52.5°	0	0	0	0	0	0	1	1	3	3	2
50°	0	0	0	0	0	0	1	2	4	3	3
47.5°	0	0	0	0	0	1	2	3	4	4	4
45°	0	0	0	0	0	1	2	4	5	4	4
42.5°	0	0	0	0	0	2	3	5	5	4	7
40°	0	0	0	0	0	3	4	5	5	5	11
37.5°	0	0	0	0	1	3	4	5	5	7	15
35°	0	0	0	0	1	4	4	5	7	11	19
32.5°	0	0	0	0	2	4	5	5	8	15	24
30°	0	0	0	0	2	4	5	5	10	19	30
27.5°	0	0	0	0	2	4	5	6	13	23	35
25°	0	0	0	0	3	4	5	8	16	27	42
22.5°	0	0	0	0	3	5	5	9	19	32	50
20°	0	0	0	0	3	5	5	11	22	37	57
17.5°	0	0	0	0	4	5	5	13	24	42	64
15°	0	0	0	0	4	5	5	15	27	47	70
12.5°	0	0	0	0	4	5	6	17	29	52	76
10°	0	0	0	0	4	5	6	19	32	56	81
7.5°	0	0	0	0	4	5	7	22	34	61	86
5°	0	0	0	0	4	5	8	23	36	65	91
2.5°	0	0	0	0	4	5	8	25	38	68	95
0°	0	0	0	0	5	5	9	27	40	71	98
-2.5°	0	0	0	0	4	5	11	27	44	74	101
-5°	0	0	0	1	4	5	12	28	48	76	103
-7.5°	0	0	0	1	4	6	14	28	51	77	105
-10°	0	0	0	1	4	6	15	28	53	79	106
-12.5°	0	0	0	1	4	7	16	28	54	80	108
-15°	0	0	0	2	4	7	17	29	55	81	110
-17.5°	0	0	0	2	4	7	18	30	54	82	111
-20°	0	0	0	2	4	7	18	31	53	81	111

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REPORT NUMBER: P627214 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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	2	4	7	18	32	52	80	110
-25°	0	0	0	2	4	8	19	33	51	79	107
-27.5°	0	0	0	2	4	8	19	33	49	76	105
-30°	0	0	0	2	5	9	18	33	49	74	101
-32.5°	0	0	0	2	5	9	18	33	49	71	97
-35°	0	0	0	2	5	9	18	32	48	68	92
-37.5°	0	0	0	2	6	9	18	32	47	65	90
-40°	0	0	0	1	6	10	18	31	45	63	88
-42.5°	0	0	0	1	6	10	17	29	44	61	84
-45°	0	0	0	1	6	10	17	28	42	59	80
-47.5°	0	0	0	1	5	10	16	27	40	55	76
-50°	0	0	0	1	5	9	15	25	38	52	71
-52.5°	0	0	0	1	5	9	15	23	35	49	65
-55°	0	0	0	1	4	9	14	21	33	45	60
-57.5°	0	0	0	1	4	8	13	20	29	41	55
-60°	0	0	0	1	3	7	12	18	26	37	49
-62.5°	0	0	0	1	3	7	11	16	24	33	44
-65°	0	0	0	1	3	6	10	14	21	29	38
-67.5°	0	0	0	1	3	6	9	13	18	26	34
-70°	0	0	0	1	3	5	8	12	16	22	29
-72.5°	0	0	0	1	2	5	7	10	14	18	24
-75°	0	0	0	1	2	4	7	9	11	15	20
-77.5°	0	0	0	1	2	3	6	7	9	11	14
-80°	0	0	0	1	2	3	5	6	7	9	10
-82.5°	0	0	0	0	1	2	3	4	5	6	7
-85°	0	0	0	0	1	1	2	3	3	3	4
-87.5°	0	0	0	0	0	1	1	1	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627214 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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	1	1	0	1	2
60°	0	0	1	1	1	2	3	4	4	4	9
57.5°	1	1	2	2	3	5	7	8	14	20	25
55°	1	3	4	4	6	11	14	22	30	39	47
52.5°	3	5	4	7	13	19	28	39	51	59	67
50°	4	5	6	14	22	32	46	61	71	79	92
47.5°	6	7	14	23	34	49	68	80	90	106	124
45°	8	13	22	34	49	70	86	98	115	134	153
42.5°	12	20	32	44	68	89	104	121	139	160	181
40°	17	27	43	63	87	106	126	144	164	189	210
37.5°	23	37	55	80	104	126	148	169	193	219	244
35°	28	47	69	95	121	147	171	196	225	254	282
32.5°	36	58	82	110	138	166	193	225	256	287	322
30°	46	69	95	125	153	184	218	254	284	319	357
27.5°	56	79	107	138	168	202	243	278	312	349	391
25°	65	90	120	151	184	222	266	302	337	379	428
22.5°	74	100	133	162	198	242	287	328	368	409	467
20°	83	112	146	177	213	262	309	355	401	454	518
17.5°	91	123	158	193	233	281	331	382	434	498	577
15°	99	133	170	209	251	301	353	409	469	543	635
12.5°	107	142	182	222	267	318	372	430	500	589	703
10°	113	150	194	235	281	334	389	449	524	621	754
7.5°	120	158	204	247	293	347	403	466	545	647	794
5°	125	166	212	255	303	358	415	480	561	668	827
2.5°	130	172	218	262	310	365	422	488	572	687	852
0°	134	178	223	267	316	370	427	494	579	704	868
-2.5°	138	184	228	273	322	374	432	500	587	708	872
-5°	141	189	232	277	327	377	435	502	590	709	874
-7.5°	143	192	235	280	330	380	437	504	592	708	874
-10°	145	194	237	283	332	382	438	503	589	700	859
-12.5°	148	194	238	284	333	383	436	499	581	687	832
-15°	149	195	238	283	333	382	432	491	568	669	795
-17.5°	150	194	237	281	330	380	427	484	556	650	771
-20°	150	193	235	277	326	376	423	478	544	628	736

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CATALOG NUMBER: GFLD-SA3D-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°	149	191	232	273	320	369	417	468	530	601	697
-25°	147	189	229	269	313	360	408	456	514	582	664
-27.5°	143	186	225	264	306	350	397	444	497	559	630
-30°	138	180	219	258	299	341	384	431	479	537	601
-32.5°	131	174	212	251	291	331	370	415	462	511	570
-35°	125	166	204	241	282	321	357	397	443	489	539
-37.5°	121	158	196	231	270	308	343	380	421	466	511
-40°	117	149	187	221	256	294	329	362	399	443	486
-42.5°	111	143	177	211	244	279	315	346	381	421	462
-45°	107	136	168	200	233	264	297	331	365	400	438
-47.5°	101	129	159	188	221	252	281	313	348	381	415
-50°	94	121	149	176	206	238	268	296	327	360	393
-52.5°	87	112	138	163	191	221	251	280	307	336	367
-55°	78	102	126	150	175	202	231	260	289	315	342
-57.5°	71	91	114	137	159	183	211	238	266	292	319
-60°	64	80	100	122	145	167	190	216	242	267	292
-62.5°	56	71	87	106	128	149	171	193	217	238	260
-65°	49	61	76	92	110	129	149	171	192	209	226
-67.5°	42	53	64	78	93	109	125	144	163	180	195
-70°	36	44	53	64	77	90	105	119	134	149	163
-72.5°	31	37	44	51	62	74	86	97	109	122	135
-75°	25	30	36	42	50	59	69	79	89	99	109
-77.5°	19	24	28	33	39	46	53	62	70	78	87
-80°	14	17	22	26	30	34	39	44	50	57	63
-82.5°	9	12	15	18	21	23	26	29	34	38	43
-85°	5	7	9	11	12	13	15	16	19	22	25
-87.5°	3	3	4	5	5	6	6	6	7	9	10
-90°	0	0	0	0	0	0	0	0	0	0	0



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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	1	1	1	0	0	0
62.5°	1	2	3	5	5	5	6	6	6	6	6
60°	11	11	17	20	20	15	22	25	24	21	20
57.5°	31	39	45	47	53	62	65	64	65	68	76
55°	55	61	65	74	83	92	98	103	108	114	121
52.5°	75	85	92	101	113	120	124	136	147	155	161
50°	106	117	128	141	152	163	172	184	199	214	224
47.5°	139	153	168	186	199	209	220	238	258	276	287
45°	170	186	205	222	237	251	268	289	309	328	342
42.5°	198	216	235	255	268	291	315	336	361	385	402
40°	230	247	276	296	314	338	373	404	434	463	480
37.5°	268	298	329	354	377	407	456	504	542	580	607
35°	314	349	388	415	451	506	566	632	699	752	800
32.5°	357	396	436	480	534	611	688	794	892	993	1087
30°	396	440	489	545	632	740	864	1027	1203	1379	1579
27.5°	438	486	544	633	765	912	1142	1397	1762	2055	2528
25°	483	537	615	758	941	1199	1600	2056	2810	3455	4181
22.5°	537	621	732	910	1215	1681	2304	3298	4456	5532	6558
20°	604	718	907	1191	1629	2345	3527	5035	6645	8219	9741
17.5°	693	873	1144	1548	2169	3674	5433	7587	10345	12416	14380
15°	773	1002	1412	2065	3234	5170	7629	10928	14640	17762	21292
12.5°	869	1145	1639	2486	4157	6717	9851	13785	18179	22917	28447
10°	952	1292	1927	3093	5120	8099	11612	16229	21872	28576	35567
7.5°	1017	1414	2168	3548	5931	9233	13423	19039	26186	34022	41993
5°	1066	1509	2357	3905	6621	10154	14745	21262	29409	38402	46329
2.5°	1105	1576	2482	4124	7087	10782	15649	22444	31381	41262	49585
0°	1136	1617	2552	4280	7304	11080	16068	22922	32305	42663	51223
-2.5°	1146	1638	2555	4226	7172	11062	15970	22629	31667	42107	50875
-5°	1150	1627	2491	4113	6938	10665	15331	21517	29721	39513	48399
-7.5°	1142	1583	2360	3838	6413	9965	14438	19868	26592	35226	44410
-10°	1111	1507	2183	3464	5691	8872	13047	17635	23007	30055	37498
-12.5°	1055	1394	1939	2904	4841	7634	11332	15388	19575	24207	30328
-15°	989	1278	1740	2564	4053	6335	9330	12755	16229	19776	23511
-17.5°	938	1177	1535	2111	3112	4957	7351	10104	12923	15740	18255
-20°	874	1056	1336	1784	2511	3602	5403	7545	9652	11949	13876

Classified

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

Scaled Data Report



REPORT NUMBER: P627214 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	817	971	1181	1463	1952	2721	3747	5255	6856	8524	10106
-25°	763	879	1046	1272	1565	2022	2700	3488	4611	5637	6813
-27.5°	717	815	928	1096	1317	1567	1983	2443	3032	3522	4306
-30°	673	751	845	952	1114	1305	1529	1808	2096	2385	2761
-32.5°	632	698	771	858	958	1101	1240	1419	1576	1750	1929
-35°	592	650	710	779	856	950	1055	1173	1278	1383	1477
-37.5°	557	606	658	713	775	840	922	1006	1076	1144	1202
-40°	527	568	612	657	707	760	823	885	933	977	1014
-42.5°	501	537	571	610	651	699	749	796	828	859	883
-45°	476	506	538	569	603	645	688	725	750	773	791
-47.5°	448	476	505	534	566	600	634	661	684	704	717
-50°	422	449	475	499	528	558	587	611	631	648	657
-52.5°	396	422	448	473	496	520	543	565	585	603	610
-55°	370	397	420	443	466	488	509	528	546	563	569
-57.5°	346	372	397	415	435	455	475	494	511	527	532
-60°	317	344	366	384	403	422	439	456	473	488	495
-62.5°	284	308	328	345	363	379	395	410	426	438	445
-65°	244	265	284	302	317	332	347	361	374	383	389
-67.5°	210	225	241	257	273	287	301	313	324	333	338
-70°	177	191	205	219	233	246	258	269	279	287	292
-72.5°	147	159	172	185	197	208	218	228	237	243	249
-75°	119	130	141	151	162	171	179	187	195	200	205
-77.5°	95	103	111	119	127	134	141	147	153	157	161
-80°	70	77	83	89	95	100	105	110	114	118	122
-82.5°	47	52	57	62	67	70	72	75	77	80	83
-85°	27	30	33	36	39	41	43	45	47	49	50
-87.5°	11	12	13	15	16	16	17	17	17	18	20
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627214 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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	1
62.5°	5	5	4	4	4	5	5	6	6	6	6
60°	19	18	18	18	18	18	19	20	21	24	25
57.5°	83	89	92	94	92	89	83	76	68	65	64
55°	126	131	131	129	131	131	126	121	114	108	103
52.5°	163	164	163	160	163	164	163	161	155	147	136
50°	226	226	226	227	226	226	226	224	214	199	184
47.5°	291	294	296	294	296	294	291	287	276	258	238
45°	348	352	354	352	354	352	348	342	328	309	289
42.5°	409	412	413	414	413	412	409	402	385	361	336
40°	489	492	491	490	491	492	489	480	463	434	404
37.5°	625	634	639	650	639	634	625	607	580	542	504
35°	837	859	872	891	872	859	837	800	752	699	632
32.5°	1155	1202	1227	1251	1227	1202	1155	1087	993	892	794
30°	1718	1809	1847	1915	1847	1809	1718	1579	1379	1203	1027
27.5°	2875	3093	3179	3358	3179	3093	2875	2528	2055	1762	1397
25°	4843	5312	5571	5776	5571	5312	4843	4181	3455	2810	2056
22.5°	7593	8281	8649	8920	8649	8281	7593	6558	5532	4456	3298
20°	11121	12029	12570	12964	12570	12029	11121	9741	8219	6645	5035
17.5°	16901	18328	19163	19880	19163	18328	16901	14380	12416	10345	7587
15°	25232	28100	30329	31570	30329	28100	25232	21292	17762	14640	10928
12.5°	33336	37537	40032	41181	40032	37537	33336	28447	22917	18179	13785
10°	41350	45312	47686	48106	47686	45312	41350	35567	28576	21872	16229
7.5°	47486	51842	54998	56144	54998	51842	47486	41993	34022	26186	19039
5°	52905	58006	61345	61769	61345	58006	52905	46329	38402	29409	21262
2.5°	56892	62437	65675	66787	65675	62437	56892	49585	41262	31381	22444
0°	58820	64792	68395	70016	68395	64792	58820	51223	42663	32305	22922
-2.5°	58415	64591	68613	70729	68613	64591	58415	50875	42107	31667	22629
-5°	56194	62388	66138	68386	66138	62388	56194	48399	39513	29721	21517
-7.5°	51072	56865	60856	62931	60856	56865	51072	44410	35226	26592	19868
-10°	44472	49375	53013	54781	53013	49375	44472	37498	30055	23007	17635
-12.5°	35896	40651	43934	45184	43934	40651	35896	30328	24207	19575	15388
-15°	27502	31132	33464	34202	33464	31132	27502	23511	19776	16229	12755
-17.5°	20857	22811	24122	24476	24122	22811	20857	18255	15740	12923	10104
-20°	15625	16836	17688	17889	17688	16836	15625	13876	11949	9652	7545

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REPORT NUMBER: P627214 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	11385	12295	12983	13120	12983	12295	11385	10106	8524	6856	5255
-25°	7853	8615	9081	9116	9081	8615	7853	6813	5637	4611	3488
-27.5°	4924	5342	5557	5634	5557	5342	4924	4306	3522	3032	2443
-30°	3043	3235	3337	3340	3337	3235	3043	2761	2385	2096	1808
-32.5°	2065	2158	2209	2209	2209	2158	2065	1929	1750	1576	1419
-35°	1547	1595	1623	1626	1623	1595	1547	1477	1383	1278	1173
-37.5°	1244	1271	1285	1287	1285	1271	1244	1202	1144	1076	1006
-40°	1040	1059	1070	1078	1070	1059	1040	1014	977	933	885
-42.5°	900	912	917	913	917	912	900	883	859	828	796
-45°	801	809	813	815	813	809	801	791	773	750	725
-47.5°	723	727	729	730	729	727	723	717	704	684	661
-50°	662	665	666	664	666	665	662	657	648	631	611
-52.5°	612	613	614	615	614	613	612	610	603	585	565
-55°	572	573	574	575	574	573	572	569	563	546	528
-57.5°	537	541	541	539	541	541	537	532	527	511	494
-60°	501	505	507	508	507	505	501	495	488	473	456
-62.5°	451	456	458	459	458	456	451	445	438	426	410
-65°	394	398	404	410	404	398	394	389	383	374	361
-67.5°	342	346	351	356	351	346	342	338	333	324	313
-70°	297	301	302	303	302	301	297	292	287	279	269
-72.5°	253	257	258	258	258	257	253	249	243	237	228
-75°	209	213	214	214	214	213	209	205	200	195	187
-77.5°	165	168	169	169	169	168	165	161	157	153	147
-80°	125	128	127	125	127	128	125	122	118	114	110
-82.5°	86	89	87	85	87	89	86	83	80	77	75
-85°	52	53	51	49	51	53	52	50	49	47	45
-87.5°	21	22	20	18	20	22	21	20	18	17	17
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627214 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	1	1	0	0	0	0	0	0	0	0	0
62.5°	6	5	5	5	3	2	1	2	1	0	1
60°	22	15	20	20	17	11	11	9	4	4	4
57.5°	65	62	53	47	45	39	31	25	20	14	8
55°	98	92	83	74	65	61	55	47	39	30	22
52.5°	124	120	113	101	92	85	75	67	59	51	39
50°	172	163	152	141	128	117	106	92	79	71	61
47.5°	220	209	199	186	168	153	139	124	106	90	80
45°	268	251	237	222	205	186	170	153	134	115	98
42.5°	315	291	268	255	235	216	198	181	160	139	121
40°	373	338	314	296	276	247	230	210	189	164	144
37.5°	456	407	377	354	329	298	268	244	219	193	169
35°	566	506	451	415	388	349	314	282	254	225	196
32.5°	688	611	534	480	436	396	357	322	287	256	225
30°	864	740	632	545	489	440	396	357	319	284	254
27.5°	1142	912	765	633	544	486	438	391	349	312	278
25°	1600	1199	941	758	615	537	483	428	379	337	302
22.5°	2304	1681	1215	910	732	621	537	467	409	368	328
20°	3527	2345	1629	1191	907	718	604	518	454	401	355
17.5°	5433	3674	2169	1548	1144	873	693	577	498	434	382
15°	7629	5170	3234	2065	1412	1002	773	635	543	469	409
12.5°	9851	6717	4157	2486	1639	1145	869	703	589	500	430
10°	11612	8099	5120	3093	1927	1292	952	754	621	524	449
7.5°	13423	9233	5931	3548	2168	1414	1017	794	647	545	466
5°	14745	10154	6621	3905	2357	1509	1066	827	668	561	480
2.5°	15649	10782	7087	4124	2482	1576	1105	852	687	572	488
0°	16068	11080	7304	4280	2552	1617	1136	868	704	579	494
-2.5°	15970	11062	7172	4226	2555	1638	1146	872	708	587	500
-5°	15331	10665	6938	4113	2491	1627	1150	874	709	590	502
-7.5°	14438	9965	6413	3838	2360	1583	1142	874	708	592	504
-10°	13047	8872	5691	3464	2183	1507	1111	859	700	589	503
-12.5°	11332	7634	4841	2904	1939	1394	1055	832	687	581	499
-15°	9330	6335	4053	2564	1740	1278	989	795	669	568	491
-17.5°	7351	4957	3112	2111	1535	1177	938	771	650	556	484
-20°	5403	3602	2511	1784	1336	1056	874	736	628	544	478

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REPORT NUMBER: P627214 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	3747	2721	1952	1463	1181	971	817	697	601	530	468
-25°	2700	2022	1565	1272	1046	879	763	664	582	514	456
-27.5°	1983	1567	1317	1096	928	815	717	630	559	497	444
-30°	1529	1305	1114	952	845	751	673	601	537	479	431
-32.5°	1240	1101	958	858	771	698	632	570	511	462	415
-35°	1055	950	856	779	710	650	592	539	489	443	397
-37.5°	922	840	775	713	658	606	557	511	466	421	380
-40°	823	760	707	657	612	568	527	486	443	399	362
-42.5°	749	699	651	610	571	537	501	462	421	381	346
-45°	688	645	603	569	538	506	476	438	400	365	331
-47.5°	634	600	566	534	505	476	448	415	381	348	313
-50°	587	558	528	499	475	449	422	393	360	327	296
-52.5°	543	520	496	473	448	422	396	367	336	307	280
-55°	509	488	466	443	420	397	370	342	315	289	260
-57.5°	475	455	435	415	397	372	346	319	292	266	238
-60°	439	422	403	384	366	344	317	292	267	242	216
-62.5°	395	379	363	345	328	308	284	260	238	217	193
-65°	347	332	317	302	284	265	244	226	209	192	171
-67.5°	301	287	273	257	241	225	210	195	180	163	144
-70°	258	246	233	219	205	191	177	163	149	134	119
-72.5°	218	208	197	185	172	159	147	135	122	109	97
-75°	179	171	162	151	141	130	119	109	99	89	79
-77.5°	141	134	127	119	111	103	95	87	78	70	62
-80°	105	100	95	89	83	77	70	63	57	50	44
-82.5°	72	70	67	62	57	52	47	43	38	34	29
-85°	43	41	39	36	33	30	27	25	22	19	16
-87.5°	17	16	16	15	13	12	11	10	9	7	6
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P627214 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	1	0	0	0	0	0	0	1	0	0	0
60°	3	2	1	1	1	0	0	1	1	0	0
57.5°	7	5	3	2	2	1	1	2	2	1	0
55°	14	11	6	4	4	3	1	2	3	2	0
52.5°	28	19	13	7	4	5	3	2	3	3	1
50°	46	32	22	14	6	5	4	3	3	4	2
47.5°	68	49	34	23	14	7	6	4	4	4	3
45°	86	70	49	34	22	13	8	4	4	5	4
42.5°	104	89	68	44	32	20	12	7	4	5	5
40°	126	106	87	63	43	27	17	11	5	5	5
37.5°	148	126	104	80	55	37	23	15	7	5	5
35°	171	147	121	95	69	47	28	19	11	7	5
32.5°	193	166	138	110	82	58	36	24	15	8	5
30°	218	184	153	125	95	69	46	30	19	10	5
27.5°	243	202	168	138	107	79	56	35	23	13	6
25°	266	222	184	151	120	90	65	42	27	16	8
22.5°	287	242	198	162	133	100	74	50	32	19	9
20°	309	262	213	177	146	112	83	57	37	22	11
17.5°	331	281	233	193	158	123	91	64	42	24	13
15°	353	301	251	209	170	133	99	70	47	27	15
12.5°	372	318	267	222	182	142	107	76	52	29	17
10°	389	334	281	235	194	150	113	81	56	32	19
7.5°	403	347	293	247	204	158	120	86	61	34	22
5°	415	358	303	255	212	166	125	91	65	36	23
2.5°	422	365	310	262	218	172	130	95	68	38	25
0°	427	370	316	267	223	178	134	98	71	40	27
-2.5°	432	374	322	273	228	184	138	101	74	44	27
-5°	435	377	327	277	232	189	141	103	76	48	28
-7.5°	437	380	330	280	235	192	143	105	77	51	28
-10°	438	382	332	283	237	194	145	106	79	53	28
-12.5°	436	383	333	284	238	194	148	108	80	54	28
-15°	432	382	333	283	238	195	149	110	81	55	29
-17.5°	427	380	330	281	237	194	150	111	82	54	30
-20°	423	376	326	277	235	193	150	111	81	53	31

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REPORT NUMBER: P627214 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	417	369	320	273	232	191	149	110	80	52	32
-25°	408	360	313	269	229	189	147	107	79	51	33
-27.5°	397	350	306	264	225	186	143	105	76	49	33
-30°	384	341	299	258	219	180	138	101	74	49	33
-32.5°	370	331	291	251	212	174	131	97	71	49	33
-35°	357	321	282	241	204	166	125	92	68	48	32
-37.5°	343	308	270	231	196	158	121	90	65	47	32
-40°	329	294	256	221	187	149	117	88	63	45	31
-42.5°	315	279	244	211	177	143	111	84	61	44	29
-45°	297	264	233	200	168	136	107	80	59	42	28
-47.5°	281	252	221	188	159	129	101	76	55	40	27
-50°	268	238	206	176	149	121	94	71	52	38	25
-52.5°	251	221	191	163	138	112	87	65	49	35	23
-55°	231	202	175	150	126	102	78	60	45	33	21
-57.5°	211	183	159	137	114	91	71	55	41	29	20
-60°	190	167	145	122	100	80	64	49	37	26	18
-62.5°	171	149	128	106	87	71	56	44	33	24	16
-65°	149	129	110	92	76	61	49	38	29	21	14
-67.5°	125	109	93	78	64	53	42	34	26	18	13
-70°	105	90	77	64	53	44	36	29	22	16	12
-72.5°	86	74	62	51	44	37	31	24	18	14	10
-75°	69	59	50	42	36	30	25	20	15	11	9
-77.5°	53	46	39	33	28	24	19	14	11	9	7
-80°	39	34	30	26	22	17	14	10	9	7	6
-82.5°	26	23	21	18	15	12	9	7	6	5	4
-85°	15	13	12	11	9	7	5	4	3	3	3
-87.5°	6	6	5	5	4	3	3	2	2	2	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: P627214 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	1	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	2	1	0	0	0	0	0
45°	2	1	0	0	0	0	0
42.5°	3	2	0	0	0	0	0
40°	4	3	0	0	0	0	0
37.5°	4	3	1	0	0	0	0
35°	4	4	1	0	0	0	0
32.5°	5	4	2	0	0	0	0
30°	5	4	2	0	0	0	0
27.5°	5	4	2	0	0	0	0
25°	5	4	3	0	0	0	0
22.5°	5	5	3	0	0	0	0
20°	5	5	3	0	0	0	0
17.5°	5	5	4	0	0	0	0
15°	5	5	4	0	0	0	0
12.5°	6	5	4	0	0	0	0
10°	6	5	4	0	0	0	0
7.5°	7	5	4	0	0	0	0
5°	8	5	4	0	0	0	0
2.5°	8	5	4	0	0	0	0
0°	9	5	5	0	0	0	0
-2.5°	11	5	4	0	0	0	0
-5°	12	5	4	1	0	0	0
-7.5°	14	6	4	1	0	0	0
-10°	15	6	4	1	0	0	0
-12.5°	16	7	4	1	0	0	0
-15°	17	7	4	2	0	0	0
-17.5°	18	7	4	2	0	0	0
-20°	18	7	4	2	0	0	0

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REPORT NUMBER: P627214 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18	7	4	2	0	0	0
-25°	19	8	4	2	0	0	0
-27.5°	19	8	4	2	0	0	0
-30°	18	9	5	2	0	0	0
-32.5°	18	9	5	2	0	0	0
-35°	18	9	5	2	0	0	0
-37.5°	18	9	6	2	0	0	0
-40°	18	10	6	1	0	0	0
-42.5°	17	10	6	1	0	0	0
-45°	17	10	6	1	0	0	0
-47.5°	16	10	5	1	0	0	0
-50°	15	9	5	1	0	0	0
-52.5°	15	9	5	1	0	0	0
-55°	14	9	4	1	0	0	0
-57.5°	13	8	4	1	0	0	0
-60°	12	7	3	1	0	0	0
-62.5°	11	7	3	1	0	0	0
-65°	10	6	3	1	0	0	0
-67.5°	9	6	3	1	0	0	0
-70°	8	5	3	1	0	0	0
-72.5°	7	5	2	1	0	0	0
-75°	7	4	2	1	0	0	0
-77.5°	6	3	2	1	0	0	0
-80°	5	3	2	1	0	0	0
-82.5°	3	2	1	0	0	0	0
-85°	2	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)