

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: P627156 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-735-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627156 (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-SA3C-735-U-MWR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (48) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 16131.1 lumens  
Efficiency: N/A  
Efficacy: 132.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 22599.5 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 10804.6 lumens  
Beam Efficiency: 67.0%

Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 14539.7 lumens  
Field Efficiency: 90.1%

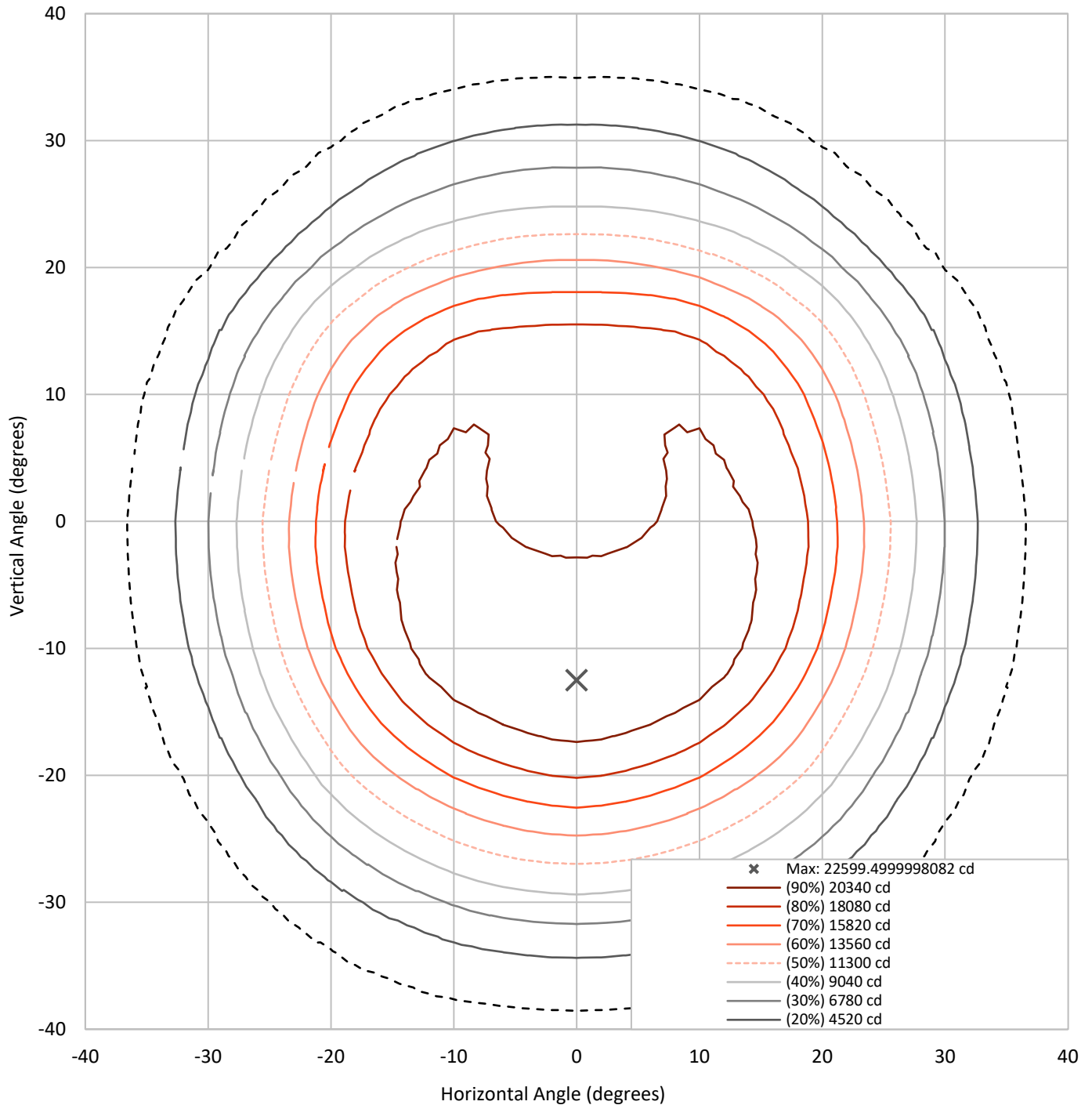
Input Watts (W): 121.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA3C-735-U-MWR-VSR-XX

### Iso-Candela Plot





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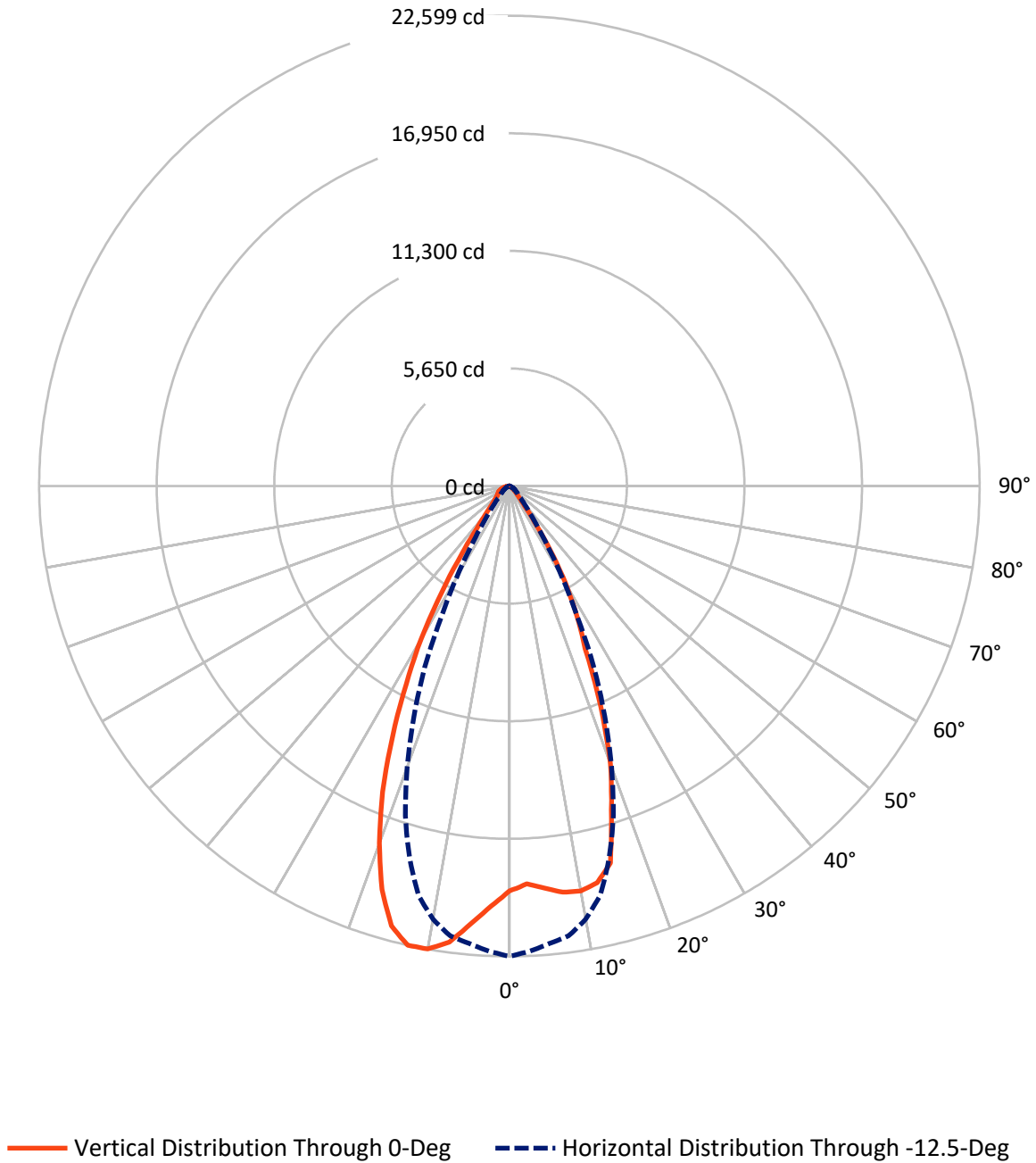
CATALOG NUMBER: GFLD-SA3C-735-U-MWR-VSR-XX

### 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	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.5	1.3	2.2	3.1	3.6	3.6	3.1	2.2	1.3	0.5	0.1		0.0			
40	0.1	0.1	0.6	2.3	4.5	7.4	11.1	13.6	13.6	11.1	7.4	4.5	2.3	0.6	0.1	0.1			
30		0.3	1.8	4.7	9.7	20.9	47.6	72.7	72.7	47.6	20.9	9.7	4.7	1.8	0.3				
20	0.2	0.7	3.0	7.5	20.2	75.0	193.1	269.9	269.9	193.1	75.0	20.2	7.5	3.0	0.7	0.2			
10		1.1	4.2	11.6	48.2	208.2	434.4	537.9	537.9	434.4	208.2	48.2	11.6	4.2	1.1				
0	0.3	1.4	5.2	15.0	76.7	306.7	560.1	607.2	607.2	560.1	306.7	76.7	15.0	5.2	1.4	0.3			
-10		1.7	5.7	16.1	80.2	316.7	580.3	644.5	644.5	580.3	316.7	80.2	16.1	5.7	1.7				
-20	0.4	1.8	5.8	14.6	57.4	235.8	489.5	625.1	625.1	489.5	235.8	57.4	14.6	5.8	1.8	0.4			
-30		1.7	5.5	12.1	32.1	114.4	272.8	383.8	383.8	272.8	114.4	32.1	12.1	5.5	1.7				
-40	0.4	1.5	5.0	10.1	19.2	40.7	85.2	126.5	126.5	85.2	40.7	19.2	10.1	5.0	1.5	0.4			
-50		1.3	4.2	8.4	14.0	20.7	29.1	34.5	34.5	29.1	20.7	14.0	8.4	4.2	1.3				
-60	0.3	0.9	3.1	6.6	11.0	15.2	19.0	20.8	20.8	19.0	15.2	11.0	6.6	3.1	0.9	0.3			
-70		0.7	2.0	4.5	7.7	10.9	13.8	15.4	15.4	13.8	10.9	7.7	4.5	2.0	0.7				
-80	0.1	1.8	8.1	17.3	22.2	17.3	8.1	1.8	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

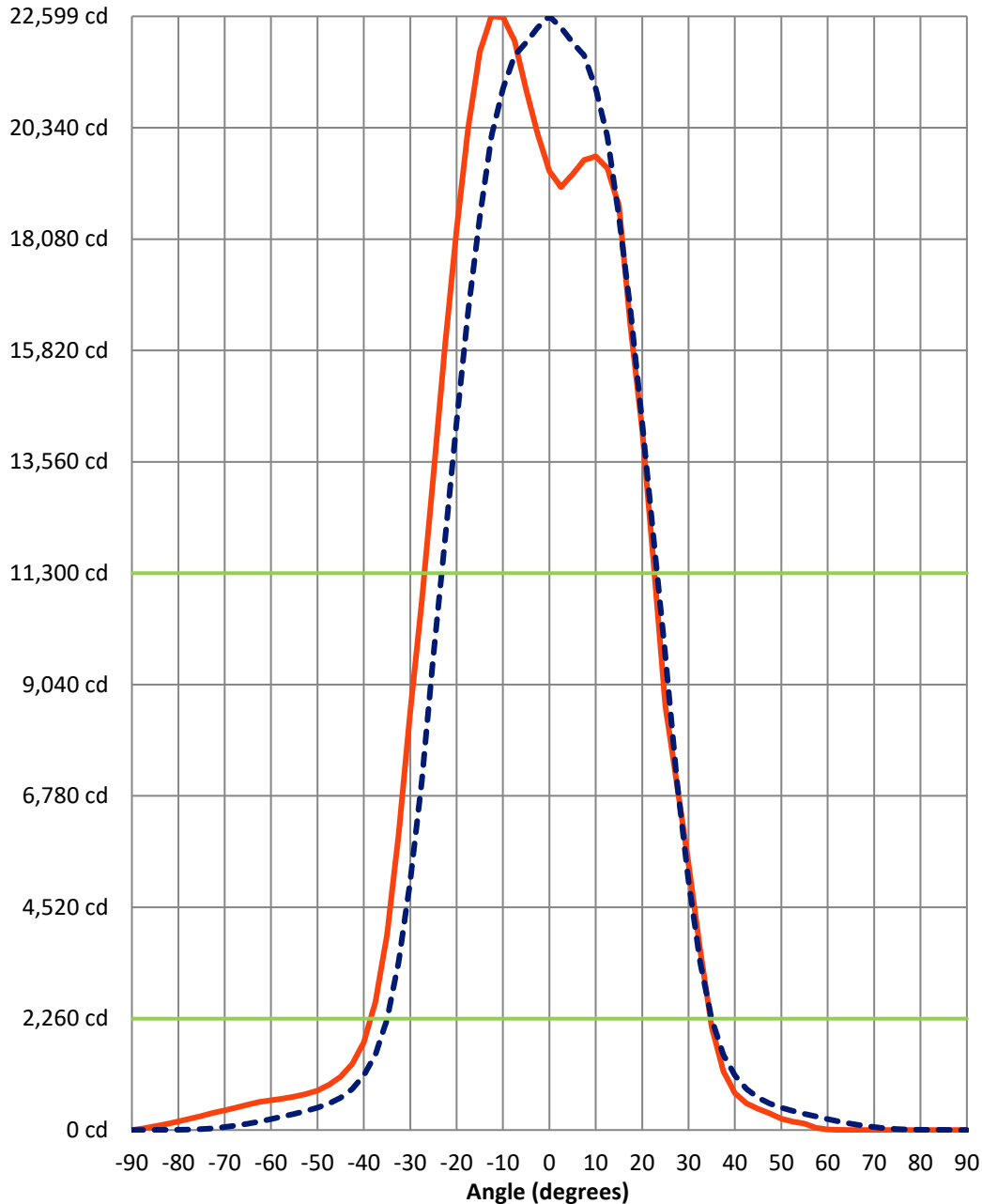
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 10804.6  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 14539.7  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 1591.4  
 Efficiency: 9.9%

— 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	1	0	0	0	0	0
70°	0	0	0	0	1	1	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	1	0
65°	0	0	0	1	1	1	0	0	1	1	1
62.5°	0	0	0	1	2	1	1	1	2	2	2
60°	0	0	0	2	2	2	1	2	3	3	3
57.5°	0	0	0	2	2	2	1	3	3	3	4
55°	0	0	1	2	3	2	2	4	3	4	4
52.5°	0	0	1	3	3	2	3	4	4	4	4
50°	0	0	1	3	3	2	3	4	4	4	4
47.5°	0	0	1	3	3	3	4	4	4	4	5
45°	0	0	2	4	3	3	4	5	4	5	6
42.5°	0	0	2	4	3	3	4	5	4	6	7
40°	0	0	2	4	3	3	5	5	5	7	9
37.5°	0	0	2	4	3	4	5	5	6	8	10
35°	0	0	2	4	3	4	6	5	7	10	14
32.5°	0	0	3	4	4	4	6	6	9	13	22
30°	0	0	3	4	4	5	6	6	10	16	30
27.5°	0	0	3	4	4	5	7	7	12	20	37
25°	0	0	3	4	4	6	7	9	15	25	43
22.5°	0	0	3	4	4	6	7	10	18	30	51
20°	0	0	3	4	4	6	7	11	21	35	59
17.5°	0	0	3	4	4	7	8	12	24	40	67
15°	0	0	3	4	4	7	8	14	27	44	75
12.5°	0	0	4	4	4	7	8	16	31	48	83
10°	0	0	4	4	4	7	9	19	33	53	90
7.5°	0	0	4	4	4	7	10	22	36	60	96
5°	0	0	4	4	4	7	10	25	38	66	101
2.5°	0	0	4	4	4	7	11	27	39	72	105
0°	0	0	4	4	4	7	11	30	41	78	107
-2.5°	0	0	4	4	4	8	13	31	46	81	113
-5°	0	0	4	4	4	8	15	32	51	84	118
-7.5°	0	0	4	4	5	8	17	32	55	87	122
-10°	0	0	4	4	5	9	18	33	59	89	126
-12.5°	0	0	4	4	5	9	19	33	61	91	128
-15°	0	0	4	4	5	9	20	34	62	92	129
-17.5°	0	1	3	4	6	9	21	35	62	92	129
-20°	0	1	3	4	6	9	21	36	61	92	127

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CATALOG NUMBER: GFLD-SA3C-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	1	3	4	6	10	21	37	60	90	124
-25°	0	1	3	4	6	10	21	38	59	88	120
-27.5°	0	1	3	4	6	11	21	37	57	86	117
-30°	0	1	3	4	5	11	21	37	57	84	113
-32.5°	0	1	3	4	6	12	20	36	56	81	109
-35°	0	1	3	4	6	12	20	35	54	79	103
-37.5°	0	1	3	4	6	12	20	34	52	76	102
-40°	0	1	3	4	6	12	20	33	49	73	100
-42.5°	0	1	3	4	6	12	20	31	46	69	97
-45°	0	1	3	4	7	12	20	30	44	65	92
-47.5°	0	1	3	4	7	12	19	29	42	60	86
-50°	0	1	3	4	7	12	19	28	40	57	80
-52.5°	0	1	3	4	7	11	18	26	38	54	73
-55°	0	1	3	4	7	11	17	25	37	51	68
-57.5°	0	1	3	4	7	11	16	24	34	48	64
-60°	0	1	3	5	6	10	15	22	32	44	58
-62.5°	0	1	3	5	6	10	15	21	30	40	54
-65°	0	1	3	5	6	9	13	19	27	37	48
-67.5°	0	1	3	5	6	8	12	17	24	32	43
-70°	0	1	2	4	6	8	11	15	21	28	37
-72.5°	0	1	2	4	6	8	10	13	18	24	31
-75°	0	0	2	4	5	7	9	12	15	20	25
-77.5°	0	0	2	3	5	7	8	10	13	16	20
-80°	0	0	1	2	4	6	7	9	11	13	16
-82.5°	0	0	1	2	3	4	6	7	9	11	13
-85°	0	0	1	1	2	3	4	5	6	8	9
-87.5°	0	0	0	1	1	1	2	3	3	4	5
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627156 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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	1	1	1	0	0	0	0	0	0	0
65°	2	2	2	1	0	1	1	1	0	0	0
62.5°	3	3	2	2	2	3	2	1	0	1	1
60°	4	3	3	3	4	3	2	3	3	4	9
57.5°	4	3	3	4	4	4	5	5	13	22	24
55°	4	4	4	5	6	6	10	21	31	38	41
52.5°	4	4	6	7	9	14	26	38	48	55	65
50°	5	6	8	10	16	29	43	57	69	81	95
47.5°	6	8	11	16	30	46	63	81	96	112	132
45°	8	12	16	29	46	66	88	107	122	142	160
42.5°	9	18	27	41	65	90	114	129	147	168	192
40°	15	25	39	60	86	115	136	153	172	201	230
37.5°	23	36	52	79	110	138	159	180	206	240	275
35°	31	45	69	99	134	160	183	209	246	285	326
32.5°	39	55	86	120	153	181	207	245	283	326	383
30°	48	69	102	140	170	200	236	278	317	370	436
27.5°	56	83	119	156	187	218	266	307	351	411	490
25°	66	98	135	171	203	242	294	338	383	460	567
22.5°	77	112	151	185	218	267	323	378	437	513	645
20°	90	126	165	201	233	292	354	421	501	607	781
17.5°	101	138	178	217	258	318	388	466	566	698	953
15°	111	149	191	234	281	344	421	518	639	803	1120
12.5°	121	159	204	250	302	368	451	556	699	935	1333
10°	129	168	216	265	320	390	476	588	748	1029	1492
7.5°	136	177	227	280	336	408	498	614	791	1104	1617
5°	142	188	237	291	348	423	516	634	827	1158	1713
2.5°	148	198	245	300	356	435	531	653	862	1203	1794
0°	152	207	252	308	363	445	541	667	889	1234	1856
-2.5°	157	212	261	313	373	451	546	677	898	1238	1844
-5°	162	215	268	318	382	455	547	681	897	1229	1806
-7.5°	165	218	273	321	386	457	548	679	888	1208	1744
-10°	168	220	275	325	387	456	545	670	867	1168	1651
-12.5°	171	222	276	327	387	454	538	655	833	1108	1532
-15°	174	223	275	327	385	449	526	634	789	1029	1384
-17.5°	175	224	274	324	382	442	511	609	748	959	1278
-20°	174	223	272	319	378	434	500	590	714	892	1149

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	173	221	270	314	370	426	488	566	671	816	1024
-25°	169	219	267	311	362	417	472	541	632	761	934
-27.5°	163	214	261	307	353	406	458	521	600	700	838
-30°	155	208	254	300	346	395	445	498	567	654	765
-32.5°	147	201	246	291	337	384	431	480	539	611	698
-35°	142	192	238	280	325	371	416	462	511	575	649
-37.5°	138	183	230	269	312	357	400	443	489	539	607
-40°	134	174	220	260	298	342	384	425	467	517	569
-42.5°	128	167	209	250	287	326	366	406	448	494	543
-45°	123	159	199	237	274	311	350	387	428	472	517
-47.5°	116	150	188	222	259	296	333	370	406	447	490
-50°	107	140	175	207	240	277	314	351	386	421	459
-52.5°	99	128	161	193	223	254	292	329	365	399	433
-55°	89	116	146	178	207	235	268	306	341	374	409
-57.5°	82	105	132	162	191	219	250	282	316	349	382
-60°	75	94	117	145	174	202	231	261	292	324	354
-62.5°	68	84	104	126	153	182	209	237	267	294	321
-65°	62	75	91	110	131	157	183	210	237	261	284
-67.5°	55	66	79	93	112	133	155	179	204	227	249
-70°	47	57	68	80	94	111	131	151	171	191	212
-72.5°	39	48	58	67	80	94	110	125	143	161	179
-75°	32	39	47	56	66	78	91	104	118	132	147
-77.5°	25	31	38	45	52	62	72	82	94	105	116
-80°	19	24	29	34	41	47	54	61	70	79	88
-82.5°	15	18	22	25	29	34	38	44	50	57	63
-85°	11	13	15	17	19	22	25	28	32	36	40
-87.5°	6	6	7	8	10	11	12	13	15	17	19
-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	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	2	2	3	3	3
60°	10	7	9	12	12	9	13	15	14	11	12
57.5°	26	28	32	37	41	44	47	51	54	56	57
55°	48	57	67	72	80	92	103	103	105	108	114
52.5°	76	87	92	101	117	127	132	140	150	159	167
50°	111	120	131	145	160	170	174	189	207	222	231
47.5°	145	158	178	203	216	227	243	262	283	304	322
45°	178	200	226	248	266	284	305	330	362	392	415
42.5°	214	240	266	292	311	343	379	407	454	494	519
40°	257	282	320	352	391	431	493	551	610	677	726
37.5°	309	348	400	451	509	569	681	795	888	1020	1093
35°	370	431	505	582	674	818	981	1202	1431	1623	1807
32.5°	442	519	622	758	914	1144	1389	1796	2193	2589	2978
30°	512	624	782	969	1224	1589	2051	2680	3361	3958	4498
27.5°	606	765	969	1249	1684	2218	3071	3945	4812	5587	6143
25°	719	932	1221	1684	2312	3198	4342	5412	6431	7190	7830
22.5°	883	1202	1612	2202	3342	4573	5942	7289	8433	9390	10021
20°	1085	1516	2203	3272	4613	6152	7915	9332	10740	11817	12779
17.5°	1371	2058	3028	4386	5988	8041	9856	11436	13225	14325	15306
15°	1629	2512	3895	5627	7504	9680	11820	13756	15482	16692	17788
12.5°	1954	2994	4584	6621	8675	11097	13322	15394	17085	18330	19097
10°	2246	3489	5272	7403	9702	12233	14538	16695	18333	19295	19859
7.5°	2482	3899	5830	8072	10499	13046	15481	17622	19190	19994	20380
5°	2664	4204	6266	8620	11141	13748	16233	18329	19649	20314	20529
2.5°	2801	4416	6560	8981	11575	14266	16803	18868	19995	20475	20546
0°	2894	4565	6751	9208	11946	14451	17112	19209	20280	20665	20702
-2.5°	2872	4511	6743	9126	11904	14535	17161	19231	20377	20895	20979
-5°	2814	4384	6519	8892	11565	14200	16705	18890	20297	21079	21425
-7.5°	2701	4165	6137	8446	11017	13654	16208	18476	20094	21195	21872
-10°	2509	3844	5648	7881	10415	12928	15453	17806	19549	20874	21818
-12.5°	2247	3410	5051	7082	9628	11975	14366	16621	18523	20156	21132
-15°	1976	2957	4432	6289	8507	10817	13026	15239	17116	18644	19861
-17.5°	1783	2560	3714	5340	7286	9479	11634	13666	15361	16796	18073
-20°	1539	2116	3030	4397	6111	8027	10092	11900	13414	14760	15979

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REPORT NUMBER: P627156 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	1345	1812	2472	3405	4945	6635	8323	9989	11411	12610	13651
-25°	1169	1497	2013	2771	3772	5232	6655	8061	9374	10489	11426
-27.5°	1030	1291	1635	2175	2935	3787	5033	6209	7338	8357	9241
-30°	904	1100	1369	1707	2223	2856	3606	4485	5385	6190	6993
-32.5°	814	953	1138	1389	1678	2131	2584	3176	3746	4332	4908
-35°	733	845	971	1138	1337	1601	1900	2261	2566	2950	3304
-37.5°	677	756	852	958	1100	1247	1450	1669	1858	2072	2252
-40°	631	693	758	829	927	1027	1157	1280	1400	1531	1628
-42.5°	592	642	689	744	802	882	969	1046	1119	1196	1259
-45°	562	599	637	680	723	781	843	901	948	991	1026
-47.5°	529	562	596	629	666	708	749	786	825	859	883
-50°	497	530	560	589	621	654	686	716	744	769	784
-52.5°	466	500	529	556	583	610	637	663	688	710	720
-55°	442	473	503	527	550	573	597	622	645	666	672
-57.5°	416	448	476	498	520	540	562	585	607	627	633
-60°	386	419	444	465	487	509	530	551	571	588	595
-62.5°	350	380	403	423	443	461	484	506	527	544	555
-65°	307	333	356	376	395	413	434	454	474	489	500
-67.5°	270	290	309	327	345	364	383	402	420	434	443
-70°	233	252	269	286	303	319	335	351	366	378	386
-72.5°	197	213	228	243	258	272	286	300	313	323	332
-75°	163	177	190	202	215	226	237	247	258	266	274
-77.5°	128	140	151	162	172	181	190	198	205	213	220
-80°	98	106	114	123	131	138	144	150	156	162	167
-82.5°	70	76	81	87	92	97	101	106	110	114	118
-85°	45	48	51	54	57	60	62	65	68	70	73
-87.5°	21	23	24	25	27	28	30	31	32	33	35
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627156 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	3	4	4	4	4	4	3	3	3	3	2
60°	11	11	11	11	11	11	11	12	11	14	15
57.5°	56	52	48	45	48	52	56	57	56	54	51
55°	121	128	131	130	131	128	121	114	108	105	103
52.5°	172	175	174	171	174	175	172	167	159	150	140
50°	235	235	233	230	233	235	235	231	222	207	189
47.5°	330	335	338	337	338	335	330	322	304	283	262
45°	424	428	430	430	430	428	424	415	392	362	330
42.5°	533	541	544	541	544	541	533	519	494	454	407
40°	755	765	760	749	760	765	755	726	677	610	551
37.5°	1144	1181	1196	1197	1196	1181	1144	1093	1020	888	795
35°	1973	2105	2166	2090	2166	2105	1973	1807	1623	1431	1202
32.5°	3295	3529	3661	3661	3661	3529	3295	2978	2589	2193	1796
30°	4906	5199	5364	5399	5364	5199	4906	4498	3958	3361	2680
27.5°	6577	6880	7037	7014	7037	6880	6577	6143	5587	4812	3945
25°	8254	8483	8615	8619	8615	8483	8254	7830	7190	6431	5412
22.5°	10730	11213	11412	11465	11412	11213	10730	10021	9390	8433	7289
20°	13430	13898	14200	14218	14200	13898	13430	12779	11817	10740	9332
17.5°	16002	16234	16277	16297	16277	16234	16002	15306	14325	13225	11436
15°	18427	18508	18723	18750	18723	18508	18427	17788	16692	15482	13756
12.5°	19579	19653	19616	19517	19616	19653	19579	19097	18330	17085	15394
10°	20206	20101	19945	19757	19945	20101	20206	19859	19295	18333	16695
7.5°	20348	20232	19956	19683	19956	20232	20348	20380	19994	19190	17622
5°	20416	20074	19726	19394	19726	20074	20416	20529	20314	19649	18329
2.5°	20376	19969	19491	19135	19491	19969	20376	20546	20475	19995	18868
0°	20506	20095	19594	19461	19594	20095	20506	20702	20665	20280	19209
-2.5°	20868	20535	20273	20202	20273	20535	20868	20979	20895	20377	19231
-5°	21519	21446	21002	21106	21002	21446	21519	21425	21079	20297	18890
-7.5°	22148	22044	21856	22099	21856	22044	22148	21872	21195	20094	18476
-10°	22316	22281	22369	22585	22369	22281	22316	21818	20874	19549	17806
-12.5°	21803	22071	22373	22599	22373	22071	21803	21132	20156	18523	16621
-15°	20660	21209	21659	21873	21659	21209	20660	19861	18644	17116	15239
-17.5°	18976	19650	20183	20336	20183	19650	18976	18073	16796	15361	13666
-20°	16903	17588	18074	18268	18074	17588	16903	15979	14760	13414	11900

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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14570	15239	15679	15911	15679	15239	14570	13651	12610	11411	9989
-25°	12202	12791	13181	13284	13181	12791	12202	11426	10489	9374	8061
-27.5°	9938	10411	10699	10731	10699	10411	9938	9241	8357	7338	6209
-30°	7661	8100	8349	8482	8349	8100	7661	6993	6190	5385	4485
-32.5°	5380	5729	5940	5995	5940	5729	5380	4908	4332	3746	3176
-35°	3587	3804	3938	3965	3938	3804	3587	3304	2950	2566	2261
-37.5°	2398	2504	2569	2601	2569	2504	2398	2252	2072	1858	1669
-40°	1699	1749	1777	1782	1777	1749	1699	1628	1531	1400	1280
-42.5°	1300	1325	1338	1341	1338	1325	1300	1259	1196	1119	1046
-45°	1050	1068	1078	1082	1078	1068	1050	1026	991	948	901
-47.5°	898	910	917	919	917	910	898	883	859	825	786
-50°	793	799	802	800	802	799	793	784	769	744	716
-52.5°	726	730	731	730	731	730	726	720	710	688	663
-55°	677	680	680	678	680	680	677	672	666	645	622
-57.5°	638	642	641	637	641	642	638	633	627	607	585
-60°	601	605	606	604	606	605	601	595	588	571	551
-62.5°	564	571	572	571	572	571	564	555	544	527	506
-65°	510	519	519	515	519	519	510	500	489	474	454
-67.5°	450	457	457	456	457	457	450	443	434	420	402
-70°	394	402	402	400	402	402	394	386	378	366	351
-72.5°	339	346	348	348	348	346	339	332	323	313	300
-75°	281	287	287	285	287	287	281	274	266	258	247
-77.5°	226	232	231	230	231	232	226	220	213	205	198
-80°	172	177	176	174	176	177	172	167	162	156	150
-82.5°	122	125	124	122	124	125	122	118	114	110	106
-85°	75	77	78	78	78	77	75	73	70	68	65
-87.5°	36	37	35	33	35	37	36	35	33	32	31
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627156 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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	1
62.5°	2	1	1	1	1	1	1	1	1	0	1
60°	13	9	12	12	9	7	10	9	4	3	3
57.5°	47	44	41	37	32	28	26	24	22	13	5
55°	103	92	80	72	67	57	48	41	38	31	21
52.5°	132	127	117	101	92	87	76	65	55	48	38
50°	174	170	160	145	131	120	111	95	81	69	57
47.5°	243	227	216	203	178	158	145	132	112	96	81
45°	305	284	266	248	226	200	178	160	142	122	107
42.5°	379	343	311	292	266	240	214	192	168	147	129
40°	493	431	391	352	320	282	257	230	201	172	153
37.5°	681	569	509	451	400	348	309	275	240	206	180
35°	981	818	674	582	505	431	370	326	285	246	209
32.5°	1389	1144	914	758	622	519	442	383	326	283	245
30°	2051	1589	1224	969	782	624	512	436	370	317	278
27.5°	3071	2218	1684	1249	969	765	606	490	411	351	307
25°	4342	3198	2312	1684	1221	932	719	567	460	383	338
22.5°	5942	4573	3342	2202	1612	1202	883	645	513	437	378
20°	7915	6152	4613	3272	2203	1516	1085	781	607	501	421
17.5°	9856	8041	5988	4386	3028	2058	1371	953	698	566	466
15°	11820	9680	7504	5627	3895	2512	1629	1120	803	639	518
12.5°	13322	11097	8675	6621	4584	2994	1954	1333	935	699	556
10°	14538	12233	9702	7403	5272	3489	2246	1492	1029	748	588
7.5°	15481	13046	10499	8072	5830	3899	2482	1617	1104	791	614
5°	16233	13748	11141	8620	6266	4204	2664	1713	1158	827	634
2.5°	16803	14266	11575	8981	6560	4416	2801	1794	1203	862	653
0°	17112	14451	11946	9208	6751	4565	2894	1856	1234	889	667
-2.5°	17161	14535	11904	9126	6743	4511	2872	1844	1238	898	677
-5°	16705	14200	11565	8892	6519	4384	2814	1806	1229	897	681
-7.5°	16208	13654	11017	8446	6137	4165	2701	1744	1208	888	679
-10°	15453	12928	10415	7881	5648	3844	2509	1651	1168	867	670
-12.5°	14366	11975	9628	7082	5051	3410	2247	1532	1108	833	655
-15°	13026	10817	8507	6289	4432	2957	1976	1384	1029	789	634
-17.5°	11634	9479	7286	5340	3714	2560	1783	1278	959	748	609
-20°	10092	8027	6111	4397	3030	2116	1539	1149	892	714	590

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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8323	6635	4945	3405	2472	1812	1345	1024	816	671	566
-25°	6655	5232	3772	2771	2013	1497	1169	934	761	632	541
-27.5°	5033	3787	2935	2175	1635	1291	1030	838	700	600	521
-30°	3606	2856	2223	1707	1369	1100	904	765	654	567	498
-32.5°	2584	2131	1678	1389	1138	953	814	698	611	539	480
-35°	1900	1601	1337	1138	971	845	733	649	575	511	462
-37.5°	1450	1247	1100	958	852	756	677	607	539	489	443
-40°	1157	1027	927	829	758	693	631	569	517	467	425
-42.5°	969	882	802	744	689	642	592	543	494	448	406
-45°	843	781	723	680	637	599	562	517	472	428	387
-47.5°	749	708	666	629	596	562	529	490	447	406	370
-50°	686	654	621	589	560	530	497	459	421	386	351
-52.5°	637	610	583	556	529	500	466	433	399	365	329
-55°	597	573	550	527	503	473	442	409	374	341	306
-57.5°	562	540	520	498	476	448	416	382	349	316	282
-60°	530	509	487	465	444	419	386	354	324	292	261
-62.5°	484	461	443	423	403	380	350	321	294	267	237
-65°	434	413	395	376	356	333	307	284	261	237	210
-67.5°	383	364	345	327	309	290	270	249	227	204	179
-70°	335	319	303	286	269	252	233	212	191	171	151
-72.5°	286	272	258	243	228	213	197	179	161	143	125
-75°	237	226	215	202	190	177	163	147	132	118	104
-77.5°	190	181	172	162	151	140	128	116	105	94	82
-80°	144	138	131	123	114	106	98	88	79	70	61
-82.5°	101	97	92	87	81	76	70	63	57	50	44
-85°	62	60	57	54	51	48	45	40	36	32	28
-87.5°	30	28	27	25	24	23	21	19	17	15	13
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627156 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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	1	1	1	0	0	1	0	0
65°	1	1	0	1	2	2	2	1	1	1	0
62.5°	2	3	2	2	2	3	3	2	2	2	1
60°	2	3	4	3	3	3	4	3	3	3	2
57.5°	5	4	4	4	3	3	4	4	3	3	3
55°	10	6	6	5	4	4	4	4	4	3	4
52.5°	26	14	9	7	6	4	4	4	4	4	4
50°	43	29	16	10	8	6	5	4	4	4	4
47.5°	63	46	30	16	11	8	6	5	4	4	4
45°	88	66	46	29	16	12	8	6	5	4	5
42.5°	114	90	65	41	27	18	9	7	6	4	5
40°	136	115	86	60	39	25	15	9	7	5	5
37.5°	159	138	110	79	52	36	23	10	8	6	5
35°	183	160	134	99	69	45	31	14	10	7	5
32.5°	207	181	153	120	86	55	39	22	13	9	6
30°	236	200	170	140	102	69	48	30	16	10	6
27.5°	266	218	187	156	119	83	56	37	20	12	7
25°	294	242	203	171	135	98	66	43	25	15	9
22.5°	323	267	218	185	151	112	77	51	30	18	10
20°	354	292	233	201	165	126	90	59	35	21	11
17.5°	388	318	258	217	178	138	101	67	40	24	12
15°	421	344	281	234	191	149	111	75	44	27	14
12.5°	451	368	302	250	204	159	121	83	48	31	16
10°	476	390	320	265	216	168	129	90	53	33	19
7.5°	498	408	336	280	227	177	136	96	60	36	22
5°	516	423	348	291	237	188	142	101	66	38	25
2.5°	531	435	356	300	245	198	148	105	72	39	27
0°	541	445	363	308	252	207	152	107	78	41	30
-2.5°	546	451	373	313	261	212	157	113	81	46	31
-5°	547	455	382	318	268	215	162	118	84	51	32
-7.5°	548	457	386	321	273	218	165	122	87	55	32
-10°	545	456	387	325	275	220	168	126	89	59	33
-12.5°	538	454	387	327	276	222	171	128	91	61	33
-15°	526	449	385	327	275	223	174	129	92	62	34
-17.5°	511	442	382	324	274	224	175	129	92	62	35
-20°	500	434	378	319	272	223	174	127	92	61	36

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CATALOG NUMBER: GFLD-SA3C-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°
-22.5°	488	426	370	314	270	221	173	124	90	60	37
-25°	472	417	362	311	267	219	169	120	88	59	38
-27.5°	458	406	353	307	261	214	163	117	86	57	37
-30°	445	395	346	300	254	208	155	113	84	57	37
-32.5°	431	384	337	291	246	201	147	109	81	56	36
-35°	416	371	325	280	238	192	142	103	79	54	35
-37.5°	400	357	312	269	230	183	138	102	76	52	34
-40°	384	342	298	260	220	174	134	100	73	49	33
-42.5°	366	326	287	250	209	167	128	97	69	46	31
-45°	350	311	274	237	199	159	123	92	65	44	30
-47.5°	333	296	259	222	188	150	116	86	60	42	29
-50°	314	277	240	207	175	140	107	80	57	40	28
-52.5°	292	254	223	193	161	128	99	73	54	38	26
-55°	268	235	207	178	146	116	89	68	51	37	25
-57.5°	250	219	191	162	132	105	82	64	48	34	24
-60°	231	202	174	145	117	94	75	58	44	32	22
-62.5°	209	182	153	126	104	84	68	54	40	30	21
-65°	183	157	131	110	91	75	62	48	37	27	19
-67.5°	155	133	112	93	79	66	55	43	32	24	17
-70°	131	111	94	80	68	57	47	37	28	21	15
-72.5°	110	94	80	67	58	48	39	31	24	18	13
-75°	91	78	66	56	47	39	32	25	20	15	12
-77.5°	72	62	52	45	38	31	25	20	16	13	10
-80°	54	47	41	34	29	24	19	16	13	11	9
-82.5°	38	34	29	25	22	18	15	13	11	9	7
-85°	25	22	19	17	15	13	11	9	8	6	5
-87.5°	12	11	10	8	7	6	6	5	4	3	3
-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: P627156 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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	1	0	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	0	1	1	1	0	0	0
62.5°	1	1	2	1	0	0	0
60°	1	2	2	2	0	0	0
57.5°	1	2	2	2	0	0	0
55°	2	2	3	2	1	0	0
52.5°	3	2	3	3	1	0	0
50°	3	2	3	3	1	0	0
47.5°	4	3	3	3	1	0	0
45°	4	3	3	4	2	0	0
42.5°	4	3	3	4	2	0	0
40°	5	3	3	4	2	0	0
37.5°	5	4	3	4	2	0	0
35°	6	4	3	4	2	0	0
32.5°	6	4	4	4	3	0	0
30°	6	5	4	4	3	0	0
27.5°	7	5	4	4	3	0	0
25°	7	6	4	4	3	0	0
22.5°	7	6	4	4	3	0	0
20°	7	6	4	4	3	0	0
17.5°	8	7	4	4	3	0	0
15°	8	7	4	4	3	0	0
12.5°	8	7	4	4	4	0	0
10°	9	7	4	4	4	0	0
7.5°	10	7	4	4	4	0	0
5°	10	7	4	4	4	0	0
2.5°	11	7	4	4	4	0	0
0°	11	7	4	4	4	0	0
-2.5°	13	8	4	4	4	0	0
-5°	15	8	4	4	4	0	0
-7.5°	17	8	5	4	4	0	0
-10°	18	9	5	4	4	0	0
-12.5°	19	9	5	4	4	0	0
-15°	20	9	5	4	4	0	0
-17.5°	21	9	6	4	3	1	0
-20°	21	9	6	4	3	1	0

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CATALOG NUMBER: GFLD-SA3C-735-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21	10	6	4	3	1	0
-25°	21	10	6	4	3	1	0
-27.5°	21	11	6	4	3	1	0
-30°	21	11	5	4	3	1	0
-32.5°	20	12	6	4	3	1	0
-35°	20	12	6	4	3	1	0
-37.5°	20	12	6	4	3	1	0
-40°	20	12	6	4	3	1	0
-42.5°	20	12	6	4	3	1	0
-45°	20	12	7	4	3	1	0
-47.5°	19	12	7	4	3	1	0
-50°	19	12	7	4	3	1	0
-52.5°	18	11	7	4	3	1	0
-55°	17	11	7	4	3	1	0
-57.5°	16	11	7	4	3	1	0
-60°	15	10	6	5	3	1	0
-62.5°	15	10	6	5	3	1	0
-65°	13	9	6	5	3	1	0
-67.5°	12	8	6	5	3	1	0
-70°	11	8	6	4	2	1	0
-72.5°	10	8	6	4	2	1	0
-75°	9	7	5	4	2	0	0
-77.5°	8	7	5	3	2	0	0
-80°	7	6	4	2	1	0	0
-82.5°	6	4	3	2	1	0	0
-85°	4	3	2	1	1	0	0
-87.5°	2	1	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)