

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: P627036 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-735-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627036 (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-SA2E-735-U-MWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14305.7 lumens
Efficiency: N/A
Efficacy: 113.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 20042.1 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 9581.9 lumens
Beam Efficiency: 67.0%

Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 12901.3 lumens
Field Efficiency: 90.2%

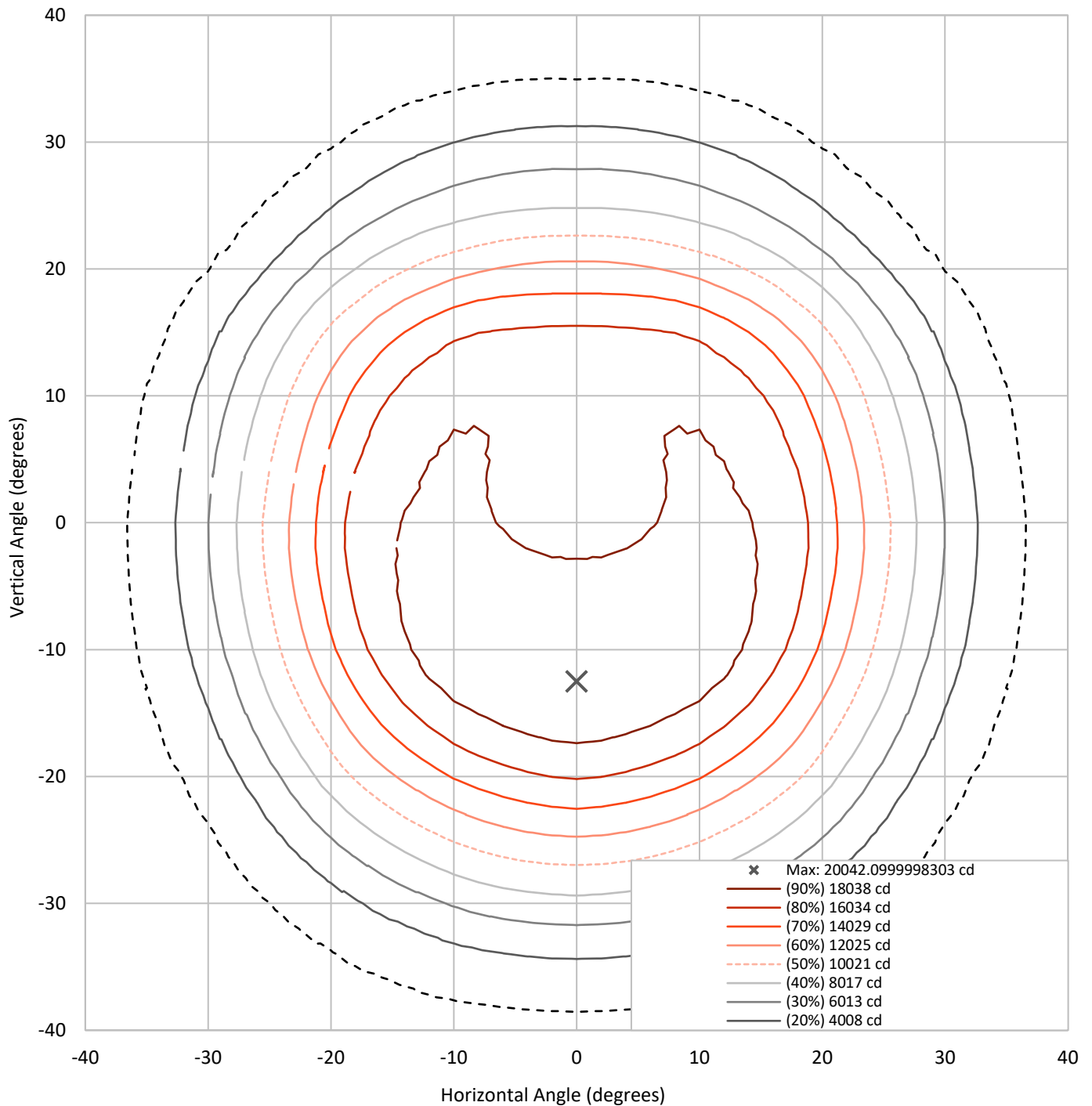
Input Watts (W): 125.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627036 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-MWR-VSR-XX

Iso-Candela Plot





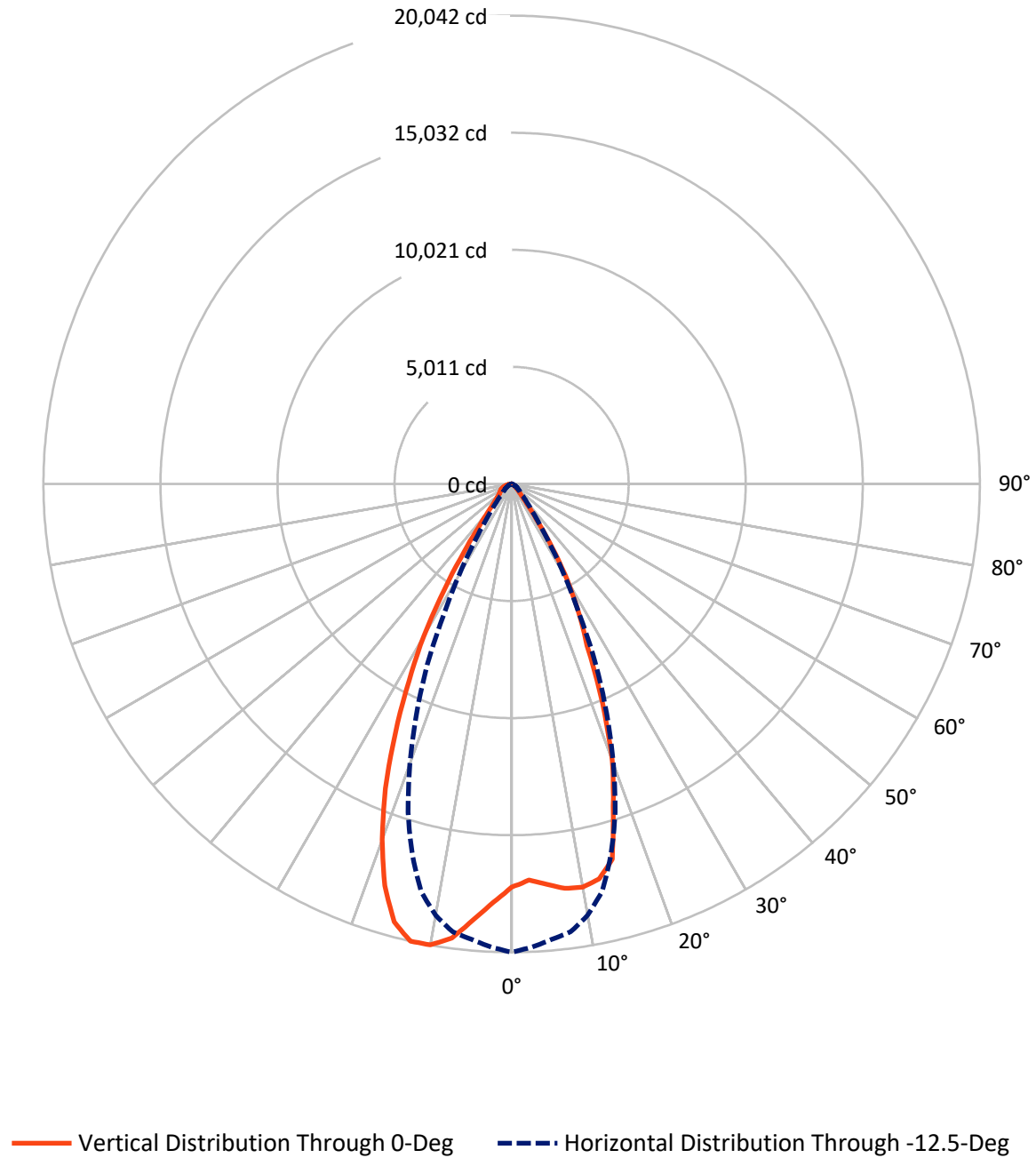
REPORT NUMBER: P627036 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.5	1.2	2.0	2.7	3.2	3.2	2.7	2.0	1.2	0.5	0.1		0.0			
40	0.1	0.1	0.6	2.0	4.0	6.6	9.8	12.0	12.0	9.8	6.6	4.0	2.0	0.6	0.1	0.1			
30		0.3	1.6	4.1	8.6	18.6	42.2	64.5	64.5	42.2	18.6	8.6	4.1	1.6	0.3				
20	0.2	0.6	2.7	6.7	18.0	66.5	171.2	239.4	239.4	171.2	66.5	18.0	6.7	2.7	0.6	0.2			
10		0.9	3.7	10.3	42.7	184.7	385.3	477.0	477.0	385.3	184.7	42.7	10.3	3.7	0.9				
0	0.3	1.2	4.6	13.3	68.0	271.9	496.7	538.5	538.5	496.7	271.9	68.0	13.3	4.6	1.2	0.3			
-10		1.5	5.1	14.3	71.2	280.9	514.6	571.6	571.6	514.6	280.9	71.2	14.3	5.1	1.5				
-20	0.4	1.6	5.2	13.0	50.9	209.1	434.1	554.3	554.3	434.1	209.1	50.9	13.0	5.2	1.6	0.4			
-30		1.5	4.9	10.8	28.5	101.5	241.9	340.4	340.4	241.9	101.5	28.5	10.8	4.9	1.5				
-40	0.4	1.3	4.4	8.9	17.0	36.1	75.6	112.2	112.2	75.6	36.1	17.0	8.9	4.4	1.3	0.4			
-50		1.1	3.7	7.5	12.4	18.3	25.8	30.6	30.6	25.8	18.3	12.4	7.5	3.7	1.1				
-60	0.3	0.8	2.8	5.9	9.8	13.5	16.9	18.4	18.4	16.9	13.5	9.8	5.9	2.8	0.8	0.3			
-70		0.6	1.8	4.0	6.8	9.7	12.2	13.7	13.7	12.2	9.7	6.8	4.0	1.8	0.6				
-80	0.1	1.6	7.2	15.3	19.7	15.3	7.2	1.6	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

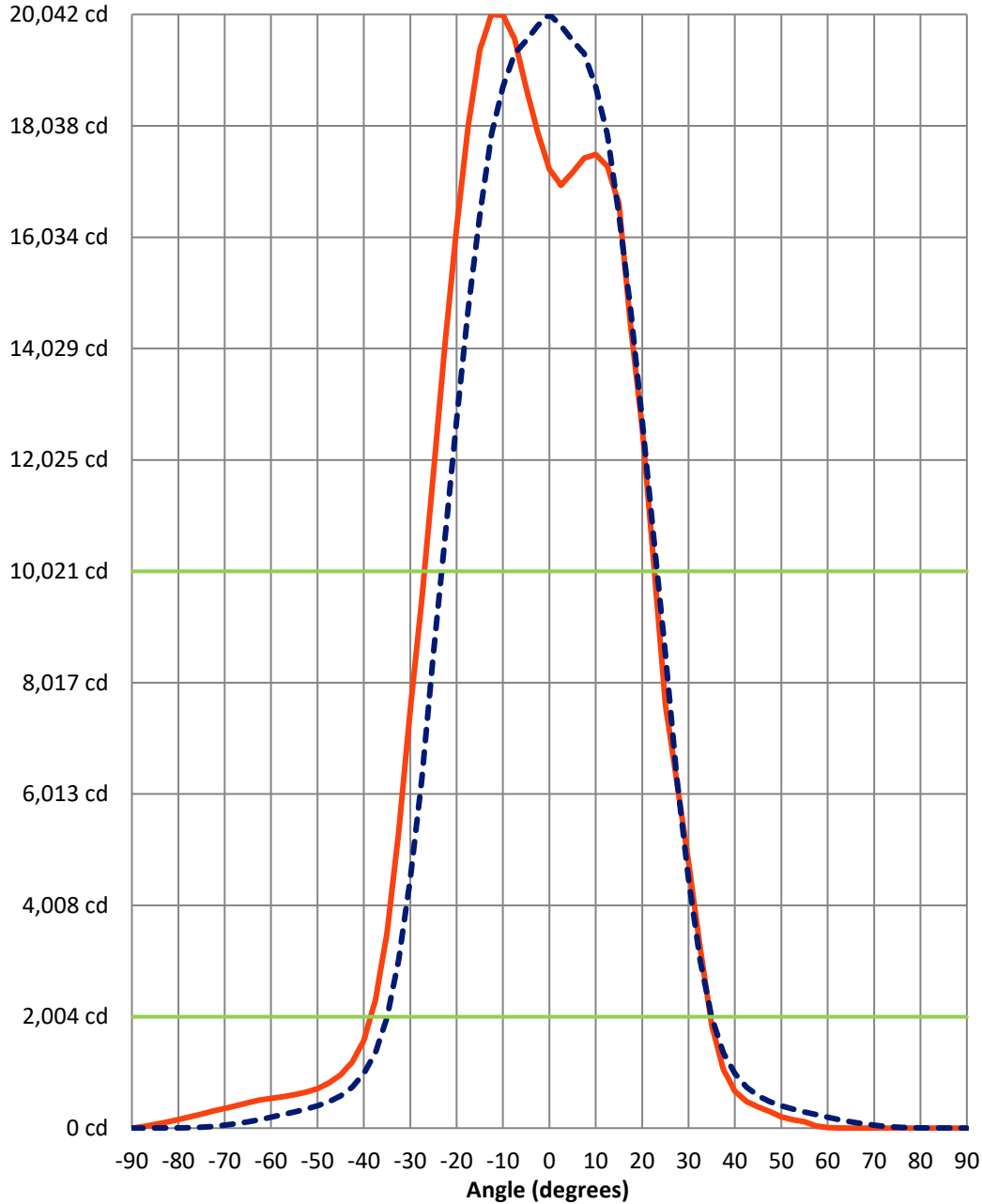
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 9581.9
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 12901.3
 Efficiency: 90.2%

Spill:
 Lumens: 1404.5
 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	1	1	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	0	0
65°	0	0	0	1	1	1	0	0	1	1	1
62.5°	0	0	0	1	2	1	1	1	1	2	2
60°	0	0	0	1	2	1	1	1	2	2	3
57.5°	0	0	0	2	2	1	1	2	3	3	3
55°	0	0	0	2	2	2	2	3	3	3	3
52.5°	0	0	1	2	2	2	2	3	3	3	3
50°	0	0	1	3	2	2	3	4	3	3	4
47.5°	0	0	1	3	3	2	3	4	3	3	5
45°	0	0	1	3	3	3	4	4	3	4	5
42.5°	0	0	2	3	3	3	4	4	4	5	7
40°	0	0	2	3	3	3	4	4	4	6	8
37.5°	0	0	2	3	3	3	5	5	5	7	9
35°	0	0	2	3	3	4	5	5	7	9	12
32.5°	0	0	2	3	3	4	6	5	8	12	20
30°	0	0	2	3	3	4	6	5	9	14	26
27.5°	0	0	3	3	3	5	6	7	11	18	33
25°	0	0	3	3	3	5	6	8	13	22	38
22.5°	0	0	3	3	3	5	6	9	16	27	45
20°	0	0	3	3	3	6	7	10	19	31	52
17.5°	0	0	3	3	3	6	7	11	21	35	59
15°	0	0	3	3	3	6	7	12	24	39	66
12.5°	0	0	3	3	3	6	8	15	27	42	73
10°	0	0	3	3	3	6	8	17	30	47	80
7.5°	0	0	3	3	3	6	8	19	32	53	85
5°	0	0	3	3	3	7	9	22	33	59	89
2.5°	0	0	3	3	3	7	9	24	35	64	93
0°	0	0	3	3	3	7	10	26	36	69	95
-2.5°	0	0	3	3	4	7	12	27	41	72	100
-5°	0	0	3	3	4	7	13	28	45	75	105
-7.5°	0	0	3	3	4	8	15	29	49	77	108
-10°	0	0	3	3	4	8	16	29	52	79	111
-12.5°	0	0	3	3	5	8	17	30	54	81	113
-15°	0	0	3	3	5	8	18	30	55	81	115
-17.5°	0	0	3	3	5	8	18	31	55	82	114
-20°	0	1	3	3	5	8	19	32	54	81	113

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REPORT NUMBER: P627036 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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	3	5	9	19	33	53	80	110
-25°	0	1	3	3	5	9	19	33	52	78	106
-27.5°	0	1	3	3	5	10	19	33	51	76	104
-30°	0	1	3	3	5	10	18	33	50	74	100
-32.5°	0	1	3	3	5	10	18	32	50	72	96
-35°	0	1	3	3	5	11	18	31	48	70	92
-37.5°	0	1	3	3	5	11	18	30	46	67	90
-40°	0	1	3	3	5	11	18	29	43	65	89
-42.5°	0	1	3	3	6	11	18	28	41	61	86
-45°	0	1	3	4	6	11	18	27	39	57	82
-47.5°	0	1	3	4	6	11	17	26	37	53	77
-50°	0	1	3	4	6	10	16	25	36	51	71
-52.5°	0	1	3	4	6	10	16	23	34	48	65
-55°	0	1	3	4	6	10	15	22	32	45	61
-57.5°	0	1	3	4	6	9	15	21	30	42	56
-60°	0	1	3	4	6	9	14	20	28	39	52
-62.5°	0	1	3	4	6	9	13	19	26	36	48
-65°	0	1	3	4	6	8	12	17	24	32	43
-67.5°	0	1	2	4	5	7	11	15	21	29	38
-70°	0	1	2	4	5	7	10	14	19	25	33
-72.5°	0	0	2	4	5	7	9	12	16	21	27
-75°	0	0	2	3	5	6	8	10	13	17	22
-77.5°	0	0	1	3	4	6	7	9	11	14	17
-80°	0	0	1	2	3	5	7	8	10	12	14
-82.5°	0	0	1	2	3	4	5	7	8	10	12
-85°	0	0	1	1	2	2	3	4	6	7	8
-87.5°	0	0	0	1	1	1	2	2	3	3	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627036 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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	1	2	2	2	1	0	1	1
60°	3	3	2	3	3	3	2	2	3	3	8
57.5°	3	3	3	4	4	3	4	5	12	20	22
55°	3	3	4	4	5	6	9	18	27	34	37
52.5°	4	4	5	6	8	12	23	33	42	49	58
50°	4	5	7	9	14	26	38	50	62	72	85
47.5°	6	7	10	14	27	41	56	71	85	99	117
45°	7	11	14	25	41	59	78	95	109	126	142
42.5°	8	16	24	36	58	79	101	115	130	149	170
40°	14	22	34	53	76	102	121	136	152	178	204
37.5°	20	32	46	70	98	123	141	159	183	213	244
35°	27	40	61	88	119	142	162	185	218	252	289
32.5°	35	48	76	106	135	160	183	217	251	289	340
30°	42	61	91	124	151	177	209	247	281	328	387
27.5°	50	74	106	138	166	193	236	272	311	364	435
25°	59	87	120	151	180	215	261	300	340	408	503
22.5°	69	100	134	164	194	237	287	335	387	455	572
20°	80	112	146	178	207	259	314	373	445	538	692
17.5°	90	123	158	193	229	282	344	414	502	619	845
15°	99	132	170	207	249	305	374	459	567	712	993
12.5°	107	141	181	222	268	327	400	493	620	829	1182
10°	115	149	192	235	284	346	423	522	663	913	1324
7.5°	121	157	202	248	298	362	442	545	701	979	1434
5°	126	167	210	258	309	375	458	562	733	1027	1519
2.5°	131	176	218	266	316	386	471	579	764	1067	1591
0°	135	184	223	273	322	394	480	591	789	1094	1646
-2.5°	139	188	231	278	331	400	484	600	797	1098	1635
-5°	143	191	238	282	338	403	485	604	795	1090	1601
-7.5°	146	193	242	285	342	405	486	602	787	1071	1547
-10°	149	195	244	289	343	405	483	594	768	1036	1464
-12.5°	152	197	244	290	343	402	477	581	739	983	1358
-15°	154	198	244	290	341	398	467	562	700	912	1227
-17.5°	155	198	243	288	339	392	453	540	664	850	1133
-20°	155	198	242	283	335	385	444	523	633	791	1019

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CATALOG NUMBER: GFLD-SA2E-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°	153	196	239	279	328	378	433	502	595	724	908
-25°	150	194	236	276	321	370	419	480	560	675	828
-27.5°	145	190	232	272	313	360	406	462	532	620	743
-30°	138	184	225	266	306	351	394	441	503	580	679
-32.5°	131	178	218	258	298	340	382	425	478	542	619
-35°	126	170	211	248	289	329	369	409	453	510	576
-37.5°	123	162	204	239	277	316	355	393	433	478	538
-40°	119	154	195	230	265	303	340	377	414	458	504
-42.5°	114	148	186	222	254	289	325	360	397	438	481
-45°	109	141	177	210	243	276	310	343	380	418	458
-47.5°	103	133	167	197	229	262	295	328	360	396	435
-50°	95	124	155	184	213	245	278	311	343	373	407
-52.5°	88	113	143	171	197	225	259	292	323	354	384
-55°	79	103	130	158	184	208	237	271	302	332	363
-57.5°	73	93	117	143	169	195	221	250	281	310	339
-60°	67	83	104	128	154	179	205	232	259	287	314
-62.5°	61	75	92	112	136	161	185	210	237	260	284
-65°	55	66	80	97	116	139	162	186	210	231	252
-67.5°	48	59	70	83	99	118	137	159	181	201	221
-70°	42	51	60	71	83	99	116	134	151	170	188
-72.5°	35	43	51	60	71	84	97	111	127	143	158
-75°	28	35	42	50	59	69	80	92	105	117	130
-77.5°	22	28	34	39	46	55	64	73	83	93	103
-80°	17	21	26	31	36	42	48	54	62	70	78
-82.5°	14	16	19	22	26	30	34	39	44	50	56
-85°	10	11	13	15	17	19	22	24	28	32	36
-87.5°	5	6	7	8	8	9	11	12	13	15	17
-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	2	2	3
60°	9	6	8	11	10	8	12	13	12	10	10
57.5°	23	25	28	33	37	39	42	45	48	49	51
55°	42	51	59	64	71	81	91	92	93	96	101
52.5°	68	77	82	90	104	113	117	125	133	141	148
50°	98	106	116	129	142	151	154	167	184	197	205
47.5°	129	140	158	180	192	201	215	232	251	270	285
45°	158	178	201	220	236	252	271	292	321	348	368
42.5°	190	213	236	259	275	304	336	361	402	438	461
40°	228	250	284	312	346	382	438	489	541	600	644
37.5°	274	308	355	400	452	504	604	705	788	904	969
35°	329	382	448	516	598	725	870	1066	1269	1439	1603
32.5°	392	460	551	672	810	1014	1232	1593	1945	2296	2641
30°	454	553	693	859	1086	1409	1819	2377	2981	3510	3989
27.5°	537	678	859	1107	1493	1967	2724	3498	4268	4955	5448
25°	637	826	1083	1494	2051	2836	3850	4800	5703	6376	6944
22.5°	783	1066	1430	1953	2964	4056	5270	6465	7479	8328	8887
20°	962	1345	1954	2902	4091	5456	7019	8276	9525	10480	11333
17.5°	1216	1825	2686	3890	5311	7131	8740	10142	11728	12704	13574
15°	1444	2228	3454	4990	6655	8585	10483	12199	13730	14803	15775
12.5°	1733	2655	4065	5872	7693	9841	11814	13652	15152	16255	16936
10°	1992	3094	4675	6565	8604	10848	12893	14806	16258	17111	17612
7.5°	2201	3458	5170	7158	9311	11570	13730	15628	17018	17732	18074
5°	2363	3728	5557	7645	9880	12192	14396	16255	17425	18015	18206
2.5°	2484	3916	5818	7965	10265	12651	14902	16733	17732	18158	18221
0°	2566	4048	5987	8166	10594	12816	15175	17035	17985	18327	18360
-2.5°	2547	4001	5980	8093	10557	12890	15219	17055	18071	18530	18605
-5°	2495	3888	5782	7886	10256	12593	14815	16753	18000	18693	19001
-7.5°	2395	3694	5443	7490	9770	12109	14374	16385	17820	18796	19397
-10°	2225	3409	5009	6990	9236	11465	13705	15792	17337	18512	19349
-12.5°	1992	3024	4480	6281	8539	10620	12740	14740	16427	17875	18740
-15°	1753	2622	3930	5578	7544	9593	11552	13514	15179	16534	17613
-17.5°	1581	2271	3293	4735	6462	8406	10317	12120	13622	14896	16027
-20°	1365	1877	2687	3899	5419	7119	8950	10554	11896	13090	14171

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REPORT NUMBER: P627036 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	1193	1607	2192	3020	4385	5884	7382	8859	10120	11183	12106
-25°	1037	1328	1785	2457	3345	4640	5902	7149	8314	9302	10133
-27.5°	914	1145	1450	1929	2603	3358	4464	5506	6508	7411	8195
-30°	802	976	1214	1514	1972	2533	3198	3977	4776	5489	6201
-32.5°	722	845	1009	1232	1488	1890	2292	2816	3322	3842	4353
-35°	650	749	861	1009	1186	1420	1685	2005	2276	2616	2930
-37.5°	601	671	756	849	976	1106	1286	1480	1648	1837	1997
-40°	560	615	672	736	822	910	1026	1136	1242	1357	1444
-42.5°	525	569	611	660	711	782	860	928	992	1060	1117
-45°	498	531	565	603	642	693	748	799	841	879	910
-47.5°	469	499	528	558	591	628	664	697	732	761	783
-50°	441	470	497	522	551	580	609	635	660	682	695
-52.5°	413	443	470	493	517	541	565	588	610	629	638
-55°	392	420	446	467	488	508	529	551	572	590	596
-57.5°	369	397	423	442	461	479	499	519	539	556	562
-60°	342	372	394	412	432	452	470	488	506	522	528
-62.5°	310	337	357	376	393	409	429	449	467	483	492
-65°	272	295	315	334	350	366	385	403	420	433	443
-67.5°	239	257	274	290	306	323	340	357	373	385	392
-70°	206	223	239	254	268	283	297	311	325	335	343
-72.5°	174	189	202	216	229	242	254	266	278	287	294
-75°	144	157	168	179	191	201	210	219	229	236	243
-77.5°	114	124	134	143	153	161	168	175	182	189	195
-80°	87	94	101	109	116	122	128	133	138	143	148
-82.5°	62	67	72	77	82	86	90	94	98	101	105
-85°	40	42	45	48	50	53	55	58	60	62	65
-87.5°	19	20	21	23	24	25	26	27	29	30	31
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627036 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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	3	3	3	3	3	3	3	2	2	2
60°	10	10	10	10	10	10	10	10	10	12	13
57.5°	49	46	43	39	43	46	49	51	49	48	45
55°	107	113	116	115	116	113	107	101	96	93	92
52.5°	153	155	155	151	155	155	153	148	141	133	125
50°	208	209	207	204	207	209	208	205	197	184	167
47.5°	293	297	299	299	299	297	293	285	270	251	232
45°	376	380	382	381	382	380	376	368	348	321	292
42.5°	473	480	482	480	482	480	473	461	438	402	361
40°	670	678	674	664	674	678	670	644	600	541	489
37.5°	1014	1047	1061	1061	1061	1047	1014	969	904	788	705
35°	1750	1867	1921	1853	1921	1867	1750	1603	1439	1269	1066
32.5°	2922	3130	3247	3247	3247	3130	2922	2641	2296	1945	1593
30°	4351	4611	4757	4788	4757	4611	4351	3989	3510	2981	2377
27.5°	5833	6101	6241	6221	6241	6101	5833	5448	4955	4268	3498
25°	7320	7523	7640	7644	7640	7523	7320	6944	6376	5703	4800
22.5°	9516	9944	10120	10167	10120	9944	9516	8887	8328	7479	6465
20°	11910	12325	12593	12609	12593	12325	11910	11333	10480	9525	8276
17.5°	14191	14397	14435	14452	14435	14397	14191	13574	12704	11728	10142
15°	16342	16414	16604	16628	16604	16414	16342	15775	14803	13730	12199
12.5°	17363	17429	17396	17308	17396	17429	17363	16936	16255	15152	13652
10°	17920	17826	17688	17522	17688	17826	17920	17612	17111	16258	14806
7.5°	18046	17942	17698	17456	17698	17942	18046	18074	17732	17018	15628
5°	18106	17802	17494	17200	17494	17802	18106	18206	18015	17425	16255
2.5°	18070	17709	17286	16970	17286	17709	18070	18221	18158	17732	16733
0°	18185	17821	17377	17259	17377	17821	18185	18360	18327	17985	17035
-2.5°	18506	18211	17979	17916	17979	18211	18506	18605	18530	18071	17055
-5°	19084	19019	18625	18718	18625	19019	19084	19001	18693	18000	16753
-7.5°	19642	19549	19383	19598	19383	19549	19642	19397	18796	17820	16385
-10°	19790	19760	19838	20029	19838	19760	19790	19349	18512	17337	15792
-12.5°	19336	19574	19841	20042	19841	19574	19336	18740	17875	16427	14740
-15°	18322	18809	19208	19398	19208	18809	18322	17613	16534	15179	13514
-17.5°	16829	17426	17899	18034	17899	17426	16829	16027	14896	13622	12120
-20°	14990	15598	16029	16201	16029	15598	14990	14171	13090	11896	10554

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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°	12921	13515	13905	14111	13905	13515	12921	12106	11183	10120	8859
-25°	10822	11343	11690	11781	11690	11343	10822	10133	9302	8314	7149
-27.5°	8814	9233	9488	9517	9488	9233	8814	8195	7411	6508	5506
-30°	6794	7183	7405	7522	7405	7183	6794	6201	5489	4776	3977
-32.5°	4771	5080	5268	5317	5268	5080	4771	4353	3842	3322	2816
-35°	3181	3374	3492	3516	3492	3374	3181	2930	2616	2276	2005
-37.5°	2127	2221	2279	2307	2279	2221	2127	1997	1837	1648	1480
-40°	1507	1551	1576	1581	1576	1551	1507	1444	1357	1242	1136
-42.5°	1153	1175	1187	1190	1187	1175	1153	1117	1060	992	928
-45°	931	947	956	960	956	947	931	910	879	841	799
-47.5°	797	807	813	815	813	807	797	783	761	732	697
-50°	703	709	711	710	711	709	703	695	682	660	635
-52.5°	644	648	649	647	649	648	644	638	629	610	588
-55°	600	603	603	601	603	603	600	596	590	572	551
-57.5°	566	570	569	565	569	570	566	562	556	539	519
-60°	533	537	537	536	537	537	533	528	522	506	488
-62.5°	500	506	507	506	507	506	500	492	483	467	449
-65°	452	460	460	457	460	460	452	443	433	420	403
-67.5°	399	405	406	404	406	405	399	392	385	373	357
-70°	350	356	356	355	356	356	350	343	335	325	311
-72.5°	301	307	309	309	309	307	301	294	287	278	266
-75°	249	255	254	253	254	255	249	243	236	229	219
-77.5°	201	206	205	204	205	206	201	195	189	182	175
-80°	153	157	156	154	156	157	153	148	143	138	133
-82.5°	108	111	110	108	110	111	108	105	101	98	94
-85°	67	69	69	69	69	69	67	65	62	60	58
-87.5°	32	33	31	30	31	33	32	31	30	29	27
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627036 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	12	8	10	11	8	6	9	8	3	3	2
57.5°	42	39	37	33	28	25	23	22	20	12	5
55°	91	81	71	64	59	51	42	37	34	27	18
52.5°	117	113	104	90	82	77	68	58	49	42	33
50°	154	151	142	129	116	106	98	85	72	62	50
47.5°	215	201	192	180	158	140	129	117	99	85	71
45°	271	252	236	220	201	178	158	142	126	109	95
42.5°	336	304	275	259	236	213	190	170	149	130	115
40°	438	382	346	312	284	250	228	204	178	152	136
37.5°	604	504	452	400	355	308	274	244	213	183	159
35°	870	725	598	516	448	382	329	289	252	218	185
32.5°	1232	1014	810	672	551	460	392	340	289	251	217
30°	1819	1409	1086	859	693	553	454	387	328	281	247
27.5°	2724	1967	1493	1107	859	678	537	435	364	311	272
25°	3850	2836	2051	1494	1083	826	637	503	408	340	300
22.5°	5270	4056	2964	1953	1430	1066	783	572	455	387	335
20°	7019	5456	4091	2902	1954	1345	962	692	538	445	373
17.5°	8740	7131	5311	3890	2686	1825	1216	845	619	502	414
15°	10483	8585	6655	4990	3454	2228	1444	993	712	567	459
12.5°	11814	9841	7693	5872	4065	2655	1733	1182	829	620	493
10°	12893	10848	8604	6565	4675	3094	1992	1324	913	663	522
7.5°	13730	11570	9311	7158	5170	3458	2201	1434	979	701	545
5°	14396	12192	9880	7645	5557	3728	2363	1519	1027	733	562
2.5°	14902	12651	10265	7965	5818	3916	2484	1591	1067	764	579
0°	15175	12816	10594	8166	5987	4048	2566	1646	1094	789	591
-2.5°	15219	12890	10557	8093	5980	4001	2547	1635	1098	797	600
-5°	14815	12593	10256	7886	5782	3888	2495	1601	1090	795	604
-7.5°	14374	12109	9770	7490	5443	3694	2395	1547	1071	787	602
-10°	13705	11465	9236	6990	5009	3409	2225	1464	1036	768	594
-12.5°	12740	10620	8539	6281	4480	3024	1992	1358	983	739	581
-15°	11552	9593	7544	5578	3930	2622	1753	1227	912	700	562
-17.5°	10317	8406	6462	4735	3293	2271	1581	1133	850	664	540
-20°	8950	7119	5419	3899	2687	1877	1365	1019	791	633	523

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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°	7382	5884	4385	3020	2192	1607	1193	908	724	595	502
-25°	5902	4640	3345	2457	1785	1328	1037	828	675	560	480
-27.5°	4464	3358	2603	1929	1450	1145	914	743	620	532	462
-30°	3198	2533	1972	1514	1214	976	802	679	580	503	441
-32.5°	2292	1890	1488	1232	1009	845	722	619	542	478	425
-35°	1685	1420	1186	1009	861	749	650	576	510	453	409
-37.5°	1286	1106	976	849	756	671	601	538	478	433	393
-40°	1026	910	822	736	672	615	560	504	458	414	377
-42.5°	860	782	711	660	611	569	525	481	438	397	360
-45°	748	693	642	603	565	531	498	458	418	380	343
-47.5°	664	628	591	558	528	499	469	435	396	360	328
-50°	609	580	551	522	497	470	441	407	373	343	311
-52.5°	565	541	517	493	470	443	413	384	354	323	292
-55°	529	508	488	467	446	420	392	363	332	302	271
-57.5°	499	479	461	442	423	397	369	339	310	281	250
-60°	470	452	432	412	394	372	342	314	287	259	232
-62.5°	429	409	393	376	357	337	310	284	260	237	210
-65°	385	366	350	334	315	295	272	252	231	210	186
-67.5°	340	323	306	290	274	257	239	221	201	181	159
-70°	297	283	268	254	239	223	206	188	170	151	134
-72.5°	254	242	229	216	202	189	174	158	143	127	111
-75°	210	201	191	179	168	157	144	130	117	105	92
-77.5°	168	161	153	143	134	124	114	103	93	83	73
-80°	128	122	116	109	101	94	87	78	70	62	54
-82.5°	90	86	82	77	72	67	62	56	50	44	39
-85°	55	53	50	48	45	42	40	36	32	28	24
-87.5°	26	25	24	23	21	20	19	17	15	13	12
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA2E-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	0	0	0
65°	1	1	0	1	2	2	2	1	1	1	0
62.5°	2	2	2	1	2	3	3	2	2	1	1
60°	2	3	3	3	2	3	3	3	2	2	1
57.5°	4	3	4	4	3	3	3	3	3	3	2
55°	9	6	5	4	4	3	3	3	3	3	3
52.5°	23	12	8	6	5	4	4	3	3	3	3
50°	38	26	14	9	7	5	4	4	3	3	4
47.5°	56	41	27	14	10	7	6	5	3	3	4
45°	78	59	41	25	14	11	7	5	4	3	4
42.5°	101	79	58	36	24	16	8	7	5	4	4
40°	121	102	76	53	34	22	14	8	6	4	4
37.5°	141	123	98	70	46	32	20	9	7	5	5
35°	162	142	119	88	61	40	27	12	9	7	5
32.5°	183	160	135	106	76	48	35	20	12	8	5
30°	209	177	151	124	91	61	42	26	14	9	5
27.5°	236	193	166	138	106	74	50	33	18	11	7
25°	261	215	180	151	120	87	59	38	22	13	8
22.5°	287	237	194	164	134	100	69	45	27	16	9
20°	314	259	207	178	146	112	80	52	31	19	10
17.5°	344	282	229	193	158	123	90	59	35	21	11
15°	374	305	249	207	170	132	99	66	39	24	12
12.5°	400	327	268	222	181	141	107	73	42	27	15
10°	423	346	284	235	192	149	115	80	47	30	17
7.5°	442	362	298	248	202	157	121	85	53	32	19
5°	458	375	309	258	210	167	126	89	59	33	22
2.5°	471	386	316	266	218	176	131	93	64	35	24
0°	480	394	322	273	223	184	135	95	69	36	26
-2.5°	484	400	331	278	231	188	139	100	72	41	27
-5°	485	403	338	282	238	191	143	105	75	45	28
-7.5°	486	405	342	285	242	193	146	108	77	49	29
-10°	483	405	343	289	244	195	149	111	79	52	29
-12.5°	477	402	343	290	244	197	152	113	81	54	30
-15°	467	398	341	290	244	198	154	115	81	55	30
-17.5°	453	392	339	288	243	198	155	114	82	55	31
-20°	444	385	335	283	242	198	155	113	81	54	32

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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°	433	378	328	279	239	196	153	110	80	53	33
-25°	419	370	321	276	236	194	150	106	78	52	33
-27.5°	406	360	313	272	232	190	145	104	76	51	33
-30°	394	351	306	266	225	184	138	100	74	50	33
-32.5°	382	340	298	258	218	178	131	96	72	50	32
-35°	369	329	289	248	211	170	126	92	70	48	31
-37.5°	355	316	277	239	204	162	123	90	67	46	30
-40°	340	303	265	230	195	154	119	89	65	43	29
-42.5°	325	289	254	222	186	148	114	86	61	41	28
-45°	310	276	243	210	177	141	109	82	57	39	27
-47.5°	295	262	229	197	167	133	103	77	53	37	26
-50°	278	245	213	184	155	124	95	71	51	36	25
-52.5°	259	225	197	171	143	113	88	65	48	34	23
-55°	237	208	184	158	130	103	79	61	45	32	22
-57.5°	221	195	169	143	117	93	73	56	42	30	21
-60°	205	179	154	128	104	83	67	52	39	28	20
-62.5°	185	161	136	112	92	75	61	48	36	26	19
-65°	162	139	116	97	80	66	55	43	32	24	17
-67.5°	137	118	99	83	70	59	48	38	29	21	15
-70°	116	99	83	71	60	51	42	33	25	19	14
-72.5°	97	84	71	60	51	43	35	27	21	16	12
-75°	80	69	59	50	42	35	28	22	17	13	10
-77.5°	64	55	46	39	34	28	22	17	14	11	9
-80°	48	42	36	31	26	21	17	14	12	10	8
-82.5°	34	30	26	22	19	16	14	12	10	8	7
-85°	22	19	17	15	13	11	10	8	7	6	4
-87.5°	11	9	8	8	7	6	5	4	3	3	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: P627036 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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	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	1	2	1	0	0	0
57.5°	1	1	2	2	0	0	0
55°	2	2	2	2	0	0	0
52.5°	2	2	2	2	1	0	0
50°	3	2	2	3	1	0	0
47.5°	3	2	3	3	1	0	0
45°	4	3	3	3	1	0	0
42.5°	4	3	3	3	2	0	0
40°	4	3	3	3	2	0	0
37.5°	5	3	3	3	2	0	0
35°	5	4	3	3	2	0	0
32.5°	6	4	3	3	2	0	0
30°	6	4	3	3	2	0	0
27.5°	6	5	3	3	3	0	0
25°	6	5	3	3	3	0	0
22.5°	6	5	3	3	3	0	0
20°	7	6	3	3	3	0	0
17.5°	7	6	3	3	3	0	0
15°	7	6	3	3	3	0	0
12.5°	8	6	3	3	3	0	0
10°	8	6	3	3	3	0	0
7.5°	8	6	3	3	3	0	0
5°	9	7	3	3	3	0	0
2.5°	9	7	3	3	3	0	0
0°	10	7	3	3	3	0	0
-2.5°	12	7	4	3	3	0	0
-5°	13	7	4	3	3	0	0
-7.5°	15	8	4	3	3	0	0
-10°	16	8	4	3	3	0	0
-12.5°	17	8	5	3	3	0	0
-15°	18	8	5	3	3	0	0
-17.5°	18	8	5	3	3	0	0
-20°	19	8	5	3	3	1	0

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REPORT NUMBER: P627036 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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