

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: P627876 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-735-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627876 (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-SA6C-735-U-MWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 33069.1 lumens
Efficiency: N/A
Efficacy: 133.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 46329.4 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 22149.6 lumens
Beam Efficiency: 67.0%

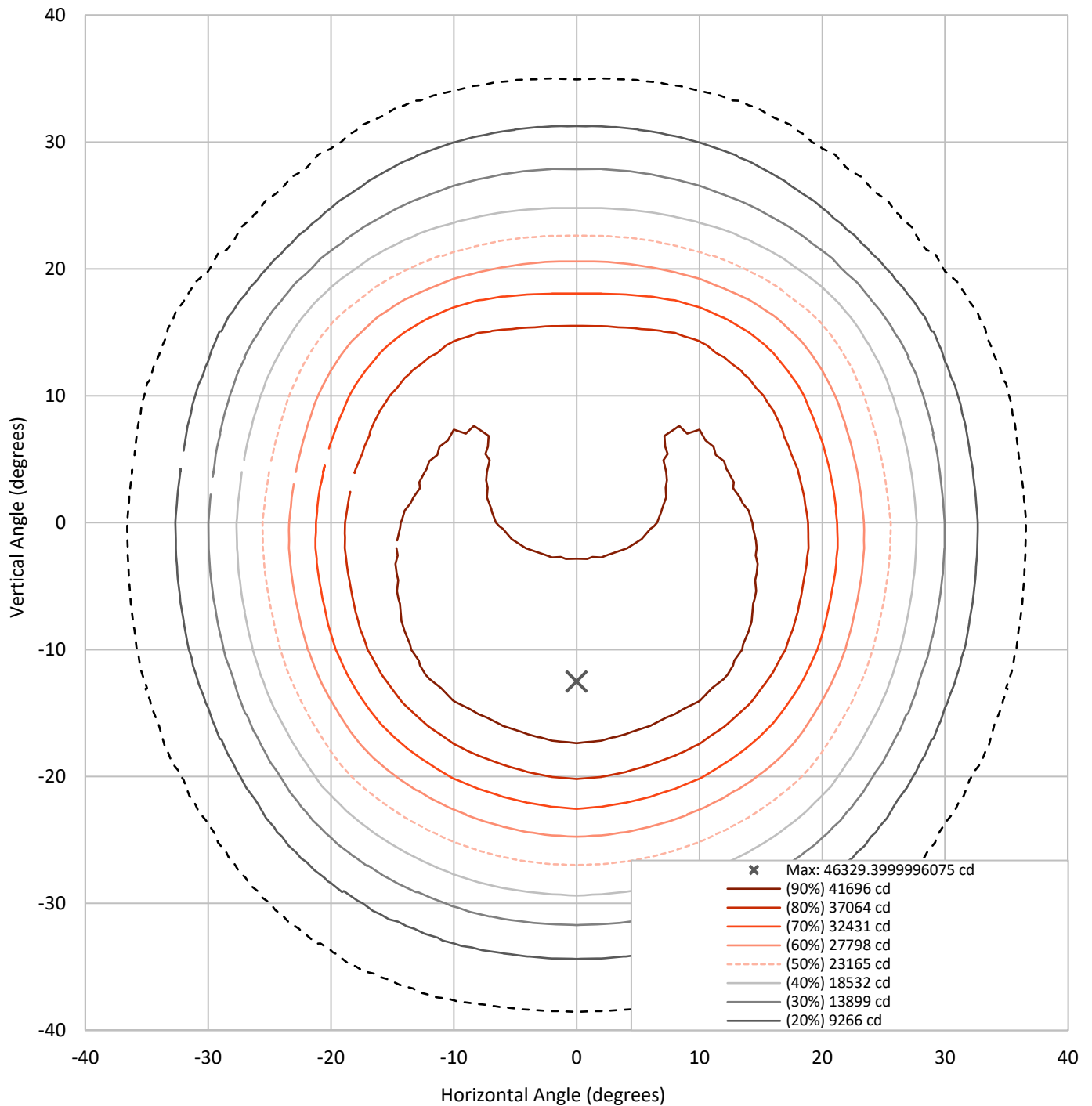
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 29806.7 lumens
Field Efficiency: 90.1%

Input Watts (W): 247.5
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: P627876 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





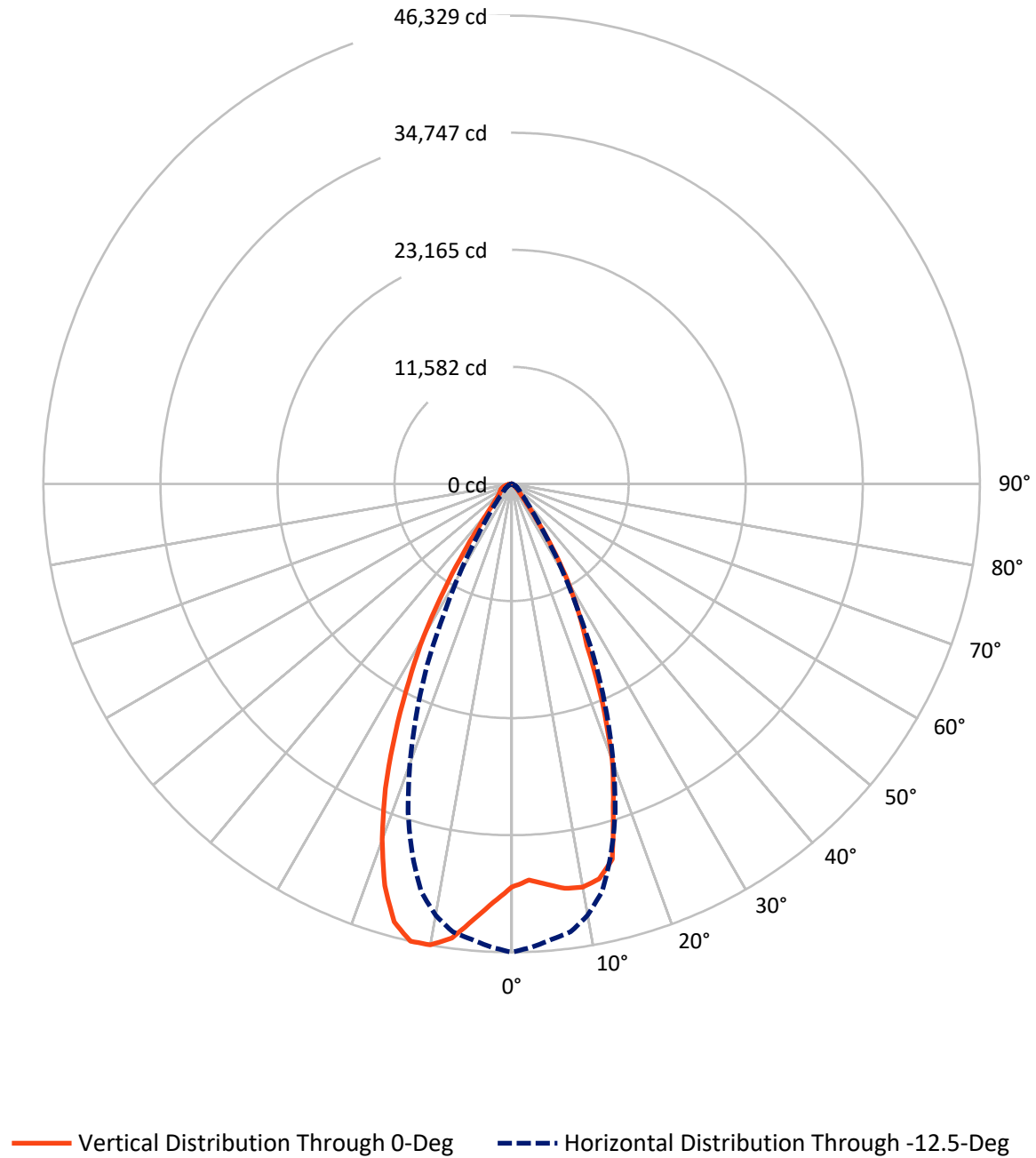
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Lumen Table

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	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0				
50		0.1	0.2	1.1	2.7	4.5	6.3	7.3	7.3	6.3	4.5	2.7	1.1	0.2	0.1				
40	0.2	0.2	1.3	4.7	9.3	15.2	22.7	27.8	27.8	22.7	15.2	9.3	4.7	1.3	0.2				
30		0.6	3.7	9.6	19.8	42.9	97.6	149.1	149.1	97.6	42.9	19.8	9.6	3.7	0.6				
20	0.4	1.3	6.2	15.4	41.5	153.7	395.8	553.3	553.3	395.8	153.7	41.5	15.4	6.2	1.3				
10		2.2	8.6	23.9	98.7	426.9	890.6	1102.6	1102.6	890.6	426.9	98.7	23.9	8.6	2.2				
0	0.7	2.9	10.7	30.8	157.2	628.6	1148.2	1244.8	1244.8	1148.2	628.6	157.2	30.8	10.7	2.9				
-10		3.4	11.8	32.9	164.5	649.3	1189.6	1321.2	1321.2	1189.6	649.3	164.5	32.9	11.8	3.4				
-20	0.9	3.6	11.9	30.0	117.7	483.4	1003.6	1281.4	1281.4	1003.6	483.4	117.7	30.0	11.9	3.6				
-30		3.5	11.4	24.9	65.8	234.5	559.2	786.9	786.9	559.2	234.5	65.8	24.9	11.4	3.5				
-40	0.9	3.1	10.2	20.7	39.3	83.5	174.7	259.3	259.3	174.7	83.5	39.3	20.7	10.2	3.1				
-50		2.6	8.5	17.2	28.7	42.4	59.6	70.7	70.7	59.6	42.4	28.7	17.2	8.5	2.6				
-60	0.6	1.9	6.4	13.6	22.6	31.2	39.0	42.6	42.6	39.0	31.2	22.6	13.6	6.4	1.9				
-70		1.3	4.1	9.2	15.8	22.3	28.3	31.6	31.6	28.3	22.3	15.8	9.2	4.1	1.3				
-80	0.3	3.7	16.6	35.5	45.5	35.5	16.6	3.7	0.3										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

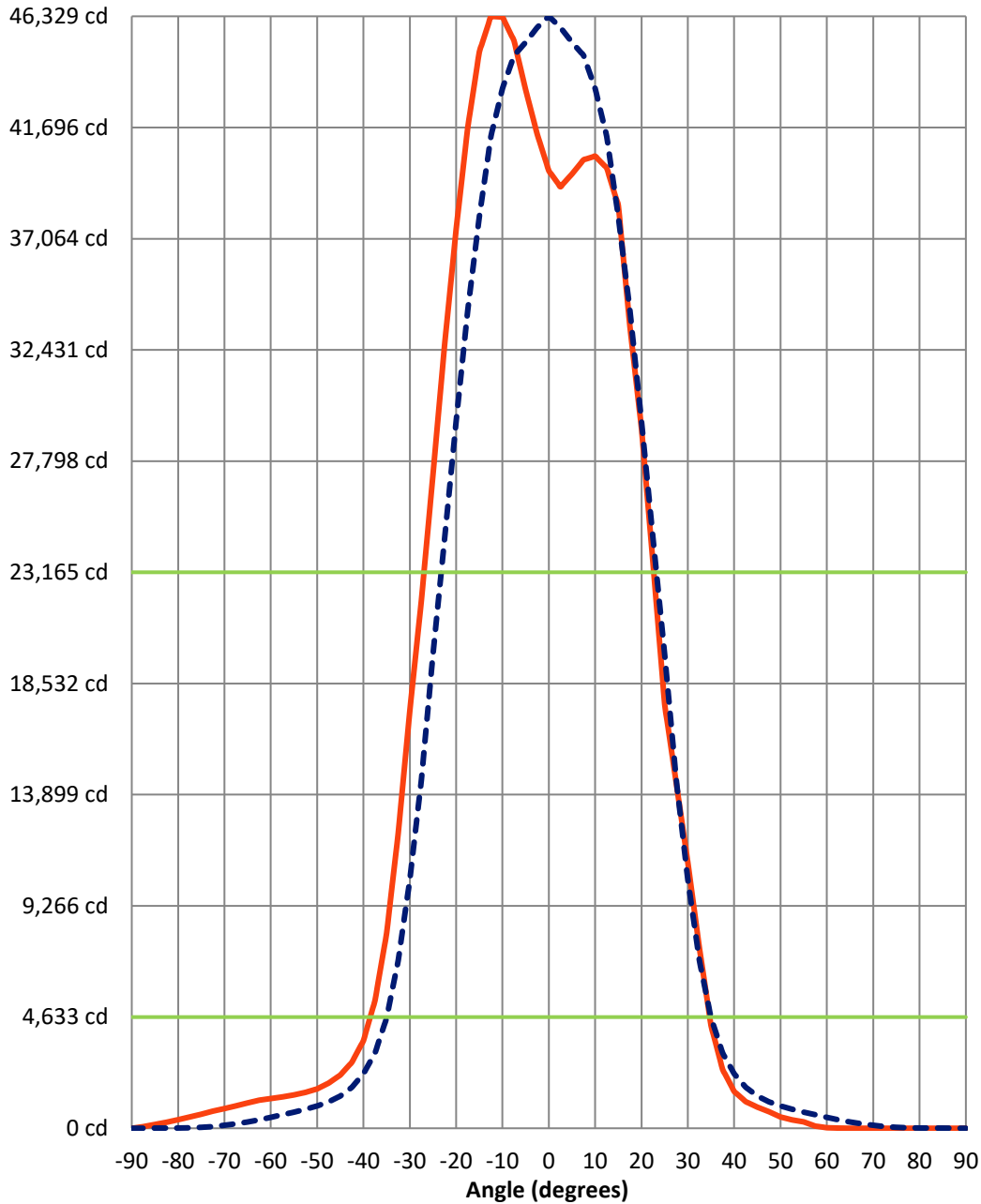
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 22149.6
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 29806.7
 Efficiency: 90.1%

Spill:
 Lumens: 3262.4
 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	1	0	0	0	0	0
72.5°	0	0	0	0	1	1	0	0	0	0	0
70°	0	0	0	0	2	2	1	0	0	0	0
67.5°	0	0	0	1	2	2	1	0	0	1	1
65°	0	0	0	2	3	3	1	0	2	2	2
62.5°	0	0	0	2	4	3	1	1	3	4	5
60°	0	0	0	3	5	3	1	3	5	5	7
57.5°	0	0	1	4	5	3	3	5	6	7	8
55°	0	0	1	5	5	4	4	7	7	8	8
52.5°	0	0	2	6	5	4	6	8	7	8	8
50°	0	0	2	6	6	5	7	8	8	8	9
47.5°	0	0	3	7	6	6	8	9	8	8	11
45°	0	0	3	7	6	6	8	9	8	9	13
42.5°	0	0	4	8	6	7	9	10	9	12	15
40°	0	0	4	8	7	7	10	10	10	14	18
37.5°	0	0	4	8	7	8	11	11	12	17	21
35°	0	0	5	8	7	8	12	11	15	22	28
32.5°	0	0	5	8	7	9	13	12	18	27	45
30°	0	0	6	8	8	10	13	13	21	33	61
27.5°	0	0	6	8	8	11	14	15	25	41	75
25°	0	0	6	8	8	11	14	18	31	51	88
22.5°	0	0	6	8	8	12	15	20	37	63	104
20°	0	0	7	8	8	13	15	22	43	73	120
17.5°	0	0	7	8	8	13	16	25	50	82	137
15°	0	0	7	8	8	14	16	28	56	90	153
12.5°	0	0	7	8	8	14	17	34	63	97	170
10°	0	0	7	8	8	15	18	39	68	109	185
7.5°	0	0	7	8	8	15	20	45	73	122	197
5°	0	0	8	8	8	15	21	50	77	135	207
2.5°	0	0	8	8	8	15	22	56	81	148	214
0°	0	0	8	8	8	15	23	61	84	159	220
-2.5°	0	0	8	8	8	16	27	63	94	167	232
-5°	0	0	8	8	9	17	31	65	104	173	242
-7.5°	0	0	7	8	10	17	34	66	113	178	251
-10°	0	1	7	8	10	18	37	67	120	183	257
-12.5°	0	1	7	8	11	19	42	69	127	188	265
-15°	0	1	7	8	11	19	43	71	127	189	264
-17.5°	0	1	7	8	12	19	43	74	125	188	261
-20°	0	1	7	8	12	19	43	74	125	188	261

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CATALOG NUMBER: GFLD-SA6C-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	7	8	12	20	44	76	123	185	255
-25°	0	1	7	8	12	21	44	77	121	181	245
-27.5°	0	2	7	8	11	22	43	77	118	176	239
-30°	0	2	7	8	11	23	42	76	116	171	232
-32.5°	0	2	6	8	12	24	41	74	115	166	223
-35°	0	2	6	8	12	25	41	72	111	161	212
-37.5°	0	2	6	8	12	25	42	70	107	156	209
-40°	0	2	6	8	13	25	42	67	100	149	205
-42.5°	0	2	6	8	13	25	41	64	95	142	198
-45°	0	2	6	8	13	25	41	61	91	133	189
-47.5°	0	2	6	8	14	25	39	60	87	123	177
-50°	0	2	6	9	14	24	38	57	82	118	164
-52.5°	0	2	6	9	14	23	37	54	79	111	149
-55°	0	2	6	9	14	23	36	51	75	104	140
-57.5°	0	2	7	9	14	22	34	49	70	98	130
-60°	0	2	7	9	13	21	32	46	65	91	120
-62.5°	0	2	6	9	13	20	30	43	61	83	110
-65°	0	1	6	9	13	18	27	40	55	75	99
-67.5°	0	1	5	9	13	17	25	36	49	67	88
-70°	0	1	5	9	12	16	22	31	43	57	76
-72.5°	0	1	4	8	12	15	20	27	37	49	63
-75°	0	1	4	7	11	15	19	24	30	40	52
-77.5°	0	1	3	6	10	13	17	21	26	32	40
-80°	0	1	3	5	8	11	15	19	23	28	33
-82.5°	0	0	2	4	6	9	12	15	19	23	27
-85°	0	0	1	2	4	6	8	10	13	16	19
-87.5°	0	0	1	1	2	3	4	5	6	8	10
-90°	0	0	0	0	0	0	0	0	0	0	0

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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	1	1	0	0	0	0	0	0	0
67.5°	1	2	3	2	0	0	0	0	0	0	0
65°	4	5	4	2	0	2	3	2	0	0	0
62.5°	7	6	4	3	4	6	4	3	1	2	3
60°	8	6	5	6	8	7	5	5	6	7	18
57.5°	8	7	7	8	9	8	9	11	27	45	50
55°	8	8	9	10	11	13	20	42	64	78	85
52.5°	9	9	12	14	18	29	52	77	98	113	134
50°	10	12	16	21	34	59	88	116	142	166	195
47.5°	13	16	23	33	62	95	130	165	196	230	272
45°	16	25	33	59	94	136	180	219	251	290	328
42.5°	19	37	56	84	133	184	233	265	301	344	393
40°	32	52	80	122	176	236	279	314	352	412	472
37.5°	47	73	106	161	226	284	326	368	423	493	564
35°	63	93	141	203	275	328	375	428	504	583	668
32.5°	81	112	175	246	313	371	423	502	581	669	785
30°	98	141	210	286	349	410	484	571	650	758	894
27.5°	116	170	245	320	384	447	545	629	719	842	1005
25°	135	202	277	350	417	496	603	693	786	942	1162
22.5°	159	231	309	378	447	548	663	774	896	1051	1323
20°	184	258	338	412	478	598	727	863	1028	1245	1600
17.5°	207	284	365	446	529	651	795	956	1161	1432	1954
15°	228	306	392	479	577	706	864	1062	1310	1646	2296
12.5°	247	326	418	512	619	755	924	1140	1433	1916	2733
10°	265	344	443	544	657	799	977	1205	1533	2110	3059
7.5°	279	363	466	574	689	837	1022	1259	1621	2263	3314
5°	292	386	487	597	713	868	1059	1300	1695	2374	3511
2.5°	303	407	503	615	731	893	1088	1339	1767	2466	3677
0°	311	425	516	630	744	911	1109	1367	1823	2529	3806
-2.5°	322	435	534	642	766	925	1119	1388	1841	2538	3780
-5°	331	442	549	651	782	932	1122	1396	1839	2519	3702
-7.5°	338	446	560	658	791	936	1123	1391	1820	2477	3576
-10°	344	451	564	667	794	936	1117	1374	1776	2395	3385
-12.5°	351	455	565	671	793	930	1103	1343	1708	2272	3140
-15°	356	458	564	670	789	920	1079	1300	1618	2109	2837
-17.5°	358	458	562	665	783	906	1047	1249	1534	1966	2620
-20°	358	457	558	653	774	890	1025	1209	1464	1828	2356

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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°	354	454	554	644	759	874	1000	1161	1375	1674	2100
-25°	347	448	547	638	742	855	968	1109	1295	1560	1914
-27.5°	335	439	535	629	724	833	939	1067	1230	1434	1717
-30°	319	426	521	615	708	810	912	1020	1163	1341	1569
-32.5°	302	412	505	596	690	787	883	983	1106	1253	1431
-35°	290	394	488	574	667	761	853	946	1047	1178	1331
-37.5°	284	375	471	552	640	731	820	909	1002	1105	1244
-40°	274	356	450	533	612	700	786	871	956	1060	1166
-42.5°	263	342	429	513	588	669	751	832	918	1013	1113
-45°	252	326	408	486	562	638	717	793	878	967	1060
-47.5°	237	307	386	455	530	606	682	758	832	916	1005
-50°	220	287	359	425	491	567	643	719	792	863	941
-52.5°	203	262	330	395	456	520	598	675	748	818	887
-55°	183	239	300	364	425	481	548	626	698	767	838
-57.5°	168	214	271	332	392	450	512	578	649	716	784
-60°	154	192	240	297	357	414	474	535	600	664	725
-62.5°	140	173	212	259	315	372	428	486	547	602	657
-65°	127	153	186	225	269	321	375	431	486	535	582
-67.5°	112	136	162	191	230	273	317	367	418	465	510
-70°	96	117	140	165	193	229	269	309	350	392	436
-72.5°	80	99	118	138	164	194	225	257	293	330	366
-75°	65	80	97	115	135	160	186	214	242	271	301
-77.5°	52	64	78	91	107	126	147	169	192	215	238
-80°	40	48	59	71	83	97	111	126	143	162	181
-82.5°	32	38	44	52	60	69	78	89	102	116	130
-85°	23	27	30	35	40	45	51	57	65	74	83
-87.5°	11	13	15	17	20	22	24	27	31	35	39
-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°	2	2	3	3	2	2	4	5	5	5	6
60°	20	14	19	25	24	18	27	31	28	23	24
57.5°	53	58	66	77	85	90	97	105	111	114	117
55°	98	117	138	147	163	188	210	212	216	221	234
52.5°	156	179	189	208	240	260	270	288	307	325	342
50°	227	246	269	298	329	349	356	387	425	456	474
47.5°	298	324	365	416	443	466	497	537	579	624	659
45°	364	410	464	509	545	583	626	676	742	803	850
42.5°	439	492	545	598	637	702	777	835	930	1013	1065
40°	528	579	656	721	801	883	1011	1130	1250	1388	1489
37.5°	633	713	821	925	1044	1166	1395	1630	1821	2090	2240
35°	759	883	1036	1192	1382	1676	2011	2464	2934	3327	3705
32.5°	906	1064	1275	1554	1873	2345	2848	3682	4495	5308	6105
30°	1050	1279	1602	1986	2510	3257	4205	5494	6891	8114	9221
27.5°	1242	1567	1986	2560	3452	4546	6296	8087	9865	11453	12594
25°	1474	1910	2503	3453	4741	6555	8901	11096	13183	14740	16051
22.5°	1809	2463	3305	4514	6851	9375	12182	14943	17288	19250	20543
20°	2224	3108	4517	6708	9457	12613	16225	19130	22018	24225	26197
17.5°	2811	4220	6208	8991	12276	16485	20204	23444	27111	29367	31378
15°	3339	5149	7984	11535	15384	19845	24231	28199	31739	34218	36466
12.5°	4006	6138	9397	13574	17783	22749	27310	31558	35024	37576	39149
10°	4605	7152	10808	15176	19889	25077	29803	34225	37583	39555	40712
7.5°	5087	7994	11951	16547	21523	26745	31737	36126	39339	40989	41779
5°	5462	8618	12846	17671	22839	28183	33278	37574	40280	41644	42085
2.5°	5743	9053	13449	18412	23728	29245	34447	38681	40989	41973	42120
0°	5933	9359	13840	18877	24490	29625	35079	39379	41574	42364	42440
-2.5°	5888	9248	13823	18708	24403	29796	35180	39423	41773	42834	43007
-5°	5768	8988	13365	18230	23709	29110	34245	38725	41609	43212	43922
-7.5°	5537	8538	12581	17315	22584	27991	33227	37876	41194	43449	44838
-10°	5143	7881	11578	16157	21351	26502	31679	36504	40077	42792	44727
-12.5°	4606	6990	10355	14518	19739	24549	29450	34073	37972	41320	43320
-15°	4051	6062	9085	12893	17438	22176	26704	31239	35089	38220	40714
-17.5°	3656	5249	7613	10947	14937	19431	23849	28016	31489	34433	37049
-20°	3156	4339	6211	9014	12527	16456	20688	24396	27498	30258	32757



REPORT NUMBER: P627876 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	2758	3716	5068	6980	10136	13601	17063	20477	23394	25851	27984
-25°	2396	3069	4126	5681	7733	10725	13642	16525	19218	21502	23424
-27.5°	2112	2647	3352	4459	6016	7763	10318	12728	15043	17132	18943
-30°	1854	2255	2806	3499	4558	5855	7392	9194	11040	12689	14335
-32.5°	1669	1954	2333	2847	3440	4369	5298	6510	7679	8882	10063
-35°	1503	1732	1990	2333	2740	3282	3895	4635	5260	6047	6773
-37.5°	1388	1550	1747	1964	2255	2557	2972	3422	3809	4247	4616
-40°	1294	1421	1554	1700	1900	2104	2372	2625	2871	3138	3337
-42.5°	1214	1316	1412	1525	1644	1808	1987	2145	2294	2451	2582
-45°	1152	1228	1305	1393	1483	1601	1729	1847	1944	2031	2103
-47.5°	1085	1153	1221	1289	1366	1452	1536	1611	1692	1760	1809
-50°	1019	1086	1148	1207	1274	1341	1407	1467	1525	1575	1606
-52.5°	955	1024	1085	1139	1195	1251	1306	1360	1410	1455	1476
-55°	906	970	1032	1080	1128	1175	1223	1274	1321	1365	1378
-57.5°	852	918	977	1022	1065	1107	1153	1200	1245	1286	1299
-60°	791	859	911	953	998	1044	1086	1129	1171	1206	1220
-62.5°	717	778	826	868	908	946	992	1037	1081	1116	1137
-65°	630	683	729	771	810	846	890	931	971	1002	1024
-67.5°	553	595	633	670	708	746	786	825	862	889	907
-70°	477	516	552	587	620	653	686	719	750	774	792
-72.5°	403	437	468	499	529	559	587	615	642	663	680
-75°	333	362	388	415	440	464	486	507	528	546	562
-77.5°	262	286	309	331	353	372	389	405	421	436	450
-80°	201	218	234	251	268	282	295	308	320	332	343
-82.5°	144	155	166	177	189	198	208	217	226	234	242
-85°	92	98	104	110	116	122	128	134	139	144	149
-87.5°	44	46	49	52	55	58	61	63	66	69	71
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627876 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	7	7	8	8	8	7	7	6	5	5	5
60°	24	23	23	23	23	23	24	24	23	28	31
57.5°	114	106	99	91	99	106	114	117	114	111	105
55°	248	262	268	266	268	262	248	234	221	216	212
52.5°	353	359	357	349	357	359	353	342	325	307	288
50°	482	483	479	471	479	483	482	474	456	425	387
47.5°	677	687	692	691	692	687	677	659	624	579	537
45°	869	878	882	881	882	878	869	850	803	742	676
42.5°	1092	1109	1115	1109	1115	1109	1092	1065	1013	930	835
40°	1548	1567	1558	1534	1558	1567	1548	1489	1388	1250	1130
37.5°	2345	2421	2453	2454	2453	2421	2345	2240	2090	1821	1630
35°	4044	4315	4440	4284	4440	4315	4044	3705	3327	2934	2464
32.5°	6755	7235	7505	7505	7505	7235	6755	6105	5308	4495	3682
30°	10058	10658	10996	11068	10996	10658	10058	9221	8114	6891	5494
27.5°	13483	14104	14427	14380	14427	14104	13483	12594	11453	9865	8087
25°	16920	17390	17661	17669	17661	17390	16920	16051	14740	13183	11096
22.5°	21997	22986	23394	23503	23394	22986	21997	20543	19250	17288	14943
20°	27532	28491	29110	29147	29110	28491	27532	26197	24225	22018	19130
17.5°	32805	33281	33368	33408	33368	33281	32805	31378	29367	27111	23444
15°	37775	37942	38382	38437	38382	37942	37775	36466	34218	31739	28199
12.5°	40137	40289	40214	40009	40214	40289	40137	39149	37576	35024	31558
10°	41423	41208	40888	40503	40888	41208	41423	40712	39555	37583	34225
7.5°	41714	41476	40911	40351	40911	41476	41714	41779	40989	39339	36126
5°	41853	41152	40438	39759	40438	41152	41853	42085	41644	40280	37574
2.5°	41771	40937	39958	39227	39958	40937	41771	42120	41973	40989	38681
0°	42037	41194	40169	39895	40169	41194	42037	42440	42364	41574	39379
-2.5°	42780	42096	41561	41415	41561	42096	42780	43007	42834	41773	39423
-5°	44115	43964	43054	43268	43054	43964	44115	43922	43212	41609	38725
-7.5°	45404	45190	44806	45304	44806	45190	45404	44838	43449	41194	37876
-10°	45747	45677	45857	46299	45857	45677	45747	44727	42792	40077	36504
-12.5°	44696	45247	45864	46329	45864	45247	44696	43320	41320	37972	34073
-15°	42353	43479	44402	44841	44402	43479	42353	40714	38220	35089	31239
-17.5°	38901	40282	41376	41688	41376	40282	38901	37049	34433	31489	28016
-20°	34651	36056	37052	37449	37052	36056	34651	32757	30258	27498	24396



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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°	29869	31241	32143	32618	32143	31241	29869	27984	25851	23394	20477
-25°	25015	26221	27022	27233	27022	26221	25015	23424	21502	19218	16525
-27.5°	20374	21343	21934	21999	21934	21343	20374	18943	17132	15043	12728
-30°	15704	16605	17116	17388	17116	16605	15704	14335	12689	11040	9194
-32.5°	11029	11744	12177	12291	12177	11744	11029	10063	8882	7679	6510
-35°	7354	7798	8072	8128	8072	7798	7354	6773	6047	5260	4635
-37.5°	4917	5134	5267	5333	5267	5134	4917	4616	4247	3809	3422
-40°	3483	3585	3642	3654	3642	3585	3483	3337	3138	2871	2625
-42.5°	2664	2716	2743	2750	2743	2716	2664	2582	2451	2294	2145
-45°	2153	2189	2211	2218	2211	2189	2153	2103	2031	1944	1847
-47.5°	1842	1865	1879	1884	1879	1865	1842	1809	1760	1692	1611
-50°	1625	1638	1643	1641	1643	1638	1625	1606	1575	1525	1467
-52.5°	1488	1497	1500	1497	1500	1497	1488	1476	1455	1410	1360
-55°	1387	1393	1394	1390	1394	1393	1387	1378	1365	1321	1274
-57.5°	1309	1317	1315	1307	1315	1317	1309	1299	1286	1245	1200
-60°	1232	1241	1242	1238	1242	1241	1232	1220	1206	1171	1129
-62.5°	1156	1171	1173	1170	1173	1171	1156	1137	1116	1081	1037
-65°	1045	1064	1063	1056	1063	1064	1045	1024	1002	971	931
-67.5°	923	937	937	934	937	937	923	907	889	862	825
-70°	809	823	824	820	824	823	809	792	774	750	719
-72.5°	696	710	713	714	713	710	696	680	663	642	615
-75°	576	589	588	585	588	589	576	562	546	528	507
-77.5°	464	476	474	471	474	476	464	450	436	421	405
-80°	353	363	360	357	360	363	353	343	332	320	308
-82.5°	250	257	254	251	254	257	250	242	234	226	217
-85°	154	159	159	160	159	159	154	149	144	139	134
-87.5°	73	76	72	68	72	76	73	71	69	66	63
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627876 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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	2
62.5°	4	2	2	3	3	2	2	3	2	1	3
60°	27	18	24	25	19	14	20	18	7	6	5
57.5°	97	90	85	77	66	58	53	50	45	27	11
55°	210	188	163	147	138	117	98	85	78	64	42
52.5°	270	260	240	208	189	179	156	134	113	98	77
50°	356	349	329	298	269	246	227	195	166	142	116
47.5°	497	466	443	416	365	324	298	272	230	196	165
45°	626	583	545	509	464	410	364	328	290	251	219
42.5°	777	702	637	598	545	492	439	393	344	301	265
40°	1011	883	801	721	656	579	528	472	412	352	314
37.5°	1395	1166	1044	925	821	713	633	564	493	423	368
35°	2011	1676	1382	1192	1036	883	759	668	583	504	428
32.5°	2848	2345	1873	1554	1275	1064	906	785	669	581	502
30°	4205	3257	2510	1986	1602	1279	1050	894	758	650	571
27.5°	6296	4546	3452	2560	1986	1567	1242	1005	842	719	629
25°	8901	6555	4741	3453	2503	1910	1474	1162	942	786	693
22.5°	12182	9375	6851	4514	3305	2463	1809	1323	1051	896	774
20°	16225	12613	9457	6708	4517	3108	2224	1600	1245	1028	863
17.5°	20204	16485	12276	8991	6208	4220	2811	1954	1432	1161	956
15°	24231	19845	15384	11535	7984	5149	3339	2296	1646	1310	1062
12.5°	27310	22749	17783	13574	9397	6138	4006	2733	1916	1433	1140
10°	29803	25077	19889	15176	10808	7152	4605	3059	2110	1533	1205
7.5°	31737	26745	21523	16547	11951	7994	5087	3314	2263	1621	1259
5°	33278	28183	22839	17671	12846	8618	5462	3511	2374	1695	1300
2.5°	34447	29245	23728	18412	13449	9053	5743	3677	2466	1767	1339
0°	35079	29625	24490	18877	13840	9359	5933	3806	2529	1823	1367
-2.5°	35180	29796	24403	18708	13823	9248	5888	3780	2538	1841	1388
-5°	34245	29110	23709	18230	13365	8988	5768	3702	2519	1839	1396
-7.5°	33227	27991	22584	17315	12581	8538	5537	3576	2477	1820	1391
-10°	31679	26502	21351	16157	11578	7881	5143	3385	2395	1776	1374
-12.5°	29450	24549	19739	14518	10355	6990	4606	3140	2272	1708	1343
-15°	26704	22176	17438	12893	9085	6062	4051	2837	2109	1618	1300
-17.5°	23849	19431	14937	10947	7613	5249	3656	2620	1966	1534	1249
-20°	20688	16456	12527	9014	6211	4339	3156	2356	1828	1464	1209

Classified

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

Scaled Data Report



REPORT NUMBER: P627876 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	17063	13601	10136	6980	5068	3716	2758	2100	1674	1375	1161
-25°	13642	10725	7733	5681	4126	3069	2396	1914	1560	1295	1109
-27.5°	10318	7763	6016	4459	3352	2647	2112	1717	1434	1230	1067
-30°	7392	5855	4558	3499	2806	2255	1854	1569	1341	1163	1020
-32.5°	5298	4369	3440	2847	2333	1954	1669	1431	1253	1106	983
-35°	3895	3282	2740	2333	1990	1732	1503	1331	1178	1047	946
-37.5°	2972	2557	2255	1964	1747	1550	1388	1244	1105	1002	909
-40°	2372	2104	1900	1700	1554	1421	1294	1166	1060	956	871
-42.5°	1987	1808	1644	1525	1412	1316	1214	1113	1013	918	832
-45°	1729	1601	1483	1393	1305	1228	1152	1060	967	878	793
-47.5°	1536	1452	1366	1289	1221	1153	1085	1005	916	832	758
-50°	1407	1341	1274	1207	1148	1086	1019	941	863	792	719
-52.5°	1306	1251	1195	1139	1085	1024	955	887	818	748	675
-55°	1223	1175	1128	1080	1032	970	906	838	767	698	626
-57.5°	1153	1107	1065	1022	977	918	852	784	716	649	578
-60°	1086	1044	998	953	911	859	791	725	664	600	535
-62.5°	992	946	908	868	826	778	717	657	602	547	486
-65°	890	846	810	771	729	683	630	582	535	486	431
-67.5°	786	746	708	670	633	595	553	510	465	418	367
-70°	686	653	620	587	552	516	477	436	392	350	309
-72.5°	587	559	529	499	468	437	403	366	330	293	257
-75°	486	464	440	415	388	362	333	301	271	242	214
-77.5°	389	372	353	331	309	286	262	238	215	192	169
-80°	295	282	268	251	234	218	201	181	162	143	126
-82.5°	208	198	189	177	166	155	144	130	116	102	89
-85°	128	122	116	110	104	98	92	83	74	65	57
-87.5°	61	58	55	52	49	46	44	39	35	31	27
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627876 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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	1	1	0	0	0	0	0	0
67.5°	0	0	0	2	3	2	1	1	1	0	0
65°	3	2	0	2	4	5	4	2	2	2	0
62.5°	4	6	4	3	4	6	7	5	4	3	1
60°	5	7	8	6	5	6	8	7	5	5	3
57.5°	9	8	9	8	7	7	8	8	7	6	5
55°	20	13	11	10	9	8	8	8	8	7	7
52.5°	52	29	18	14	12	9	9	8	8	7	8
50°	88	59	34	21	16	12	10	9	8	8	8
47.5°	130	95	62	33	23	16	13	11	8	8	9
45°	180	136	94	59	33	25	16	13	9	8	9
42.5°	233	184	133	84	56	37	19	15	12	9	10
40°	279	236	176	122	80	52	32	18	14	10	10
37.5°	326	284	226	161	106	73	47	21	17	12	11
35°	375	328	275	203	141	93	63	28	22	15	11
32.5°	423	371	313	246	175	112	81	45	27	18	12
30°	484	410	349	286	210	141	98	61	33	21	13
27.5°	545	447	384	320	245	170	116	75	41	25	15
25°	603	496	417	350	277	202	135	88	51	31	18
22.5°	663	548	447	378	309	231	159	104	63	37	20
20°	727	598	478	412	338	258	184	120	73	43	22
17.5°	795	651	529	446	365	284	207	137	82	50	25
15°	864	706	577	479	392	306	228	153	90	56	28
12.5°	924	755	619	512	418	326	247	170	97	63	34
10°	977	799	657	544	443	344	265	185	109	68	39
7.5°	1022	837	689	574	466	363	279	197	122	73	45
5°	1059	868	713	597	487	386	292	207	135	77	50
2.5°	1088	893	731	615	503	407	303	214	148	81	56
0°	1109	911	744	630	516	425	311	220	159	84	61
-2.5°	1119	925	766	642	534	435	322	232	167	94	63
-5°	1122	932	782	651	549	442	331	242	173	104	65
-7.5°	1123	936	791	658	560	446	338	251	178	113	66
-10°	1117	936	794	667	564	451	344	257	183	120	67
-12.5°	1103	930	793	671	565	455	351	262	186	126	68
-15°	1079	920	789	670	564	458	356	265	188	127	69
-17.5°	1047	906	783	665	562	458	358	264	189	127	71
-20°	1025	890	774	653	558	457	358	261	188	125	74

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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°	1000	874	759	644	554	454	354	255	185	123	76
-25°	968	855	742	638	547	448	347	245	181	121	77
-27.5°	939	833	724	629	535	439	335	239	176	118	77
-30°	912	810	708	615	521	426	319	232	171	116	76
-32.5°	883	787	690	596	505	412	302	223	166	115	74
-35°	853	761	667	574	488	394	290	212	161	111	72
-37.5°	820	731	640	552	471	375	284	209	156	107	70
-40°	786	700	612	533	450	356	274	205	149	100	67
-42.5°	751	669	588	513	429	342	263	198	142	95	64
-45°	717	638	562	486	408	326	252	189	133	91	61
-47.5°	682	606	530	455	386	307	237	177	123	87	60
-50°	643	567	491	425	359	287	220	164	118	82	57
-52.5°	598	520	456	395	330	262	203	149	111	79	54
-55°	548	481	425	364	300	239	183	140	104	75	51
-57.5°	512	450	392	332	271	214	168	130	98	70	49
-60°	474	414	357	297	240	192	154	120	91	65	46
-62.5°	428	372	315	259	212	173	140	110	83	61	43
-65°	375	321	269	225	186	153	127	99	75	55	40
-67.5°	317	273	230	191	162	136	112	88	67	49	36
-70°	269	229	193	165	140	117	96	76	57	43	31
-72.5°	225	194	164	138	118	99	80	63	49	37	27
-75°	186	160	135	115	97	80	65	52	40	30	24
-77.5°	147	126	107	91	78	64	52	40	32	26	21
-80°	111	97	83	71	59	48	40	33	28	23	19
-82.5°	78	69	60	52	44	38	32	27	23	19	15
-85°	51	45	40	35	30	27	23	19	16	13	10
-87.5°	24	22	20	17	15	13	11	10	8	6	5
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA6C-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	1	0	0	0	0	0
72.5°	0	1	1	0	0	0	0
70°	1	2	2	0	0	0	0
67.5°	1	2	2	1	0	0	0
65°	1	3	3	2	0	0	0
62.5°	1	3	4	2	0	0	0
60°	1	3	5	3	0	0	0
57.5°	3	3	5	4	1	0	0
55°	4	4	5	5	1	0	0
52.5°	6	4	5	6	2	0	0
50°	7	5	6	6	2	0	0
47.5°	8	6	6	7	3	0	0
45°	8	6	6	7	3	0	0
42.5°	9	7	6	8	4	0	0
40°	10	7	7	8	4	0	0
37.5°	11	8	7	8	4	0	0
35°	12	8	7	8	5	0	0
32.5°	13	9	7	8	5	0	0
30°	13	10	8	8	6	0	0
27.5°	14	11	8	8	6	0	0
25°	14	11	8	8	6	0	0
22.5°	15	12	8	8	6	0	0
20°	15	13	8	8	7	0	0
17.5°	16	13	8	8	7	0	0
15°	16	14	8	8	7	0	0
12.5°	17	14	8	8	7	0	0
10°	18	15	8	8	7	0	0
7.5°	20	15	8	8	7	0	0
5°	21	15	8	8	8	0	0
2.5°	22	15	8	8	8	0	0
0°	23	15	8	8	8	0	0
-2.5°	27	16	8	8	8	0	0
-5°	31	17	9	8	8	0	0
-7.5°	34	17	10	8	7	0	0
-10°	37	18	10	8	7	1	0
-12.5°	40	18	11	8	7	1	0
-15°	42	19	11	8	7	1	0
-17.5°	43	19	11	8	7	1	0
-20°	43	19	12	8	7	1	0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	44	20	12	8	7	1	0
-25°	44	21	12	8	7	1	0
-27.5°	43	22	11	8	7	2	0
-30°	42	23	11	8	7	2	0
-32.5°	41	24	12	8	6	2	0
-35°	41	25	12	8	6	2	0
-37.5°	42	25	12	8	6	2	0
-40°	42	25	13	8	6	2	0
-42.5°	41	25	13	8	6	2	0
-45°	41	25	13	8	6	2	0
-47.5°	39	25	14	8	6	2	0
-50°	38	24	14	9	6	2	0
-52.5°	37	23	14	9	6	2	0
-55°	36	23	14	9	6	2	0
-57.5°	34	22	14	9	7	2	0
-60°	32	21	13	9	7	2	0
-62.5°	30	20	13	9	6	2	0
-65°	27	18	13	9	6	1	0
-67.5°	25	17	13	9	5	1	0
-70°	22	16	12	9	5	1	0
-72.5°	20	15	12	8	4	1	0
-75°	19	15	11	7	4	1	0
-77.5°	17	13	10	6	3	1	0
-80°	15	11	8	5	3	1	0
-82.5°	12	9	6	4	2	0	0
-85°	8	6	4	2	1	0	0
-87.5°	4	3	2	1	1	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)