

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: P627916 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-727-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627916 (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-SA6D-727-U-MWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 34989.4 lumens
Efficiency: N/A
Efficacy: 107.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 49019.7 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 23435.8 lumens
Beam Efficiency: 67.0%

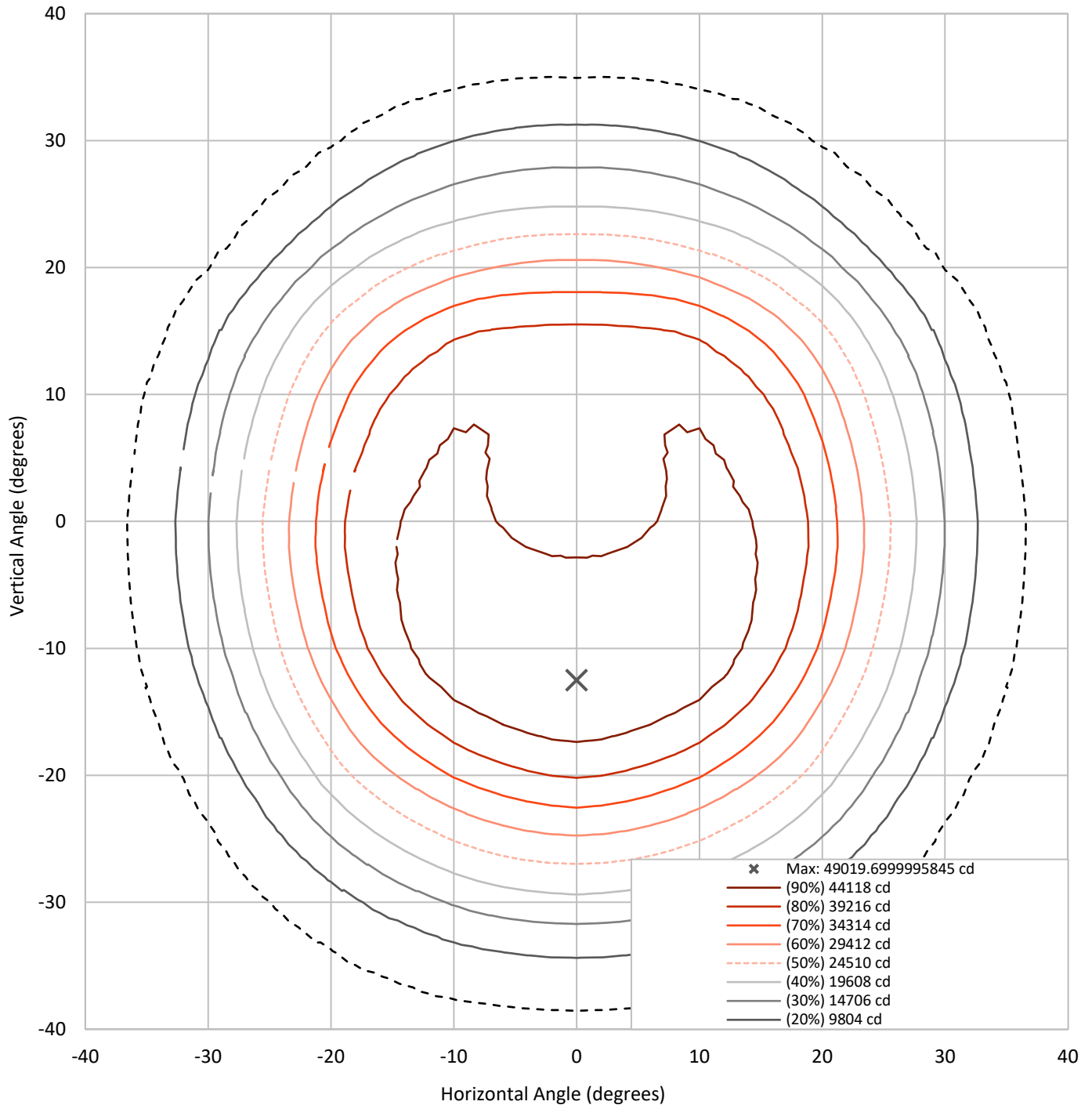
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 31537.6 lumens
Field Efficiency: 90.1%

Input Watts (W): 325.9
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-SA6D-727-U-MWR-VSR-XX

Iso-Candela Plot





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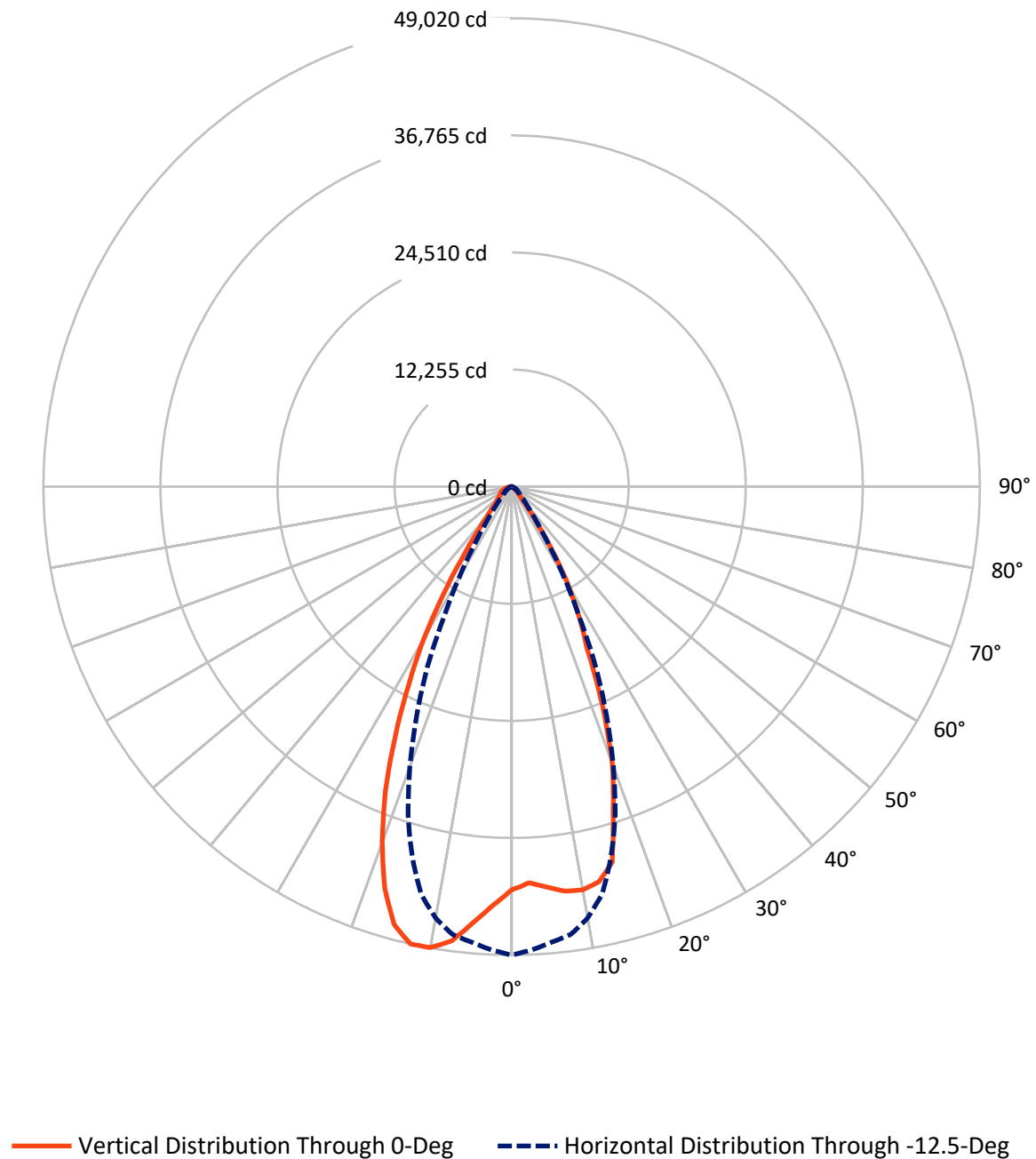
CATALOG NUMBER: GFLD-SA6D-727-U-MWR-VSR-XX

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	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1								
50		0.1	0.2	1.1	2.8	4.8	6.7	7.8	7.8	6.7	4.8	2.8	1.1	0.2		0.1							
40	0.2	0.2	1.4	4.9	9.8	16.1	24.0	29.4	29.4	24.0	16.1	9.8	4.9	1.4	0.2								
30		0.6	3.9	10.1	21.0	45.4	103.3	157.7	157.7	103.3	45.4	21.0	10.1	3.9	0.6								
20	0.4	1.4	6.5	16.3	43.9	162.7	418.8	585.4	585.4	418.8	162.7	43.9	16.3	6.5	1.4								
10		2.3	9.1	25.3	104.5	451.7	942.3	1166.7	1166.7	942.3	451.7	104.5	25.3	9.1	2.3								
0	0.7	3.1	11.3	32.6	166.4	665.1	1214.9	1317.1	1317.1	1214.9	665.1	166.4	32.6	11.3	3.1								
-10		3.6	12.4	34.9	174.1	687.0	1258.7	1397.9	1397.9	1258.7	687.0	174.1	34.9	12.4	3.6								
-20	1.0	3.9	12.6	31.7	124.5	511.5	1061.8	1355.8	1355.8	1061.8	511.5	124.5	31.7	12.6	3.9								
-30		3.7	12.0	26.4	69.6	248.1	591.7	832.6	832.6	591.7	248.1	69.6	26.4	12.0	3.7								
-40	0.9	3.2	10.8	21.9	41.5	88.4	184.9	274.3	274.3	184.9	88.4	41.5	21.9	10.8	3.2								
-50		2.7	9.0	18.2	30.4	44.8	63.1	74.8	74.8	63.1	44.8	30.4	18.2	9.0	2.7								
-60	0.7	2.1	6.8	14.3	23.9	33.0	41.2	45.1	45.1	41.2	33.0	23.9	14.3	6.8	2.1								
-70		1.4	4.3	9.8	16.7	23.6	29.9	33.4	33.4	29.9	23.6	16.7	9.8	4.3	1.4								
-80	0.3	3.9	17.6	37.5	48.1	37.5	17.6	3.9	0.3														
-90																							
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90				

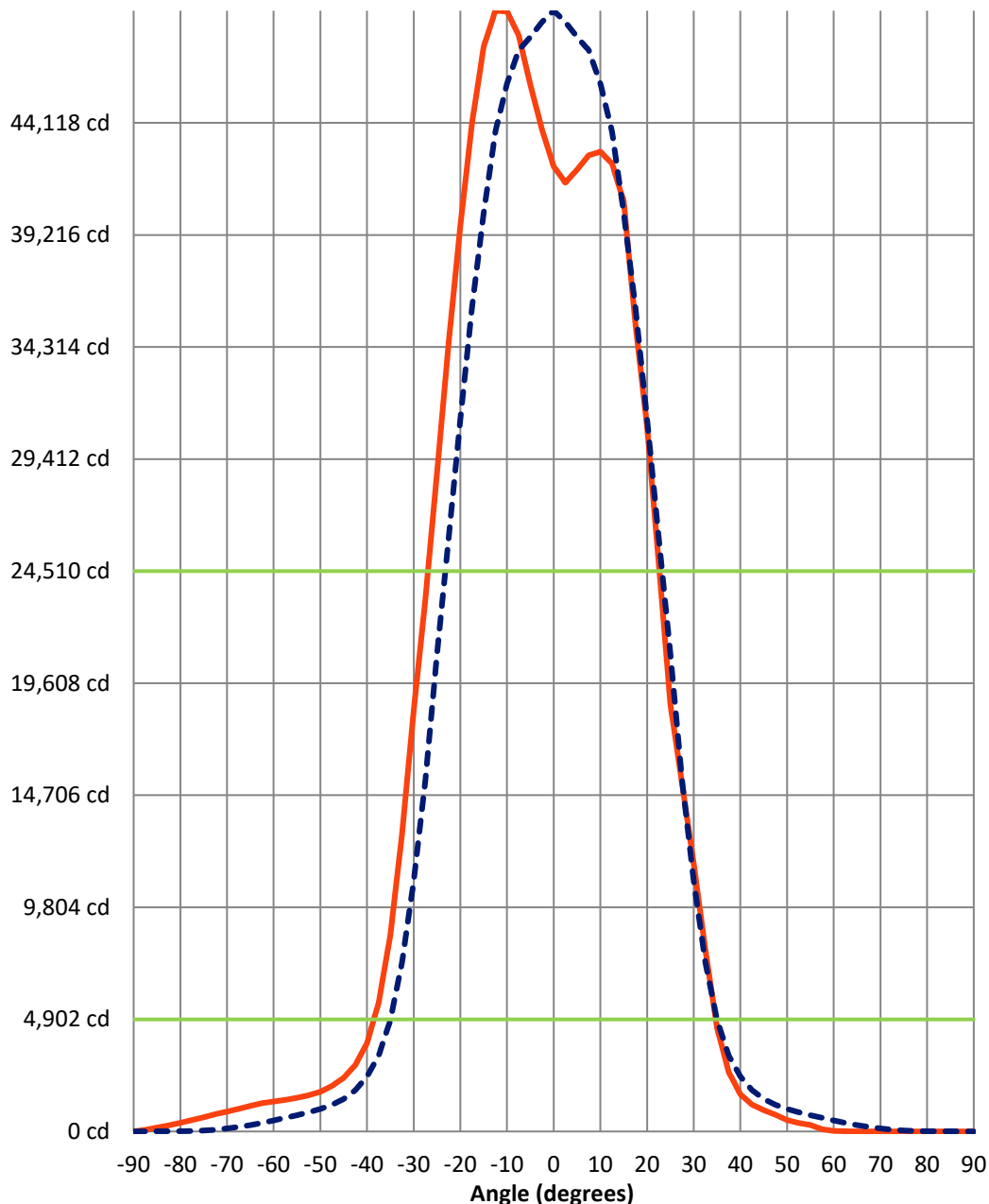
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 23435.8
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 31537.6
 Efficiency: 90.1%

Spill:
 Lumens: 3451.8
 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	3	2
62.5°	0	0	0	3	4	3	1	1	4	4	5
60°	0	0	0	3	5	3	2	4	6	6	7
57.5°	0	0	1	4	5	4	3	6	7	7	8
55°	0	0	1	5	5	4	5	8	7	8	8
52.5°	0	0	2	6	6	4	6	8	8	8	8
50°	0	0	2	7	6	5	7	9	8	8	9
47.5°	0	0	3	8	6	6	8	9	8	8	11
45°	0	0	3	8	6	7	9	10	8	10	13
42.5°	0	0	4	8	7	7	10	10	9	12	16
40°	0	0	4	8	7	8	10	11	10	15	19
37.5°	0	0	5	8	7	8	11	11	13	18	22
35°	0	0	5	8	8	9	13	12	16	23	30
32.5°	0	0	5	8	8	9	14	12	19	28	48
30°	0	0	6	8	8	10	14	13	22	35	64
27.5°	0	0	6	8	8	11	14	16	26	43	80
25°	0	0	6	8	8	12	15	19	32	54	93
22.5°	0	0	7	8	8	13	15	21	39	66	110
20°	0	0	7	8	8	14	16	24	45	77	127
17.5°	0	0	7	8	8	14	17	26	52	87	145
15°	0	0	7	8	8	15	17	30	59	95	162
12.5°	0	0	8	8	8	15	18	36	66	103	179
10°	0	0	8	8	8	15	19	41	72	116	196
7.5°	0	0	8	8	8	16	21	47	77	129	208
5°	0	0	8	8	8	16	22	53	82	143	219
2.5°	0	0	8	8	8	16	23	59	85	156	227
0°	0	0	8	8	8	16	24	64	88	169	233
-2.5°	0	0	8	8	9	17	28	67	100	176	246
-5°	0	0	8	8	9	18	32	68	110	183	256
-7.5°	0	1	8	8	10	18	36	70	120	188	265
-10°	0	1	8	8	11	19	39	71	127	193	272
-12.5°	0	1	8	8	11	20	42	72	133	197	277
-15°	0	1	8	8	12	20	44	73	135	199	280
-17.5°	0	1	7	8	12	20	45	76	134	200	280
-20°	0	1	7	8	12	21	46	79	132	199	276

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CATALOG NUMBER: GFLD-SA6D-727-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	21	46	80	130	196	270
-25°	0	2	7	8	12	22	46	81	128	192	259
-27.5°	0	2	7	8	12	23	46	81	124	187	253
-30°	0	2	7	8	12	25	45	80	123	181	246
-32.5°	0	2	7	8	12	26	43	78	121	176	236
-35°	0	2	7	8	13	26	44	76	118	170	224
-37.5°	0	2	7	8	13	26	44	74	113	165	221
-40°	0	2	7	8	13	27	44	71	106	158	217
-42.5°	0	2	7	8	14	27	44	68	101	150	210
-45°	0	2	7	9	14	26	43	65	96	141	200
-47.5°	0	2	7	9	15	26	41	63	92	130	187
-50°	0	2	7	9	15	25	40	61	87	124	173
-52.5°	0	2	7	9	15	24	39	57	83	118	158
-55°	0	2	7	10	15	24	38	54	79	110	149
-57.5°	0	2	7	10	14	23	36	51	74	103	138
-60°	0	2	7	10	14	22	34	49	69	96	127
-62.5°	0	2	7	10	14	21	32	46	64	88	116
-65°	0	2	6	10	14	19	29	42	58	79	105
-67.5°	0	1	6	10	13	18	26	38	52	70	93
-70°	0	1	5	10	13	17	23	33	46	61	80
-72.5°	0	1	5	9	12	16	21	28	39	52	67
-75°	0	1	4	8	12	15	20	25	32	42	55
-77.5°	0	1	3	6	10	14	18	23	28	34	42
-80°	0	1	3	5	8	12	16	20	24	29	35
-82.5°	0	1	2	4	6	9	12	16	20	24	28
-85°	0	0	1	3	4	6	8	11	14	17	20
-87.5°	0	0	1	1	2	3	4	5	7	8	10
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627916 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-727-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	1	1	0	0	0	0	0	0	0
67.5°	1	2	3	2	0	0	0	1	0	0	0
65°	4	5	4	2	0	2	3	2	0	0	0
62.5°	7	6	4	3	5	6	5	3	1	2	3
60°	8	7	6	6	8	7	5	6	7	8	19
57.5°	8	7	7	9	9	8	10	11	29	48	53
55°	8	8	9	11	12	14	21	45	67	83	90
52.5°	9	9	12	15	19	30	55	82	103	120	141
50°	10	13	17	22	35	63	94	123	150	176	207
47.5°	13	17	24	35	65	100	138	175	207	243	287
45°	17	26	34	62	99	144	190	232	265	307	347
42.5°	20	39	59	88	141	194	246	280	318	364	416
40°	33	55	84	129	186	250	296	332	372	436	499
37.5°	49	77	112	170	239	300	345	389	448	521	597
35°	67	99	149	215	290	347	397	453	533	617	707
32.5°	86	118	186	260	331	392	448	531	615	708	831
30°	103	149	222	303	370	434	512	604	687	802	946
27.5°	122	180	259	338	406	473	576	665	761	891	1064
25°	143	213	293	370	441	525	638	733	831	997	1230
22.5°	168	244	327	400	473	580	702	819	948	1113	1400
20°	194	273	357	436	506	633	769	913	1087	1317	1693
17.5°	219	300	387	472	560	689	841	1012	1229	1515	2067
15°	241	324	415	507	610	747	914	1124	1386	1742	2429
12.5°	262	345	443	542	655	799	978	1206	1516	2028	2892
10°	280	364	469	576	695	845	1034	1275	1622	2233	3237
7.5°	295	384	493	608	729	885	1081	1332	1715	2394	3507
5°	309	408	515	632	755	918	1120	1376	1794	2512	3715
2.5°	320	430	532	651	773	944	1151	1417	1870	2609	3890
0°	329	450	546	667	788	964	1173	1447	1929	2676	4027
-2.5°	341	460	566	679	810	978	1184	1469	1948	2686	3999
-5°	350	467	581	689	828	987	1187	1477	1946	2665	3917
-7.5°	358	472	593	697	837	991	1188	1472	1925	2620	3783
-10°	364	477	597	706	840	990	1182	1453	1880	2534	3582
-12.5°	372	482	598	710	839	984	1167	1421	1808	2404	3323
-15°	377	485	597	709	835	974	1142	1376	1712	2231	3002
-17.5°	379	485	594	703	828	958	1108	1321	1623	2080	2772
-20°	378	484	591	691	819	942	1085	1279	1549	1935	2493

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CATALOG NUMBER: GFLD-SA6D-727-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°	375	480	586	682	803	925	1058	1228	1455	1771	2222
-25°	367	474	578	675	785	905	1024	1173	1370	1650	2025
-27.5°	354	464	567	665	766	882	994	1129	1302	1517	1817
-30°	337	451	551	651	749	857	965	1080	1231	1418	1660
-32.5°	319	436	534	631	730	832	934	1040	1170	1326	1514
-35°	307	417	516	608	706	805	902	1001	1108	1246	1408
-37.5°	300	397	498	584	677	774	868	962	1060	1169	1316
-40°	290	376	476	564	647	741	832	921	1012	1121	1233
-42.5°	278	362	454	543	622	708	795	880	972	1072	1178
-45°	266	345	432	514	595	675	759	839	929	1023	1121
-47.5°	251	325	409	482	561	641	722	802	881	969	1063
-50°	233	303	379	450	520	600	680	761	838	913	996
-52.5°	214	277	349	418	483	550	633	714	791	866	938
-55°	194	252	318	385	450	509	580	663	739	812	887
-57.5°	178	227	287	351	415	476	541	611	686	757	830
-60°	163	204	254	314	377	438	501	566	634	703	768
-62.5°	148	183	225	274	333	394	453	514	579	637	695
-65°	134	162	197	238	285	340	397	456	514	566	616
-67.5°	118	143	171	202	243	289	335	388	442	492	540
-70°	102	124	148	174	204	242	284	327	370	415	461
-72.5°	85	105	125	146	173	205	238	272	310	349	388
-75°	69	85	103	121	143	169	196	226	256	287	319
-77.5°	55	68	82	97	113	134	155	179	203	228	252
-80°	42	51	63	75	88	102	117	133	151	171	192
-82.5°	34	40	47	55	63	73	83	94	108	123	137
-85°	24	28	32	37	42	47	54	60	69	78	87
-87.5°	12	14	16	18	21	23	26	28	33	37	41
-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	6	6	7
60°	21	15	20	26	26	19	29	33	30	24	25
57.5°	56	61	69	81	90	95	103	111	117	121	124
55°	103	124	146	156	173	199	222	224	228	234	247
52.5°	165	189	200	220	254	275	286	305	325	344	361
50°	240	260	285	315	348	369	376	409	449	482	502
47.5°	315	343	386	441	469	493	526	569	613	660	697
45°	385	434	490	538	576	617	662	715	785	850	900
42.5°	465	520	577	633	674	743	822	884	984	1071	1127
40°	558	613	694	762	847	934	1070	1196	1322	1468	1575
37.5°	669	754	868	979	1104	1234	1476	1725	1927	2212	2370
35°	804	934	1096	1261	1462	1773	2128	2607	3105	3520	3920
32.5°	959	1126	1349	1645	1982	2481	3013	3896	4756	5616	6459
30°	1111	1354	1695	2101	2656	3446	4449	5813	7291	8585	9756
27.5°	1314	1658	2102	2709	3652	4810	6662	8556	10438	12118	13325
25°	1559	2021	2649	3653	5016	6936	9417	11740	13948	15596	16983
22.5°	1914	2606	3497	4776	7249	9919	12889	15811	18292	20368	21735
20°	2353	3289	4779	7098	10006	13345	17167	20241	23297	25632	27718
17.5°	2974	4465	6568	9513	12989	17442	21378	24806	28685	31072	33200
15°	3533	5448	8448	12205	16277	20997	25639	29837	33582	36205	38584
12.5°	4239	6495	9942	14362	18816	24071	28896	33391	37058	39758	41422
10°	4872	7567	11435	16057	21044	26533	31533	36213	39765	41852	43076
7.5°	5383	8458	12645	17508	22772	28298	33580	38224	41623	43369	44205
5°	5779	9119	13592	18698	24166	29819	35210	39756	42619	44062	44529
2.5°	6076	9578	14230	19481	25106	30943	36447	40927	43369	44411	44565
0°	6277	9902	14644	19973	25912	31346	37116	41665	43988	44824	44905
-2.5°	6230	9785	14626	19795	25820	31527	37223	41713	44198	45321	45504
-5°	6103	9510	14141	19288	25085	30801	36234	40974	44025	45721	46472
-7.5°	5859	9034	13311	18320	23896	29617	35157	40075	43586	45972	47442
-10°	5442	8339	12250	17095	22590	28041	33519	38623	42404	45277	47324
-12.5°	4873	7396	10957	15361	20885	25974	31160	36051	40177	43720	45836
-15°	4286	6414	9612	13642	18451	23463	28255	33053	37127	40439	43079
-17.5°	3868	5554	8055	11582	15805	20560	25234	29643	33318	36432	39201
-20°	3339	4591	6572	9537	13255	17411	21889	25813	29095	32015	34659



REPORT NUMBER: P627916 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-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°	2918	3931	5362	7386	10725	14391	18054	21667	24752	27352	29609
-25°	2535	3247	4365	6011	8182	11348	14435	17485	20334	22751	24784
-27.5°	2235	2801	3546	4718	6366	8213	10918	13467	15916	18127	20043
-30°	1962	2386	2969	3702	4823	6195	7822	9728	11681	13426	15168
-32.5°	1766	2068	2469	3012	3640	4623	5606	6888	8125	9397	10647
-35°	1590	1833	2105	2469	2900	3473	4121	4904	5566	6399	7166
-37.5°	1469	1640	1848	2078	2386	2706	3145	3620	4030	4494	4884
-40°	1369	1503	1644	1799	2011	2227	2510	2777	3037	3320	3531
-42.5°	1285	1393	1494	1614	1739	1913	2103	2269	2427	2594	2732
-45°	1219	1299	1381	1474	1569	1694	1829	1954	2057	2149	2225
-47.5°	1148	1220	1292	1364	1445	1536	1625	1704	1790	1862	1914
-50°	1078	1149	1215	1277	1347	1419	1489	1553	1613	1667	1700
-52.5°	1010	1084	1148	1205	1265	1324	1381	1439	1492	1539	1561
-55°	959	1026	1092	1143	1193	1243	1294	1348	1398	1444	1458
-57.5°	902	971	1033	1081	1127	1172	1220	1269	1317	1360	1374
-60°	836	909	964	1009	1056	1105	1149	1194	1238	1276	1291
-62.5°	759	823	874	919	961	1001	1050	1097	1143	1181	1204
-65°	666	722	771	816	857	895	941	985	1027	1060	1084
-67.5°	585	629	670	709	749	789	831	872	912	941	960
-70°	505	546	584	621	656	691	726	760	794	819	838
-72.5°	427	462	495	528	560	591	621	650	679	701	719
-75°	352	383	411	439	466	491	514	537	559	578	594
-77.5°	278	303	327	350	374	393	411	429	445	461	476
-80°	213	231	248	266	284	298	312	326	339	351	363
-82.5°	153	164	176	188	200	210	220	230	239	248	256
-85°	97	104	110	117	123	129	135	141	147	153	158
-87.5°	46	49	52	55	58	61	64	67	70	73	75
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627916 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-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	8	8	8	8	8	7	7	6	6	5
60°	25	24	24	24	24	24	25	25	24	30	33
57.5°	121	113	105	96	105	113	121	124	121	117	111
55°	263	277	283	281	283	277	263	247	234	228	224
52.5°	373	380	378	370	378	380	373	361	344	325	305
50°	510	511	506	498	506	511	510	502	482	449	409
47.5°	716	727	732	731	732	727	716	697	660	613	569
45°	919	929	934	932	934	929	919	900	850	785	715
42.5°	1156	1174	1179	1174	1179	1174	1156	1127	1071	984	884
40°	1638	1658	1649	1624	1649	1658	1638	1575	1468	1322	1196
37.5°	2481	2561	2595	2596	2595	2561	2481	2370	2212	1927	1725
35°	4279	4566	4697	4533	4697	4566	4279	3920	3520	3105	2607
32.5°	7147	7655	7941	7941	7941	7655	7147	6459	5616	4756	3896
30°	10642	11277	11634	11710	11634	11277	10642	9756	8585	7291	5813
27.5°	14266	14923	15265	15215	15265	14923	14266	13325	12118	10438	8556
25°	17903	18400	18687	18695	18687	18400	17903	16983	15596	13948	11740
22.5°	23274	24321	24752	24868	24752	24321	23274	21735	20368	18292	15811
20°	29130	30145	30800	30839	30800	30145	29130	27718	25632	23297	20241
17.5°	34710	35213	35306	35348	35306	35213	34710	33200	31072	28685	24806
15°	39969	40146	40611	40669	40611	40146	39969	38584	36205	33582	29837
12.5°	42467	42629	42549	42333	42549	42629	42467	41422	39758	37058	33391
10°	43828	43601	43262	42855	43262	43601	43828	43076	41852	39765	36213
7.5°	44137	43884	43287	42694	43287	43884	44137	44205	43369	41623	38224
5°	44283	43541	42787	42067	42787	43541	44283	44529	44062	42619	39756
2.5°	44197	43314	42278	41505	42278	43314	44197	44565	44411	43369	40927
0°	44479	43586	42501	42212	42501	43586	44479	44905	44824	43988	41665
-2.5°	45264	44541	43974	43819	43974	44541	45264	45504	45321	44198	41713
-5°	46676	46517	45554	45781	45554	46517	46676	46472	45721	44025	40974
-7.5°	48041	47815	47407	47935	47407	47815	48041	47442	45972	43586	40075
-10°	48404	48330	48520	48987	48520	48330	48404	47324	45277	42404	38623
-12.5°	47291	47874	48528	49020	48528	47874	47291	45836	43720	40177	36051
-15°	44812	46004	46980	47444	46980	46004	44812	43079	40439	37127	33053
-17.5°	41160	42621	43779	44109	43779	42621	41160	39201	36432	33318	29643
-20°	36663	38150	39204	39624	39204	38150	36663	34659	32015	29095	25813



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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°	31603	33055	34009	34512	34009	33055	31603	29609	27352	24752	21667
-25°	26468	27744	28591	28814	28591	27744	26468	24784	22751	20334	17485
-27.5°	21557	22583	23207	23276	23207	22583	21557	20043	18127	15916	13467
-30°	16616	17569	18110	18397	18110	17569	16616	15168	13426	11681	9728
-32.5°	11670	12426	12884	13004	12884	12426	11670	10647	9397	8125	6888
-35°	7781	8251	8541	8600	8541	8251	7781	7166	6399	5566	4904
-37.5°	5202	5432	5573	5642	5573	5432	5202	4884	4494	4030	3620
-40°	3686	3793	3853	3866	3853	3793	3686	3531	3320	3037	2777
-42.5°	2819	2874	2902	2910	2902	2874	2819	2732	2594	2427	2269
-45°	2278	2316	2339	2347	2339	2316	2278	2225	2149	2057	1954
-47.5°	1949	1973	1988	1993	1988	1973	1949	1914	1862	1790	1704
-50°	1719	1733	1739	1736	1739	1733	1719	1700	1667	1613	1553
-52.5°	1575	1584	1587	1583	1587	1584	1575	1561	1539	1492	1439
-55°	1467	1474	1474	1471	1474	1474	1467	1458	1444	1398	1348
-57.5°	1385	1393	1391	1382	1391	1393	1385	1374	1360	1317	1269
-60°	1303	1313	1314	1310	1314	1313	1303	1291	1276	1238	1194
-62.5°	1223	1239	1241	1238	1241	1239	1223	1204	1181	1143	1097
-65°	1106	1125	1125	1117	1125	1125	1106	1084	1060	1027	985
-67.5°	977	991	992	989	992	991	977	960	941	912	872
-70°	856	871	871	868	871	871	856	838	819	794	760
-72.5°	736	751	755	756	755	751	736	719	701	679	650
-75°	609	623	622	619	622	623	609	594	578	559	537
-77.5°	490	504	502	498	502	504	490	476	461	445	429
-80°	374	384	381	378	381	384	374	363	351	339	326
-82.5°	264	272	269	265	269	272	264	256	248	239	230
-85°	163	168	169	169	169	168	163	158	153	147	141
-87.5°	78	80	76	72	76	80	78	75	73	70	67
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627916 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-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	1
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°	29	19	26	26	20	15	21	19	8	7	6
57.5°	103	95	90	81	69	61	56	53	48	29	11
55°	222	199	173	156	146	124	103	90	83	67	45
52.5°	286	275	254	220	200	189	165	141	120	103	82
50°	376	369	348	315	285	260	240	207	176	150	123
47.5°	526	493	469	441	386	343	315	287	243	207	175
45°	662	617	576	538	490	434	385	347	307	265	232
42.5°	822	743	674	633	577	520	465	416	364	318	280
40°	1070	934	847	762	694	613	558	499	436	372	332
37.5°	1476	1234	1104	979	868	754	669	597	521	448	389
35°	2128	1773	1462	1261	1096	934	804	707	617	533	453
32.5°	3013	2481	1982	1645	1349	1126	959	831	708	615	531
30°	4449	3446	2656	2101	1695	1354	1111	946	802	687	604
27.5°	6662	4810	3652	2709	2102	1658	1314	1064	891	761	665
25°	9417	6936	5016	3653	2649	2021	1559	1230	997	831	733
22.5°	12889	9919	7249	4776	3497	2606	1914	1400	1113	948	819
20°	17167	13345	10006	7098	4779	3289	2353	1693	1317	1087	913
17.5°	21378	17442	12989	9513	6568	4465	2974	2067	1515	1229	1012
15°	25639	20997	16277	12205	8448	5448	3533	2429	1742	1386	1124
12.5°	28896	24071	18816	14362	9942	6495	4239	2892	2028	1516	1206
10°	31533	26533	21044	16057	11435	7567	4872	3237	2233	1622	1275
7.5°	33580	28298	22772	17508	12645	8458	5383	3507	2394	1715	1332
5°	35210	29819	24166	18698	13592	9119	5779	3715	2512	1794	1376
2.5°	36447	30943	25106	19481	14230	9578	6076	3890	2609	1870	1417
0°	37116	31346	25912	19973	14644	9902	6277	4027	2676	1929	1447
-2.5°	37223	31527	25820	19795	14626	9785	6230	3999	2686	1948	1469
-5°	36234	30801	25085	19288	14141	9510	6103	3917	2665	1946	1477
-7.5°	35157	29617	23896	18320	13311	9034	5859	3783	2620	1925	1472
-10°	33519	28041	22590	17095	12250	8339	5442	3582	2534	1880	1453
-12.5°	31160	25974	20885	15361	10957	7396	4873	3323	2404	1808	1421
-15°	28255	23463	18451	13642	9612	6414	4286	3002	2231	1712	1376
-17.5°	25234	20560	15805	11582	8055	5554	3868	2772	2080	1623	1321
-20°	21889	17411	13255	9537	6572	4591	3339	2493	1935	1549	1279

Classified

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

Scaled Data Report



REPORT NUMBER: P627916 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-727-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°	18054	14391	10725	7386	5362	3931	2918	2222	1771	1455	1228
-25°	14435	11348	8182	6011	4365	3247	2535	2025	1650	1370	1173
-27.5°	10918	8213	6366	4718	3546	2801	2235	1817	1517	1302	1129
-30°	7822	6195	4823	3702	2969	2386	1962	1660	1418	1231	1080
-32.5°	5606	4623	3640	3012	2469	2068	1766	1514	1326	1170	1040
-35°	4121	3473	2900	2469	2105	1833	1590	1408	1246	1108	1001
-37.5°	3145	2706	2386	2078	1848	1640	1469	1316	1169	1060	962
-40°	2510	2227	2011	1799	1644	1503	1369	1233	1121	1012	921
-42.5°	2103	1913	1739	1614	1494	1393	1285	1178	1072	972	880
-45°	1829	1694	1569	1474	1381	1299	1219	1121	1023	929	839
-47.5°	1625	1536	1445	1364	1292	1220	1148	1063	969	881	802
-50°	1489	1419	1347	1277	1215	1149	1078	996	913	838	761
-52.5°	1381	1324	1265	1205	1148	1084	1010	938	866	791	714
-55°	1294	1243	1193	1143	1092	1026	959	887	812	739	663
-57.5°	1220	1172	1127	1081	1033	971	902	830	757	686	611
-60°	1149	1105	1056	1009	964	909	836	768	703	634	566
-62.5°	1050	1001	961	919	874	823	759	695	637	579	514
-65°	941	895	857	816	771	722	666	616	566	514	456
-67.5°	831	789	749	709	670	629	585	540	492	442	388
-70°	726	691	656	621	584	546	505	461	415	370	327
-72.5°	621	591	560	528	495	462	427	388	349	310	272
-75°	514	491	466	439	411	383	352	319	287	256	226
-77.5°	411	393	374	350	327	303	278	252	228	203	179
-80°	312	298	284	266	248	231	213	192	171	151	133
-82.5°	220	210	200	188	176	164	153	137	123	108	94
-85°	135	129	123	117	110	104	97	87	78	69	60
-87.5°	64	61	58	55	52	49	46	41	37	33	28
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627916 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-727-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	3	2	0
62.5°	5	6	5	3	4	6	7	5	4	4	1
60°	5	7	8	6	6	7	8	7	6	6	4
57.5°	10	8	9	9	7	7	8	8	7	7	6
55°	21	14	12	11	9	8	8	8	8	7	8
52.5°	55	30	19	15	12	9	9	8	8	8	8
50°	94	63	35	22	17	13	10	9	8	8	9
47.5°	138	100	65	35	24	17	13	11	8	8	9
45°	190	144	99	62	34	26	17	13	10	8	10
42.5°	246	194	141	88	59	39	20	16	12	9	10
40°	296	250	186	129	84	55	33	19	15	10	11
37.5°	345	300	239	170	112	77	49	22	18	13	11
35°	397	347	290	215	149	99	67	30	23	16	12
32.5°	448	392	331	260	186	118	86	48	28	19	12
30°	512	434	370	303	222	149	103	64	35	22	13
27.5°	576	473	406	338	259	180	122	80	43	26	16
25°	638	525	441	370	293	213	143	93	54	32	19
22.5°	702	580	473	400	327	244	168	110	66	39	21
20°	769	633	506	436	357	273	194	127	77	45	24
17.5°	841	689	560	472	387	300	219	145	87	52	26
15°	914	747	610	507	415	324	241	162	95	59	30
12.5°	978	799	655	542	443	345	262	179	103	66	36
10°	1034	845	695	576	469	364	280	196	116	72	41
7.5°	1081	885	729	608	493	384	295	208	129	77	47
5°	1120	918	755	632	515	408	309	219	143	82	53
2.5°	1151	944	773	651	532	430	320	227	156	85	59
0°	1173	964	788	667	546	450	329	233	169	88	64
-2.5°	1184	978	810	679	566	460	341	246	176	100	67
-5°	1187	987	828	689	581	467	350	256	183	110	68
-7.5°	1188	991	837	697	593	472	358	265	188	120	70
-10°	1182	990	840	706	597	477	364	272	193	127	71
-12.5°	1167	984	839	710	598	482	372	277	197	133	72
-15°	1142	974	835	709	597	485	377	280	199	135	73
-17.5°	1108	958	828	703	594	485	379	280	200	134	76
-20°	1085	942	819	691	591	484	378	276	199	132	79

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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°	1058	925	803	682	586	480	375	270	196	130	80
-25°	1024	905	785	675	578	474	367	259	192	128	81
-27.5°	994	882	766	665	567	464	354	253	187	124	81
-30°	965	857	749	651	551	451	337	246	181	123	80
-32.5°	934	832	730	631	534	436	319	236	176	121	78
-35°	902	805	706	608	516	417	307	224	170	118	76
-37.5°	868	774	677	584	498	397	300	221	165	113	74
-40°	832	741	647	564	476	376	290	217	158	106	71
-42.5°	795	708	622	543	454	362	278	210	150	101	68
-45°	759	675	595	514	432	345	266	200	141	96	65
-47.5°	722	641	561	482	409	325	251	187	130	92	63
-50°	680	600	520	450	379	303	233	173	124	87	61
-52.5°	633	550	483	418	349	277	214	158	118	83	57
-55°	580	509	450	385	318	252	194	149	110	79	54
-57.5°	541	476	415	351	287	227	178	138	103	74	51
-60°	501	438	377	314	254	204	163	127	96	69	49
-62.5°	453	394	333	274	225	183	148	116	88	64	46
-65°	397	340	285	238	197	162	134	105	79	58	42
-67.5°	335	289	243	202	171	143	118	93	70	52	38
-70°	284	242	204	174	148	124	102	80	61	46	33
-72.5°	238	205	173	146	125	105	85	67	52	39	28
-75°	196	169	143	121	103	85	69	55	42	32	25
-77.5°	155	134	113	97	82	68	55	42	34	28	23
-80°	117	102	88	75	63	51	42	35	29	24	20
-82.5°	83	73	63	55	47	40	34	28	24	20	16
-85°	54	47	42	37	32	28	24	20	17	14	11
-87.5°	26	23	21	18	16	14	12	10	8	7	5
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA6D-727-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	3	0	0	0
60°	2	3	5	3	0	0	0
57.5°	3	4	5	4	1	0	0
55°	5	4	5	5	1	0	0
52.5°	6	4	6	6	2	0	0
50°	7	5	6	7	2	0	0
47.5°	8	6	6	8	3	0	0
45°	9	7	6	8	3	0	0
42.5°	10	7	7	8	4	0	0
40°	10	8	7	8	4	0	0
37.5°	11	8	7	8	5	0	0
35°	13	9	8	8	5	0	0
32.5°	14	9	8	8	5	0	0
30°	14	10	8	8	6	0	0
27.5°	14	11	8	8	6	0	0
25°	15	12	8	8	6	0	0
22.5°	15	13	8	8	7	0	0
20°	16	14	8	8	7	0	0
17.5°	17	14	8	8	7	0	0
15°	17	15	8	8	7	0	0
12.5°	18	15	8	8	8	0	0
10°	19	15	8	8	8	0	0
7.5°	21	16	8	8	8	0	0
5°	22	16	8	8	8	0	0
2.5°	23	16	8	8	8	0	0
0°	24	16	8	8	8	0	0
-2.5°	28	17	9	8	8	0	0
-5°	32	18	9	8	8	0	0
-7.5°	36	18	10	8	8	1	0
-10°	39	19	11	8	8	1	0
-12.5°	42	20	11	8	8	1	0
-15°	44	20	12	8	8	1	0
-17.5°	45	20	12	8	7	1	0
-20°	46	21	12	8	7	1	0

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CATALOG NUMBER: GFLD-SA6D-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	46	21	12	8	7	1	0
-25°	46	22	12	8	7	2	0
-27.5°	46	23	12	8	7	2	0
-30°	45	25	12	8	7	2	0
-32.5°	43	26	12	8	7	2	0
-35°	44	26	13	8	7	2	0
-37.5°	44	26	13	8	7	2	0
-40°	44	27	13	8	7	2	0
-42.5°	44	27	14	8	7	2	0
-45°	43	26	14	9	7	2	0
-47.5°	41	26	15	9	7	2	0
-50°	40	25	15	9	7	2	0
-52.5°	39	24	15	9	7	2	0
-55°	38	24	15	10	7	2	0
-57.5°	36	23	14	10	7	2	0
-60°	34	22	14	10	7	2	0
-62.5°	32	21	14	10	7	2	0
-65°	29	19	14	10	6	2	0
-67.5°	26	18	13	10	6	1	0
-70°	23	17	13	10	5	1	0
-72.5°	21	16	12	9	5	1	0
-75°	20	15	12	8	4	1	0
-77.5°	18	14	10	6	3	1	0
-80°	16	12	8	5	3	1	0
-82.5°	12	9	6	4	2	1	0
-85°	8	6	4	3	1	0	0
-87.5°	4	3	2	1	1	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)