

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: P627996 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-735-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627996 (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-SA6E-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: 45719.2 lumens
Efficiency: N/A
Efficacy: 121.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 64052 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 30622.6 lumens
Beam Efficiency: 67.0%

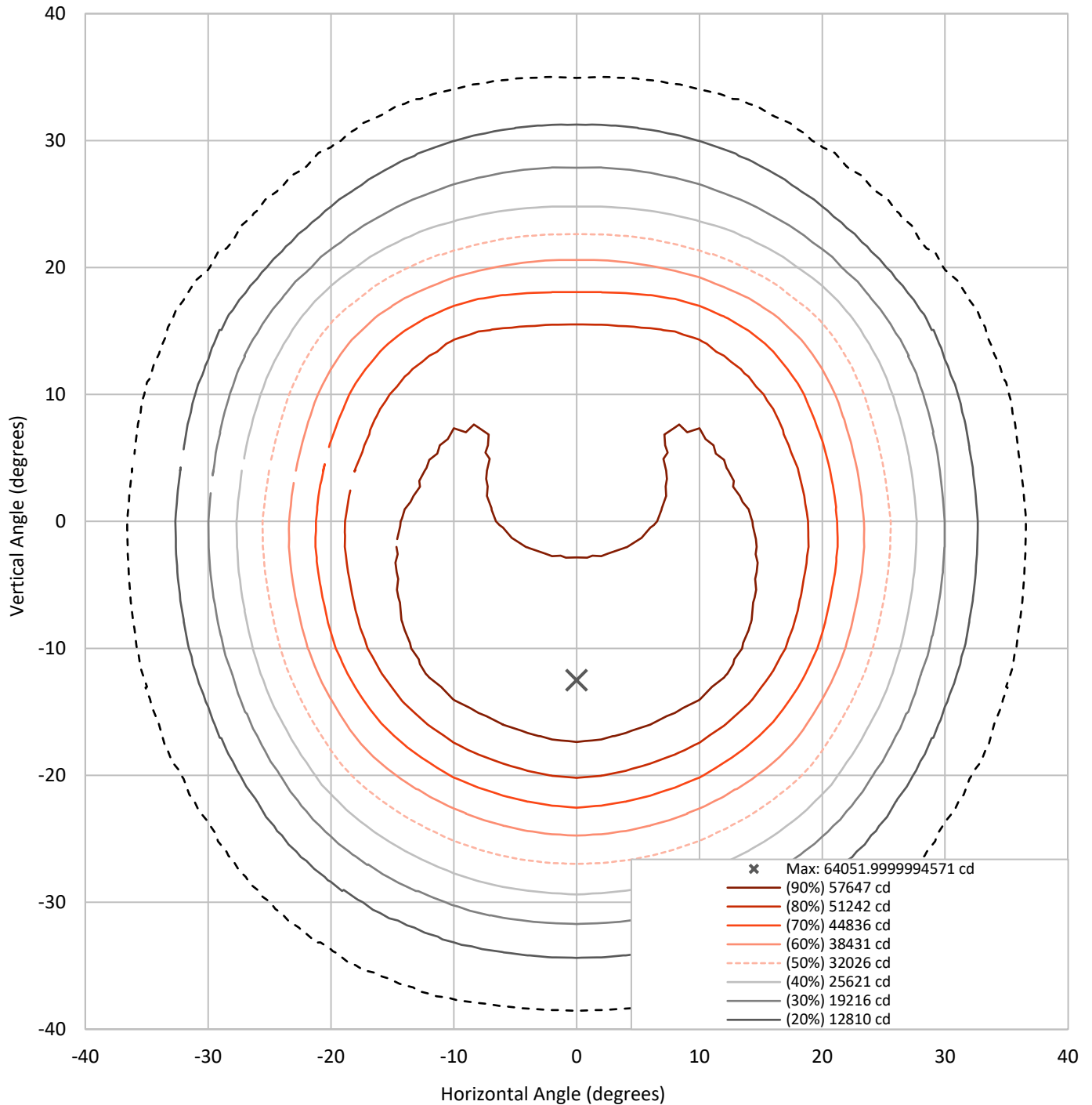
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 41208.8 lumens
Field Efficiency: 90.1%

Input Watts (W): 376.7
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-SA6E-735-U-MWR-VSR-XX

Iso-Candela Plot





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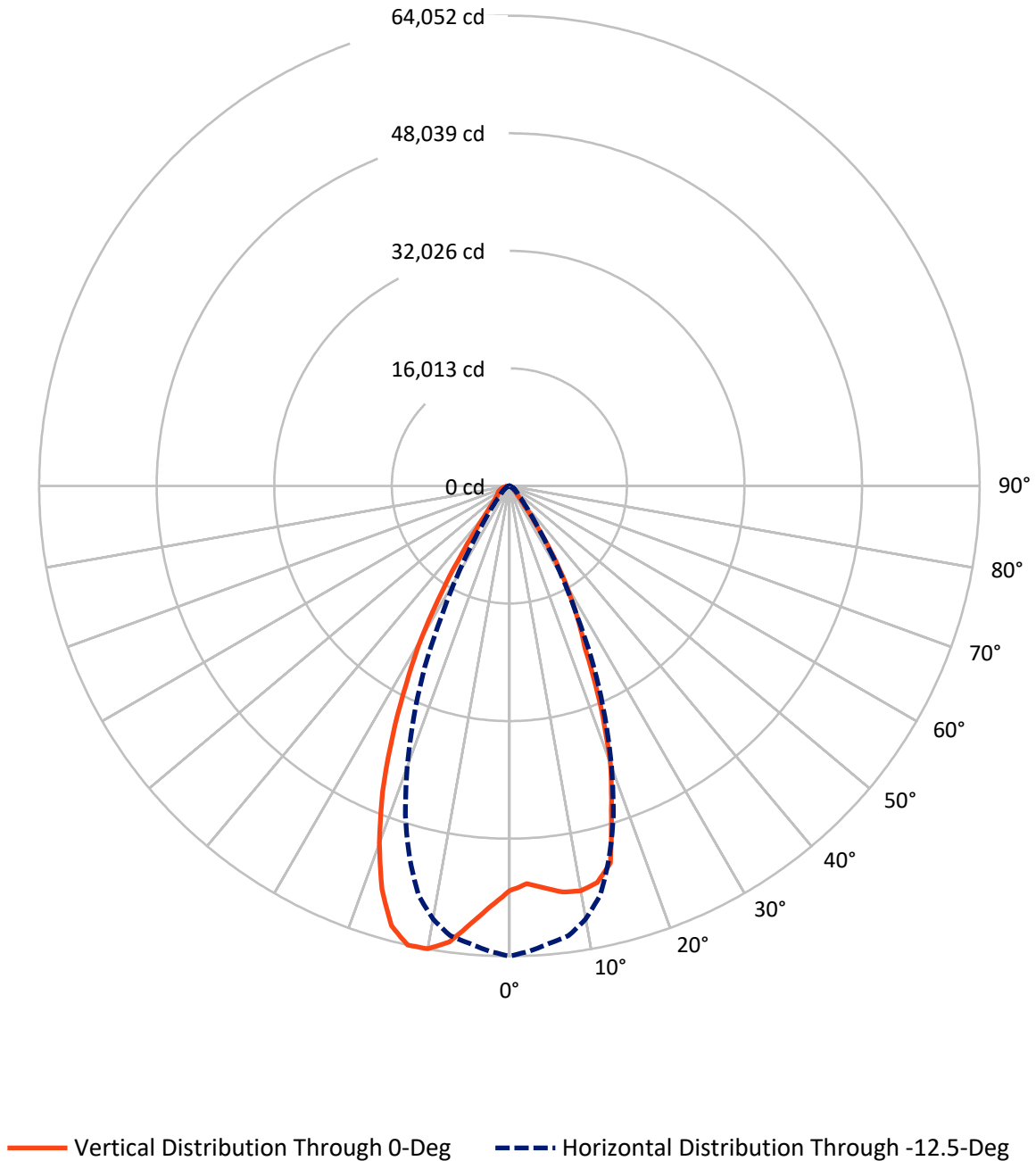
CATALOG NUMBER: GFLD-SA6E-735-U-MWR-VSR-XX

Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0					
70																			
60	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1				
50		0.1	0.3	1.5	3.7	6.3	8.7	10.1	10.1	8.7	6.3	3.7	1.5	0.3		0.1			
40	0.2	0.3	1.8	6.5	12.8	21.0	31.3	38.4	38.4	31.3	21.0	12.8	6.5	1.8	0.2				
30		0.8	5.1	13.2	27.4	59.4	134.9	206.1	206.1	134.9	59.4	27.4	13.2	5.1		0.8			
20	0.5	1.8	8.5	21.3	57.4	212.6	547.3	765.0	765.0	547.3	212.6	57.4	21.3	8.5	0.5				
10		3.0	11.9	33.0	136.5	590.2	1231.2	1524.4	1524.4	1231.2	590.2	136.5	33.0	11.9		3.0			
0	0.9	4.0	14.8	42.6	217.4	869.1	1587.5	1721.0	1721.0	1587.5	869.1	217.4	42.6	14.8	0.9				
-10		4.7	16.3	45.6	227.4	897.6	1644.7	1826.6	1826.6	1644.7	897.6	227.4	45.6	16.3		4.7			
-20	1.3	5.0	16.5	41.4	162.7	668.3	1387.5	1771.5	1771.5	1387.5	668.3	162.7	41.4	16.5	1.3				
-30		4.9	15.7	34.4	91.0	324.2	773.1	1087.9	1087.9	773.1	324.2	91.0	34.4	15.7		4.9			
-40	1.2	4.2	14.0	28.6	54.3	115.5	241.6	358.4	358.4	241.6	115.5	54.3	28.6	14.0	1.2				
-50		3.6	11.8	23.8	39.7	58.6	82.4	97.7	97.7	82.4	58.6	39.7	23.8	11.8		3.6			
-60	0.9	2.7	8.9	18.7	31.2	43.2	53.9	58.9	58.9	53.9	43.2	31.2	18.7	8.9	0.9				
-70		1.8	5.7	12.8	21.9	30.9	39.1	43.7	43.7	39.1	30.9	21.9	12.8	5.7		1.8			
-80	0.3	5.1		23.0		49.0		62.8		49.0		23.0		5.1	0.3				
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

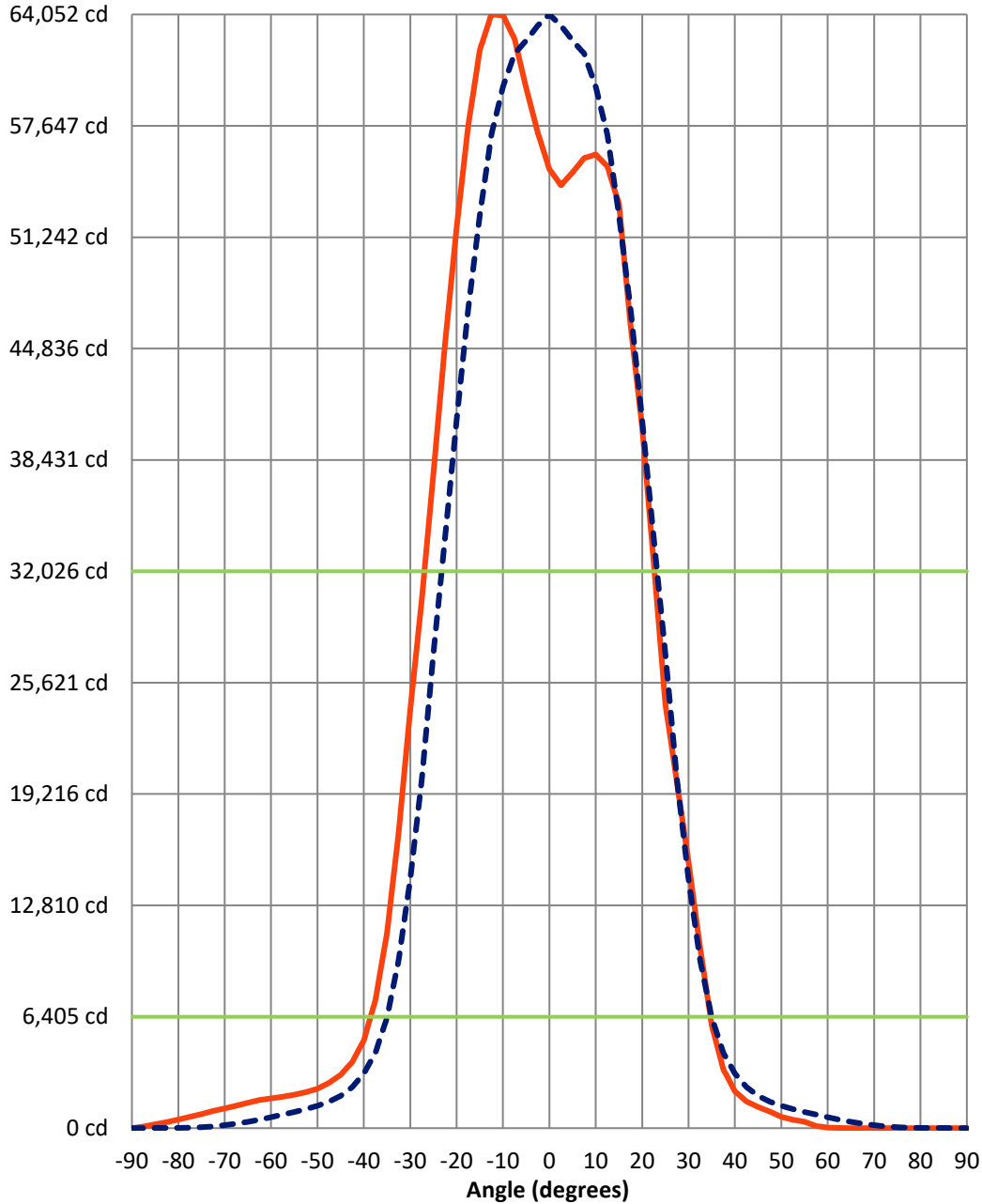
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 30622.6
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 41208.8
 Efficiency: 90.1%

Spill:
 Lumens: 4510.3
 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	2	1	0	0	0	0
70°	0	0	0	0	2	2	1	0	0	0	0
67.5°	0	0	0	1	3	3	1	0	0	2	1
65°	0	0	0	2	4	4	1	0	2	3	3
62.5°	0	0	0	3	5	4	2	2	5	5	7
60°	0	0	0	4	7	4	2	5	7	8	10
57.5°	0	0	1	6	7	5	4	8	9	9	11
55°	0	0	2	7	7	5	6	10	10	11	11
52.5°	0	0	2	8	7	5	8	11	10	11	11
50°	0	0	3	9	8	7	9	11	11	11	12
47.5°	0	0	4	10	8	8	11	12	11	11	15
45°	0	0	4	10	8	9	11	13	11	13	17
42.5°	0	0	5	10	9	9	12	14	12	16	21
40°	0	0	6	11	9	10	14	14	13	19	25
37.5°	0	0	6	11	10	10	15	15	17	24	29
35°	0	0	7	11	10	11	16	15	21	30	39
32.5°	0	0	7	11	10	12	18	16	25	37	63
30°	0	0	8	11	10	13	18	17	29	46	84
27.5°	0	0	8	11	11	15	19	21	35	56	104
25°	0	0	9	11	11	16	19	24	42	71	122
22.5°	0	0	9	11	11	17	20	28	51	86	144
20°	0	0	9	11	11	18	21	31	59	101	166
17.5°	0	0	10	11	11	19	22	34	68	113	189
15°	0	0	10	11	11	19	23	39	78	125	212
12.5°	0	0	10	11	11	20	24	46	87	135	234
10°	0	0	10	11	11	20	25	54	94	151	255
7.5°	0	0	10	11	11	21	27	62	101	169	272
5°	0	0	10	11	11	21	29	70	107	187	286
2.5°	0	0	10	11	11	21	30	77	111	204	296
0°	0	0	11	11	11	21	31	84	115	220	305
-2.5°	0	0	10	11	11	22	37	87	130	230	321
-5°	0	0	10	11	12	23	42	89	144	239	335
-7.5°	0	1	10	11	13	24	47	91	157	246	347
-10°	0	1	10	11	14	25	51	93	166	252	356
-12.5°	0	1	10	11	15	26	55	94	174	258	363
-15°	0	1	10	11	15	26	57	96	176	260	366
-17.5°	0	2	10	11	16	27	59	99	175	261	366
-20°	0	2	10	11	16	27	60	103	173	260	361

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REPORT NUMBER: P627996 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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	2	10	11	16	27	60	105	170	256	352
-25°	0	2	9	11	16	29	60	106	167	251	339
-27.5°	0	2	9	11	16	31	60	106	163	244	331
-30°	0	2	9	11	16	32	58	104	161	237	321
-32.5°	0	2	9	11	16	33	57	102	158	230	308
-35°	0	2	9	11	17	34	57	100	154	223	293
-37.5°	0	3	9	11	17	35	58	96	147	215	289
-40°	0	3	9	11	17	35	58	93	139	206	284
-42.5°	0	3	9	11	18	35	57	88	132	196	274
-45°	0	3	9	11	19	35	56	85	126	184	261
-47.5°	0	3	9	12	19	34	54	82	120	170	245
-50°	0	3	9	12	19	33	53	79	114	163	226
-52.5°	0	3	9	12	19	32	51	75	109	154	206
-55°	0	2	9	13	19	31	49	70	104	144	194
-57.5°	0	2	9	13	19	30	47	67	97	135	180
-60°	0	2	9	13	18	29	44	64	90	125	166
-62.5°	0	2	9	13	18	27	41	60	84	115	152
-65°	0	2	8	13	18	25	38	55	76	104	137
-67.5°	0	2	7	13	17	24	34	49	68	92	121
-70°	0	2	7	13	17	23	30	43	60	79	105
-72.5°	0	2	6	11	16	21	28	37	51	68	87
-75°	0	1	5	10	16	20	26	33	42	55	72
-77.5°	0	1	4	8	13	19	24	29	36	44	55
-80°	0	1	4	7	11	16	21	26	32	38	45
-82.5°	0	1	3	5	8	12	16	21	26	31	37
-85°	0	0	2	3	5	8	11	14	18	22	27
-87.5°	0	0	1	2	3	4	5	7	9	11	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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	1	1	0	0	0	0	0	0	0
67.5°	1	3	4	2	0	0	0	1	0	0	0
65°	5	7	5	3	0	2	4	3	0	0	0
62.5°	10	8	6	4	6	8	6	4	1	3	4
60°	11	9	7	8	11	9	7	7	9	10	25
57.5°	11	10	10	11	12	11	13	15	38	63	70
55°	11	10	12	14	16	18	28	58	88	108	117
52.5°	12	12	16	20	24	40	72	107	135	157	185
50°	14	17	22	29	46	82	122	160	197	230	270
47.5°	18	22	32	46	85	131	180	228	271	318	375
45°	22	34	45	81	130	188	248	303	347	401	453
42.5°	26	51	77	116	184	254	322	367	416	475	543
40°	44	72	110	169	243	326	386	434	486	570	652
37.5°	64	101	147	223	312	392	451	509	585	681	780
35°	88	129	195	281	379	454	519	592	696	806	924
32.5°	112	155	242	340	433	513	585	693	803	925	1086
30°	135	195	290	396	483	567	669	789	898	1047	1236
27.5°	160	236	338	442	531	618	753	869	994	1164	1390
25°	187	279	383	484	576	686	834	958	1086	1302	1607
22.5°	220	319	427	523	619	758	917	1070	1238	1454	1829
20°	254	357	467	569	661	827	1005	1193	1421	1721	2213
17.5°	286	392	505	616	731	900	1099	1322	1605	1979	2701
15°	315	423	542	663	797	976	1194	1468	1811	2276	3174
12.5°	342	451	579	708	856	1044	1278	1576	1981	2649	3779
10°	366	475	613	752	908	1105	1350	1667	2119	2917	4230
7.5°	386	502	645	794	953	1157	1412	1740	2241	3128	4582
5°	403	533	673	825	986	1200	1464	1797	2344	3282	4854
2.5°	418	562	695	851	1010	1234	1504	1851	2443	3409	5083
0°	431	588	714	872	1029	1260	1533	1890	2520	3497	5261
-2.5°	446	601	739	888	1059	1278	1547	1919	2546	3509	5226
-5°	458	611	759	900	1081	1289	1551	1930	2542	3482	5118
-7.5°	468	617	775	910	1094	1295	1552	1923	2516	3424	4943
-10°	476	623	780	922	1098	1294	1545	1899	2456	3311	4680
-12.5°	486	630	781	928	1097	1286	1524	1857	2362	3142	4341
-15°	492	633	780	927	1091	1272	1492	1798	2236	2916	3922
-17.5°	495	634	777	919	1082	1252	1447	1727	2121	2718	3622
-20°	494	632	772	903	1070	1231	1418	1671	2024	2528	3257

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CATALOG NUMBER: GFLD-SA6E-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°	490	627	765	891	1049	1208	1383	1605	1901	2314	2903
-25°	480	619	756	883	1026	1182	1338	1533	1791	2156	2646
-27.5°	463	607	740	869	1001	1152	1298	1475	1701	1983	2374
-30°	440	589	720	850	979	1120	1261	1411	1608	1853	2169
-32.5°	417	570	698	824	954	1088	1220	1360	1528	1732	1978
-35°	401	544	674	794	922	1052	1179	1308	1447	1628	1840
-37.5°	392	518	651	763	885	1011	1134	1257	1385	1528	1719
-40°	379	492	622	736	846	968	1087	1204	1322	1465	1612
-42.5°	363	473	593	709	812	925	1038	1150	1270	1401	1539
-45°	348	451	565	672	777	882	992	1097	1213	1337	1465
-47.5°	328	425	534	629	733	838	944	1048	1151	1266	1389
-50°	304	396	496	588	679	784	889	994	1095	1193	1301
-52.5°	280	362	456	547	631	719	827	933	1034	1131	1226
-55°	254	330	415	504	588	665	758	866	966	1061	1159
-57.5°	232	297	375	459	542	622	707	799	897	989	1084
-60°	213	266	332	411	493	572	655	740	829	918	1003
-62.5°	194	240	293	358	435	515	592	672	756	832	909
-65°	175	212	257	311	372	444	519	596	672	740	805
-67.5°	154	187	224	265	318	377	438	507	578	643	706
-70°	133	162	193	228	267	316	371	427	484	542	602
-72.5°	111	137	163	191	226	268	311	356	405	456	507
-75°	90	111	134	158	187	221	257	295	334	375	417
-77.5°	72	89	107	126	148	174	203	234	265	297	329
-80°	55	67	82	98	115	133	153	174	197	224	251
-82.5°	44	52	61	72	83	95	108	123	141	160	180
-85°	31	37	42	48	55	62	70	78	90	102	114
-87.5°	16	18	21	24	27	30	34	37	43	48	54
-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°	3	3	4	4	3	2	5	7	7	8	9
60°	28	20	27	34	33	25	37	43	39	32	33
57.5°	73	80	91	106	117	124	134	145	153	158	162
55°	135	162	190	203	226	260	291	293	298	306	323
52.5°	216	248	262	287	332	360	374	398	424	450	472
50°	314	340	372	412	455	482	492	535	587	630	655
47.5°	412	448	505	576	613	644	687	743	801	863	911
45°	504	567	641	704	753	806	865	934	1025	1111	1176
42.5°	608	680	753	827	880	971	1074	1155	1286	1400	1472
40°	729	800	907	996	1107	1221	1398	1563	1728	1919	2058
37.5°	875	985	1135	1279	1443	1612	1929	2253	2518	2890	3097
35°	1050	1221	1432	1648	1911	2317	2780	3406	4057	4600	5122
32.5°	1253	1471	1762	2149	2590	3242	3937	5091	6215	7338	8440
30°	1451	1769	2215	2746	3470	4502	5813	7595	9526	11218	12748
27.5°	1717	2167	2746	3539	4772	6285	8705	11180	13639	15834	17411
25°	2037	2641	3461	4773	6554	9063	12305	15340	18226	20378	22191
22.5°	2501	3406	4569	6241	9472	12961	16842	20660	23901	26614	28401
20°	3074	4297	6245	9274	13075	17437	22432	26448	30441	33492	36218
17.5°	3886	5834	8583	12431	16972	22791	27933	32412	37482	40601	43381
15°	4616	7119	11039	15947	21269	27436	33501	38986	43880	47308	50416
12.5°	5539	8486	12991	18766	24586	31452	37757	43630	48423	51950	54125
10°	6366	9887	14942	20981	27497	34670	41203	47318	51959	54686	56286
7.5°	7034	11052	16523	22877	29756	36976	43878	49946	54388	56669	57761
5°	7551	11915	17760	24431	31576	38964	46008	51947	55688	57574	58185
2.5°	7939	12516	18593	25455	32805	40432	47624	53477	56669	58030	58232
0°	8202	12938	19135	26098	33859	40958	48498	54443	57478	58570	58675
-2.5°	8140	12786	19111	25865	33737	41195	48638	54504	57752	59220	59458
-5°	7974	12426	18477	25203	32778	40246	47345	53539	57525	59742	60724
-7.5°	7655	11804	17394	23938	31224	38699	45938	52365	56951	60070	61991
-10°	7110	10896	16007	22338	29518	36640	43798	50468	55407	59161	61837
-12.5°	6368	9663	14316	20072	27289	33939	40716	47107	52498	57127	59892
-15°	5601	8380	12560	17826	24109	30659	36919	43189	48512	52841	56289
-17.5°	5054	7257	10525	15134	20651	26865	32972	38733	43535	47605	51222
-20°	4363	5999	8587	12462	17320	22751	28602	33728	38017	41833	45288



REPORT NUMBER: P627996 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	3813	5137	7007	9650	14014	18804	23590	28311	32342	35740	38689
-25°	3313	4243	5704	7854	10691	14828	18861	22847	26569	29727	32384
-27.5°	2920	3660	4634	6164	8318	10732	14266	17597	20797	23685	26190
-30°	2564	3118	3880	4837	6301	8095	10220	12711	15263	17543	19819
-32.5°	2307	2702	3226	3936	4756	6040	7325	9001	10617	12279	13912
-35°	2077	2395	2751	3226	3789	4538	5384	6408	7272	8361	9364
-37.5°	1919	2143	2415	2715	3118	3535	4109	4731	5266	5872	6382
-40°	1789	1964	2148	2351	2627	2910	3280	3629	3969	4338	4614
-42.5°	1679	1820	1953	2109	2273	2499	2747	2965	3172	3389	3569
-45°	1593	1698	1805	1926	2050	2214	2390	2553	2687	2808	2907
-47.5°	1500	1594	1689	1782	1889	2008	2123	2227	2339	2433	2501
-50°	1408	1502	1588	1669	1761	1854	1945	2029	2108	2178	2221
-52.5°	1320	1416	1500	1575	1653	1730	1805	1880	1949	2012	2040
-55°	1253	1341	1427	1493	1559	1624	1691	1762	1827	1887	1905
-57.5°	1178	1269	1350	1413	1473	1531	1594	1659	1721	1777	1795
-60°	1093	1188	1260	1318	1379	1443	1502	1561	1618	1667	1687
-62.5°	991	1076	1142	1200	1255	1307	1372	1434	1494	1543	1573
-65°	871	944	1008	1066	1119	1170	1230	1288	1342	1385	1416
-67.5°	765	822	875	927	979	1031	1086	1140	1192	1229	1254
-70°	660	713	763	811	857	903	948	993	1038	1070	1095
-72.5°	557	604	646	690	732	772	811	850	887	916	940
-75°	460	500	537	573	609	641	671	701	730	755	776
-77.5°	363	395	427	458	488	514	537	560	582	603	622
-80°	278	301	324	347	371	390	408	426	442	459	474
-82.5°	199	215	230	245	261	274	287	300	312	324	335
-85°	127	135	144	152	161	169	177	185	192	200	207
-87.5°	60	64	68	72	76	80	84	88	91	95	98
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	9	10	10	11	10	10	9	9	8	7	7
60°	33	31	31	32	31	31	33	33	32	39	43
57.5°	158	147	137	126	137	147	158	162	158	153	145
55°	343	362	370	368	370	362	343	323	306	298	293
52.5°	488	497	494	483	494	497	488	472	450	424	398
50°	666	667	662	651	662	667	666	655	630	587	535
47.5°	936	950	957	956	957	950	936	911	863	801	743
45°	1201	1214	1220	1218	1220	1214	1201	1176	1111	1025	934
42.5°	1510	1533	1541	1533	1541	1533	1510	1472	1400	1286	1155
40°	2140	2167	2154	2121	2154	2167	2140	2058	1919	1728	1563
37.5°	3242	3347	3391	3392	3391	3347	3242	3097	2890	2518	2253
35°	5592	5966	6138	5923	6138	5966	5592	5122	4600	4057	3406
32.5°	9339	10002	10376	10376	10376	10002	9339	8440	7338	6215	5091
30°	13905	14736	15202	15302	15202	14736	13905	12748	11218	9526	7595
27.5°	18641	19499	19945	19880	19945	19499	18641	17411	15834	13639	11180
25°	23393	24042	24417	24428	24417	24042	23393	22191	20378	18226	15340
22.5°	30412	31780	32343	32493	32343	31780	30412	28401	26614	23901	20660
20°	38064	39390	40245	40296	40245	39390	38064	36218	33492	30441	26448
17.5°	45354	46012	46133	46188	46133	46012	45354	43381	40601	37482	32412
15°	52226	52456	53064	53140	53064	52456	52226	50416	47308	43880	38986
12.5°	55490	55701	55597	55314	55597	55701	55490	54125	51950	48423	43630
10°	57269	56971	56529	55997	56529	56971	57269	56286	54686	51959	47318
7.5°	57672	57342	56561	55787	56561	57342	57672	57761	56669	54388	49946
5°	57863	56893	55908	54968	55908	56893	57863	58185	57574	55688	51947
2.5°	57750	56597	55243	54233	55243	56597	57750	58232	58030	56669	53477
0°	58118	56953	55535	55157	55535	56953	58118	58675	58570	57478	54443
-2.5°	59144	58199	57459	57257	57459	58199	59144	59458	59220	57752	54504
-5°	60990	60782	59524	59820	59524	60782	60990	60724	59742	57525	53539
-7.5°	62773	62477	61945	62634	61945	62477	62773	61991	60070	56951	52365
-10°	63247	63150	63399	64010	63399	63150	63247	61837	59161	55407	50468
-12.5°	61794	62555	63409	64052	63409	62555	61794	59892	57127	52498	47107
-15°	58554	60111	61387	61994	61387	60111	58554	56289	52841	48512	43189
-17.5°	53782	55692	57204	57635	57204	55692	53782	51222	47605	43535	38733
-20°	47906	49849	51226	51775	51226	49849	47906	45288	41833	38017	33728

Classified

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627996 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°
-22.5°	41294	43191	44439	45096	44439	43191	41294	38689	35740	32342	28311
-25°	34584	36251	37359	37650	37359	36251	34584	32384	29727	26569	22847
-27.5°	28167	29508	30324	30414	30324	29508	28167	26190	23685	20797	17597
-30°	21712	22957	23664	24039	23664	22957	21712	19819	17543	15263	12711
-32.5°	15248	16236	16835	16992	16835	16236	15248	13912	12279	10617	9001
-35°	10167	10781	11160	11237	11160	10781	10167	9364	8361	7272	6408
-37.5°	6798	7098	7282	7372	7282	7098	6798	6382	5872	5266	4731
-40°	4816	4957	5035	5052	5035	4957	4816	4614	4338	3969	3629
-42.5°	3683	3755	3792	3802	3792	3755	3683	3569	3389	3172	2965
-45°	2976	3026	3057	3067	3057	3026	2976	2907	2808	2687	2553
-47.5°	2546	2579	2598	2605	2598	2579	2546	2501	2433	2339	2227
-50°	2246	2264	2272	2268	2272	2264	2246	2221	2178	2108	2029
-52.5°	2057	2070	2073	2069	2073	2070	2057	2040	2012	1949	1880
-55°	1917	1926	1927	1922	1927	1926	1917	1905	1887	1827	1762
-57.5°	1810	1821	1817	1806	1817	1821	1810	1795	1777	1721	1659
-60°	1703	1716	1717	1712	1717	1716	1703	1687	1667	1618	1561
-62.5°	1598	1618	1621	1617	1621	1618	1598	1573	1543	1494	1434
-65°	1445	1470	1470	1460	1470	1470	1445	1416	1385	1342	1288
-67.5°	1276	1295	1296	1292	1296	1295	1276	1254	1229	1192	1140
-70°	1118	1138	1139	1134	1139	1138	1118	1095	1070	1038	993
-72.5°	962	981	986	987	986	981	962	940	916	887	850
-75°	796	815	813	809	813	815	796	776	755	730	701
-77.5°	641	658	656	651	656	658	641	622	603	582	560
-80°	488	502	498	494	498	502	488	474	459	442	426
-82.5°	346	355	352	347	352	355	346	335	324	312	300
-85°	213	220	220	221	220	220	213	207	200	192	185
-87.5°	101	105	100	95	100	105	101	98	95	91	88
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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	1
65°	0	0	0	0	0	0	0	0	0	0	3
62.5°	5	2	3	4	4	3	3	4	3	1	4
60°	37	25	33	34	27	20	28	25	10	9	7
57.5°	134	124	117	106	91	80	73	70	63	38	15
55°	291	260	226	203	190	162	135	117	108	88	58
52.5°	374	360	332	287	262	248	216	185	157	135	107
50°	492	482	455	412	372	340	314	270	230	197	160
47.5°	687	644	613	576	505	448	412	375	318	271	228
45°	865	806	753	704	641	567	504	453	401	347	303
42.5°	1074	971	880	827	753	680	608	543	475	416	367
40°	1398	1221	1107	996	907	800	729	652	570	486	434
37.5°	1929	1612	1443	1279	1135	985	875	780	681	585	509
35°	2780	2317	1911	1648	1432	1221	1050	924	806	696	592
32.5°	3937	3242	2590	2149	1762	1471	1253	1086	925	803	693
30°	5813	4502	3470	2746	2215	1769	1451	1236	1047	898	789
27.5°	8705	6285	4772	3539	2746	2167	1717	1390	1164	994	869
25°	12305	9063	6554	4773	3461	2641	2037	1607	1302	1086	958
22.5°	16842	12961	9472	6241	4569	3406	2501	1829	1454	1238	1070
20°	22432	17437	13075	9274	6245	4297	3074	2213	1721	1421	1193
17.5°	27933	22791	16972	12431	8583	5834	3886	2701	1979	1605	1322
15°	33501	27436	21269	15947	11039	7119	4616	3174	2276	1811	1468
12.5°	37757	31452	24586	18766	12991	8486	5539	3779	2649	1981	1576
10°	41203	34670	27497	20981	14942	9887	6366	4230	2917	2119	1667
7.5°	43878	36976	29756	22877	16523	11052	7034	4582	3128	2241	1740
5°	46008	38964	31576	24431	17760	11915	7551	4854	3282	2344	1797
2.5°	47624	40432	32805	25455	18593	12516	7939	5083	3409	2443	1851
0°	48498	40958	33859	26098	19135	12938	8202	5261	3497	2520	1890
-2.5°	48638	41195	33737	25865	19111	12786	8140	5226	3509	2546	1919
-5°	47345	40246	32778	25203	18477	12426	7974	5118	3482	2542	1930
-7.5°	45938	38699	31224	23938	17394	11804	7655	4943	3424	2516	1923
-10°	43798	36640	29518	22338	16007	10896	7110	4680	3311	2456	1899
-12.5°	40716	33939	27289	20072	14316	9663	6368	4341	3142	2362	1857
-15°	36919	30659	24109	17826	12560	8380	5601	3922	2916	2236	1798
-17.5°	32972	26865	20651	15134	10525	7257	5054	3622	2718	2121	1727
-20°	28602	22751	17320	12462	8587	5999	4363	3257	2528	2024	1671

Classified

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REPORT NUMBER: P627996 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	23590	18804	14014	9650	7007	5137	3813	2903	2314	1901	1605
-25°	18861	14828	10691	7854	5704	4243	3313	2646	2156	1791	1533
-27.5°	14266	10732	8318	6164	4634	3660	2920	2374	1983	1701	1475
-30°	10220	8095	6301	4837	3880	3118	2564	2169	1853	1608	1411
-32.5°	7325	6040	4756	3936	3226	2702	2307	1978	1732	1528	1360
-35°	5384	4538	3789	3226	2751	2395	2077	1840	1628	1447	1308
-37.5°	4109	3535	3118	2715	2415	2143	1919	1719	1528	1385	1257
-40°	3280	2910	2627	2351	2148	1964	1789	1612	1465	1322	1204
-42.5°	2747	2499	2273	2109	1953	1820	1679	1539	1401	1270	1150
-45°	2390	2214	2050	1926	1805	1698	1593	1465	1337	1213	1097
-47.5°	2123	2008	1889	1782	1689	1594	1500	1389	1266	1151	1048
-50°	1945	1854	1761	1669	1588	1502	1408	1301	1193	1095	994
-52.5°	1805	1730	1653	1575	1500	1416	1320	1226	1131	1034	933
-55°	1691	1624	1559	1493	1427	1341	1253	1159	1061	966	866
-57.5°	1594	1531	1473	1413	1350	1269	1178	1084	989	897	799
-60°	1502	1443	1379	1318	1260	1188	1093	1003	918	829	740
-62.5°	1372	1307	1255	1200	1142	1076	991	909	832	756	672
-65°	1230	1170	1119	1066	1008	944	871	805	740	672	596
-67.5°	1086	1031	979	927	875	822	765	706	643	578	507
-70°	948	903	857	811	763	713	660	602	542	484	427
-72.5°	811	772	732	690	646	604	557	507	456	405	356
-75°	671	641	609	573	537	500	460	417	375	334	295
-77.5°	537	514	488	458	427	395	363	329	297	265	234
-80°	408	390	371	347	324	301	278	251	224	197	174
-82.5°	287	274	261	245	230	215	199	180	160	141	123
-85°	177	169	161	152	144	135	127	114	102	90	78
-87.5°	84	80	76	72	68	64	60	54	48	43	37
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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	4	3	1	1	2	0	0
65°	4	2	0	3	5	7	5	3	3	2	0
62.5°	6	8	6	4	6	8	10	7	5	5	2
60°	7	9	11	8	7	9	11	10	8	7	5
57.5°	13	11	12	11	10	10	11	11	9	9	8
55°	28	18	16	14	12	10	11	11	11	10	10
52.5°	72	40	24	20	16	12	12	11	11	10	11
50°	122	82	46	29	22	17	14	12	11	11	11
47.5°	180	131	85	46	32	22	18	15	11	11	12
45°	248	188	130	81	45	34	22	17	13	11	13
42.5°	322	254	184	116	77	51	26	21	16	12	14
40°	386	326	243	169	110	72	44	25	19	13	14
37.5°	451	392	312	223	147	101	64	29	24	17	15
35°	519	454	379	281	195	129	88	39	30	21	15
32.5°	585	513	433	340	242	155	112	63	37	25	16
30°	669	567	483	396	290	195	135	84	46	29	17
27.5°	753	618	531	442	338	236	160	104	56	35	21
25°	834	686	576	484	383	279	187	122	71	42	24
22.5°	917	758	619	523	427	319	220	144	86	51	28
20°	1005	827	661	569	467	357	254	166	101	59	31
17.5°	1099	900	731	616	505	392	286	189	113	68	34
15°	1194	976	797	663	542	423	315	212	125	78	39
12.5°	1278	1044	856	708	579	451	342	234	135	87	46
10°	1350	1105	908	752	613	475	366	255	151	94	54
7.5°	1412	1157	953	794	645	502	386	272	169	101	62
5°	1464	1200	986	825	673	533	403	286	187	107	70
2.5°	1504	1234	1010	851	695	562	418	296	204	111	77
0°	1533	1260	1029	872	714	588	431	305	220	115	84
-2.5°	1547	1278	1059	888	739	601	446	321	230	130	87
-5°	1551	1289	1081	900	759	611	458	335	239	144	89
-7.5°	1552	1295	1094	910	775	617	468	347	246	157	91
-10°	1545	1294	1098	922	780	623	476	356	252	166	93
-12.5°	1524	1286	1097	928	781	630	486	363	258	174	94
-15°	1492	1272	1091	927	780	633	492	366	260	176	96
-17.5°	1447	1252	1082	919	777	634	495	366	261	175	99
-20°	1418	1231	1070	903	772	632	494	361	260	173	103

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REPORT NUMBER: P627996 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	1383	1208	1049	891	765	627	490	352	256	170	105
-25°	1338	1182	1026	883	756	619	480	339	251	167	106
-27.5°	1298	1152	1001	869	740	607	463	331	244	163	106
-30°	1261	1120	979	850	720	589	440	321	237	161	104
-32.5°	1220	1088	954	824	698	570	417	308	230	158	102
-35°	1179	1052	922	794	674	544	401	293	223	154	100
-37.5°	1134	1011	885	763	651	518	392	289	215	147	96
-40°	1087	968	846	736	622	492	379	284	206	139	93
-42.5°	1038	925	812	709	593	473	363	274	196	132	88
-45°	992	882	777	672	565	451	348	261	184	126	85
-47.5°	944	838	733	629	534	425	328	245	170	120	82
-50°	889	784	679	588	496	396	304	226	163	114	79
-52.5°	827	719	631	547	456	362	280	206	154	109	75
-55°	758	665	588	504	415	330	254	194	144	104	70
-57.5°	707	622	542	459	375	297	232	180	135	97	67
-60°	655	572	493	411	332	266	213	166	125	90	64
-62.5°	592	515	435	358	293	240	194	152	115	84	60
-65°	519	444	372	311	257	212	175	137	104	76	55
-67.5°	438	377	318	265	224	187	154	121	92	68	49
-70°	371	316	267	228	193	162	133	105	79	60	43
-72.5°	311	268	226	191	163	137	111	87	68	51	37
-75°	257	221	187	158	134	111	90	72	55	42	33
-77.5°	203	174	148	126	107	89	72	55	44	36	29
-80°	153	133	115	98	82	67	55	45	38	32	26
-82.5°	108	95	83	72	61	52	44	37	31	26	21
-85°	70	62	55	48	42	37	31	27	22	18	14
-87.5°	34	30	27	24	21	18	16	13	11	9	7
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627996 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	1	2	1	0	0	0	0
70°	1	2	2	0	0	0	0
67.5°	1	3	3	1	0	0	0
65°	1	4	4	2	0	0	0
62.5°	2	4	5	3	0	0	0
60°	2	4	7	4	0	0	0
57.5°	4	5	7	6	1	0	0
55°	6	5	7	7	2	0	0
52.5°	8	5	7	8	2	0	0
50°	9	7	8	9	3	0	0
47.5°	11	8	8	10	4	0	0
45°	11	9	8	10	4	0	0
42.5°	12	9	9	10	5	0	0
40°	14	10	9	11	6	0	0
37.5°	15	10	10	11	6	0	0
35°	16	11	10	11	7	0	0
32.5°	18	12	10	11	7	0	0
30°	18	13	10	11	8	0	0
27.5°	19	15	11	11	8	0	0
25°	19	16	11	11	9	0	0
22.5°	20	17	11	11	9	0	0
20°	21	18	11	11	9	0	0
17.5°	22	19	11	11	10	0	0
15°	23	19	11	11	10	0	0
12.5°	24	20	11	11	10	0	0
10°	25	20	11	11	10	0	0
7.5°	27	21	11	11	10	0	0
5°	29	21	11	11	10	0	0
2.5°	30	21	11	11	10	0	0
0°	31	21	11	11	11	0	0
-2.5°	37	22	11	11	10	0	0
-5°	42	23	12	11	10	0	0
-7.5°	47	24	13	11	10	1	0
-10°	51	25	14	11	10	1	0
-12.5°	55	26	15	11	10	1	0
-15°	57	26	15	11	10	1	0
-17.5°	59	27	16	11	10	2	0
-20°	60	27	16	11	10	2	0

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REPORT NUMBER: P627996 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	60	27	16	11	10	2	0
-25°	60	29	16	11	9	2	0
-27.5°	60	31	16	11	9	2	0
-30°	58	32	16	11	9	2	0
-32.5°	57	33	16	11	9	2	0
-35°	57	34	17	11	9	2	0
-37.5°	58	35	17	11	9	3	0
-40°	58	35	17	11	9	3	0
-42.5°	57	35	18	11	9	3	0
-45°	56	35	19	11	9	3	0
-47.5°	54	34	19	12	9	3	0
-50°	53	33	19	12	9	3	0
-52.5°	51	32	19	12	9	3	0
-55°	49	31	19	13	9	2	0
-57.5°	47	30	19	13	9	2	0
-60°	44	29	18	13	9	2	0
-62.5°	41	27	18	13	9	2	0
-65°	38	25	18	13	8	2	0
-67.5°	34	24	17	13	7	2	0
-70°	30	23	17	13	7	2	0
-72.5°	28	21	16	11	6	2	0
-75°	26	20	16	10	5	1	0
-77.5°	24	19	13	8	4	1	0
-80°	21	16	11	7	4	1	0
-82.5°	16	12	8	5	3	1	0
-85°	11	8	5	3	2	0	0
-87.5°	5	4	3	2	1	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)