

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: P627974 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-727-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627974 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6E-727-U-MR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

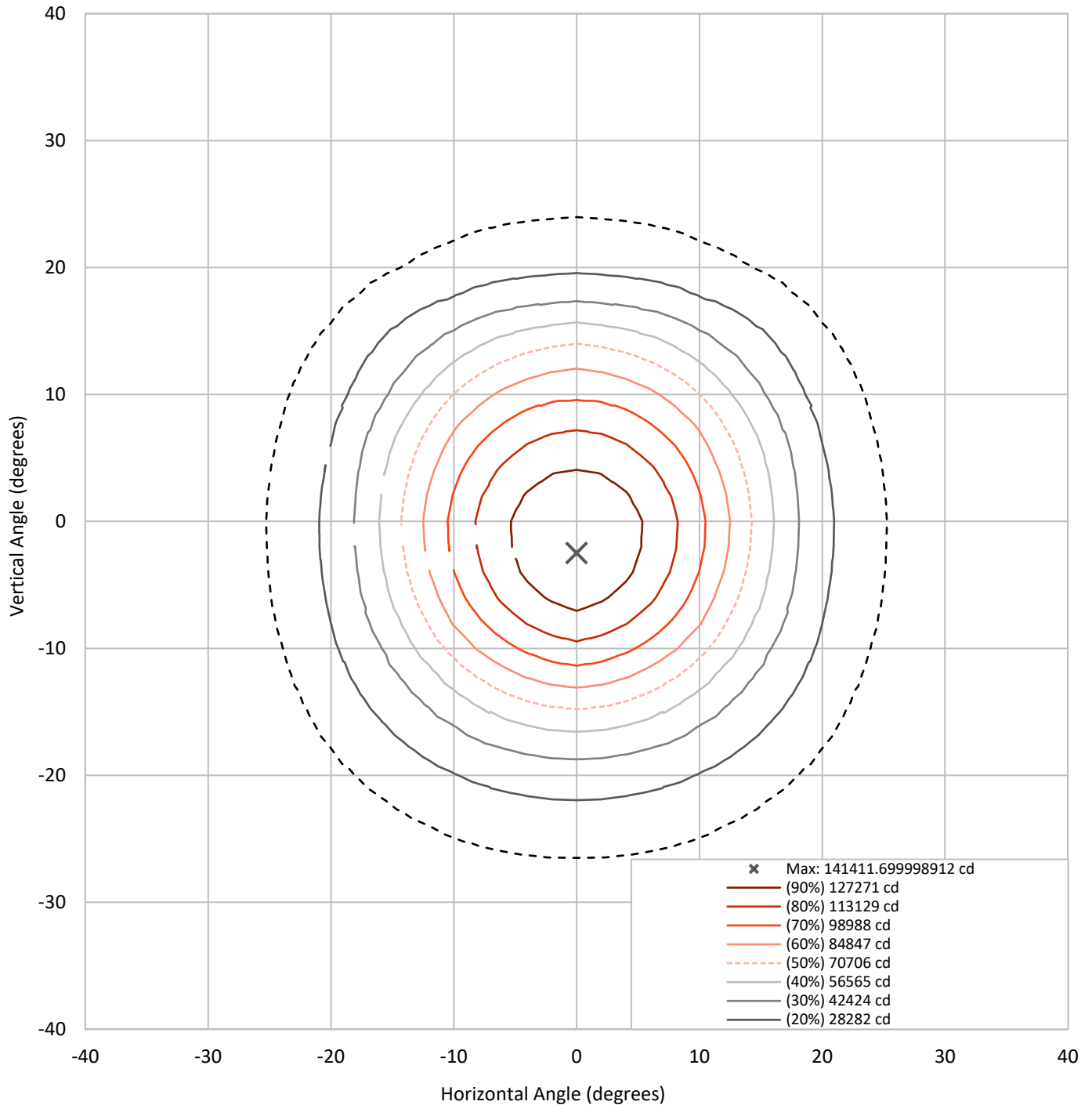
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	40107.5 lumens	Max Intensity:	141411.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	106.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	20054.1 lumens	Field Lumens:	34459.8 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
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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Iso-Candela Plot





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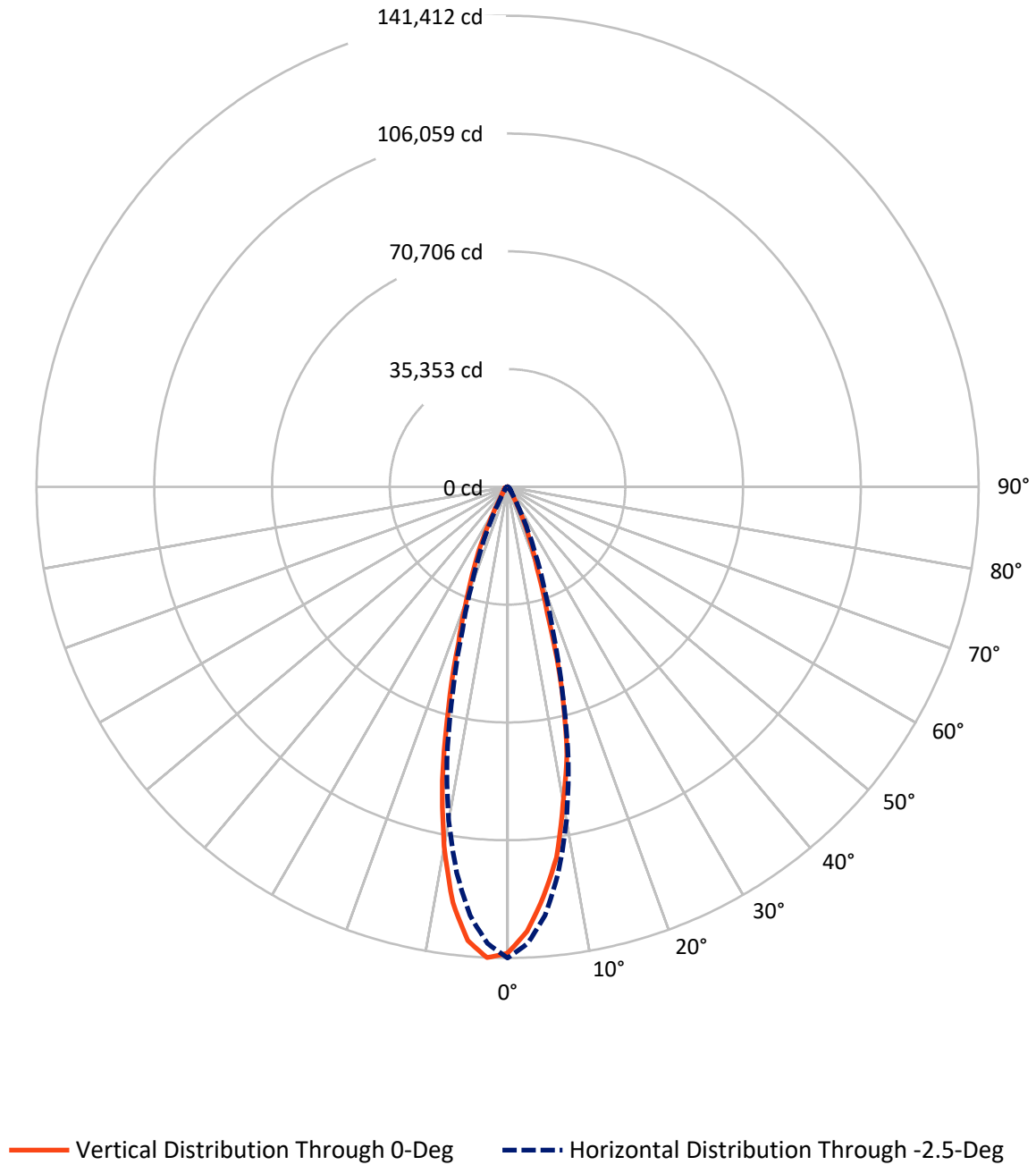
CATALOG NUMBER: GFLD-SA6E-727-U-MR-VSR-XX

Lumen Table

90	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	0.0	0.0		
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	0.0	0.0		
70	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.2	0.2	0.3	0.2	0.1	0.0	0.0	0.0	0.0			
60		0.1	0.2	1.1	2.7	4.6	6.3	7.6	7.6	6.3	4.6	2.7	1.1	0.2	0.1				
50	0.1	0.2	1.4	4.4	8.4	13.0	18.2	21.4	21.4	18.2	13.0	8.4	4.4	1.4	0.2	0.1			
40		0.6	3.4	8.6	15.8	25.9	43.3	57.7	57.7	43.3	25.9	15.8	8.6	3.4	0.6				
30	0.3	1.3	5.4	13.1	24.9	60.6	190.3	349.1	349.1	190.3	60.6	24.9	13.1	5.4	1.3	0.3			
20		2.0	7.5	17.8	42.7	208.9	849.4	1663.1	1663.1	849.4	208.9	42.7	17.8	7.5	2.0				
10	0.6	2.5	9.1	21.2	61.2	398.1	1715.0	3361.6	3361.6	1715.0	398.1	61.2	21.2	9.1	2.5	0.6			
0		2.9	9.9	22.4	65.4	417.1	1759.8	3564.5	3564.5	1759.8	417.1	65.4	22.4	9.9	2.9				
-10	0.8	3.1	10.1	21.8	53.8	256.1	973.1	1886.3	1886.3	973.1	256.1	53.8	21.8	10.1	3.1	0.8			
-20		3.0	9.6	20.0	39.4	99.5	301.4	537.7	537.7	301.4	99.5	39.4	20.0	9.6	3.0				
-30	0.7	2.6	8.5	17.3	29.9	49.1	80.1	107.2	107.2	80.1	49.1	29.9	17.3	8.5	2.6	0.7			
-40		2.2	7.1	14.3	23.6	33.8	44.5	50.0	50.0	44.5	33.8	23.6	14.3	7.1	2.2				
-50	0.5	1.7	5.3	11.2	18.5	25.7	32.1	35.0	35.0	32.1	25.7	18.5	11.2	5.3	1.7	0.5			
-60		1.1	3.3	7.3	12.3	17.5	21.9	24.3	24.3	21.9	17.5	12.3	7.3	3.3	1.1				
-70	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
-80		2.6	11.9	25.6	32.3	25.6	11.9	2.6	0.1										
-90	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

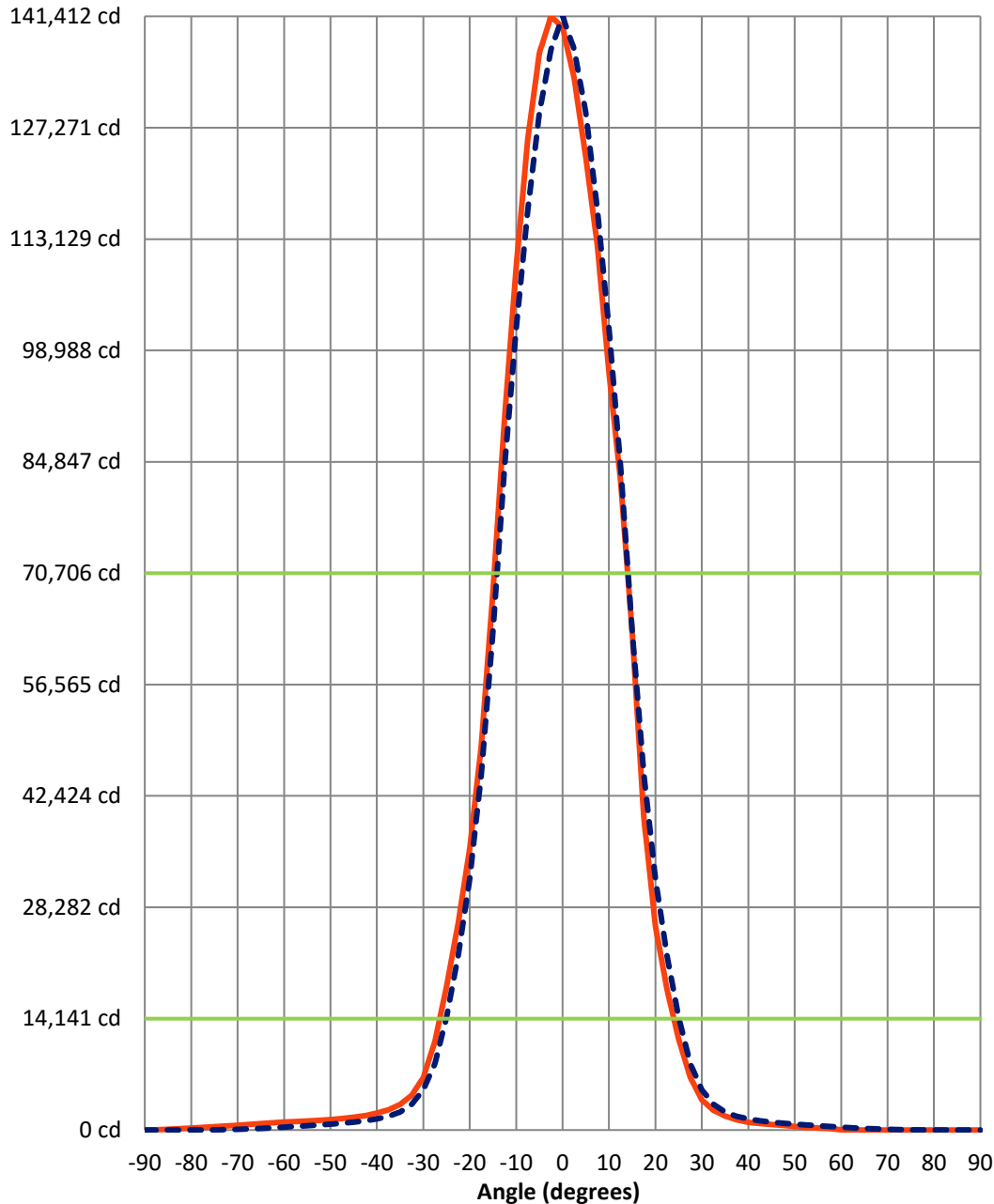
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CATALOG NUMBER: GFLD-SA6E-727-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 20054.1
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 34459.8
 Efficiency: 85.9%

Spill:
 Lumens: 5647.7
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -2.5-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	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°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	0	0	0	0	2	2
57.5°	0	0	0	0	0	0	0	0	2	4	3
55°	0	0	0	0	0	0	1	0	4	6	4
52.5°	0	0	0	0	0	0	2	3	6	6	4
50°	0	0	0	0	0	1	3	5	8	7	6
47.5°	0	0	0	0	0	2	4	7	9	7	8
45°	0	0	0	0	0	3	5	8	9	8	9
42.5°	0	0	0	0	0	4	6	9	9	9	14
40°	0	0	0	0	0	5	7	9	9	9	21
37.5°	0	0	0	0	1	6	8	9	11	13	29
35°	0	0	0	0	2	7	9	9	13	21	38
32.5°	0	0	0	0	3	8	9	9	16	30	48
30°	0	0	0	0	4	8	9	10	20	38	59
27.5°	0	0	0	0	5	8	9	12	25	45	71
25°	0	0	0	0	6	9	9	15	32	54	83
22.5°	0	0	0	0	6	9	9	19	38	64	100
20°	0	0	0	0	7	9	9	22	43	74	115
17.5°	0	0	0	0	7	9	9	26	49	84	128
15°	0	0	0	0	8	9	10	30	54	94	141
12.5°	0	0	0	0	8	9	11	35	59	103	152
10°	0	0	0	0	8	9	13	39	64	113	163
7.5°	0	0	0	0	9	9	14	43	69	121	172
5°	0	0	0	0	9	9	15	47	73	129	181
2.5°	0	0	0	0	9	9	17	50	77	136	189
0°	0	0	0	0	9	9	18	53	80	142	196
-2.5°	0	0	0	1	9	10	21	55	88	147	202
-5°	0	0	0	1	9	11	25	55	95	152	206
-7.5°	0	0	0	2	9	12	28	56	101	155	210
-10°	0	0	0	2	9	13	30	56	106	158	212
-12.5°	0	0	0	3	8	13	33	57	109	160	217
-15°	0	0	0	3	8	14	34	57	109	162	221
-17.5°	0	0	0	3	8	14	35	59	108	163	223
-20°	0	0	0	4	8	14	36	62	107	163	223

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CATALOG NUMBER: GFLD-SA6E-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	4	8	14	37	64	104	161	219
-25°	0	0	0	4	8	15	37	66	101	157	214
-27.5°	0	0	0	4	9	16	37	66	98	153	209
-30°	0	0	0	4	9	17	37	67	97	147	203
-32.5°	0	0	0	4	10	18	36	66	97	142	194
-35°	0	0	0	3	11	18	36	65	96	137	184
-37.5°	0	0	0	3	11	18	36	63	94	131	180
-40°	0	0	0	3	12	19	36	61	91	127	175
-42.5°	0	0	0	2	12	19	35	59	87	123	169
-45°	0	0	0	2	11	19	33	56	84	117	161
-47.5°	0	0	0	1	10	19	31	54	80	110	152
-50°	0	0	0	1	10	19	30	51	76	105	142
-52.5°	0	0	0	2	9	18	29	47	71	98	130
-55°	0	0	0	2	8	17	27	42	65	90	120
-57.5°	0	0	0	2	7	16	25	39	59	82	110
-60°	0	0	0	2	7	15	23	36	52	74	98
-62.5°	0	0	0	2	6	14	22	32	47	65	88
-65°	0	0	0	2	6	12	20	28	42	58	77
-67.5°	0	0	0	2	6	11	18	26	36	51	67
-70°	0	0	0	2	5	10	17	23	32	44	58
-72.5°	0	0	0	2	5	9	15	20	27	37	49
-75°	0	0	0	2	4	8	13	17	22	30	39
-77.5°	0	0	0	1	4	7	11	14	18	23	29
-80°	0	0	0	1	3	6	9	11	14	17	21
-82.5°	0	0	0	1	2	4	7	8	9	11	14
-85°	0	0	0	1	2	3	5	5	6	7	8
-87.5°	0	0	0	0	1	1	2	3	3	3	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA6E-727-U-MR-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	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	1	2	1	2	3
60°	1	0	1	2	2	4	5	7	8	8	18
57.5°	1	2	4	5	6	10	14	17	28	41	49
55°	3	6	7	8	13	21	29	44	60	78	94
52.5°	6	9	8	14	26	39	57	78	101	119	134
50°	8	10	12	28	44	65	92	121	142	159	184
47.5°	12	14	27	46	68	99	135	160	180	212	248
45°	17	26	43	68	98	140	172	195	230	268	306
42.5°	23	40	63	89	137	177	207	241	278	321	362
40°	35	53	85	125	174	212	251	289	328	377	421
37.5°	46	74	109	159	208	252	296	339	386	438	489
35°	56	94	138	190	241	294	341	391	450	507	565
32.5°	71	115	165	220	275	332	386	450	511	574	645
30°	91	138	189	249	307	368	436	507	568	638	714
27.5°	111	158	215	276	336	403	485	556	623	698	781
25°	130	180	239	301	367	444	531	604	674	758	856
22.5°	148	201	266	324	396	485	574	656	736	819	933
20°	166	224	292	355	426	524	618	710	802	907	1035
17.5°	182	246	316	387	466	563	662	764	867	995	1154
15°	198	266	341	417	502	601	705	817	938	1087	1269
12.5°	213	284	365	445	534	636	744	860	1000	1178	1405
10°	227	301	387	470	562	667	778	898	1049	1241	1507
7.5°	239	316	408	494	586	694	806	931	1089	1294	1588
5°	250	331	423	510	605	716	829	959	1122	1335	1653
2.5°	259	345	435	523	620	730	844	976	1144	1374	1704
0°	267	356	445	534	632	739	855	988	1157	1407	1736
-2.5°	276	368	455	545	644	748	865	999	1173	1416	1744
-5°	282	377	463	554	653	754	870	1003	1180	1418	1748
-7.5°	287	384	469	560	659	760	874	1008	1184	1415	1747
-10°	290	387	474	565	665	764	875	1006	1178	1400	1718
-12.5°	295	389	476	567	667	766	871	998	1162	1373	1663
-15°	299	389	476	566	665	765	864	982	1136	1338	1590
-17.5°	300	388	474	561	660	760	854	967	1111	1301	1541
-20°	300	386	470	553	652	752	846	955	1088	1256	1472

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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°	298	383	463	545	640	737	833	936	1059	1201	1395
-25°	293	378	457	538	627	720	816	911	1029	1164	1328
-27.5°	286	371	449	528	612	700	794	888	994	1119	1260
-30°	275	360	438	516	598	682	768	861	957	1073	1202
-32.5°	262	347	424	501	582	662	740	830	924	1023	1140
-35°	251	332	408	482	564	641	715	794	885	978	1077
-37.5°	243	315	392	462	539	616	686	760	842	932	1022
-40°	233	298	373	442	511	588	658	724	798	886	972
-42.5°	223	286	354	422	488	557	629	692	762	842	923
-45°	213	273	335	401	466	528	594	662	729	800	877
-47.5°	202	258	318	377	441	504	562	626	695	762	830
-50°	189	243	297	352	412	476	535	591	653	720	786
-52.5°	174	225	275	326	382	441	503	560	614	671	735
-55°	157	204	252	300	349	404	463	521	577	629	684
-57.5°	141	181	227	273	319	365	421	477	531	585	639
-60°	127	160	200	244	289	333	380	431	483	533	583
-62.5°	112	142	175	213	255	299	342	387	434	477	520
-65°	99	123	151	184	219	258	298	341	384	419	452
-67.5°	85	105	129	155	186	218	250	288	326	359	390
-70°	73	88	107	129	154	180	209	239	268	297	327
-72.5°	61	74	88	102	124	148	171	194	219	244	269
-75°	50	60	72	84	99	118	137	159	179	198	218
-77.5°	38	47	57	66	77	91	107	123	140	156	173
-80°	27	35	43	51	59	68	78	89	101	113	127
-82.5°	19	24	30	37	41	46	52	58	67	76	86
-85°	10	13	17	22	24	27	29	32	38	43	49
-87.5°	5	7	8	10	11	11	12	13	15	17	19
-90°	0	0	0	0	0	0	0	0	0	0	0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	2	2	2	1	0	0
62.5°	3	4	7	9	10	11	12	12	12	12	12
60°	23	22	34	41	39	31	44	50	48	41	41
57.5°	62	78	90	93	105	124	130	127	129	135	151
55°	109	121	130	148	167	183	197	206	216	228	241
52.5°	149	169	184	202	227	241	247	272	294	311	321
50°	212	233	257	281	304	326	343	369	398	428	447
47.5°	278	305	336	372	398	418	441	475	515	551	574
45°	340	372	409	444	473	502	536	578	619	655	683
42.5°	395	431	471	510	536	581	629	672	722	769	804
40°	459	494	552	593	628	675	746	808	868	925	961
37.5°	536	595	657	707	754	813	911	1007	1083	1159	1213
35°	627	698	776	830	901	1011	1133	1264	1398	1504	1599
32.5°	714	793	872	959	1067	1222	1375	1587	1784	1985	2174
30°	793	881	977	1089	1264	1480	1728	2052	2405	2756	3157
27.5°	875	972	1087	1265	1530	1824	2283	2794	3523	4109	5055
25°	965	1074	1231	1515	1881	2397	3199	4111	5619	6907	8359
22.5°	1074	1242	1463	1819	2430	3360	4607	6594	8910	11060	13111
20°	1208	1435	1814	2381	3257	4688	7053	10067	13286	16432	19476
17.5°	1385	1746	2288	3094	4336	7345	10863	15169	20682	24824	28750
15°	1546	2003	2822	4128	6465	10338	15254	21849	29271	35511	42571
12.5°	1737	2290	3276	4970	8311	13429	19696	27561	36346	45818	56876
10°	1904	2583	3853	6183	10236	16193	23216	32448	43731	57134	71110
7.5°	2033	2828	4334	7093	11858	18460	26838	38066	52355	68022	83959
5°	2132	3017	4712	7807	13237	20301	29481	42511	58799	76780	92629
2.5°	2210	3150	4963	8246	14169	21558	31289	44874	62741	82498	99139
0°	2270	3232	5102	8557	14602	22153	32125	45828	64589	85299	102413
-2.5°	2291	3275	5109	8448	14339	22117	31930	45243	63314	84187	101718
-5°	2299	3253	4980	8224	13872	21323	30651	43021	59422	79000	96766
-7.5°	2282	3166	4719	7673	12823	19923	28866	39723	53167	70429	88791
-10°	2221	3014	4365	6925	11378	17737	26086	35260	45999	60091	74972
-12.5°	2109	2787	3877	5806	9678	15264	22657	30767	39137	48397	60637
-15°	1976	2554	3478	5127	8104	12665	18653	25502	32448	39540	47006
-17.5°	1876	2352	3070	4221	6222	9910	14698	20202	25838	31470	36497
-20°	1747	2111	2671	3567	5020	7203	10803	15086	19297	23889	27743

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627974 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1633	1942	2362	2925	3903	5439	7492	10507	13707	17042	20206
-25°	1525	1758	2091	2544	3128	4042	5398	6974	9220	11271	13621
-27.5°	1433	1629	1856	2190	2632	3133	3965	4885	6063	7041	8609
-30°	1346	1502	1689	1904	2228	2609	3056	3614	4190	4768	5519
-32.5°	1263	1395	1541	1715	1915	2201	2479	2837	3152	3499	3857
-35°	1183	1299	1420	1558	1712	1900	2109	2345	2555	2764	2952
-37.5°	1114	1211	1316	1425	1549	1680	1843	2010	2151	2288	2404
-40°	1055	1136	1223	1314	1413	1519	1646	1769	1865	1953	2026
-42.5°	1001	1073	1141	1219	1301	1398	1497	1591	1656	1717	1766
-45°	951	1013	1075	1138	1206	1290	1375	1449	1500	1546	1582
-47.5°	896	952	1009	1067	1132	1199	1267	1322	1367	1407	1433
-50°	843	898	950	997	1055	1115	1175	1221	1261	1295	1314
-52.5°	792	844	896	945	992	1039	1085	1130	1170	1206	1219
-55°	741	793	839	885	931	975	1017	1056	1092	1126	1137
-57.5°	691	744	793	830	869	909	949	987	1022	1053	1064
-60°	635	688	731	767	805	843	877	912	946	976	990
-62.5°	568	616	655	690	725	758	789	821	851	876	891
-65°	489	530	568	603	634	664	693	721	747	767	779
-67.5°	420	450	483	514	545	575	601	626	649	665	676
-70°	354	382	410	439	467	492	516	538	558	573	584
-72.5°	294	318	344	370	394	416	436	455	474	487	497
-75°	239	260	281	303	324	342	358	374	389	400	410
-77.5°	190	206	221	237	254	268	281	294	306	315	323
-80°	140	153	166	178	189	199	209	219	229	237	244
-82.5°	95	105	114	124	133	139	144	149	154	160	166
-85°	55	61	67	73	79	83	86	90	94	97	100
-87.5°	22	24	27	30	32	33	33	34	34	37	39
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627974 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-MR-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	1	2
62.5°	11	9	9	9	9	9	11	12	12	12	12
60°	39	36	35	36	35	36	39	41	41	48	50
57.5°	166	178	185	187	185	178	166	151	135	129	127
55°	252	261	262	258	262	261	252	241	228	216	206
52.5°	326	327	325	321	325	327	326	321	311	294	272
50°	453	451	452	454	452	451	453	447	428	398	369
47.5°	583	589	591	588	591	589	583	574	551	515	475
45°	696	704	707	703	707	704	696	683	655	619	578
42.5°	817	823	825	828	825	823	817	804	769	722	672
40°	978	983	982	979	982	983	978	961	925	868	808
37.5°	1249	1268	1277	1300	1277	1268	1249	1213	1159	1083	1007
35°	1672	1718	1743	1781	1743	1718	1672	1599	1504	1398	1264
32.5°	2310	2403	2453	2502	2453	2403	2310	2174	1985	1784	1587
30°	3434	3618	3692	3829	3692	3618	3434	3157	2756	2405	2052
27.5°	5748	6184	6355	6714	6355	6184	5748	5055	4109	3523	2794
25°	9683	10621	11139	11548	11139	10621	9683	8359	6907	5619	4111
22.5°	15181	16556	17291	17835	17291	16556	15181	13111	11060	8910	6594
20°	22234	24050	25133	25919	25133	24050	22234	19476	16432	13286	10067
17.5°	33791	36645	38313	39747	38313	36645	33791	28750	24824	20682	15169
15°	50447	56181	60638	63120	60638	56181	50447	42571	35511	29271	21849
12.5°	66650	75049	80039	82334	80039	75049	66650	56876	45818	36346	27561
10°	82674	90594	95341	96180	95341	90594	82674	71110	57134	43731	32448
7.5°	94942	103651	109960	112251	109960	103651	94942	83959	68022	52355	38066
5°	105777	115975	122651	123497	122651	115975	105777	92629	76780	58799	42511
2.5°	113747	124833	131307	133532	131307	124833	113747	99139	82498	62741	44874
0°	117603	129543	136746	139987	136746	129543	117603	102413	85299	64589	45828
-2.5°	116791	129141	137181	141412	137181	129141	116791	101718	84187	63314	45243
-5°	112351	124736	132233	136728	132233	124736	112351	96766	79000	59422	43021
-7.5°	102110	113693	121673	125821	121673	113693	102110	88791	70429	53167	39723
-10°	88915	98717	105992	109527	105992	98717	88915	74972	60091	45999	35260
-12.5°	71768	81276	87839	90339	87839	81276	71768	60637	48397	39137	30767
-15°	54987	62244	66906	68382	66906	62244	54987	47006	39540	32448	25502
-17.5°	41700	45607	48229	48936	48229	45607	41700	36497	31470	25838	20202
-20°	31241	33662	35364	35767	35364	33662	31241	27743	23889	19297	15086

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REPORT NUMBER: P627974 (CONVERTED FROM TYPE C PHOTOMETRY)

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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°	22763	24583	25957	26231	25957	24583	22763	20206	17042	13707	10507
-25°	15702	17224	18156	18226	18156	17224	15702	13621	11271	9220	6974
-27.5°	9844	10680	11111	11263	11111	10680	9844	8609	7041	6063	4885
-30°	6083	6468	6671	6678	6671	6468	6083	5519	4768	4190	3614
-32.5°	4129	4316	4417	4416	4417	4316	4129	3857	3499	3152	2837
-35°	3093	3190	3244	3250	3244	3190	3093	2952	2764	2555	2345
-37.5°	2487	2541	2568	2573	2568	2541	2487	2404	2288	2151	2010
-40°	2080	2117	2140	2155	2140	2117	2080	2026	1953	1865	1769
-42.5°	1799	1823	1833	1825	1833	1823	1799	1766	1717	1656	1591
-45°	1602	1617	1626	1629	1626	1617	1602	1582	1546	1500	1449
-47.5°	1446	1453	1458	1460	1458	1453	1446	1433	1407	1367	1322
-50°	1323	1329	1331	1327	1331	1329	1323	1314	1295	1261	1221
-52.5°	1224	1226	1227	1229	1227	1226	1224	1219	1206	1170	1130
-55°	1143	1146	1148	1149	1148	1146	1143	1137	1126	1092	1056
-57.5°	1074	1082	1082	1077	1082	1082	1074	1064	1053	1022	987
-60°	1001	1009	1014	1015	1014	1009	1001	990	976	946	912
-62.5°	902	911	916	917	916	911	902	891	876	851	821
-65°	789	797	808	819	808	797	789	779	767	747	721
-67.5°	684	691	702	712	702	691	684	676	665	649	626
-70°	594	602	605	606	605	602	594	584	573	558	538
-72.5°	506	514	516	516	516	514	506	497	487	474	455
-75°	418	425	427	427	427	425	418	410	400	389	374
-77.5°	330	337	338	338	338	337	330	323	315	306	294
-80°	251	257	254	249	254	257	251	244	237	229	219
-82.5°	172	177	173	169	173	177	172	166	160	154	149
-85°	103	106	102	98	102	106	103	100	97	94	90
-87.5°	42	44	40	36	40	44	42	39	37	34	34
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627974 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-U-MR-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°	2	2	0	0	0	0	0	0	0	0	0
62.5°	12	11	10	9	7	4	3	3	2	1	2
60°	44	31	39	41	34	22	23	18	8	8	7
57.5°	130	124	105	93	90	78	62	49	41	28	17
55°	197	183	167	148	130	121	109	94	78	60	44
52.5°	247	241	227	202	184	169	149	134	119	101	78
50°	343	326	304	281	257	233	212	184	159	142	121
47.5°	441	418	398	372	336	305	278	248	212	180	160
45°	536	502	473	444	409	372	340	306	268	230	195
42.5°	629	581	536	510	471	431	395	362	321	278	241
40°	746	675	628	593	552	494	459	421	377	328	289
37.5°	911	813	754	707	657	595	536	489	438	386	339
35°	1133	1011	901	830	776	698	627	565	507	450	391
32.5°	1375	1222	1067	959	872	793	714	645	574	511	450
30°	1728	1480	1264	1089	977	881	793	714	638	568	507
27.5°	2283	1824	1530	1265	1087	972	875	781	698	623	556
25°	3199	2397	1881	1515	1231	1074	965	856	758	674	604
22.5°	4607	3360	2430	1819	1463	1242	1074	933	819	736	656
20°	7053	4688	3257	2381	1814	1435	1208	1035	907	802	710
17.5°	10863	7345	4336	3094	2288	1746	1385	1154	995	867	764
15°	15254	10338	6465	4128	2822	2003	1546	1269	1087	938	817
12.5°	19696	13429	8311	4970	3276	2290	1737	1405	1178	1000	860
10°	23216	16193	10236	6183	3853	2583	1904	1507	1241	1049	898
7.5°	26838	18460	11858	7093	4334	2828	2033	1588	1294	1089	931
5°	29481	20301	13237	7807	4712	3017	2132	1653	1335	1122	959
2.5°	31289	21558	14169	8246	4963	3150	2210	1704	1374	1144	976
0°	32125	22153	14602	8557	5102	3232	2270	1736	1407	1157	988
-2.5°	31930	22117	14339	8448	5109	3275	2291	1744	1416	1173	999
-5°	30651	21323	13872	8224	4980	3253	2299	1748	1418	1180	1003
-7.5°	28866	19923	12823	7673	4719	3166	2282	1747	1415	1184	1008
-10°	26086	17737	11378	6925	4365	3014	2221	1718	1400	1178	1006
-12.5°	22657	15264	9678	5806	3877	2787	2109	1663	1373	1162	998
-15°	18653	12665	8104	5127	3478	2554	1976	1590	1338	1136	982
-17.5°	14698	9910	6222	4221	3070	2352	1876	1541	1301	1111	967
-20°	10803	7203	5020	3567	2671	2111	1747	1472	1256	1088	955

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REPORT NUMBER: P627974 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7492	5439	3903	2925	2362	1942	1633	1395	1201	1059	936
-25°	5398	4042	3128	2544	2091	1758	1525	1328	1164	1029	911
-27.5°	3965	3133	2632	2190	1856	1629	1433	1260	1119	994	888
-30°	3056	2609	2228	1904	1689	1502	1346	1202	1073	957	861
-32.5°	2479	2201	1915	1715	1541	1395	1263	1140	1023	924	830
-35°	2109	1900	1712	1558	1420	1299	1183	1077	978	885	794
-37.5°	1843	1680	1549	1425	1316	1211	1114	1022	932	842	760
-40°	1646	1519	1413	1314	1223	1136	1055	972	886	798	724
-42.5°	1497	1398	1301	1219	1141	1073	1001	923	842	762	692
-45°	1375	1290	1206	1138	1075	1013	951	877	800	729	662
-47.5°	1267	1199	1132	1067	1009	952	896	830	762	695	626
-50°	1175	1115	1055	997	950	898	843	786	720	653	591
-52.5°	1085	1039	992	945	896	844	792	735	671	614	560
-55°	1017	975	931	885	839	793	741	684	629	577	521
-57.5°	949	909	869	830	793	744	691	639	585	531	477
-60°	877	843	805	767	731	688	635	583	533	483	431
-62.5°	789	758	725	690	655	616	568	520	477	434	387
-65°	693	664	634	603	568	530	489	452	419	384	341
-67.5°	601	575	545	514	483	450	420	390	359	326	288
-70°	516	492	467	439	410	382	354	327	297	268	239
-72.5°	436	416	394	370	344	318	294	269	244	219	194
-75°	358	342	324	303	281	260	239	218	198	179	159
-77.5°	281	268	254	237	221	206	190	173	156	140	123
-80°	209	199	189	178	166	153	140	127	113	101	89
-82.5°	144	139	133	124	114	105	95	86	76	67	58
-85°	86	83	79	73	67	61	55	49	43	38	32
-87.5°	33	33	32	30	27	24	22	19	17	15	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627974 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-MR-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	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	1	0	0	0
60°	5	4	2	2	1	0	1	2	2	0	0
57.5°	14	10	6	5	4	2	1	3	4	2	0
55°	29	21	13	8	7	6	3	4	6	4	0
52.5°	57	39	26	14	8	9	6	4	6	6	3
50°	92	65	44	28	12	10	8	6	7	8	5
47.5°	135	99	68	46	27	14	12	8	7	9	7
45°	172	140	98	68	43	26	17	9	8	9	8
42.5°	207	177	137	89	63	40	23	14	9	9	9
40°	251	212	174	125	85	53	35	21	9	9	9
37.5°	296	252	208	159	109	74	46	29	13	11	9
35°	341	294	241	190	138	94	56	38	21	13	9
32.5°	386	332	275	220	165	115	71	48	30	16	9
30°	436	368	307	249	189	138	91	59	38	20	10
27.5°	485	403	336	276	215	158	111	71	45	25	12
25°	531	444	367	301	239	180	130	83	54	32	15
22.5°	574	485	396	324	266	201	148	100	64	38	19
20°	618	524	426	355	292	224	166	115	74	43	22
17.5°	662	563	466	387	316	246	182	128	84	49	26
15°	705	601	502	417	341	266	198	141	94	54	30
12.5°	744	636	534	445	365	284	213	152	103	59	35
10°	778	667	562	470	387	301	227	163	113	64	39
7.5°	806	694	586	494	408	316	239	172	121	69	43
5°	829	716	605	510	423	331	250	181	129	73	47
2.5°	844	730	620	523	435	345	259	189	136	77	50
0°	855	739	632	534	445	356	267	196	142	80	53
-2.5°	865	748	644	545	455	368	276	202	147	88	55
-5°	870	754	653	554	463	377	282	206	152	95	55
-7.5°	874	760	659	560	469	384	287	210	155	101	56
-10°	875	764	665	565	474	387	290	212	158	106	56
-12.5°	871	766	667	567	476	389	295	217	160	109	57
-15°	864	765	665	566	476	389	299	221	162	109	57
-17.5°	854	760	660	561	474	388	300	223	163	108	59
-20°	846	752	652	553	470	386	300	223	163	107	62

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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°	833	737	640	545	463	383	298	219	161	104	64
-25°	816	720	627	538	457	378	293	214	157	101	66
-27.5°	794	700	612	528	449	371	286	209	153	98	66
-30°	768	682	598	516	438	360	275	203	147	97	67
-32.5°	740	662	582	501	424	347	262	194	142	97	66
-35°	715	641	564	482	408	332	251	184	137	96	65
-37.5°	686	616	539	462	392	315	243	180	131	94	63
-40°	658	588	511	442	373	298	233	175	127	91	61
-42.5°	629	557	488	422	354	286	223	169	123	87	59
-45°	594	528	466	401	335	273	213	161	117	84	56
-47.5°	562	504	441	377	318	258	202	152	110	80	54
-50°	535	476	412	352	297	243	189	142	105	76	51
-52.5°	503	441	382	326	275	225	174	130	98	71	47
-55°	463	404	349	300	252	204	157	120	90	65	42
-57.5°	421	365	319	273	227	181	141	110	82	59	39
-60°	380	333	289	244	200	160	127	98	74	52	36
-62.5°	342	299	255	213	175	142	112	88	65	47	32
-65°	298	258	219	184	151	123	99	77	58	42	28
-67.5°	250	218	186	155	129	105	85	67	51	36	26
-70°	209	180	154	129	107	88	73	58	44	32	23
-72.5°	171	148	124	102	88	74	61	49	37	27	20
-75°	137	118	99	84	72	60	50	39	30	22	17
-77.5°	107	91	77	66	57	47	38	29	23	18	14
-80°	78	68	59	51	43	35	27	21	17	14	11
-82.5°	52	46	41	37	30	24	19	14	11	9	8
-85°	29	27	24	22	17	13	10	8	7	6	5
-87.5°	12	11	11	10	8	7	5	4	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627974 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-U-MR-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	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	1	0	0	0	0	0	0
52.5°	2	0	0	0	0	0	0
50°	3	1	0	0	0	0	0
47.5°	4	2	0	0	0	0	0
45°	5	3	0	0	0	0	0
42.5°	6	4	0	0	0	0	0
40°	7	5	0	0	0	0	0
37.5°	8	6	1	0	0	0	0
35°	9	7	2	0	0	0	0
32.5°	9	8	3	0	0	0	0
30°	9	8	4	0	0	0	0
27.5°	9	8	5	0	0	0	0
25°	9	9	6	0	0	0	0
22.5°	9	9	6	0	0	0	0
20°	9	9	7	0	0	0	0
17.5°	9	9	7	0	0	0	0
15°	10	9	8	0	0	0	0
12.5°	11	9	8	0	0	0	0
10°	13	9	8	0	0	0	0
7.5°	14	9	9	0	0	0	0
5°	15	9	9	0	0	0	0
2.5°	17	9	9	0	0	0	0
0°	18	9	9	0	0	0	0
-2.5°	21	10	9	1	0	0	0
-5°	25	11	9	1	0	0	0
-7.5°	28	12	9	2	0	0	0
-10°	30	13	9	2	0	0	0
-12.5°	33	13	8	3	0	0	0
-15°	34	14	8	3	0	0	0
-17.5°	35	14	8	3	0	0	0
-20°	36	14	8	4	0	0	0

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CATALOG NUMBER: GFLD-SA6E-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	37	14	8	4	0	0	0
-25°	37	15	8	4	0	0	0
-27.5°	37	16	9	4	0	0	0
-30°	37	17	9	4	0	0	0
-32.5°	36	18	10	4	0	0	0
-35°	36	18	11	3	0	0	0
-37.5°	36	18	11	3	0	0	0
-40°	36	19	12	3	0	0	0
-42.5°	35	19	12	2	0	0	0
-45°	33	19	11	2	0	0	0
-47.5°	31	19	10	1	0	0	0
-50°	30	19	10	1	0	0	0
-52.5°	29	18	9	2	0	0	0
-55°	27	17	8	2	0	0	0
-57.5°	25	16	7	2	0	0	0
-60°	23	15	7	2	0	0	0
-62.5°	22	14	6	2	0	0	0
-65°	20	12	6	2	0	0	0
-67.5°	18	11	6	2	0	0	0
-70°	17	10	5	2	0	0	0
-72.5°	15	9	5	2	0	0	0
-75°	13	8	4	2	0	0	0
-77.5°	11	7	4	1	0	0	0
-80°	9	6	3	1	0	0	0
-82.5°	7	4	2	1	0	0	0
-85°	5	3	2	1	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)