

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: P628004 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P628004 (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-740-U-MR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 47957.6 lumens
Efficiency: N/A
Efficacy: 127.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 169089.8 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 23979.3 lumens
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 41204.5 lumens
Field Efficiency: 85.9%

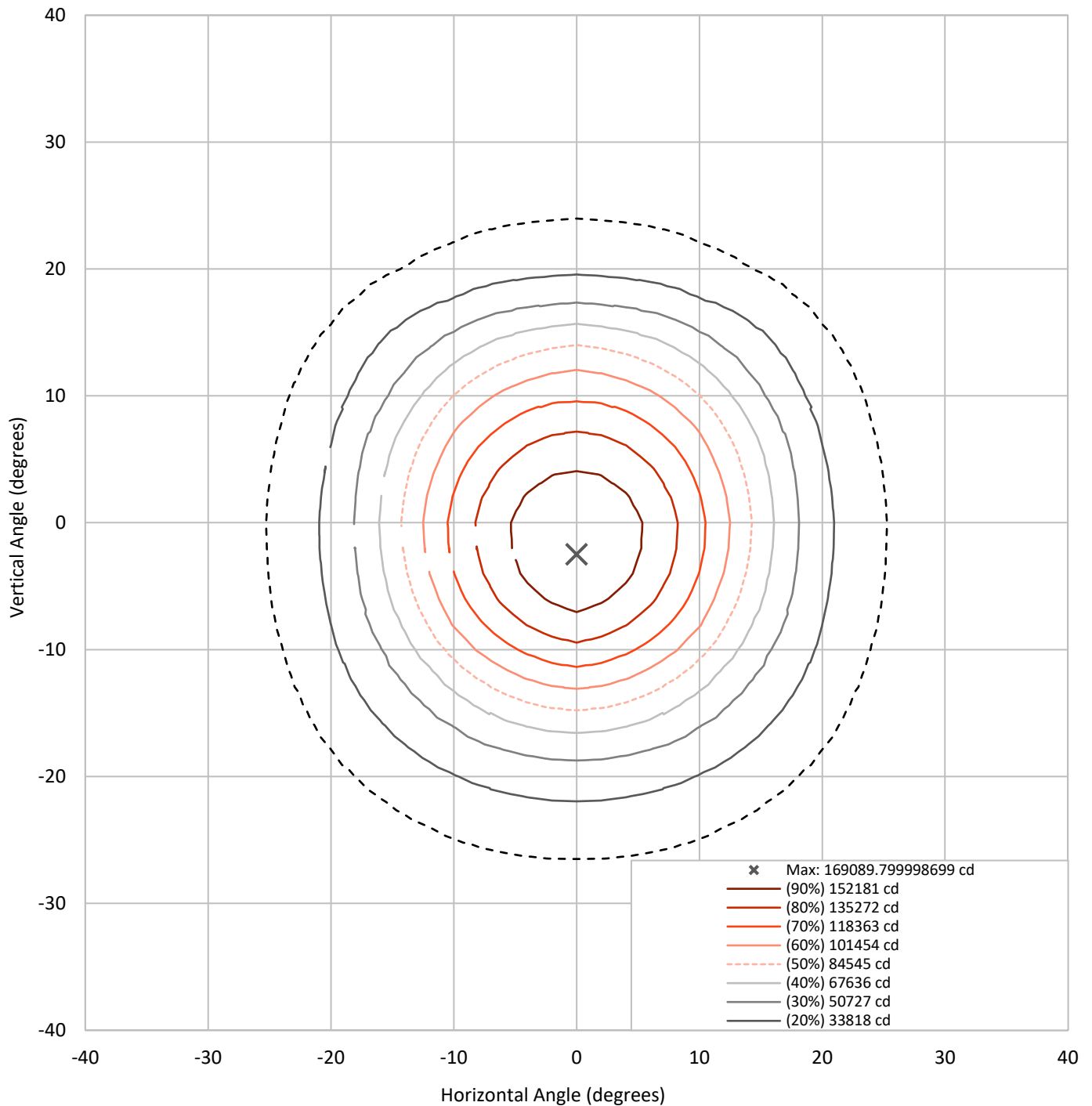
Input Watts (W): 376.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P628004 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-MR-VSR-XX

Iso-Candela Plot





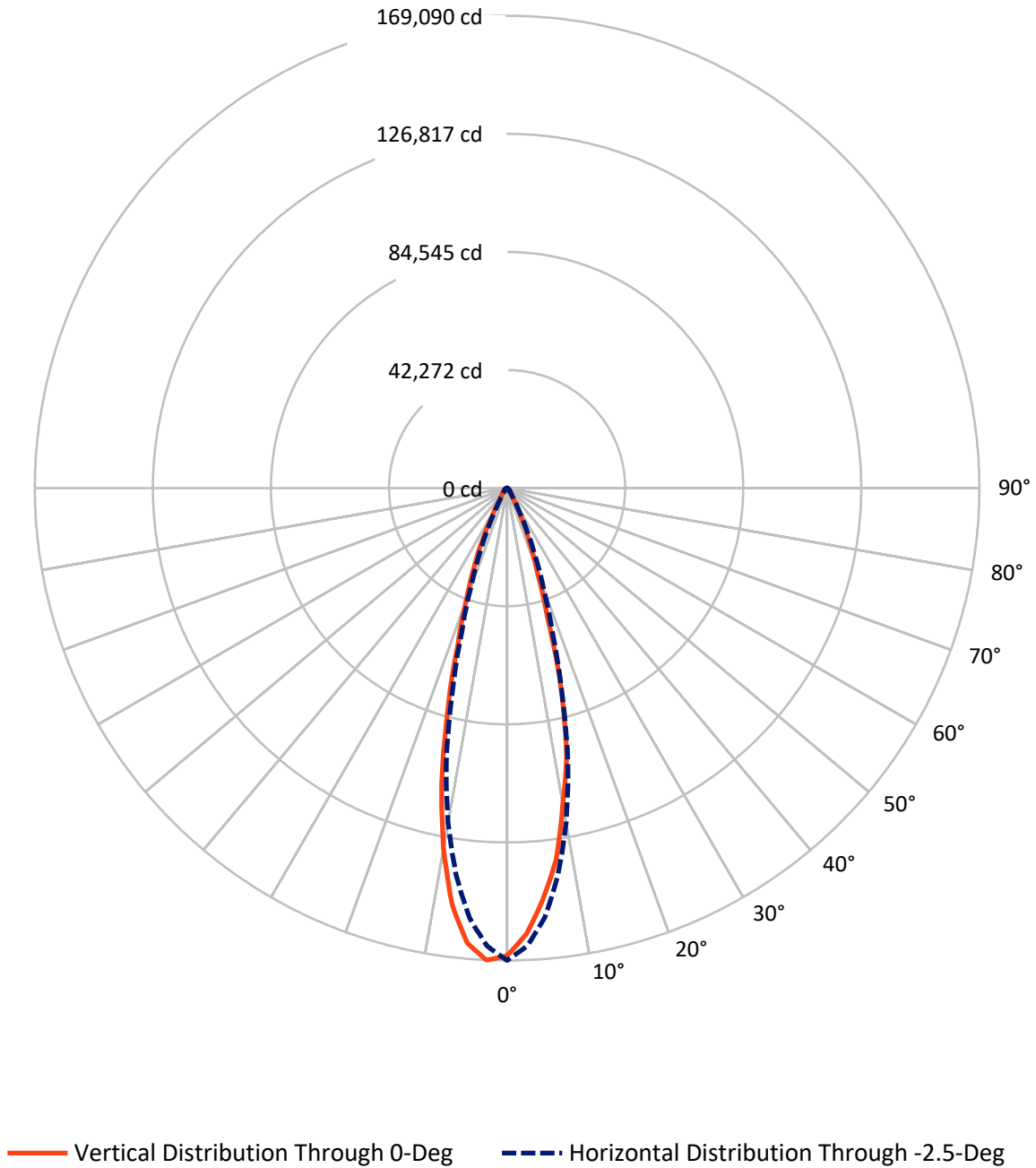
REPORT NUMBER: P628004 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																								
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0									
70																								
60	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0								
50		0.1	0.3	1.4	3.3	5.5	7.6	9.1	9.1	7.6	5.5	3.3	1.4	0.3	0.1									
40	0.1	0.2	1.6	5.2	10.1	15.5	21.8	25.6	25.6	21.8	15.5	10.1	5.2	1.6	0.2	0.1								
30		0.7	4.1	10.3	18.9	31.0	51.7	69.0	69.0	51.7	31.0	18.9	10.3	4.1	0.7									
20	0.4	1.5	6.5	15.7	29.8	72.4	227.6	417.4	417.4	227.6	72.4	29.8	15.7	6.5	1.5	0.4								
10		2.4	8.9	21.3	51.0	249.8	1015.6	1988.6	1988.6	1015.6	249.8	51.0	21.3	8.9	2.4									
0	0.7	3.0	10.8	25.4	73.2	476.1	2050.7	4019.5	4019.5	2050.7	476.1	73.2	25.4	10.8	3.0	0.7								
-10		3.5	11.8	26.8	78.2	498.7	2104.2	4262.1	4262.1	2104.2	498.7	78.2	26.8	11.8	3.5									
-20	0.9	3.7	12.0	26.1	64.3	306.3	1163.6	2255.5	2255.5	1163.6	306.3	64.3	26.1	12.0	3.7	0.9								
-30		3.6	11.4	23.9	47.1	118.9	360.3	642.9	642.9	360.3	118.9	47.1	23.9	11.4	3.6									
-40	0.9	3.1	10.2	20.7	35.8	58.7	95.8	128.2	128.2	95.8	58.7	35.8	20.7	10.2	3.1	0.9								
-50		2.6	8.5	17.1	28.2	40.4	53.3	59.7	59.7	53.3	40.4	28.2	17.1	8.5	2.6									
-60	0.5	2.0	6.4	13.4	22.1	30.7	38.4	41.8	41.8	38.4	30.7	22.1	13.4	6.4	2.0	0.5								
-70		1.3	4.0	8.7	14.7	20.9	26.2	29.0	29.0	26.2	20.9	14.7	8.7	4.0	1.3									
-80	0.2	3.1	14.2	30.6	38.7	30.6	14.2	3.1	0.2															
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90					

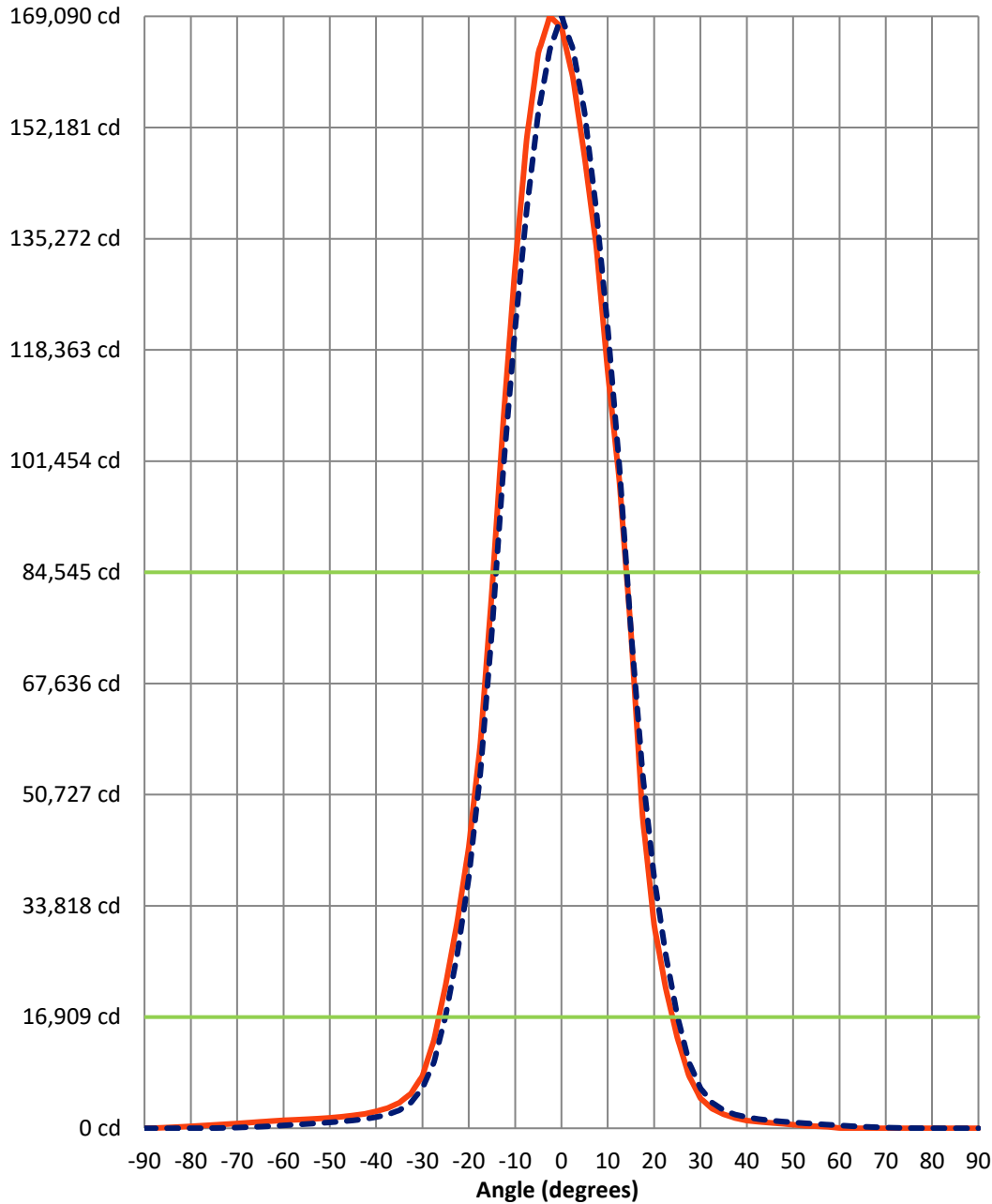
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 23979.3
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 41204.5
 Efficiency: 85.9%

Spill:
 Lumens: 6753.1
 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	3
57.5°	0	0	0	0	0	0	0	0	2	5	4
55°	0	0	0	0	0	0	1	1	5	7	4
52.5°	0	0	0	0	0	0	2	3	8	7	5
50°	0	0	0	0	0	1	3	6	10	8	7
47.5°	0	0	0	0	0	2	4	8	11	8	9
45°	0	0	0	0	0	3	6	10	11	10	10
42.5°	0	0	0	0	0	5	7	11	11	10	17
40°	0	0	0	0	1	6	8	11	11	11	25
37.5°	0	0	0	0	2	7	9	11	13	16	35
35°	0	0	0	0	3	8	10	11	16	26	46
32.5°	0	0	0	0	4	9	11	11	19	35	58
30°	0	0	0	0	5	10	11	11	24	45	71
27.5°	0	0	0	0	6	10	11	15	30	54	85
25°	0	0	0	0	7	10	11	18	38	64	100
22.5°	0	0	0	0	7	11	11	22	45	76	119
20°	0	0	0	0	8	11	11	27	52	88	137
17.5°	0	0	0	0	9	11	11	31	58	100	153
15°	0	0	0	0	9	11	12	36	64	112	168
12.5°	0	0	0	0	10	11	14	41	70	123	182
10°	0	0	0	0	10	11	15	47	76	135	194
7.5°	0	0	0	0	10	11	17	52	82	145	206
5°	0	0	0	0	10	11	18	56	87	155	217
2.5°	0	0	0	0	11	11	20	60	92	163	226
0°	0	0	0	0	11	11	21	64	96	170	234
-2.5°	0	0	0	1	11	12	25	65	105	176	241
-5°	0	0	0	1	10	13	29	66	114	181	246
-7.5°	0	0	0	2	10	14	33	67	121	185	251
-10°	0	0	0	3	10	15	36	67	126	188	253
-12.5°	0	0	0	3	10	16	39	68	130	191	259
-15°	0	0	0	4	10	16	41	68	131	194	264
-17.5°	0	0	0	4	10	17	42	71	129	195	267
-20°	0	0	0	4	10	17	43	74	127	194	266

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REPORT NUMBER: P628004 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-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	5	10	17	44	77	125	192	262
-25°	0	0	0	5	10	18	44	78	121	188	255
-27.5°	0	0	0	5	10	20	44	79	117	182	250
-30°	0	0	0	5	11	21	44	80	116	176	242
-32.5°	0	0	0	5	12	21	43	79	116	170	233
-35°	0	0	0	4	13	21	43	77	115	163	220
-37.5°	0	0	0	4	13	22	43	75	112	156	215
-40°	0	0	0	3	14	23	43	73	108	151	209
-42.5°	0	0	0	2	14	23	42	70	104	147	202
-45°	0	0	0	2	13	23	40	67	101	140	192
-47.5°	0	0	0	1	12	23	38	64	96	132	182
-50°	0	0	0	2	12	22	36	60	91	125	169
-52.5°	0	0	0	2	11	21	35	56	85	117	155
-55°	0	0	0	2	10	20	33	50	78	108	144
-57.5°	0	0	0	2	9	19	30	47	70	99	131
-60°	0	0	0	2	8	18	28	43	62	89	118
-62.5°	0	0	0	2	8	16	26	38	57	78	105
-65°	0	0	0	2	7	15	24	34	50	69	92
-67.5°	0	0	0	2	7	13	22	31	44	61	80
-70°	0	0	0	2	6	12	20	28	38	52	70
-72.5°	0	0	0	2	6	11	18	24	33	44	58
-75°	0	0	0	2	5	10	16	21	27	35	47
-77.5°	0	0	0	2	4	8	13	17	21	27	34
-80°	0	0	0	1	4	7	11	13	16	20	25
-82.5°	0	0	0	1	3	5	8	10	11	13	16
-85°	0	0	0	1	2	3	5	6	7	8	9
-87.5°	0	0	0	0	1	2	3	3	4	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA6E-740-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	2	2	1	3	4
60°	1	0	2	3	2	5	6	9	10	10	22
57.5°	1	2	5	6	8	12	17	20	34	49	59
55°	3	7	8	9	15	25	34	53	71	93	112
52.5°	7	11	10	17	31	46	68	93	121	142	160
50°	10	12	14	34	53	77	110	145	170	190	220
47.5°	14	16	32	55	82	118	162	191	215	253	297
45°	20	31	52	81	117	167	205	233	275	320	365
42.5°	28	48	76	106	164	212	248	288	333	384	433
40°	42	64	102	150	208	254	300	345	392	451	503
37.5°	55	88	131	191	249	301	353	405	462	524	584
35°	67	113	165	228	288	351	408	468	538	606	675
32.5°	85	138	197	263	329	398	461	538	611	686	771
30°	109	165	226	298	367	440	522	607	679	763	854
27.5°	133	189	257	331	402	482	580	665	745	835	934
25°	155	215	286	361	439	530	635	722	806	906	1024
22.5°	177	240	319	388	474	580	687	785	880	979	1116
20°	198	268	349	424	509	626	739	849	959	1084	1238
17.5°	218	294	378	463	557	673	792	913	1037	1190	1380
15°	237	318	408	499	600	719	844	977	1121	1299	1518
12.5°	255	340	436	532	639	760	890	1029	1195	1409	1681
10°	271	359	463	563	672	798	930	1074	1254	1484	1802
7.5°	286	378	487	590	701	830	964	1114	1302	1547	1899
5°	299	396	506	610	724	856	992	1147	1341	1596	1977
2.5°	310	412	521	626	742	872	1010	1168	1368	1643	2037
0°	319	426	532	639	756	884	1022	1182	1384	1682	2076
-2.5°	329	440	544	652	770	895	1034	1194	1402	1694	2086
-5°	337	451	554	662	781	902	1040	1200	1411	1695	2090
-7.5°	343	459	561	669	789	909	1045	1205	1416	1692	2088
-10°	347	463	566	676	795	914	1046	1203	1409	1674	2054
-12.5°	353	465	569	678	797	916	1042	1193	1389	1642	1988
-15°	357	465	569	677	795	914	1034	1174	1358	1600	1902
-17.5°	359	464	567	671	790	909	1022	1156	1328	1555	1842
-20°	359	461	561	661	780	899	1011	1142	1301	1502	1760

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CATALOG NUMBER: GFLD-SA6E-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	356	458	554	652	765	882	996	1119	1267	1436	1668
-25°	351	452	546	643	749	861	976	1089	1230	1391	1588
-27.5°	342	444	537	631	731	837	949	1062	1189	1337	1507
-30°	329	431	524	617	715	815	918	1030	1145	1283	1438
-32.5°	313	415	507	599	696	792	885	992	1105	1223	1363
-35°	300	397	488	577	674	766	855	949	1058	1170	1288
-37.5°	290	377	468	552	645	737	820	908	1006	1115	1222
-40°	279	357	446	529	611	703	787	866	954	1059	1162
-42.5°	266	342	423	505	584	666	752	828	911	1007	1104
-45°	255	326	401	479	557	631	711	791	872	957	1048
-47.5°	241	309	381	450	527	602	671	749	832	911	992
-50°	225	290	356	421	493	569	640	706	781	862	940
-52.5°	208	269	329	390	456	528	601	670	734	803	878
-55°	187	244	301	358	417	484	553	622	690	753	818
-57.5°	169	216	271	327	381	437	504	570	635	699	764
-60°	152	191	239	292	346	398	454	516	578	638	697
-62.5°	134	169	209	254	305	357	409	462	519	570	622
-65°	118	147	181	220	262	308	357	408	459	500	541
-67.5°	101	126	154	185	223	260	299	344	390	429	466
-70°	87	105	128	154	184	215	250	285	320	355	391
-72.5°	73	89	105	123	148	177	204	232	262	292	322
-75°	59	72	86	100	119	141	164	190	214	237	261
-77.5°	45	57	68	79	92	109	128	147	167	187	207
-80°	33	42	52	61	71	82	93	106	121	136	152
-82.5°	22	29	36	44	50	56	62	70	80	91	102
-85°	12	16	21	26	29	32	35	39	45	52	59
-87.5°	6	8	10	12	13	14	14	15	18	20	23
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA6E-740-U-MR-VSR-XX

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	3	2	1	0	0
62.5°	3	5	8	11	12	13	14	14	15	15	14
60°	27	26	40	49	47	37	52	60	57	49	49
57.5°	75	93	107	112	126	148	155	152	155	162	181
55°	131	145	156	177	199	219	235	246	259	273	289
52.5°	178	203	220	242	271	288	296	325	351	371	384
50°	253	279	307	336	364	389	411	441	476	512	535
47.5°	332	365	401	444	475	500	527	568	616	659	686
45°	406	444	489	531	566	600	641	691	740	784	817
42.5°	472	515	563	610	641	695	753	803	864	919	961
40°	549	590	660	709	751	807	892	967	1038	1106	1149
37.5°	641	711	786	846	902	972	1089	1204	1295	1386	1450
35°	750	834	928	993	1078	1209	1354	1512	1671	1798	1912
32.5°	854	948	1043	1147	1276	1461	1644	1898	2133	2373	2599
30°	948	1053	1168	1302	1511	1769	2067	2454	2876	3296	3775
27.5°	1047	1162	1300	1513	1829	2181	2730	3341	4212	4914	6044
25°	1154	1285	1471	1811	2249	2867	3825	4916	6719	8259	9995
22.5°	1284	1484	1750	2175	2906	4018	5509	7885	10654	13225	15677
20°	1444	1716	2169	2847	3895	5606	8433	12037	15886	19649	23288
17.5°	1656	2088	2735	3700	5185	8782	12989	18139	24731	29682	34377
15°	1849	2395	3375	4936	7730	12361	18239	26125	35000	42462	50903
12.5°	2077	2738	3918	5943	9937	16058	23551	32956	43459	54786	68008
10°	2277	3088	4607	7394	12239	19362	27760	38799	52290	68317	85028
7.5°	2430	3381	5182	8482	14178	22073	32091	45517	62603	81335	100393
5°	2549	3608	5634	9335	15828	24274	35251	50832	70307	91808	110759
2.5°	2643	3767	5934	9859	16943	25777	37413	53657	75021	98645	118543
0°	2715	3865	6100	10231	17460	26489	38413	54798	77231	101995	122457
-2.5°	2740	3916	6109	10102	17145	26446	38179	54098	75706	100665	121627
-5°	2749	3890	5955	9834	16587	25497	36651	51441	71052	94463	115706
-7.5°	2729	3786	5642	9175	15333	23823	34516	47498	63573	84214	106169
-10°	2655	3604	5219	8281	13605	21209	31192	42161	55003	71853	89646
-12.5°	2522	3333	4636	6942	11573	18251	27092	36789	46797	57870	72505
-15°	2363	3054	4159	6131	9690	15144	22304	30493	38799	47279	56207
-17.5°	2243	2813	3670	5047	7440	11850	17575	24156	30895	37629	43641
-20°	2089	2524	3194	4265	6002	8612	12918	18039	23074	28565	33173

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Scaled Data Report



REPORT NUMBER: P628004 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-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°	1952	2322	2824	3498	4667	6504	8959	12563	16390	20378	24161
-25°	1823	2102	2500	3042	3740	4833	6454	8339	11024	13477	16287
-27.5°	1714	1948	2219	2619	3148	3747	4742	5842	7250	8419	10295
-30°	1609	1796	2019	2276	2664	3120	3654	4321	5010	5701	6599
-32.5°	1511	1668	1842	2051	2290	2632	2964	3392	3769	4184	4612
-35°	1414	1554	1698	1863	2047	2272	2521	2804	3055	3305	3530
-37.5°	1332	1448	1574	1704	1852	2008	2204	2404	2572	2735	2874
-40°	1261	1358	1463	1571	1690	1816	1969	2115	2229	2335	2423
-42.5°	1197	1283	1365	1457	1555	1672	1790	1902	1980	2053	2112
-45°	1137	1211	1286	1361	1442	1543	1644	1732	1793	1848	1891
-47.5°	1071	1139	1206	1276	1354	1434	1515	1581	1635	1682	1714
-50°	1008	1074	1135	1193	1262	1334	1404	1460	1508	1549	1571
-52.5°	946	1010	1071	1130	1186	1243	1298	1351	1399	1442	1458
-55°	886	948	1003	1058	1113	1166	1216	1262	1306	1347	1359
-57.5°	826	890	948	993	1039	1087	1135	1180	1222	1259	1273
-60°	759	823	874	918	962	1008	1049	1090	1132	1167	1183
-62.5°	679	737	783	825	867	906	944	981	1018	1048	1065
-65°	584	634	680	721	758	794	829	862	893	917	931
-67.5°	502	538	577	615	652	687	718	748	776	795	808
-70°	424	456	491	524	558	589	616	643	668	685	699
-72.5°	351	381	411	442	472	498	521	544	567	582	594
-75°	285	310	336	362	388	409	429	447	465	479	490
-77.5°	227	246	265	284	304	321	337	352	366	376	386
-80°	168	183	198	212	226	238	250	262	274	283	292
-82.5°	114	125	137	148	159	166	173	178	184	191	198
-85°	66	73	80	87	94	99	103	108	112	116	120
-87.5°	26	29	32	35	39	39	40	41	41	44	47
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P628004 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-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°	13	11	10	11	10	11	13	14	15	15	14
60°	46	43	42	43	42	43	46	49	49	57	60
57.5°	198	213	221	224	221	213	198	181	162	155	152
55°	302	312	314	309	314	312	302	289	273	259	246
52.5°	390	391	389	383	389	391	390	384	371	351	325
50°	541	540	540	543	540	540	541	535	512	476	441
47.5°	697	704	707	703	707	704	697	686	659	616	568
45°	832	842	846	841	846	842	832	817	784	740	691
42.5°	977	984	987	990	987	984	977	961	919	864	803
40°	1169	1176	1174	1171	1174	1176	1169	1149	1106	1038	967
37.5°	1494	1516	1527	1554	1527	1516	1494	1450	1386	1295	1204
35°	2000	2055	2084	2129	2084	2055	2000	1912	1798	1671	1512
32.5°	2762	2874	2933	2992	2933	2874	2762	2599	2373	2133	1898
30°	4106	4326	4415	4578	4415	4326	4106	3775	3296	2876	2454
27.5°	6873	7394	7599	8028	7599	7394	6873	6044	4914	4212	3341
25°	11578	12700	13319	13809	13319	12700	11578	9995	8259	6719	4916
22.5°	18152	19797	20676	21325	20676	19797	18152	15677	13225	10654	7885
20°	26586	28757	30052	30992	30052	28757	26586	23288	19649	15886	12037
17.5°	40405	43817	45812	47527	45812	43817	40405	34377	29682	24731	18139
15°	60321	67177	72506	75474	72506	67177	60321	50903	42462	35000	26125
12.5°	79695	89738	95705	98449	95705	89738	79695	68008	54786	43459	32956
10°	98856	108325	114002	115005	114002	108325	98856	85028	68317	52290	38799
7.5°	113524	123938	131482	134222	131482	123938	113524	100393	81335	62603	45517
5°	126480	138674	146657	147669	146657	138674	126480	110759	91808	70307	50832
2.5°	136010	149266	157007	159668	157007	149266	136010	118543	98645	75021	53657
0°	140621	154898	163511	167386	163511	154898	140621	122457	101995	77231	54798
-2.5°	139651	154417	164031	169090	164031	154417	139651	121627	100665	75706	54098
-5°	134341	149151	158115	163490	158115	149151	134341	115706	94463	71052	51441
-7.5°	122096	135946	145488	150447	145488	135946	122096	106169	84214	63573	47498
-10°	106318	118039	126737	130964	126737	118039	106318	89646	71853	55003	42161
-12.5°	85815	97184	105031	108021	105031	97184	85815	72505	57870	46797	36789
-15°	65750	74427	80002	81766	80002	74427	65750	56207	47279	38799	30493
-17.5°	49862	54533	57669	58514	57669	54533	49862	43641	37629	30895	24156
-20°	37356	40251	42286	42768	42286	40251	37356	33173	28565	23074	18039

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REPORT NUMBER: P628004 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	27218	29394	31038	31365	31038	29394	27218	24161	20378	16390	12563
-25°	18775	20595	21710	21794	21710	20595	18775	16287	13477	11024	8339
-27.5°	11771	12770	13286	13468	13286	12770	11771	10295	8419	7250	5842
-30°	7274	7735	7977	7985	7977	7735	7274	6599	5701	5010	4321
-32.5°	4938	5160	5282	5281	5282	5160	4938	4612	4184	3769	3392
-35°	3699	3814	3879	3886	3879	3814	3699	3530	3305	3055	2804
-37.5°	2974	3038	3071	3077	3071	3038	2974	2874	2735	2572	2404
-40°	2487	2531	2559	2576	2559	2531	2487	2423	2335	2229	2115
-42.5°	2151	2180	2192	2183	2192	2180	2151	2112	2053	1980	1902
-45°	1916	1933	1944	1948	1944	1933	1916	1891	1848	1793	1732
-47.5°	1729	1738	1743	1746	1743	1738	1729	1714	1682	1635	1581
-50°	1582	1589	1591	1586	1591	1589	1582	1571	1549	1508	1460
-52.5°	1464	1465	1468	1469	1468	1465	1464	1458	1442	1399	1351
-55°	1366	1370	1372	1373	1372	1370	1366	1359	1347	1306	1262
-57.5°	1284	1293	1293	1288	1293	1293	1284	1273	1259	1222	1180
-60°	1197	1207	1212	1214	1212	1207	1197	1183	1167	1132	1090
-62.5°	1079	1090	1095	1097	1095	1090	1079	1065	1048	1018	981
-65°	943	952	966	979	966	952	943	931	917	893	862
-67.5°	818	826	839	852	839	826	818	808	795	776	748
-70°	710	720	723	724	723	720	710	699	685	668	643
-72.5°	605	614	617	618	617	614	605	594	582	567	544
-75°	500	508	510	511	510	508	500	490	479	465	447
-77.5°	395	402	404	405	404	402	395	386	376	366	352
-80°	300	307	303	298	303	307	300	292	283	274	262
-82.5°	205	212	207	202	207	212	205	198	191	184	178
-85°	124	127	122	117	122	127	124	120	116	112	108
-87.5°	50	53	48	43	48	53	50	47	44	41	41
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P628004 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-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°	3	2	0	0	0	0	0	0	0	0	0
62.5°	14	13	12	11	8	5	3	4	3	1	2
60°	52	37	47	49	40	26	27	22	10	10	9
57.5°	155	148	126	112	107	93	75	59	49	34	20
55°	235	219	199	177	156	145	131	112	93	71	53
52.5°	296	288	271	242	220	203	178	160	142	121	93
50°	411	389	364	336	307	279	253	220	190	170	145
47.5°	527	500	475	444	401	365	332	297	253	215	191
45°	641	600	566	531	489	444	406	365	320	275	233
42.5°	753	695	641	610	563	515	472	433	384	333	288
40°	892	807	751	709	660	590	549	503	451	392	345
37.5°	1089	972	902	846	786	711	641	584	524	462	405
35°	1354	1209	1078	993	928	834	750	675	606	538	468
32.5°	1644	1461	1276	1147	1043	948	854	771	686	611	538
30°	2067	1769	1511	1302	1168	1053	948	854	763	679	607
27.5°	2730	2181	1829	1513	1300	1162	1047	934	835	745	665
25°	3825	2867	2249	1811	1471	1285	1154	1024	906	806	722
22.5°	5509	4018	2906	2175	1750	1484	1284	1116	979	880	785
20°	8433	5606	3895	2847	2169	1716	1444	1238	1084	959	849
17.5°	12989	8782	5185	3700	2735	2088	1656	1380	1190	1037	913
15°	18239	12361	7730	4936	3375	2395	1849	1518	1299	1121	977
12.5°	23551	16058	9937	5943	3918	2738	2077	1681	1409	1195	1029
10°	27760	19362	12239	7394	4607	3088	2277	1802	1484	1254	1074
7.5°	32091	22073	14178	8482	5182	3381	2430	1899	1547	1302	1114
5°	35251	24274	15828	9335	5634	3608	2549	1977	1596	1341	1147
2.5°	37413	25777	16943	9859	5934	3767	2643	2037	1643	1368	1168
0°	38413	26489	17460	10231	6100	3865	2715	2076	1682	1384	1182
-2.5°	38179	26446	17145	10102	6109	3916	2740	2086	1694	1402	1194
-5°	36651	25497	16587	9834	5955	3890	2749	2090	1695	1411	1200
-7.5°	34516	23823	15333	9175	5642	3786	2729	2088	1692	1416	1205
-10°	31192	21209	13605	8281	5219	3604	2655	2054	1674	1409	1203
-12.5°	27092	18251	11573	6942	4636	3333	2522	1988	1642	1389	1193
-15°	22304	15144	9690	6131	4159	3054	2363	1902	1600	1358	1174
-17.5°	17575	11850	7440	5047	3670	2813	2243	1842	1555	1328	1156
-20°	12918	8612	6002	4265	3194	2524	2089	1760	1502	1301	1142

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REPORT NUMBER: P628004 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-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°	8959	6504	4667	3498	2824	2322	1952	1668	1436	1267	1119
-25°	6454	4833	3740	3042	2500	2102	1823	1588	1391	1230	1089
-27.5°	4742	3747	3148	2619	2219	1948	1714	1507	1337	1189	1062
-30°	3654	3120	2664	2276	2019	1796	1609	1438	1283	1145	1030
-32.5°	2964	2632	2290	2051	1842	1668	1511	1363	1223	1105	992
-35°	2521	2272	2047	1863	1698	1554	1414	1288	1170	1058	949
-37.5°	2204	2008	1852	1704	1574	1448	1332	1222	1115	1006	908
-40°	1969	1816	1690	1571	1463	1358	1261	1162	1059	954	866
-42.5°	1790	1672	1555	1457	1365	1283	1197	1104	1007	911	828
-45°	1644	1543	1442	1361	1286	1211	1137	1048	957	872	791
-47.5°	1515	1434	1354	1276	1206	1139	1071	992	911	832	749
-50°	1404	1334	1262	1193	1135	1074	1008	940	862	781	706
-52.5°	1298	1243	1186	1130	1071	1010	946	878	803	734	670
-55°	1216	1166	1113	1058	1003	948	886	818	753	690	622
-57.5°	1135	1087	1039	993	948	890	826	764	699	635	570
-60°	1049	1008	962	918	874	823	759	697	638	578	516
-62.5°	944	906	867	825	783	737	679	622	570	519	462
-65°	829	794	758	721	680	634	584	541	500	459	408
-67.5°	718	687	652	615	577	538	502	466	429	390	344
-70°	616	589	558	524	491	456	424	391	355	320	285
-72.5°	521	498	472	442	411	381	351	322	292	262	232
-75°	429	409	388	362	336	310	285	261	237	214	190
-77.5°	337	321	304	284	265	246	227	207	187	167	147
-80°	250	238	226	212	198	183	168	152	136	121	106
-82.5°	173	166	159	148	137	125	114	102	91	80	70
-85°	103	99	94	87	80	73	66	59	52	45	39
-87.5°	40	39	39	35	32	29	26	23	20	18	15
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P628004 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-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°	2	0	0	0	0	0	0	1	0	0	0
60°	6	5	2	3	2	0	1	3	2	0	0
57.5°	17	12	8	6	5	2	1	4	5	2	0
55°	34	25	15	9	8	7	3	4	7	5	1
52.5°	68	46	31	17	10	11	7	5	7	8	3
50°	110	77	53	34	14	12	10	7	8	10	6
47.5°	162	118	82	55	32	16	14	9	8	11	8
45°	205	167	117	81	52	31	20	10	10	11	10
42.5°	248	212	164	106	76	48	28	17	10	11	11
40°	300	254	208	150	102	64	42	25	11	11	11
37.5°	353	301	249	191	131	88	55	35	16	13	11
35°	408	351	288	228	165	113	67	46	26	16	11
32.5°	461	398	329	263	197	138	85	58	35	19	11
30°	522	440	367	298	226	165	109	71	45	24	11
27.5°	580	482	402	331	257	189	133	85	54	30	15
25°	635	530	439	361	286	215	155	100	64	38	18
22.5°	687	580	474	388	319	240	177	119	76	45	22
20°	739	626	509	424	349	268	198	137	88	52	27
17.5°	792	673	557	463	378	294	218	153	100	58	31
15°	844	719	600	499	408	318	237	168	112	64	36
12.5°	890	760	639	532	436	340	255	182	123	70	41
10°	930	798	672	563	463	359	271	194	135	76	47
7.5°	964	830	701	590	487	378	286	206	145	82	52
5°	992	856	724	610	506	396	299	217	155	87	56
2.5°	1010	872	742	626	521	412	310	226	163	92	60
0°	1022	884	756	639	532	426	319	234	170	96	64
-2.5°	1034	895	770	652	544	440	329	241	176	105	65
-5°	1040	902	781	662	554	451	337	246	181	114	66
-7.5°	1045	909	789	669	561	459	343	251	185	121	67
-10°	1046	914	795	676	566	463	347	253	188	126	67
-12.5°	1042	916	797	678	569	465	353	259	191	130	68
-15°	1034	914	795	677	569	465	357	264	194	131	68
-17.5°	1022	909	790	671	567	464	359	267	195	129	71
-20°	1011	899	780	661	561	461	359	266	194	127	74

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CATALOG NUMBER: GFLD-SA6E-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	996	882	765	652	554	458	356	262	192	125	77
-25°	976	861	749	643	546	452	351	255	188	121	78
-27.5°	949	837	731	631	537	444	342	250	182	117	79
-30°	918	815	715	617	524	431	329	242	176	116	80
-32.5°	885	792	696	599	507	415	313	233	170	116	79
-35°	855	766	674	577	488	397	300	220	163	115	77
-37.5°	820	737	645	552	468	377	290	215	156	112	75
-40°	787	703	611	529	446	357	279	209	151	108	73
-42.5°	752	666	584	505	423	342	266	202	147	104	70
-45°	711	631	557	479	401	326	255	192	140	101	67
-47.5°	671	602	527	450	381	309	241	182	132	96	64
-50°	640	569	493	421	356	290	225	169	125	91	60
-52.5°	601	528	456	390	329	269	208	155	117	85	56
-55°	553	484	417	358	301	244	187	144	108	78	50
-57.5°	504	437	381	327	271	216	169	131	99	70	47
-60°	454	398	346	292	239	191	152	118	89	62	43
-62.5°	409	357	305	254	209	169	134	105	78	57	38
-65°	357	308	262	220	181	147	118	92	69	50	34
-67.5°	299	260	223	185	154	126	101	80	61	44	31
-70°	250	215	184	154	128	105	87	70	52	38	28
-72.5°	204	177	148	123	105	89	73	58	44	33	24
-75°	164	141	119	100	86	72	59	47	35	27	21
-77.5°	128	109	92	79	68	57	45	34	27	21	17
-80°	93	82	71	61	52	42	33	25	20	16	13
-82.5°	62	56	50	44	36	29	22	16	13	11	10
-85°	35	32	29	26	21	16	12	9	8	7	6
-87.5°	14	14	13	12	10	8	6	4	4	4	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P628004 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-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°	6	3	0	0	0	0	0
42.5°	7	5	0	0	0	0	0
40°	8	6	1	0	0	0	0
37.5°	9	7	2	0	0	0	0
35°	10	8	3	0	0	0	0
32.5°	11	9	4	0	0	0	0
30°	11	10	5	0	0	0	0
27.5°	11	10	6	0	0	0	0
25°	11	10	7	0	0	0	0
22.5°	11	11	7	0	0	0	0
20°	11	11	8	0	0	0	0
17.5°	11	11	9	0	0	0	0
15°	12	11	9	0	0	0	0
12.5°	14	11	10	0	0	0	0
10°	15	11	10	0	0	0	0
7.5°	17	11	10	0	0	0	0
5°	18	11	10	0	0	0	0
2.5°	20	11	11	0	0	0	0
0°	21	11	11	0	0	0	0
-2.5°	25	12	11	1	0	0	0
-5°	29	13	10	1	0	0	0
-7.5°	33	14	10	2	0	0	0
-10°	36	15	10	3	0	0	0
-12.5°	39	16	10	3	0	0	0
-15°	41	16	10	4	0	0	0
-17.5°	42	17	10	4	0	0	0
-20°	43	17	10	4	0	0	0

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REPORT NUMBER: P628004 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	44	17	10	5	0	0	0
-25°	44	18	10	5	0	0	0
-27.5°	44	20	10	5	0	0	0
-30°	44	21	11	5	0	0	0
-32.5°	43	21	12	5	0	0	0
-35°	43	21	13	4	0	0	0
-37.5°	43	22	13	4	0	0	0
-40°	43	23	14	3	0	0	0
-42.5°	42	23	14	2	0	0	0
-45°	40	23	13	2	0	0	0
-47.5°	38	23	12	1	0	0	0
-50°	36	22	12	2	0	0	0
-52.5°	35	21	11	2	0	0	0
-55°	33	20	10	2	0	0	0
-57.5°	30	19	9	2	0	0	0
-60°	28	18	8	2	0	0	0
-62.5°	26	16	8	2	0	0	0
-65°	24	15	7	2	0	0	0
-67.5°	22	13	7	2	0	0	0
-70°	20	12	6	2	0	0	0
-72.5°	18	11	6	2	0	0	0
-75°	16	10	5	2	0	0	0
-77.5°	13	8	4	2	0	0	0
-80°	11	7	4	1	0	0	0
-82.5°	8	5	3	1	0	0	0
-85°	5	3	2	1	0	0	0
-87.5°	3	2	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)