

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: P628014 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-750-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P628014 (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-750-U-MR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 49057.5 lumens
Efficiency: N/A
Efficacy: 130.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 172968 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 24529.2 lumens
Beam Efficiency: 50.0%

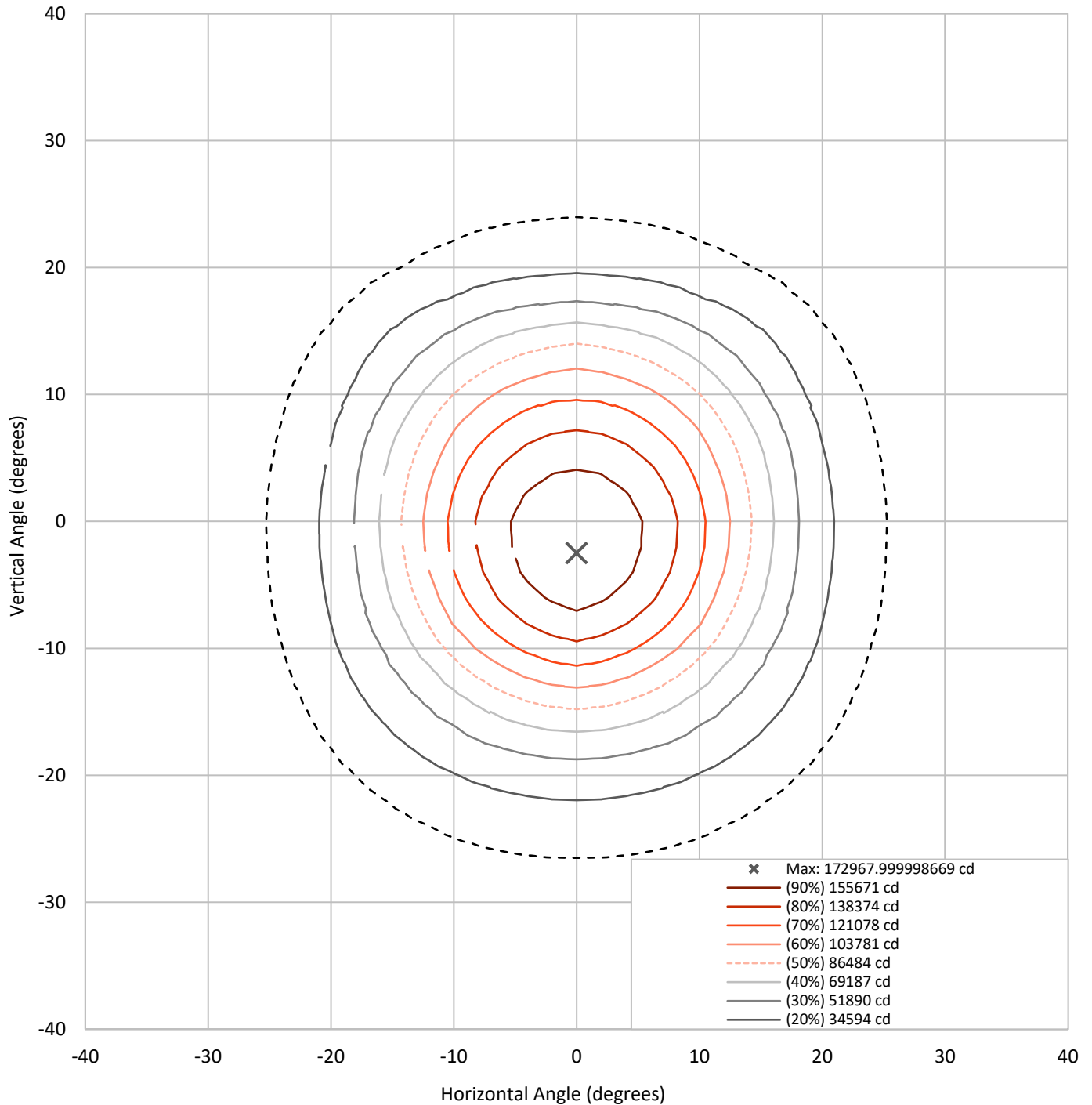
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 42149.5 lumens
Field Efficiency: 85.9%

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: P628014 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-750-U-MR-VSR-XX

Iso-Candela Plot





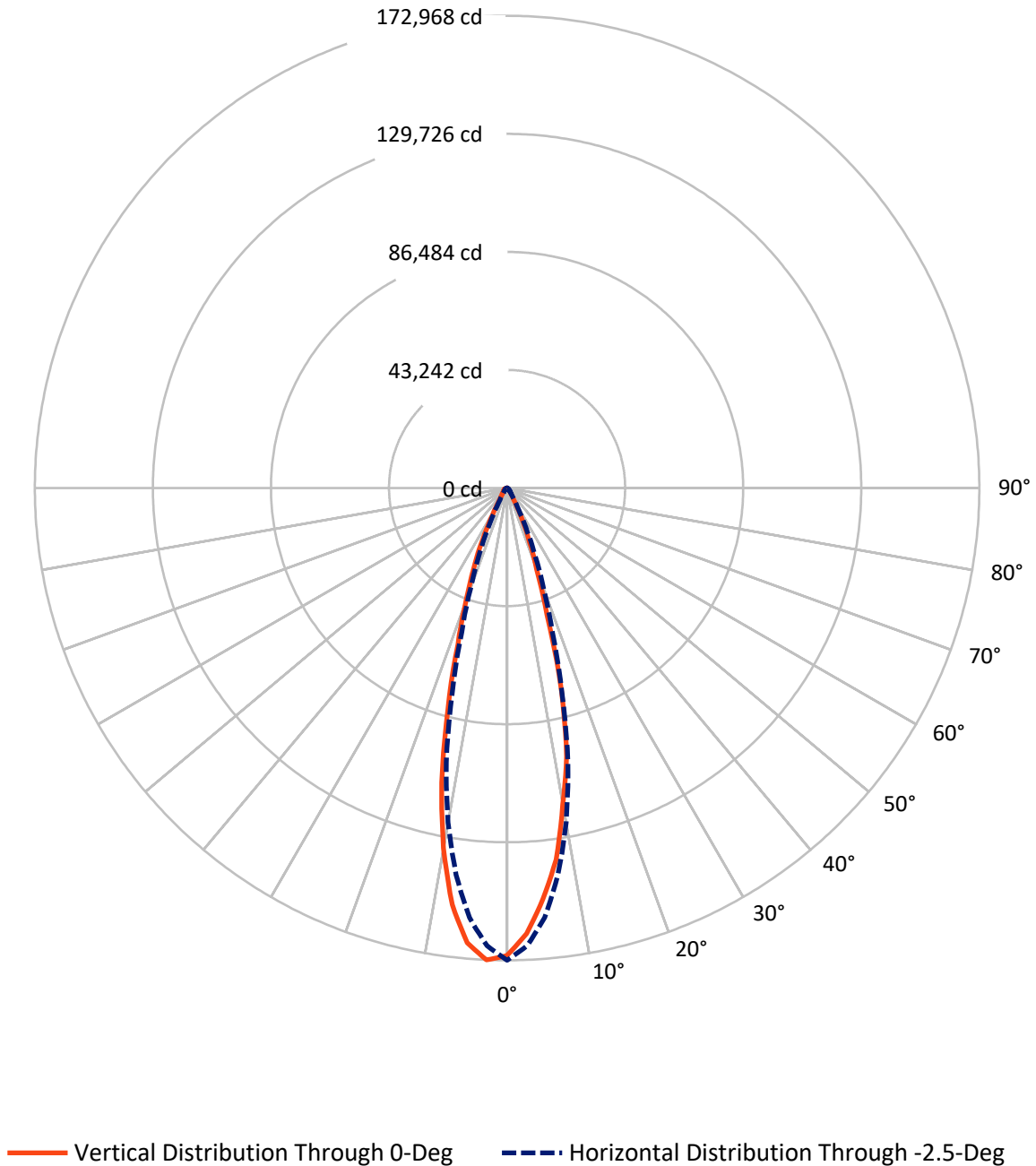
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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.0	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	5.6	7.8	9.3	9.3	7.8	5.6	3.3	1.4	0.3	0.1				
40	0.1	0.2	1.7	5.3	10.3	15.9	22.3	26.1	26.1	22.3	15.9	10.3	5.3	1.7	0.2	0.1			
30		0.7	4.1	10.5	19.3	31.7	52.9	70.6	70.6	52.9	31.7	19.3	10.5	4.1	0.7				
20	0.4	1.5	6.6	16.0	30.5	74.1	232.8	427.0	427.0	232.8	74.1	30.5	16.0	6.6	1.5	0.4			
10		2.4	9.1	21.8	52.2	255.5	1038.9	2034.2	2034.2	1038.9	255.5	52.2	21.8	9.1	2.4				
0	0.7	3.1	11.1	26.0	74.9	487.0	2097.7	4111.7	4111.7	2097.7	487.0	74.9	26.0	11.1	3.1	0.7			
-10		3.6	12.1	27.4	80.0	510.2	2152.5	4359.9	4359.9	2152.5	510.2	80.0	27.4	12.1	3.6				
-20	0.9	3.8	12.3	26.7	65.8	313.3	1190.3	2307.3	2307.3	1190.3	313.3	65.8	26.7	12.3	3.8	0.9			
-30		3.7	11.7	24.4	48.2	121.7	368.6	657.7	657.7	368.6	121.7	48.2	24.4	11.7	3.7				
-40	0.9	3.2	10.4	21.2	36.6	60.0	98.0	131.1	131.1	98.0	60.0	36.6	21.2	10.4	3.2	0.9			
-50		2.7	8.6	17.5	28.9	41.4	54.5	61.1	61.1	54.5	41.4	28.9	17.5	8.6	2.7				
-60	0.6	2.0	6.5	13.7	22.6	31.4	39.3	42.8	42.8	39.3	31.4	22.6	13.7	6.5	2.0	0.6			
-70		1.3	4.0	8.9	15.1	21.4	26.8	29.7	29.7	26.8	21.4	15.1	8.9	4.0	1.3				
-80	0.2	3.2	14.5	31.3	39.6	31.3	14.5	3.2	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

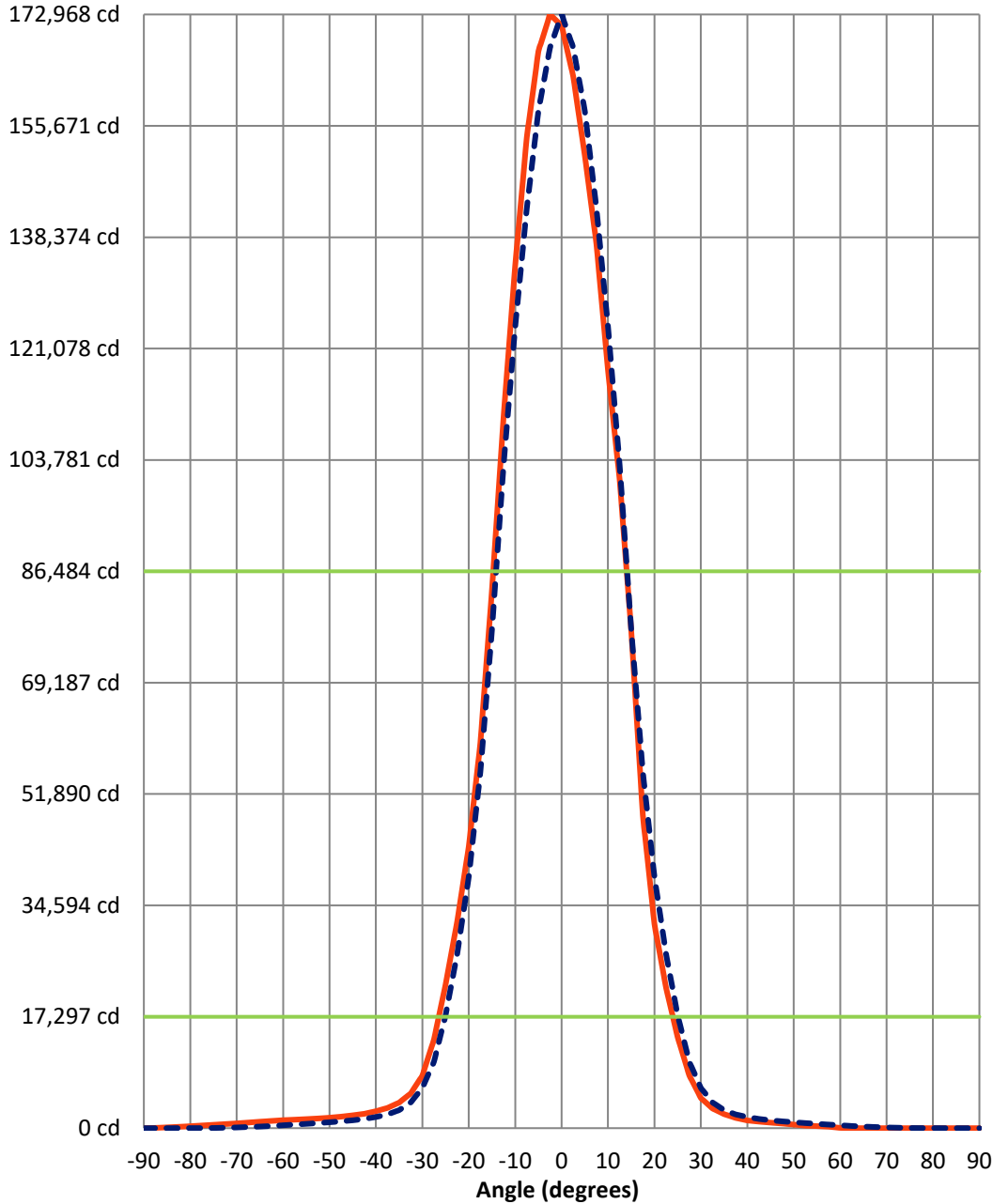
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 24529.2
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 42149.5
 Efficiency: 85.9%

Spill:
 Lumens: 6908
 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	9	9
45°	0	0	0	0	0	3	6	10	11	10	11
42.5°	0	0	0	0	0	5	7	11	11	11	17
40°	0	0	0	0	1	6	9	11	11	11	26
37.5°	0	0	0	0	2	8	10	11	13	16	36
35°	0	0	0	0	3	9	10	11	16	26	47
32.5°	0	0	0	0	4	9	11	11	20	36	59
30°	0	0	0	0	5	10	11	12	25	46	72
27.5°	0	0	0	0	6	10	11	15	31	55	87
25°	0	0	0	0	7	11	11	19	39	66	102
22.5°	0	0	0	0	8	11	11	23	46	78	122
20°	0	0	0	0	8	11	11	27	53	90	140
17.5°	0	0	0	0	9	11	12	32	60	102	157
15°	0	0	0	0	9	11	13	37	66	114	172
12.5°	0	0	0	0	10	11	14	42	72	126	186
10°	0	0	0	0	10	11	16	48	78	138	199
7.5°	0	0	0	0	11	11	17	53	84	148	211
5°	0	0	0	0	11	11	19	57	89	158	222
2.5°	0	0	0	0	11	11	20	62	94	167	231
0°	0	0	0	0	11	11	22	65	98	174	240
-2.5°	0	0	0	1	11	12	26	67	108	180	247
-5°	0	0	0	1	11	13	30	68	116	185	252
-7.5°	0	0	0	2	11	14	34	68	124	189	256
-10°	0	0	0	3	10	15	37	69	129	193	259
-12.5°	0	0	0	3	10	16	40	69	133	196	265
-15°	0	0	0	4	10	17	42	70	134	198	270
-17.5°	0	0	0	4	10	17	43	72	132	199	273
-20°	0	0	0	5	10	17	44	76	130	199	272

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REPORT NUMBER: P628014 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-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	45	78	127	196	268
-25°	0	0	0	5	10	19	45	80	124	192	261
-27.5°	0	0	0	5	11	20	45	81	120	187	256
-30°	0	0	0	5	11	21	45	82	119	180	248
-32.5°	0	0	0	5	12	22	44	81	119	174	238
-35°	0	0	0	4	13	22	44	79	117	167	225
-37.5°	0	0	0	4	14	22	44	77	115	160	220
-40°	0	0	0	3	14	23	44	75	111	155	214
-42.5°	0	0	0	2	14	24	43	72	107	150	206
-45°	0	0	0	2	14	24	41	69	103	143	196
-47.5°	0	0	0	1	13	24	39	66	98	135	186
-50°	0	0	0	2	12	23	37	62	93	128	173
-52.5°	0	0	0	2	11	22	36	57	87	120	159
-55°	0	0	0	2	10	21	34	52	80	110	147
-57.5°	0	0	0	2	9	20	31	48	72	101	134
-60°	0	0	0	2	8	18	28	44	64	91	120
-62.5°	0	0	0	3	8	17	26	39	58	80	107
-65°	0	0	0	2	7	15	24	35	52	71	94
-67.5°	0	0	0	2	7	14	22	32	45	62	82
-70°	0	0	0	2	7	13	20	29	39	53	71
-72.5°	0	0	0	2	6	11	18	25	34	45	60
-75°	0	0	0	2	5	10	16	21	27	36	48
-77.5°	0	0	0	2	4	8	14	17	22	28	35
-80°	0	0	0	1	4	7	11	14	17	21	26
-82.5°	0	0	0	1	3	5	8	10	11	14	17
-85°	0	0	0	1	2	4	6	7	7	8	9
-87.5°	0	0	0	0	1	2	3	3	4	4	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P628014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-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	18	20	34	50	60
55°	3	7	9	9	16	26	35	54	73	95	115
52.5°	7	11	10	17	32	47	69	95	124	145	164
50°	10	13	14	35	54	79	113	148	174	194	225
47.5°	14	17	33	56	84	121	165	195	220	259	304
45°	21	31	53	83	120	171	210	238	281	327	374
42.5°	29	49	78	109	167	216	254	295	340	392	442
40°	43	65	104	153	213	260	307	353	401	461	515
37.5°	56	90	134	195	255	308	362	414	473	536	598
35°	69	115	169	233	295	359	417	478	550	620	691
32.5°	87	141	201	269	337	407	472	551	625	702	788
30°	111	168	232	305	375	450	534	621	695	781	874
27.5°	136	193	263	338	412	493	593	681	762	854	956
25°	159	220	293	369	449	542	650	739	825	927	1047
22.5°	181	246	326	396	485	593	703	803	900	1001	1141
20°	203	274	357	434	521	641	756	868	981	1109	1266
17.5°	223	301	387	473	569	688	810	934	1060	1217	1412
15°	243	325	417	510	614	735	863	999	1147	1329	1552
12.5°	261	348	446	544	653	778	910	1052	1223	1441	1719
10°	277	368	473	575	687	816	951	1099	1283	1518	1843
7.5°	292	387	499	604	717	849	986	1139	1332	1582	1942
5°	306	405	517	624	740	876	1014	1173	1372	1633	2022
2.5°	317	422	533	640	759	892	1033	1194	1399	1681	2084
0°	327	436	544	653	773	904	1045	1209	1416	1721	2124
-2.5°	337	450	557	667	788	915	1058	1222	1435	1732	2134
-5°	345	461	567	677	799	922	1064	1227	1444	1734	2138
-7.5°	351	469	574	684	807	929	1069	1233	1449	1731	2136
-10°	355	474	579	691	813	935	1070	1231	1441	1713	2101
-12.5°	361	476	582	694	815	937	1066	1220	1421	1680	2034
-15°	366	476	582	692	814	935	1057	1201	1389	1637	1945
-17.5°	367	474	580	687	808	930	1045	1183	1359	1591	1885
-20°	367	472	574	677	798	919	1034	1168	1331	1536	1801

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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°	364	468	567	666	783	902	1019	1145	1296	1469	1706
-25°	359	462	559	658	766	880	998	1114	1258	1423	1625
-27.5°	350	454	549	646	748	856	971	1086	1216	1368	1542
-30°	336	441	536	631	731	834	939	1053	1171	1312	1471
-32.5°	320	425	518	613	712	810	905	1015	1130	1251	1394
-35°	307	406	499	590	689	784	874	971	1083	1197	1317
-37.5°	297	386	479	565	659	753	839	929	1029	1140	1250
-40°	285	365	456	541	625	720	805	886	976	1083	1188
-42.5°	273	350	433	516	597	681	769	847	931	1030	1129
-45°	261	333	410	490	570	646	727	809	892	978	1072
-47.5°	247	316	389	461	539	616	687	766	851	932	1015
-50°	231	297	364	431	504	582	655	723	799	881	962
-52.5°	213	275	337	399	467	540	615	685	751	821	899
-55°	192	249	308	366	427	495	566	637	706	770	837
-57.5°	173	221	278	334	390	447	515	583	650	715	781
-60°	156	196	244	299	354	407	464	527	591	652	713
-62.5°	137	173	214	260	312	365	418	473	531	583	636
-65°	121	150	185	225	268	315	365	417	469	512	553
-67.5°	103	129	157	190	228	266	306	352	399	439	477
-70°	89	107	131	158	188	220	256	292	328	363	400
-72.5°	75	91	107	125	152	181	209	237	268	299	330
-75°	61	73	88	103	122	144	168	194	219	243	267
-77.5°	47	58	70	81	94	112	131	151	171	191	212
-80°	33	43	53	63	73	83	96	109	123	139	155
-82.5°	23	30	37	45	51	57	63	71	82	93	105
-85°	12	16	21	26	29	33	36	40	46	53	60
-87.5°	6	8	10	12	13	14	15	15	18	21	24
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P628014 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	3	2	1	0	0
62.5°	3	5	8	11	12	13	14	15	15	15	15
60°	28	27	41	50	48	38	54	61	59	51	50
57.5°	76	95	110	114	129	152	159	156	158	165	185
55°	134	148	159	181	204	224	240	252	265	279	295
52.5°	182	207	225	248	277	294	302	333	359	380	393
50°	259	285	314	344	372	398	420	451	486	524	547
47.5°	340	373	411	455	486	511	539	581	630	674	702
45°	416	454	500	543	579	613	656	707	757	802	836
42.5°	483	527	576	624	656	711	770	822	884	940	983
40°	561	604	675	725	768	826	912	989	1062	1131	1175
37.5°	656	728	804	865	923	994	1114	1232	1325	1418	1483
35°	767	854	949	1016	1102	1237	1385	1547	1709	1839	1956
32.5°	874	970	1067	1173	1305	1495	1682	1941	2182	2428	2659
30°	969	1077	1195	1332	1546	1810	2114	2510	2942	3371	3861
27.5°	1071	1189	1330	1548	1871	2231	2792	3418	4309	5027	6183
25°	1180	1314	1505	1853	2300	2932	3913	5028	6873	8448	10225
22.5°	1313	1519	1790	2225	2972	4110	5635	8066	10898	13528	16037
20°	1477	1755	2219	2913	3984	5735	8626	12313	16251	20099	23822
17.5°	1694	2136	2798	3785	5303	8984	13287	18555	25298	30363	35166
15°	1891	2450	3452	5049	7908	12644	18658	26724	35803	43436	52071
12.5°	2125	2801	4008	6079	10165	16426	24092	33712	44456	56043	69568
10°	2329	3159	4713	7563	12520	19806	28397	39689	53490	69884	86978
7.5°	2486	3459	5301	8676	14504	22580	32827	46561	64039	83201	102695
5°	2608	3690	5764	9549	16191	24831	36060	51997	71920	93913	113299
2.5°	2703	3853	6070	10086	17331	26369	38271	54888	76742	100908	121262
0°	2777	3953	6240	10466	17861	27096	39294	56055	79002	104334	125266
-2.5°	2803	4006	6249	10334	17538	27052	39055	55339	77443	102974	124416
-5°	2812	3979	6091	10060	16967	26082	37491	52621	72682	96629	118360
-7.5°	2792	3872	5771	9386	15684	24369	35308	48587	65031	86145	108605
-10°	2716	3686	5339	8471	13917	21695	31908	43128	56264	73501	91702
-12.5°	2580	3409	4742	7102	11838	18670	27714	37633	47870	59197	74168
-15°	2418	3124	4254	6271	9912	15492	22816	31193	39689	48363	57496
-17.5°	2294	2877	3755	5162	7610	12122	17978	24710	31604	38492	44642
-20°	2137	2582	3268	4363	6140	8810	13214	18453	23603	29220	33934

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REPORT NUMBER: P628014 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-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°	1997	2376	2888	3578	4774	6653	9164	12851	16766	20845	24715
-25°	1865	2151	2558	3112	3826	4944	6602	8530	11277	13786	16660
-27.5°	1753	1993	2270	2679	3220	3833	4850	5976	7416	8612	10531
-30°	1646	1837	2065	2329	2725	3192	3738	4421	5125	5832	6751
-32.5°	1545	1706	1885	2098	2343	2692	3032	3470	3855	4280	4718
-35°	1447	1589	1737	1905	2094	2324	2579	2869	3125	3381	3611
-37.5°	1362	1481	1610	1743	1894	2054	2255	2459	2631	2798	2940
-40°	1290	1389	1496	1607	1729	1858	2014	2164	2281	2388	2479
-42.5°	1225	1313	1396	1491	1591	1710	1831	1946	2026	2100	2160
-45°	1163	1238	1315	1392	1475	1578	1682	1772	1835	1891	1935
-47.5°	1096	1165	1234	1305	1385	1467	1550	1617	1673	1721	1753
-50°	1031	1099	1162	1220	1291	1364	1437	1493	1542	1584	1607
-52.5°	968	1033	1096	1156	1214	1271	1328	1382	1431	1475	1491
-55°	906	970	1026	1083	1139	1193	1244	1291	1336	1377	1390
-57.5°	845	910	970	1016	1063	1112	1161	1208	1250	1288	1302
-60°	776	842	894	939	985	1031	1073	1115	1158	1194	1210
-62.5°	694	754	801	844	887	927	965	1004	1041	1072	1089
-65°	598	648	695	738	775	812	848	882	914	938	952
-67.5°	513	551	590	629	667	703	735	765	794	814	827
-70°	434	467	502	536	571	602	631	658	683	701	715
-72.5°	359	389	421	452	482	509	533	557	580	595	608
-75°	292	317	344	370	397	419	438	458	476	490	501
-77.5°	232	251	271	290	311	328	344	360	374	385	395
-80°	172	187	203	217	231	244	256	268	280	290	299
-82.5°	116	128	140	151	163	170	177	182	188	196	203
-85°	67	74	82	89	96	101	106	110	115	119	123
-87.5°	27	30	33	36	39	40	41	42	42	45	48
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P628014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-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	11	11	11	11	13	15	15	15	15
60°	47	44	43	44	43	44	47	50	51	59	61
57.5°	203	218	226	229	226	218	203	185	165	158	156
55°	309	320	321	316	321	320	309	295	279	265	252
52.5°	399	400	398	392	398	400	399	393	380	359	333
50°	554	552	553	555	553	552	554	547	524	486	451
47.5°	713	720	723	719	723	720	713	702	674	630	581
45°	851	861	865	860	865	861	851	836	802	757	707
42.5°	1000	1007	1009	1013	1009	1007	1000	983	940	884	822
40°	1196	1203	1201	1198	1201	1203	1196	1175	1131	1062	989
37.5°	1528	1551	1562	1590	1562	1551	1528	1483	1418	1325	1232
35°	2046	2102	2132	2178	2132	2102	2046	1956	1839	1709	1547
32.5°	2826	2940	3000	3060	3000	2940	2826	2659	2428	2182	1941
30°	4200	4425	4516	4683	4516	4425	4200	3861	3371	2942	2510
27.5°	7031	7564	7774	8212	7774	7564	7031	6183	5027	4309	3418
25°	11843	12991	13625	14125	13625	12991	11843	10225	8448	6873	5028
22.5°	18568	20251	21150	21814	21150	20251	18568	16037	13528	10898	8066
20°	27196	29416	30741	31703	30741	29416	27196	23822	20099	16251	12313
17.5°	41331	44822	46863	48617	46863	44822	41331	35166	30363	25298	18555
15°	61704	68718	74169	77205	74169	68718	61704	52071	43436	35803	26724
12.5°	81523	91796	97900	100707	97900	91796	81523	69568	56043	44456	33712
10°	101123	110810	116617	117643	116617	110810	101123	86978	69884	53490	39689
7.5°	116128	126781	134497	137301	134497	126781	116128	102695	83201	64039	46561
5°	129381	141855	150020	151056	150020	141855	129381	113299	93913	71920	51997
2.5°	139130	152690	160608	163330	160608	152690	139130	121262	100908	76742	54888
0°	143846	158451	167261	171226	167261	158451	143846	125266	104334	79002	56055
-2.5°	142854	157959	167793	172968	167793	157959	142854	124416	102974	77443	55339
-5°	137422	152572	161741	167239	161741	152572	137422	118360	96629	72682	52621
-7.5°	124896	139064	148825	153898	148825	139064	124896	108605	86145	65031	48587
-10°	108756	120746	129644	133968	129644	120746	108756	91702	73501	56264	43128
-12.5°	87783	99413	107440	110498	107440	99413	87783	74168	59197	47870	37633
-15°	67258	76134	81836	83642	81836	76134	67258	57496	48363	39689	31193
-17.5°	51005	55784	58992	59856	58992	55784	51005	44642	38492	31604	24710
-20°	38212	41174	43255	43748	43255	41174	38212	33934	29220	23603	18453

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CATALOG NUMBER: GFLD-SA6E-750-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°	27842	30069	31750	32084	31750	30069	27842	24715	20845	16766	12851
-25°	19205	21067	22207	22294	22207	21067	19205	16660	13786	11277	8530
-27.5°	12041	13063	13591	13777	13591	13063	12041	10531	8612	7416	5976
-30°	7440	7912	8160	8168	8160	7912	7440	6751	5832	5125	4421
-32.5°	5051	5279	5403	5402	5403	5279	5051	4718	4280	3855	3470
-35°	3784	3901	3968	3975	3968	3901	3784	3611	3381	3125	2869
-37.5°	3042	3107	3141	3147	3141	3107	3042	2940	2798	2631	2459
-40°	2544	2589	2617	2636	2617	2589	2544	2479	2388	2281	2164
-42.5°	2200	2230	2243	2233	2243	2230	2200	2160	2100	2026	1946
-45°	1960	1977	1988	1993	1988	1977	1960	1935	1891	1835	1772
-47.5°	1769	1778	1783	1786	1783	1778	1769	1753	1721	1673	1617
-50°	1618	1626	1627	1623	1627	1626	1618	1607	1584	1542	1493
-52.5°	1497	1499	1501	1503	1501	1499	1497	1491	1475	1431	1382
-55°	1398	1401	1404	1405	1404	1401	1398	1390	1377	1336	1291
-57.5°	1314	1323	1323	1318	1323	1323	1314	1302	1288	1250	1208
-60°	1224	1235	1240	1242	1240	1235	1224	1210	1194	1158	1115
-62.5°	1104	1115	1120	1122	1120	1115	1104	1089	1072	1041	1004
-65°	965	974	989	1002	989	974	965	952	938	914	882
-67.5°	837	845	858	871	858	845	837	827	814	794	765
-70°	726	736	740	741	740	736	726	715	701	683	658
-72.5°	619	628	631	632	631	628	619	608	595	580	557
-75°	511	520	522	523	522	520	511	501	490	476	458
-77.5°	404	412	413	414	413	412	404	395	385	374	360
-80°	307	314	310	305	310	314	307	299	290	280	268
-82.5°	210	217	212	207	212	217	210	203	196	188	182
-85°	127	130	125	120	125	130	127	123	119	115	110
-87.5°	51	54	49	44	49	54	51	48	45	42	42
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P628014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-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°	54	38	48	50	41	27	28	22	10	10	9
57.5°	159	152	129	114	110	95	76	60	50	34	20
55°	240	224	204	181	159	148	134	115	95	73	54
52.5°	302	294	277	248	225	207	182	164	145	124	95
50°	420	398	372	344	314	285	259	225	194	174	148
47.5°	539	511	486	455	411	373	340	304	259	220	195
45°	656	613	579	543	500	454	416	374	327	281	238
42.5°	770	711	656	624	576	527	483	442	392	340	295
40°	912	826	768	725	675	604	561	515	461	401	353
37.5°	1114	994	923	865	804	728	656	598	536	473	414
35°	1385	1237	1102	1016	949	854	767	691	620	550	478
32.5°	1682	1495	1305	1173	1067	970	874	788	702	625	551
30°	2114	1810	1546	1332	1195	1077	969	874	781	695	621
27.5°	2792	2231	1871	1548	1330	1189	1071	956	854	762	681
25°	3913	2932	2300	1853	1505	1314	1180	1047	927	825	739
22.5°	5635	4110	2972	2225	1790	1519	1313	1141	1001	900	803
20°	8626	5735	3984	2913	2219	1755	1477	1266	1109	981	868
17.5°	13287	8984	5303	3785	2798	2136	1694	1412	1217	1060	934
15°	18658	12644	7908	5049	3452	2450	1891	1552	1329	1147	999
12.5°	24092	16426	10165	6079	4008	2801	2125	1719	1441	1223	1052
10°	28397	19806	12520	7563	4713	3159	2329	1843	1518	1283	1099
7.5°	32827	22580	14504	8676	5301	3459	2486	1942	1582	1332	1139
5°	36060	24831	16191	9549	5764	3690	2608	2022	1633	1372	1173
2.5°	38271	26369	17331	10086	6070	3853	2703	2084	1681	1399	1194
0°	39294	27096	17861	10466	6240	3953	2777	2124	1721	1416	1209
-2.5°	39055	27052	17538	10334	6249	4006	2803	2134	1732	1435	1222
-5°	37491	26082	16967	10060	6091	3979	2812	2138	1734	1444	1227
-7.5°	35308	24369	15684	9386	5771	3872	2792	2136	1731	1449	1233
-10°	31908	21695	13917	8471	5339	3686	2716	2101	1713	1441	1231
-12.5°	27714	18670	11838	7102	4742	3409	2580	2034	1680	1421	1220
-15°	22816	15492	9912	6271	4254	3124	2418	1945	1637	1389	1201
-17.5°	17978	12122	7610	5162	3755	2877	2294	1885	1591	1359	1183
-20°	13214	8810	6140	4363	3268	2582	2137	1801	1536	1331	1168

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REPORT NUMBER: P628014 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-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°	9164	6653	4774	3578	2888	2376	1997	1706	1469	1296	1145
-25°	6602	4944	3826	3112	2558	2151	1865	1625	1423	1258	1114
-27.5°	4850	3833	3220	2679	2270	1993	1753	1542	1368	1216	1086
-30°	3738	3192	2725	2329	2065	1837	1646	1471	1312	1171	1053
-32.5°	3032	2692	2343	2098	1885	1706	1545	1394	1251	1130	1015
-35°	2579	2324	2094	1905	1737	1589	1447	1317	1197	1083	971
-37.5°	2255	2054	1894	1743	1610	1481	1362	1250	1140	1029	929
-40°	2014	1858	1729	1607	1496	1389	1290	1188	1083	976	886
-42.5°	1831	1710	1591	1491	1396	1313	1225	1129	1030	931	847
-45°	1682	1578	1475	1392	1315	1238	1163	1072	978	892	809
-47.5°	1550	1467	1385	1305	1234	1165	1096	1015	932	851	766
-50°	1437	1364	1291	1220	1162	1099	1031	962	881	799	723
-52.5°	1328	1271	1214	1156	1096	1033	968	899	821	751	685
-55°	1244	1193	1139	1083	1026	970	906	837	770	706	637
-57.5°	1161	1112	1063	1016	970	910	845	781	715	650	583
-60°	1073	1031	985	939	894	842	776	713	652	591	527
-62.5°	965	927	887	844	801	754	694	636	583	531	473
-65°	848	812	775	738	695	648	598	553	512	469	417
-67.5°	735	703	667	629	590	551	513	477	439	399	352
-70°	631	602	571	536	502	467	434	400	363	328	292
-72.5°	533	509	482	452	421	389	359	330	299	268	237
-75°	438	419	397	370	344	317	292	267	243	219	194
-77.5°	344	328	311	290	271	251	232	212	191	171	151
-80°	256	244	231	217	203	187	172	155	139	123	109
-82.5°	177	170	163	151	140	128	116	105	93	82	71
-85°	106	101	96	89	82	74	67	60	53	46	40
-87.5°	41	40	39	36	33	30	27	24	21	18	15
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P628014 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-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°	18	12	8	6	5	2	1	4	5	2	0
55°	35	26	16	9	9	7	3	4	7	5	1
52.5°	69	47	32	17	10	11	7	5	7	8	3
50°	113	79	54	35	14	13	10	7	8	10	6
47.5°	165	121	84	56	33	17	14	9	9	11	8
45°	210	171	120	83	53	31	21	11	10	11	10
42.5°	254	216	167	109	78	49	29	17	11	11	11
40°	307	260	213	153	104	65	43	26	11	11	11
37.5°	362	308	255	195	134	90	56	36	16	13	11
35°	417	359	295	233	169	115	69	47	26	16	11
32.5°	472	407	337	269	201	141	87	59	36	20	11
30°	534	450	375	305	232	168	111	72	46	25	12
27.5°	593	493	412	338	263	193	136	87	55	31	15
25°	650	542	449	369	293	220	159	102	66	39	19
22.5°	703	593	485	396	326	246	181	122	78	46	23
20°	756	641	521	434	357	274	203	140	90	53	27
17.5°	810	688	569	473	387	301	223	157	102	60	32
15°	863	735	614	510	417	325	243	172	114	66	37
12.5°	910	778	653	544	446	348	261	186	126	72	42
10°	951	816	687	575	473	368	277	199	138	78	48
7.5°	986	849	717	604	499	387	292	211	148	84	53
5°	1014	876	740	624	517	405	306	222	158	89	57
2.5°	1033	892	759	640	533	422	317	231	167	94	62
0°	1045	904	773	653	544	436	327	240	174	98	65
-2.5°	1058	915	788	667	557	450	337	247	180	108	67
-5°	1064	922	799	677	567	461	345	252	185	116	68
-7.5°	1069	929	807	684	574	469	351	256	189	124	68
-10°	1070	935	813	691	579	474	355	259	193	129	69
-12.5°	1066	937	815	694	582	476	361	265	196	133	69
-15°	1057	935	814	692	582	476	366	270	198	134	70
-17.5°	1045	930	808	687	580	474	367	273	199	132	72
-20°	1034	919	798	677	574	472	367	272	199	130	76

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CATALOG NUMBER: GFLD-SA6E-750-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°	1019	902	783	666	567	468	364	268	196	127	78
-25°	998	880	766	658	559	462	359	261	192	124	80
-27.5°	971	856	748	646	549	454	350	256	187	120	81
-30°	939	834	731	631	536	441	336	248	180	119	82
-32.5°	905	810	712	613	518	425	320	238	174	119	81
-35°	874	784	689	590	499	406	307	225	167	117	79
-37.5°	839	753	659	565	479	386	297	220	160	115	77
-40°	805	720	625	541	456	365	285	214	155	111	75
-42.5°	769	681	597	516	433	350	273	206	150	107	72
-45°	727	646	570	490	410	333	261	196	143	103	69
-47.5°	687	616	539	461	389	316	247	186	135	98	66
-50°	655	582	504	431	364	297	231	173	128	93	62
-52.5°	615	540	467	399	337	275	213	159	120	87	57
-55°	566	495	427	366	308	249	192	147	110	80	52
-57.5°	515	447	390	334	278	221	173	134	101	72	48
-60°	464	407	354	299	244	196	156	120	91	64	44
-62.5°	418	365	312	260	214	173	137	107	80	58	39
-65°	365	315	268	225	185	150	121	94	71	52	35
-67.5°	306	266	228	190	157	129	103	82	62	45	32
-70°	256	220	188	158	131	107	89	71	53	39	29
-72.5°	209	181	152	125	107	91	75	60	45	34	25
-75°	168	144	122	103	88	73	61	48	36	27	21
-77.5°	131	112	94	81	70	58	47	35	28	22	17
-80°	96	83	73	63	53	43	33	26	21	17	14
-82.5°	63	57	51	45	37	30	23	17	14	11	10
-85°	36	33	29	26	21	16	12	9	8	7	7
-87.5°	15	14	13	12	10	8	6	5	4	4	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P628014 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-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°	9	6	1	0	0	0	0
37.5°	10	8	2	0	0	0	0
35°	10	9	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	11	7	0	0	0	0
22.5°	11	11	8	0	0	0	0
20°	11	11	8	0	0	0	0
17.5°	12	11	9	0	0	0	0
15°	13	11	9	0	0	0	0
12.5°	14	11	10	0	0	0	0
10°	16	11	10	0	0	0	0
7.5°	17	11	11	0	0	0	0
5°	19	11	11	0	0	0	0
2.5°	20	11	11	0	0	0	0
0°	22	11	11	0	0	0	0
-2.5°	26	12	11	1	0	0	0
-5°	30	13	11	1	0	0	0
-7.5°	34	14	11	2	0	0	0
-10°	37	15	10	3	0	0	0
-12.5°	40	16	10	3	0	0	0
-15°	42	17	10	4	0	0	0
-17.5°	43	17	10	4	0	0	0
-20°	44	17	10	5	0	0	0

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REPORT NUMBER: P628014 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	45	17	10	5	0	0	0
-25°	45	19	10	5	0	0	0
-27.5°	45	20	11	5	0	0	0
-30°	45	21	11	5	0	0	0
-32.5°	44	22	12	5	0	0	0
-35°	44	22	13	4	0	0	0
-37.5°	44	22	14	4	0	0	0
-40°	44	23	14	3	0	0	0
-42.5°	43	24	14	2	0	0	0
-45°	41	24	14	2	0	0	0
-47.5°	39	24	13	1	0	0	0
-50°	37	23	12	2	0	0	0
-52.5°	36	22	11	2	0	0	0
-55°	34	21	10	2	0	0	0
-57.5°	31	20	9	2	0	0	0
-60°	28	18	8	2	0	0	0
-62.5°	26	17	8	3	0	0	0
-65°	24	15	7	2	0	0	0
-67.5°	22	14	7	2	0	0	0
-70°	20	13	7	2	0	0	0
-72.5°	18	11	6	2	0	0	0
-75°	16	10	5	2	0	0	0
-77.5°	14	8	4	2	0	0	0
-80°	11	7	4	1	0	0	0
-82.5°	8	5	3	1	0	0	0
-85°	6	4	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)