

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: P627946 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-740-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627946 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-16)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6D-740-U-MWR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (96) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 41838.7 lumens  
Efficiency: N/A  
Efficacy: 128.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 58615.5 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 28023.4 lumens  
Beam Efficiency: 67.0%

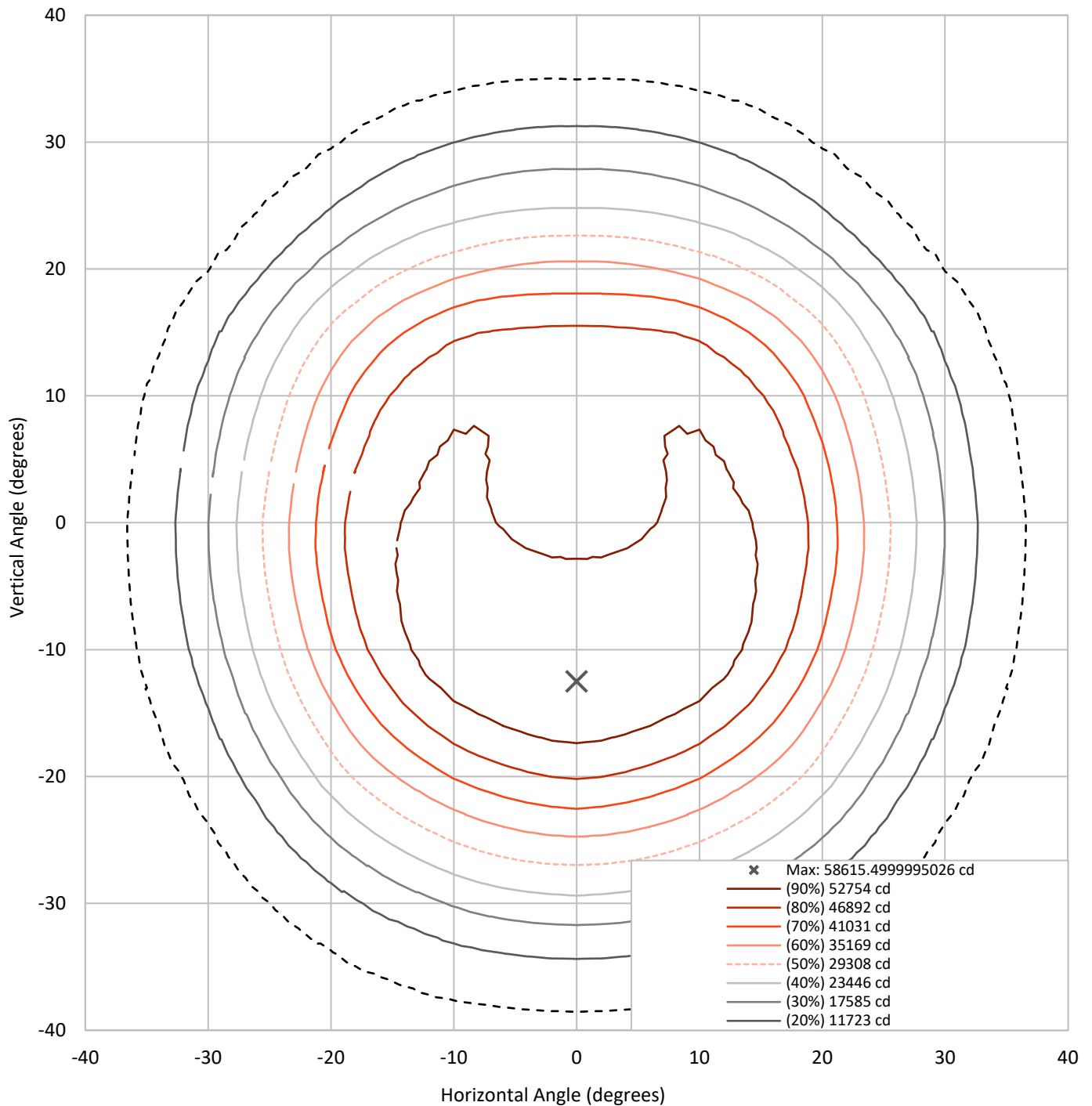
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 37711.1 lumens  
Field Efficiency: 90.1%

Input Watts (W): 325.9  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





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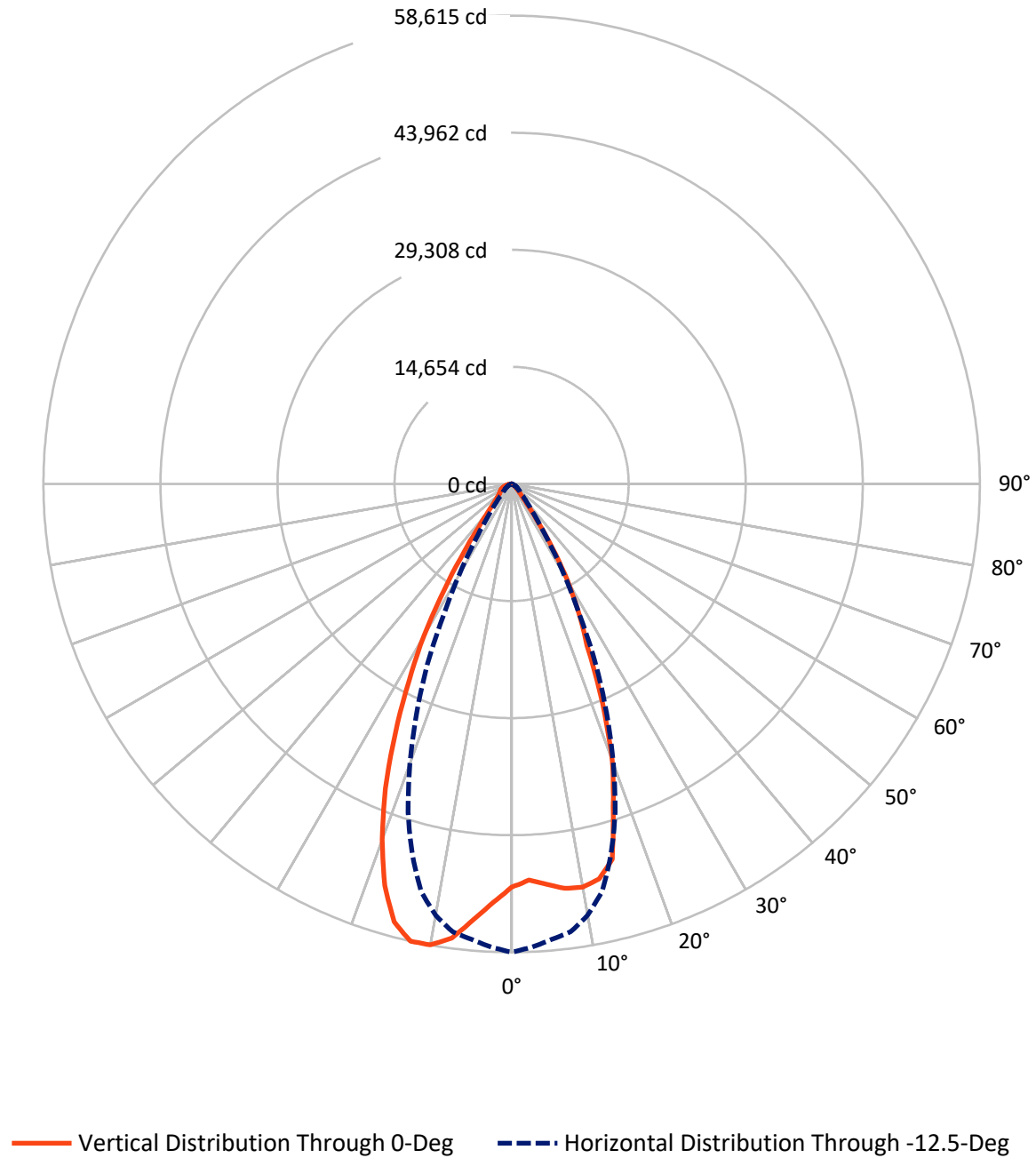
CATALOG NUMBER: GFLD-SA6D-740-U-MWR-VSR-XX

### Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.1			
50		0.1	0.3	1.4	3.4	5.8	8.0	9.3	9.3	8.0	5.8	3.4	1.4	0.3	0.1				
40	0.2	0.2	1.6	5.9	11.8	19.2	28.7	35.2	35.2	28.7	19.2	11.8	5.9	1.6	0.2	0.2			
30		0.7	4.7	12.1	25.1	54.3	123.5	188.6	188.6	123.5	54.3	25.1	12.1	4.7	0.7				
20	0.5	1.7	7.8	19.5	52.5	194.5	500.8	700.0	700.0	500.8	194.5	52.5	19.5	7.8	1.7	0.5			
10		2.8	10.9	30.2	124.9	540.1	1126.7	1395.0	1395.0	1126.7	540.1	124.9	30.2	10.9	2.8				
0	0.9	3.6	13.5	39.0	198.9	795.3	1452.7	1574.9	1574.9	1452.7	795.3	198.9	39.0	13.5	3.6	0.9			
-10		4.3	14.9	41.7	208.1	821.4	1505.1	1671.6	1671.6	1505.1	821.4	208.1	41.7	14.9	4.3				
-20	1.2	4.6	15.1	37.9	148.9	611.6	1269.7	1621.2	1621.2	1269.7	611.6	148.9	37.9	15.1	4.6	1.2			
-30		4.4	14.4	31.5	83.3	296.7	707.5	995.5	995.5	707.5	296.7	83.3	31.5	14.4	4.4				
-40	1.1	3.9	12.9	26.2	49.7	105.7	221.1	328.0	328.0	221.1	105.7	49.7	26.2	12.9	3.9	1.1			
-50		3.3	10.8	21.8	36.3	53.6	75.4	89.4	89.4	75.4	53.6	36.3	21.8	10.8	3.3				
-60	0.8	2.5	8.1	17.1	28.5	39.5	49.3	53.9	53.9	49.3	39.5	28.5	17.1	8.1	2.5	0.8			
-70		1.7	5.2	11.7	20.0	28.2	35.8	40.0	40.0	35.8	28.2	20.0	11.7	5.2	1.7				
-80	0.3	4.6	21.0	44.9	57.5	44.9	21.0	4.6	0.3										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

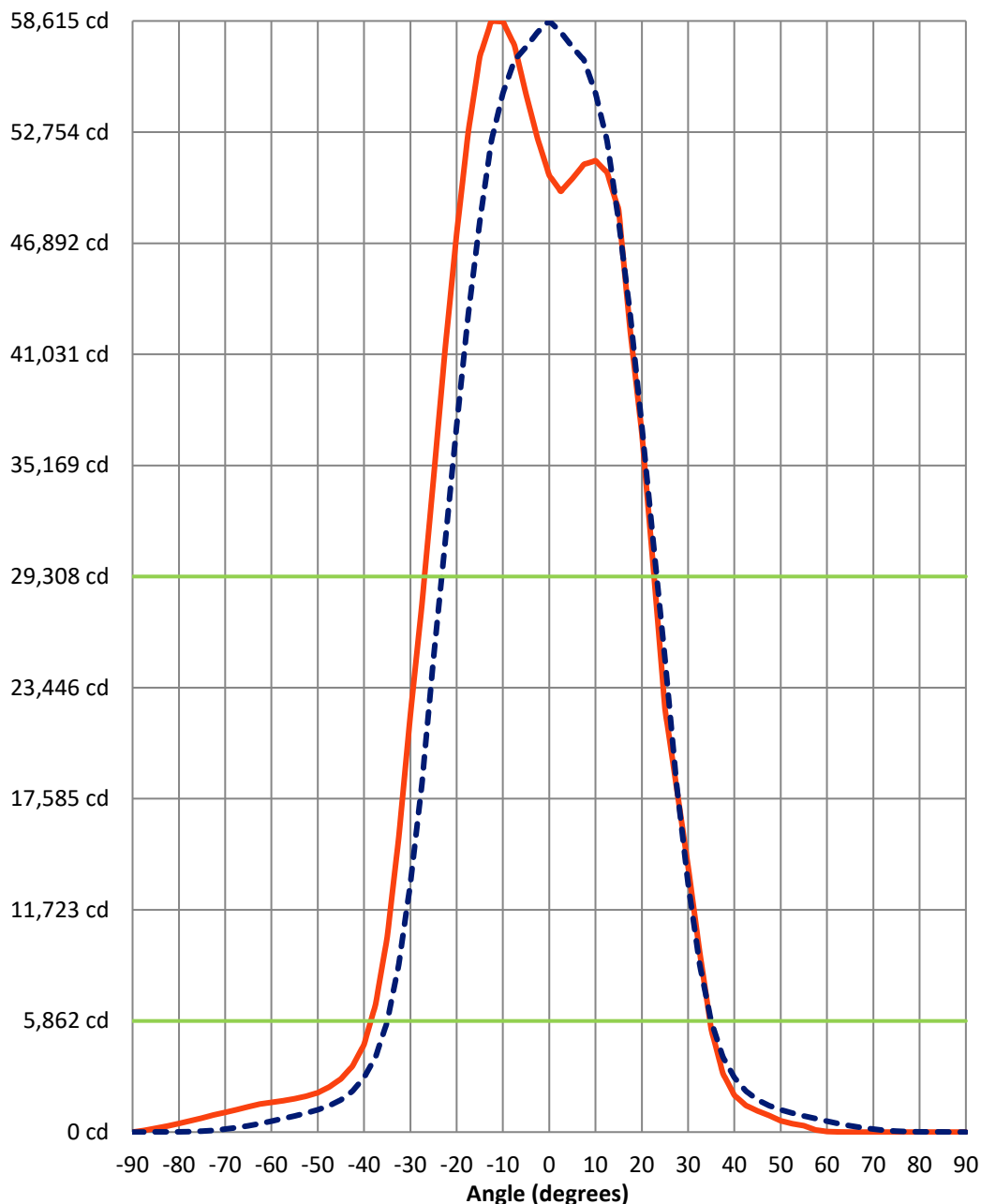
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 28023.4  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 37711.1  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 4127.5  
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through -12.5-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	1	0	0	0	0	0
72.5°	0	0	0	0	1	1	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	1	1
65°	0	0	0	2	4	3	1	0	2	3	3
62.5°	0	0	0	3	5	4	2	2	4	5	6
60°	0	0	0	4	6	4	2	4	7	7	9
57.5°	0	0	1	5	6	4	4	7	8	9	10
55°	0	0	1	6	7	5	5	9	9	10	10
52.5°	0	0	2	7	7	5	7	10	9	10	10
50°	0	0	3	8	7	6	9	10	10	10	11
47.5°	0	0	3	9	7	7	10	11	10	10	13
45°	0	0	4	9	8	8	10	12	10	12	16
42.5°	0	0	5	10	8	8	11	12	11	15	19
40°	0	0	5	10	8	9	12	13	12	18	23
37.5°	0	0	6	10	9	9	14	14	16	22	26
35°	0	0	6	10	9	10	15	14	19	27	36
32.5°	0	0	7	10	9	11	16	15	23	34	57
30°	0	0	7	10	10	12	17	16	27	42	77
27.5°	0	0	7	10	10	13	17	19	32	51	95
25°	0	0	8	10	10	14	18	22	39	65	112
22.5°	0	0	8	10	10	15	18	25	46	79	131
20°	0	0	8	10	10	16	19	28	54	92	152
17.5°	0	0	9	10	10	17	20	31	63	104	173
15°	0	0	9	10	10	18	21	36	71	114	194
12.5°	0	0	9	10	10	18	22	42	79	123	215
10°	0	0	9	10	10	18	23	49	86	138	234
7.5°	0	0	9	10	10	19	25	57	92	155	249
5°	0	0	10	10	10	19	26	64	98	171	261
2.5°	0	0	10	10	10	19	27	71	102	187	271
0°	0	0	10	10	10	19	29	77	106	202	279
-2.5°	0	0	10	10	10	20	34	80	119	211	294
-5°	0	0	10	10	11	21	39	82	132	219	307
-7.5°	0	1	9	10	12	22	43	84	143	225	317
-10°	0	1	9	10	13	23	47	85	152	231	326
-12.5°	0	1	9	10	13	23	50	86	159	236	332
-15°	0	1	9	10	14	24	53	87	161	238	335
-17.5°	0	1	9	10	14	24	54	90	160	239	335
-20°	0	2	9	10	15	25	55	94	158	238	330

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CATALOG NUMBER: GFLD-SA6D-740-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	9	10	15	25	55	96	156	235	322
-25°	0	2	9	10	15	26	55	97	153	230	310
-27.5°	0	2	8	10	14	28	55	97	149	223	303
-30°	0	2	8	10	14	29	53	96	147	217	294
-32.5°	0	2	8	10	15	31	52	94	145	210	282
-35°	0	2	8	10	15	31	52	91	141	204	268
-37.5°	0	2	8	10	16	32	53	88	135	197	264
-40°	0	2	8	10	16	32	53	85	127	189	259
-42.5°	0	2	8	10	16	32	52	81	120	179	251
-45°	0	2	8	10	17	32	51	78	115	168	239
-47.5°	0	2	8	11	17	31	50	75	110	155	224
-50°	0	2	8	11	18	30	48	72	104	149	207
-52.5°	0	2	8	11	18	29	47	69	100	141	189
-55°	0	2	8	12	18	28	45	64	95	132	178
-57.5°	0	2	8	12	17	28	43	61	89	124	165
-60°	0	2	8	12	17	26	40	58	82	115	151
-62.5°	0	2	8	12	16	25	38	55	77	105	139
-65°	0	2	7	12	16	23	35	50	70	95	126
-67.5°	0	2	7	12	16	22	31	45	62	84	111
-70°	0	2	6	12	15	21	28	40	55	72	96
-72.5°	0	1	6	11	15	20	26	34	47	62	80
-75°	0	1	5	9	14	18	24	30	38	51	66
-77.5°	0	1	4	8	12	17	22	27	33	41	51
-80°	0	1	3	6	10	14	19	24	29	35	41
-82.5°	0	1	2	5	7	11	15	19	24	29	34
-85°	0	0	2	3	5	7	10	13	16	20	24
-87.5°	0	0	1	2	2	4	5	6	8	10	12
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627946 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-740-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	3	2	0	0	0	1	0	0	0
65°	5	6	5	2	0	2	3	3	0	0	0
62.5°	9	8	5	4	5	7	6	3	1	2	3
60°	10	8	7	8	10	9	6	7	8	9	23
57.5°	10	9	9	10	11	10	12	14	34	57	64
55°	10	10	11	13	14	17	25	53	80	99	107
52.5°	11	11	15	18	22	36	66	98	123	143	169
50°	12	15	20	27	42	75	112	147	180	211	247
47.5°	16	20	29	42	78	120	165	209	248	291	344
45°	20	31	41	74	119	172	227	277	317	367	414
42.5°	24	47	70	106	169	232	295	335	380	435	497
40°	40	66	101	155	222	298	353	397	445	521	597
37.5°	59	92	134	204	285	359	412	466	535	623	713
35°	80	118	179	257	347	415	475	541	637	738	845
32.5°	102	142	222	311	396	469	536	635	735	847	994
30°	123	179	265	362	442	519	612	722	822	958	1131
27.5°	146	216	310	405	486	566	689	795	910	1065	1272
25°	171	255	351	443	527	628	763	877	994	1192	1470
22.5°	201	292	391	479	566	693	839	980	1133	1330	1674
20°	233	327	427	521	605	757	919	1092	1300	1575	2025
17.5°	262	359	462	564	669	824	1005	1210	1469	1811	2472
15°	289	387	496	606	730	893	1093	1344	1657	2083	2905
12.5°	313	413	529	648	783	956	1169	1442	1813	2425	3458
10°	335	435	561	689	831	1011	1236	1525	1939	2670	3871
7.5°	353	459	590	727	872	1059	1293	1593	2051	2863	4193
5°	369	488	616	755	902	1098	1339	1645	2145	3004	4442
2.5°	383	514	636	779	925	1129	1376	1694	2236	3120	4652
0°	394	538	653	798	942	1153	1403	1730	2307	3200	4815
-2.5°	408	550	676	812	969	1170	1416	1756	2330	3212	4782
-5°	419	559	695	824	990	1180	1419	1766	2326	3186	4683
-7.5°	428	564	709	833	1001	1185	1421	1760	2302	3133	4524
-10°	435	570	714	844	1005	1184	1413	1738	2247	3030	4283
-12.5°	444	576	715	849	1003	1177	1395	1700	2161	2875	3973
-15°	451	579	714	848	999	1164	1365	1645	2047	2668	3589
-17.5°	453	580	711	841	990	1146	1324	1580	1941	2487	3315
-20°	452	578	706	827	979	1126	1297	1530	1852	2313	2981

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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°	448	574	700	815	960	1106	1265	1469	1739	2118	2657
-25°	439	567	692	808	939	1082	1224	1403	1639	1973	2422
-27.5°	424	555	677	796	916	1054	1188	1350	1556	1814	2173
-30°	403	539	659	778	896	1025	1154	1291	1472	1696	1985
-32.5°	382	521	639	754	873	995	1117	1244	1399	1585	1810
-35°	367	498	617	727	844	962	1079	1197	1325	1490	1683
-37.5°	359	474	595	699	810	925	1037	1150	1268	1398	1573
-40°	347	450	570	674	774	886	995	1101	1210	1341	1475
-42.5°	332	433	543	649	743	847	950	1053	1162	1282	1408
-45°	318	412	517	615	711	807	908	1004	1110	1224	1341
-47.5°	300	389	489	576	670	767	863	959	1053	1159	1271
-50°	279	363	454	538	622	717	814	910	1002	1092	1191
-52.5°	256	331	417	500	577	658	756	854	946	1035	1122
-55°	232	302	380	461	538	608	694	793	884	971	1060
-57.5°	213	271	343	420	496	569	647	731	821	905	992
-60°	195	244	304	376	451	523	599	677	759	840	918
-62.5°	177	219	269	328	398	471	542	615	692	762	832
-65°	160	194	235	285	341	406	475	545	615	677	736
-67.5°	141	172	205	242	291	345	401	464	529	589	646
-70°	122	148	177	208	244	289	340	391	443	496	551
-72.5°	101	125	150	175	207	245	284	325	370	417	464
-75°	83	101	123	145	171	202	235	270	306	343	381
-77.5°	66	81	98	115	136	160	186	214	243	272	301
-80°	51	61	75	89	105	122	140	159	181	205	229
-82.5°	40	48	56	65	76	87	99	113	129	147	164
-85°	29	33	38	44	50	57	64	72	82	93	104
-87.5°	14	17	19	22	25	28	31	34	39	44	50
-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	3	3	2	2	5	6	7	7	8
60°	26	18	24	31	30	23	34	39	36	29	30
57.5°	67	73	83	97	107	114	123	133	140	144	148
55°	123	148	174	186	207	238	266	268	273	280	296
52.5°	198	227	240	263	303	329	342	364	388	411	432
50°	287	311	340	377	416	441	450	489	537	576	600
47.5°	377	410	462	527	561	589	629	680	733	790	834
45°	461	519	586	644	689	738	792	855	938	1017	1076
42.5°	556	622	690	757	806	888	982	1057	1177	1281	1347
40°	667	733	830	912	1013	1117	1280	1430	1581	1756	1884
37.5°	801	902	1038	1171	1321	1475	1765	2062	2304	2645	2834
35°	961	1117	1311	1508	1749	2120	2544	3117	3713	4209	4688
32.5°	1146	1346	1613	1966	2370	2967	3603	4659	5687	6715	7724
30°	1328	1618	2027	2513	3176	4120	5320	6951	8718	10265	11666
27.5°	1571	1983	2513	3239	4367	5752	7966	10231	12482	14490	15934
25°	1864	2417	3167	4368	5998	8293	11261	14038	16679	18649	20308
22.5°	2289	3117	4181	5711	8668	11861	15412	18906	21873	24355	25990
20°	2813	3933	5715	8487	11965	15957	20528	24203	27857	30649	33144
17.5°	3556	5339	7854	11376	15531	20856	25562	29661	34300	37154	39699
15°	4224	6515	10102	14594	19463	25108	30657	35677	40155	43292	46137
12.5°	5069	7766	11888	17173	22499	28782	34552	39927	44313	47541	49531
10°	5826	9048	13674	19200	25163	31727	37706	43301	47549	50044	51508
7.5°	6437	10114	15120	20935	27230	33837	40154	45707	49771	51859	52858
5°	6910	10904	16253	22358	28896	35657	42103	47538	50962	52687	53246
2.5°	7265	11453	17015	23294	30021	37000	43582	48938	51859	53104	53289
0°	7506	11840	17511	23882	30985	37482	44382	49822	52599	53599	53695
-2.5°	7449	11700	17489	23669	30874	37698	44510	49878	52850	54193	54412
-5°	7298	11371	16909	23064	29996	36830	43327	48995	52643	54671	55570
-7.5°	7005	10802	15917	21907	28573	35414	42039	47920	52118	54971	56729
-10°	6507	9971	14648	20442	27013	33531	40081	46184	50704	54140	56588
-12.5°	5827	8843	13101	18368	24973	31059	37260	43108	48042	52278	54808
-15°	5125	7669	11494	16313	22063	28056	33785	39524	44394	48356	51511
-17.5°	4625	6641	9632	13849	18898	24584	30174	35445	39840	43564	46874
-20°	3993	5489	7858	11404	15849	20820	26174	30866	34790	38282	41444



REPORT NUMBER: P627946 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	3489	4701	6412	8831	12824	17208	21588	25908	29597	32707	35405
-25°	3032	3882	5220	7187	9784	13570	17260	20907	24314	27204	29635
-27.5°	2673	3349	4241	5641	7612	9821	13055	16103	19032	21675	23967
-30°	2346	2853	3550	4427	5767	7408	9353	11632	13968	16054	18137
-32.5°	2112	2473	2952	3602	4353	5527	6703	8237	9715	11237	12731
-35°	1901	2192	2517	2952	3467	4153	4927	5864	6655	7651	8569
-37.5°	1757	1961	2210	2484	2853	3235	3760	4329	4819	5374	5841
-40°	1637	1797	1966	2151	2404	2663	3001	3321	3632	3970	4222
-42.5°	1536	1665	1787	1930	2080	2287	2514	2714	2902	3101	3266
-45°	1458	1553	1652	1763	1876	2026	2187	2336	2459	2570	2660
-47.5°	1372	1459	1545	1631	1728	1837	1943	2038	2141	2227	2289
-50°	1289	1374	1453	1527	1611	1697	1780	1856	1929	1993	2032
-52.5°	1208	1296	1373	1441	1512	1583	1652	1720	1784	1841	1867
-55°	1146	1227	1305	1367	1427	1486	1548	1612	1672	1727	1743
-57.5°	1078	1161	1236	1293	1348	1401	1458	1518	1575	1627	1643
-60°	1000	1087	1153	1206	1262	1321	1374	1428	1481	1525	1544
-62.5°	907	985	1045	1098	1149	1196	1255	1312	1367	1412	1439
-65°	797	864	922	975	1024	1071	1126	1178	1228	1268	1296
-67.5°	700	752	801	848	896	944	994	1043	1091	1125	1148
-70°	604	653	698	742	785	826	868	909	949	979	1002
-72.5°	510	553	592	631	670	707	743	778	812	838	860
-75°	421	458	492	525	557	587	614	642	668	691	711
-77.5°	332	362	391	419	447	470	492	513	533	552	570
-80°	254	276	297	318	339	357	373	389	405	420	434
-82.5°	182	197	210	224	239	251	263	275	286	296	307
-85°	116	124	132	139	147	154	162	169	176	183	189
-87.5°	55	59	62	66	70	73	77	80	84	87	90
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627946 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-740-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	9	9	10	9	9	9	8	7	7	6
60°	30	29	29	29	29	29	30	30	29	36	39
57.5°	145	135	125	115	125	135	145	148	144	140	133
55°	314	332	339	336	339	332	314	296	280	273	268
52.5°	446	455	452	442	452	455	446	432	411	388	364
50°	610	611	606	596	606	611	610	600	576	537	489
47.5°	857	870	876	875	876	870	857	834	790	733	680
45°	1099	1111	1116	1115	1116	1111	1099	1076	1017	938	855
42.5°	1382	1403	1410	1403	1410	1403	1382	1347	1281	1177	1057
40°	1958	1983	1971	1941	1971	1983	1958	1884	1756	1581	1430
37.5°	2967	3063	3103	3104	3103	3063	2967	2834	2645	2304	2062
35°	5117	5460	5617	5420	5617	5460	5117	4688	4209	3713	3117
32.5°	8546	9153	9495	9495	9495	9153	8546	7724	6715	5687	4659
30°	12725	13485	13912	14003	13912	13485	12725	11666	10265	8718	6951
27.5°	17059	17844	18253	18193	18253	17844	17059	15934	14490	12482	10231
25°	21407	22002	22345	22354	22345	22002	21407	20308	18649	16679	14038
22.5°	27830	29082	29598	29735	29598	29082	27830	25990	24355	21873	18906
20°	34833	36046	36829	36876	36829	36046	34833	33144	30649	27857	24203
17.5°	41504	42106	42217	42268	42217	42106	41504	39699	37154	34300	29661
15°	47793	48004	48560	48630	48560	48004	47793	46137	43292	40155	35677
12.5°	50780	50973	50878	50619	50878	50973	50780	49531	47541	44313	39927
10°	52408	52136	51731	51244	51731	52136	52408	51508	50044	47549	43301
7.5°	52777	52475	51760	51052	51760	52475	52777	52858	51859	49771	45707
5°	52952	52065	51162	50302	51162	52065	52952	53246	52687	50962	47538
2.5°	52848	51793	50554	49630	50554	51793	52848	53289	53104	51859	48938
0°	53185	52119	50821	50475	50821	52119	53185	53695	53599	52599	49822
-2.5°	54124	53260	52582	52397	52582	53260	54124	54412	54193	52850	49878
-5°	55813	55623	54472	54742	54472	55623	55813	55570	54671	52643	48995
-7.5°	57445	57174	56688	57318	56688	57174	57445	56729	54971	52118	47920
-10°	57879	57790	58018	58577	58018	57790	57879	56588	54140	50704	46184
-12.5°	56549	57246	58027	58615	58027	57246	56549	54808	52278	48042	43108
-15°	53584	55009	56177	56732	56177	55009	53584	51511	48356	44394	39524
-17.5°	49217	50965	52349	52743	52349	50965	49217	46874	43564	39840	35445
-20°	43840	45618	46878	47381	46878	45618	43840	41444	38282	34790	30866

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REPORT NUMBER: P627946 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	37789	39525	40667	41268	40667	39525	37789	35405	32707	29597	25908
-25°	31649	33174	34188	34454	34188	33174	31649	29635	27204	24314	20907
-27.5°	25777	27003	27750	27833	27750	27003	25777	23967	21675	19032	16103
-30°	19869	21008	21655	21999	21655	21008	19869	18137	16054	13968	11632
-32.5°	13954	14858	15406	15550	15406	14858	13954	12731	11237	9715	8237
-35°	9304	9866	10213	10283	10213	9866	9304	8569	7651	6655	5864
-37.5°	6221	6495	6664	6747	6664	6495	6221	5841	5374	4819	4329
-40°	4407	4536	4608	4623	4608	4536	4407	4222	3970	3632	3321
-42.5°	3371	3436	3470	3479	3470	3436	3371	3266	3101	2902	2714
-45°	2724	2769	2797	2806	2797	2769	2724	2660	2570	2459	2336
-47.5°	2330	2360	2377	2383	2377	2360	2330	2289	2227	2141	2038
-50°	2056	2072	2079	2076	2079	2072	2056	2032	1993	1929	1856
-52.5°	1883	1894	1897	1893	1897	1894	1883	1867	1841	1784	1720
-55°	1755	1762	1763	1759	1763	1762	1755	1743	1727	1672	1612
-57.5°	1656	1666	1663	1653	1663	1666	1656	1643	1627	1575	1518
-60°	1559	1570	1571	1567	1571	1570	1559	1544	1525	1481	1428
-62.5°	1462	1481	1484	1480	1484	1481	1462	1439	1412	1367	1312
-65°	1322	1346	1345	1336	1345	1346	1322	1296	1268	1228	1178
-67.5°	1168	1185	1186	1182	1186	1185	1168	1148	1125	1091	1043
-70°	1023	1041	1042	1038	1042	1041	1023	1002	979	949	909
-72.5°	880	898	902	903	902	898	880	860	838	812	778
-75°	729	745	744	740	744	745	729	711	691	668	642
-77.5°	586	602	600	596	600	602	586	570	552	533	513
-80°	447	459	456	452	456	459	447	434	420	405	389
-82.5°	316	325	322	317	322	325	316	307	296	286	275
-85°	195	201	202	202	202	201	195	189	183	176	169
-87.5°	93	96	91	87	91	96	93	90	87	84	80
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627946 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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	2	3	3	3	3	3	2	1	3
60°	34	23	30	31	24	18	26	23	9	8	7
57.5°	123	114	107	97	83	73	67	64	57	34	14
55°	266	238	207	186	174	148	123	107	99	80	53
52.5°	342	329	303	263	240	227	198	169	143	123	98
50°	450	441	416	377	340	311	287	247	211	180	147
47.5°	629	589	561	527	462	410	377	344	291	248	209
45°	792	738	689	644	586	519	461	414	367	317	277
42.5°	982	888	806	757	690	622	556	497	435	380	335
40°	1280	1117	1013	912	830	733	667	597	521	445	397
37.5°	1765	1475	1321	1171	1038	902	801	713	623	535	466
35°	2544	2120	1749	1508	1311	1117	961	845	738	637	541
32.5°	3603	2967	2370	1966	1613	1346	1146	994	847	735	635
30°	5320	4120	3176	2513	2027	1618	1328	1131	958	822	722
27.5°	7966	5752	4367	3239	2513	1983	1571	1272	1065	910	795
25°	11261	8293	5998	4368	3167	2417	1864	1470	1192	994	877
22.5°	15412	11861	8668	5711	4181	3117	2289	1674	1330	1133	980
20°	20528	15957	11965	8487	5715	3933	2813	2025	1575	1300	1092
17.5°	25562	20856	15531	11376	7854	5339	3556	2472	1811	1469	1210
15°	30657	25108	19463	14594	10102	6515	4224	2905	2083	1657	1344
12.5°	34552	28782	22499	17173	11888	7766	5069	3458	2425	1813	1442
10°	37706	31727	25163	19200	13674	9048	5826	3871	2670	1939	1525
7.5°	40154	33837	27230	20935	15120	10114	6437	4193	2863	2051	1593
5°	42103	35657	28896	22358	16253	10904	6910	4442	3004	2145	1645
2.5°	43582	37000	30021	23294	17015	11453	7265	4652	3120	2236	1694
0°	44382	37482	30985	23882	17511	11840	7506	4815	3200	2307	1730
-2.5°	44510	37698	30874	23669	17489	11700	7449	4782	3212	2330	1756
-5°	43327	36830	29996	23064	16909	11371	7298	4683	3186	2326	1766
-7.5°	42039	35414	28573	21907	15917	10802	7005	4524	3133	2302	1760
-10°	40081	33531	27013	20442	14648	9971	6507	4283	3030	2247	1738
-12.5°	37260	31059	24973	18368	13101	8843	5827	3973	2875	2161	1700
-15°	33785	28056	22063	16313	11494	7669	5125	3589	2668	2047	1645
-17.5°	30174	24584	18898	13849	9632	6641	4625	3315	2487	1941	1580
-20°	26174	20820	15849	11404	7858	5489	3993	2981	2313	1852	1530

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REPORT NUMBER: P627946 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	21588	17208	12824	8831	6412	4701	3489	2657	2118	1739	1469
-25°	17260	13570	9784	7187	5220	3882	3032	2422	1973	1639	1403
-27.5°	13055	9821	7612	5641	4241	3349	2673	2173	1814	1556	1350
-30°	9353	7408	5767	4427	3550	2853	2346	1985	1696	1472	1291
-32.5°	6703	5527	4353	3602	2952	2473	2112	1810	1585	1399	1244
-35°	4927	4153	3467	2952	2517	2192	1901	1683	1490	1325	1197
-37.5°	3760	3235	2853	2484	2210	1961	1757	1573	1398	1268	1150
-40°	3001	2663	2404	2151	1966	1797	1637	1475	1341	1210	1101
-42.5°	2514	2287	2080	1930	1787	1665	1536	1408	1282	1162	1053
-45°	2187	2026	1876	1763	1652	1553	1458	1341	1224	1110	1004
-47.5°	1943	1837	1728	1631	1545	1459	1372	1271	1159	1053	959
-50°	1780	1697	1611	1527	1453	1374	1289	1191	1092	1002	910
-52.5°	1652	1583	1512	1441	1373	1296	1208	1122	1035	946	854
-55°	1548	1486	1427	1367	1305	1227	1146	1060	971	884	793
-57.5°	1458	1401	1348	1293	1236	1161	1078	992	905	821	731
-60°	1374	1321	1262	1206	1153	1087	1000	918	840	759	677
-62.5°	1255	1196	1149	1098	1045	985	907	832	762	692	615
-65°	1126	1071	1024	975	922	864	797	736	677	615	545
-67.5°	994	944	896	848	801	752	700	646	589	529	464
-70°	868	826	785	742	698	653	604	551	496	443	391
-72.5°	743	707	670	631	592	553	510	464	417	370	325
-75°	614	587	557	525	492	458	421	381	343	306	270
-77.5°	492	470	447	419	391	362	332	301	272	243	214
-80°	373	357	339	318	297	276	254	229	205	181	159
-82.5°	263	251	239	224	210	197	182	164	147	129	113
-85°	162	154	147	139	132	124	116	104	93	82	72
-87.5°	77	73	70	66	62	59	55	50	44	39	34
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P627946 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA6D-740-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	1	1	0	0	0	0	0	0
67.5°	0	0	0	2	3	3	1	1	1	0	0
65°	3	2	0	2	5	6	5	3	3	2	0
62.5°	6	7	5	4	5	8	9	6	5	4	2
60°	6	9	10	8	7	8	10	9	7	7	4
57.5°	12	10	11	10	9	9	10	10	9	8	7
55°	25	17	14	13	11	10	10	10	10	9	9
52.5°	66	36	22	18	15	11	11	10	10	9	10
50°	112	75	42	27	20	15	12	11	10	10	10
47.5°	165	120	78	42	29	20	16	13	10	10	11
45°	227	172	119	74	41	31	20	16	12	10	12
42.5°	295	232	169	106	70	47	24	19	15	11	12
40°	353	298	222	155	101	66	40	23	18	12	13
37.5°	412	359	285	204	134	92	59	26	22	16	14
35°	475	415	347	257	179	118	80	36	27	19	14
32.5°	536	469	396	311	222	142	102	57	34	23	15
30°	612	519	442	362	265	179	123	77	42	27	16
27.5°	689	566	486	405	310	216	146	95	51	32	19
25°	763	628	527	443	351	255	171	112	65	39	22
22.5°	839	693	566	479	391	292	201	131	79	46	25
20°	919	757	605	521	427	327	233	152	92	54	28
17.5°	1005	824	669	564	462	359	262	173	104	63	31
15°	1093	893	730	606	496	387	289	194	114	71	36
12.5°	1169	956	783	648	529	413	313	215	123	79	42
10°	1236	1011	831	689	561	435	335	234	138	86	49
7.5°	1293	1059	872	727	590	459	353	249	155	92	57
5°	1339	1098	902	755	616	488	369	261	171	98	64
2.5°	1376	1129	925	779	636	514	383	271	187	102	71
0°	1403	1153	942	798	653	538	394	279	202	106	77
-2.5°	1416	1170	969	812	676	550	408	294	211	119	80
-5°	1419	1180	990	824	695	559	419	307	219	132	82
-7.5°	1421	1185	1001	833	709	564	428	317	225	143	84
-10°	1413	1184	1005	844	714	570	435	326	231	152	85
-12.5°	1395	1177	1003	849	715	576	444	332	236	159	86
-15°	1365	1164	999	848	714	579	451	335	238	161	87
-17.5°	1324	1146	990	841	711	580	453	335	239	160	90
-20°	1297	1126	979	827	706	578	452	330	238	158	94

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CATALOG NUMBER: GFLD-SA6D-740-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°	1265	1106	960	815	700	574	448	322	235	156	96
-25°	1224	1082	939	808	692	567	439	310	230	153	97
-27.5°	1188	1054	916	796	677	555	424	303	223	149	97
-30°	1154	1025	896	778	659	539	403	294	217	147	96
-32.5°	1117	995	873	754	639	521	382	282	210	145	94
-35°	1079	962	844	727	617	498	367	268	204	141	91
-37.5°	1037	925	810	699	595	474	359	264	197	135	88
-40°	995	886	774	674	570	450	347	259	189	127	85
-42.5°	950	847	743	649	543	433	332	251	179	120	81
-45°	908	807	711	615	517	412	318	239	168	115	78
-47.5°	863	767	670	576	489	389	300	224	155	110	75
-50°	814	717	622	538	454	363	279	207	149	104	72
-52.5°	756	658	577	500	417	331	256	189	141	100	69
-55°	694	608	538	461	380	302	232	178	132	95	64
-57.5°	647	569	496	420	343	271	213	165	124	89	61
-60°	599	523	451	376	304	244	195	151	115	82	58
-62.5°	542	471	398	328	269	219	177	139	105	77	55
-65°	475	406	341	285	235	194	160	126	95	70	50
-67.5°	401	345	291	242	205	172	141	111	84	62	45
-70°	340	289	244	208	177	148	122	96	72	55	40
-72.5°	284	245	207	175	150	125	101	80	62	47	34
-75°	235	202	171	145	123	101	83	66	51	38	30
-77.5°	186	160	136	115	98	81	66	51	41	33	27
-80°	140	122	105	89	75	61	51	41	35	29	24
-82.5°	99	87	76	65	56	48	40	34	29	24	19
-85°	64	57	50	44	38	33	29	24	20	16	13
-87.5°	31	28	25	22	19	17	14	12	10	8	6
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA6D-740-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	1	1	0	0	0	0
70°	1	2	2	0	0	0	0
67.5°	1	3	3	1	0	0	0
65°	1	3	4	2	0	0	0
62.5°	2	4	5	3	0	0	0
60°	2	4	6	4	0	0	0
57.5°	4	4	6	5	1	0	0
55°	5	5	7	6	1	0	0
52.5°	7	5	7	7	2	0	0
50°	9	6	7	8	3	0	0
47.5°	10	7	7	9	3	0	0
45°	10	8	8	9	4	0	0
42.5°	11	8	8	10	5	0	0
40°	12	9	8	10	5	0	0
37.5°	14	9	9	10	6	0	0
35°	15	10	9	10	6	0	0
32.5°	16	11	9	10	7	0	0
30°	17	12	10	10	7	0	0
27.5°	17	13	10	10	7	0	0
25°	18	14	10	10	8	0	0
22.5°	18	15	10	10	8	0	0
20°	19	16	10	10	8	0	0
17.5°	20	17	10	10	9	0	0
15°	21	18	10	10	9	0	0
12.5°	22	18	10	10	9	0	0
10°	23	18	10	10	9	0	0
7.5°	25	19	10	10	9	0	0
5°	26	19	10	10	10	0	0
2.5°	27	19	10	10	10	0	0
0°	29	19	10	10	10	0	0
-2.5°	34	20	10	10	10	0	0
-5°	39	21	11	10	10	0	0
-7.5°	43	22	12	10	9	1	0
-10°	47	23	13	10	9	1	0
-12.5°	50	23	13	10	9	1	0
-15°	53	24	14	10	9	1	0
-17.5°	54	24	14	10	9	1	0
-20°	55	25	15	10	9	2	0

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CATALOG NUMBER: GFLD-SA6D-740-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	55	25	15	10	9	2	0
-25°	55	26	15	10	9	2	0
-27.5°	55	28	14	10	8	2	0
-30°	53	29	14	10	8	2	0
-32.5°	52	31	15	10	8	2	0
-35°	52	31	15	10	8	2	0
-37.5°	53	32	16	10	8	2	0
-40°	53	32	16	10	8	2	0
-42.5°	52	32	16	10	8	2	0
-45°	51	32	17	10	8	2	0
-47.5°	50	31	17	11	8	2	0
-50°	48	30	18	11	8	2	0
-52.5°	47	29	18	11	8	2	0
-55°	45	28	18	12	8	2	0
-57.5°	43	28	17	12	8	2	0
-60°	40	26	17	12	8	2	0
-62.5°	38	25	16	12	8	2	0
-65°	35	23	16	12	7	2	0
-67.5°	31	22	16	12	7	2	0
-70°	28	21	15	12	6	2	0
-72.5°	26	20	15	11	6	1	0
-75°	24	18	14	9	5	1	0
-77.5°	22	17	12	8	4	1	0
-80°	19	14	10	6	3	1	0
-82.5°	15	11	7	5	2	1	0
-85°	10	7	5	3	2	0	0
-87.5°	5	4	2	2	1	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)