

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: P627266 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-730-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627266 (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-SA3E-730-U-MWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20590.8 lumens
Efficiency: N/A
Efficacy: 111.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 28847.5 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 13791.7 lumens
Beam Efficiency: 67.0%

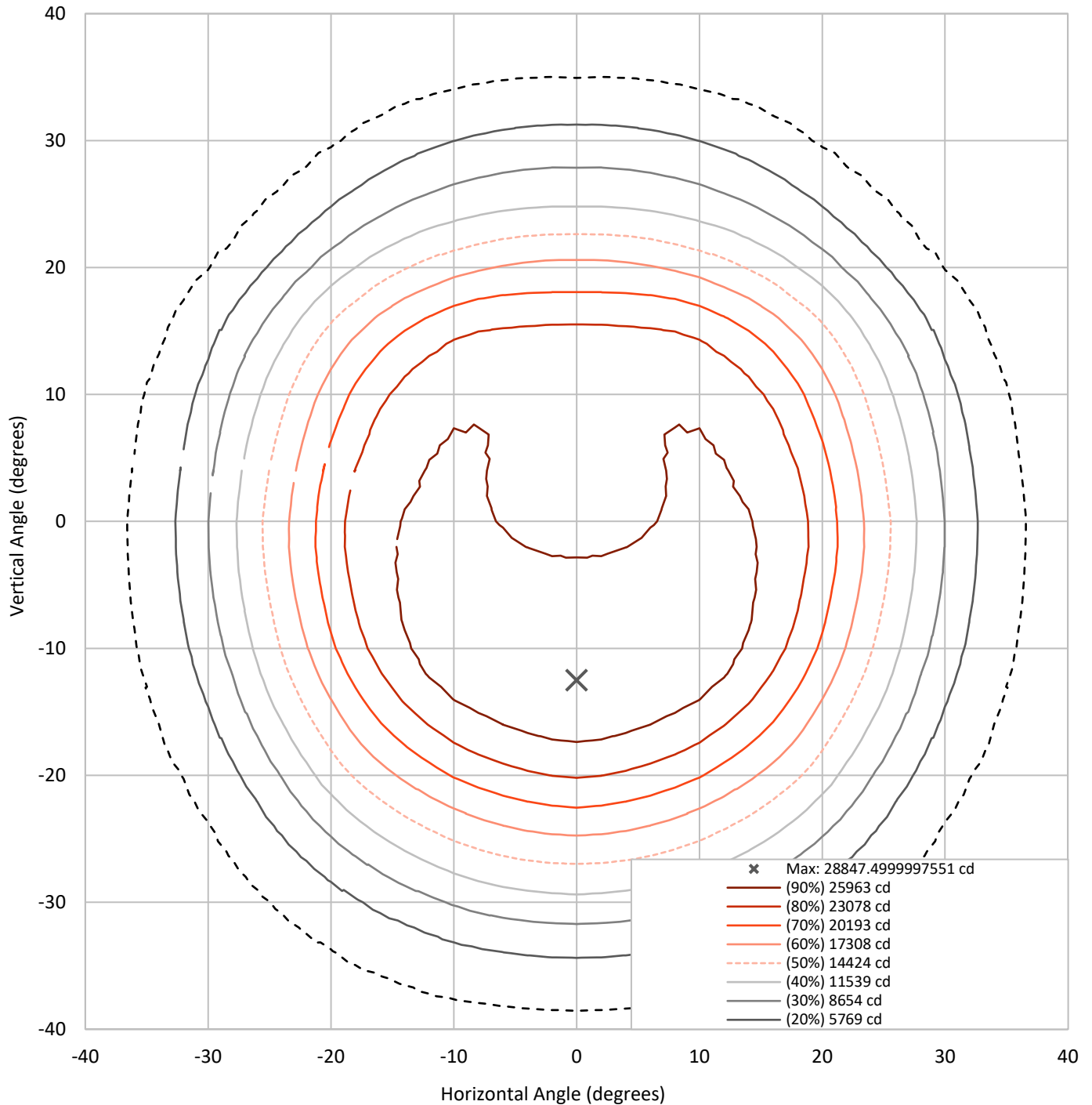
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 18559.4 lumens
Field Efficiency: 90.1%

Input Watts (W): 185.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA3E-730-U-MWR-VSR-XX

Iso-Candela Plot





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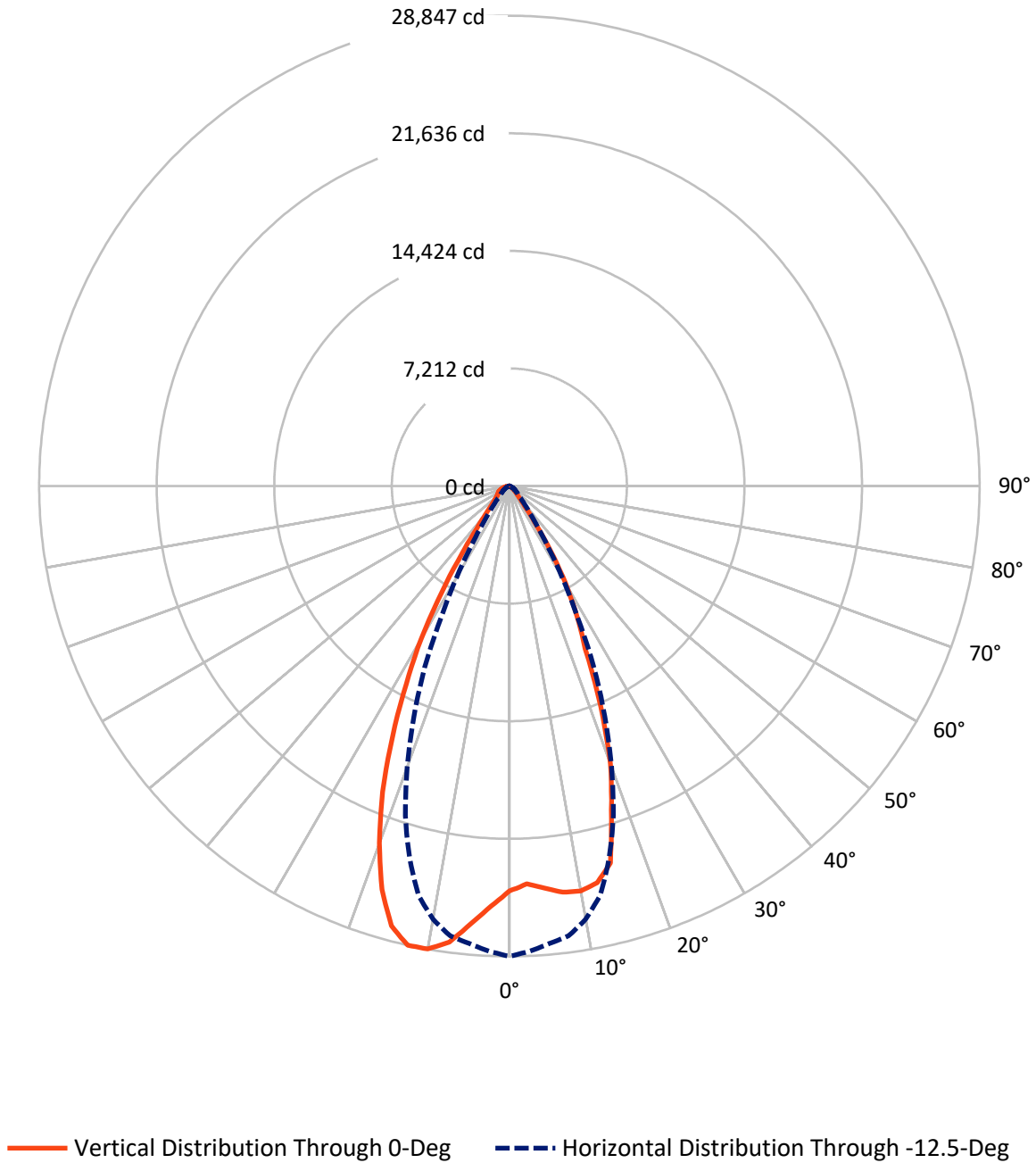
CATALOG NUMBER: GFLD-SA3E-730-U-MWR-VSR-XX

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	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0									
50		0.1	0.1	0.7	1.7	2.8	3.9	4.6	4.6	3.9	2.8	1.7	0.7	0.1		0.1								
40	0.1	0.1	0.8	2.9	5.8	9.5	14.1	17.3	17.3	14.1	9.5	5.8	2.9	0.8	0.1	0.1								
30		0.4	2.3	6.0	12.4	26.7	60.8	92.8	92.8	60.8	26.7	12.4	6.0	2.3	0.4									
20	0.2	0.8	3.8	9.6	25.8	95.7	246.5	344.5	344.5	246.5	95.7	25.8	9.6	3.8	0.8	0.2								
10		1.4	5.4	14.9	61.5	265.8	554.5	686.6	686.6	554.5	265.8	61.5	14.9	5.4	1.4									
0	0.4	1.8	6.6	19.2	97.9	391.4	715.0	775.1	775.1	715.0	391.4	97.9	19.2	6.6	1.8	0.4								
-10		2.1	7.3	20.5	102.4	404.3	740.7	822.7	822.7	740.7	404.3	102.4	20.5	7.3	2.1									
-20	0.6	2.3	7.4	18.7	73.3	301.0	624.9	797.9	797.9	624.9	301.0	73.3	18.7	7.4	2.3	0.6								
-30		2.2	7.1	15.5	41.0	146.0	348.2	490.0	490.0	348.2	146.0	41.0	15.5	7.1	2.2									
-40	0.5	1.9	6.3	12.9	24.4	52.0	108.8	161.4	161.4	108.8	52.0	24.4	12.9	6.3	1.9	0.5								
-50		1.6	5.3	10.7	17.9	26.4	37.1	44.0	44.0	37.1	26.4	17.9	10.7	5.3	1.6									
-60	0.4	1.2	4.0	8.4	14.0	19.4	24.3	26.5	26.5	24.3	19.4	14.0	8.4	4.0	1.2	0.4								
-70		0.8	2.5	5.8	9.9	13.9	17.6	19.7	19.7	17.6	13.9	9.9	5.8	2.5	0.8									
-80	0.2	2.3	10.4	22.1	28.3	22.1	10.4	2.3	0.2															
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90					

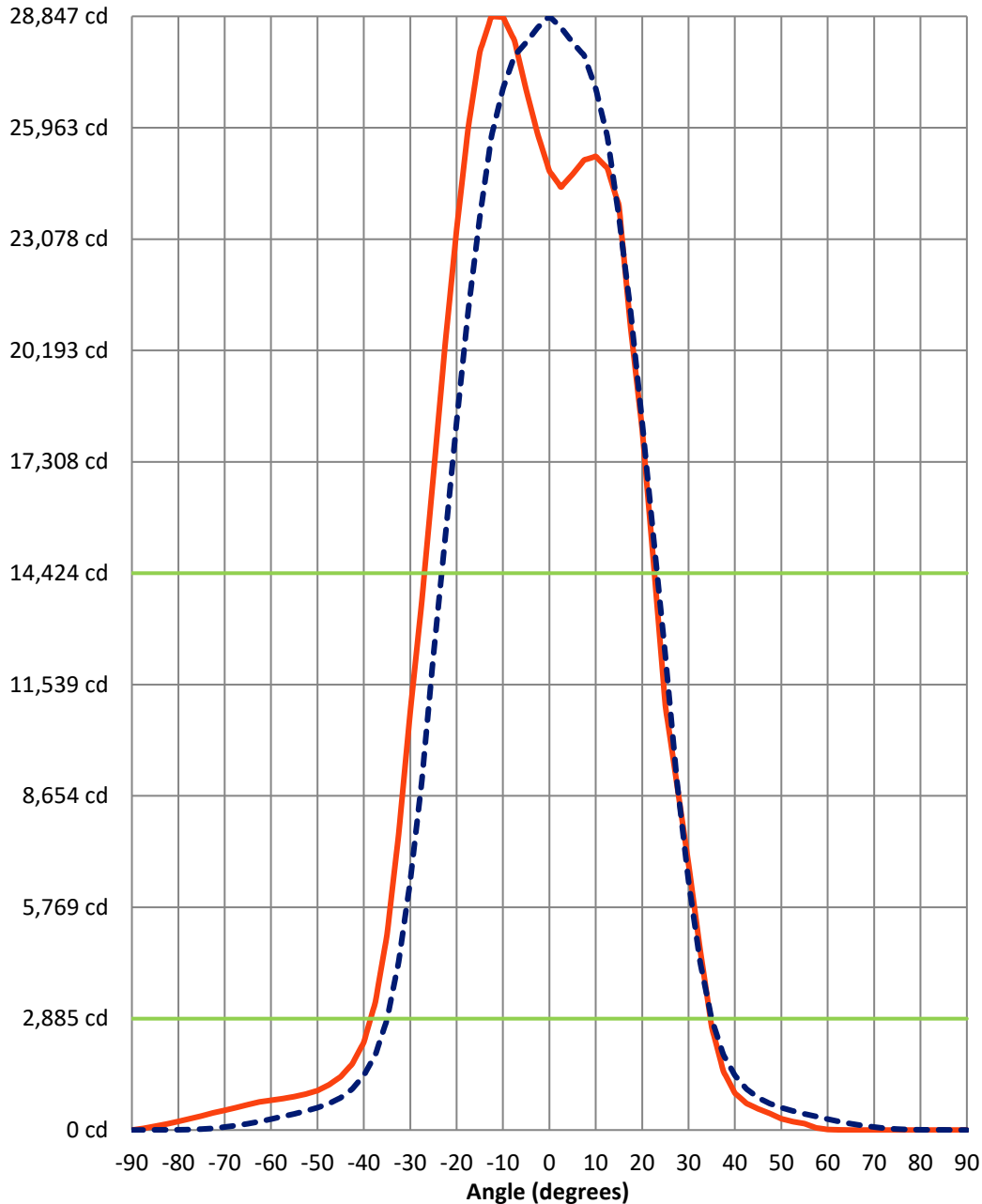
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 13791.7
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 18559.4
 Efficiency: 90.1%

Spill:
 Lumens: 2031.3
 Efficiency: 9.9%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	1	1	0	0	0	0	0
70°	0	0	0	0	1	1	0	0	0	0	0
67.5°	0	0	0	1	1	1	1	0	0	1	1
65°	0	0	0	1	2	2	1	0	1	2	1
62.5°	0	0	0	1	2	2	1	1	2	2	3
60°	0	0	0	2	3	2	1	2	3	3	4
57.5°	0	0	0	2	3	2	2	3	4	4	5
55°	0	0	1	3	3	2	3	5	4	5	5
52.5°	0	0	1	3	3	2	3	5	5	5	5
50°	0	0	1	4	3	3	4	5	5	5	5
47.5°	0	0	2	4	4	3	5	5	5	5	7
45°	0	0	2	5	4	4	5	6	5	6	8
42.5°	0	0	2	5	4	4	6	6	5	7	10
40°	0	0	2	5	4	4	6	6	6	9	11
37.5°	0	0	3	5	4	5	7	7	8	11	13
35°	0	0	3	5	4	5	7	7	9	13	18
32.5°	0	0	3	5	5	6	8	7	11	17	28
30°	0	0	3	5	5	6	8	8	13	21	38
27.5°	0	0	4	5	5	7	9	9	16	25	47
25°	0	0	4	5	5	7	9	11	19	32	55
22.5°	0	0	4	5	5	8	9	12	23	39	65
20°	0	0	4	5	5	8	9	14	27	45	75
17.5°	0	0	4	5	5	8	10	15	31	51	85
15°	0	0	4	5	5	9	10	18	35	56	95
12.5°	0	0	4	5	5	9	11	21	39	61	106
10°	0	0	5	5	5	9	11	24	43	68	115
7.5°	0	0	5	5	5	9	12	28	46	76	123
5°	0	0	5	5	5	9	13	31	48	84	129
2.5°	0	0	5	5	5	9	14	35	50	92	133
0°	0	0	5	5	5	10	14	38	52	99	137
-2.5°	0	0	5	5	5	10	17	39	59	104	145
-5°	0	0	5	5	6	10	19	40	65	108	151
-7.5°	0	0	5	5	6	11	21	41	71	111	156
-10°	0	0	5	5	6	11	23	42	75	114	160
-12.5°	0	0	5	5	7	12	25	42	78	116	163
-15°	0	1	4	5	7	12	26	43	79	117	165
-17.5°	0	1	4	5	7	12	27	44	79	118	165
-20°	0	1	4	5	7	12	27	46	78	117	163

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REPORT NUMBER: P627266 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-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	1	4	5	7	12	27	47	77	115	159
-25°	0	1	4	5	7	13	27	48	75	113	153
-27.5°	0	1	4	5	7	14	27	48	73	110	149
-30°	0	1	4	5	7	15	26	47	72	107	145
-32.5°	0	1	4	5	7	15	26	46	71	103	139
-35°	0	1	4	5	8	15	26	45	69	100	132
-37.5°	0	1	4	5	8	16	26	43	66	97	130
-40°	0	1	4	5	8	16	26	42	62	93	128
-42.5°	0	1	4	5	8	16	26	40	59	88	124
-45°	0	1	4	5	8	16	25	38	57	83	118
-47.5°	0	1	4	5	9	15	24	37	54	76	110
-50°	0	1	4	5	9	15	24	36	51	73	102
-52.5°	0	1	4	6	9	14	23	34	49	69	93
-55°	0	1	4	6	9	14	22	32	47	65	87
-57.5°	0	1	4	6	8	14	21	30	44	61	81
-60°	0	1	4	6	8	13	20	29	41	56	75
-62.5°	0	1	4	6	8	12	19	27	38	52	69
-65°	0	1	4	6	8	11	17	25	34	47	62
-67.5°	0	1	3	6	8	11	15	22	31	41	55
-70°	0	1	3	6	8	10	14	20	27	36	47
-72.5°	0	1	3	5	7	10	13	17	23	30	39
-75°	0	1	2	4	7	9	12	15	19	25	32
-77.5°	0	0	2	4	6	8	11	13	16	20	25
-80°	0	0	2	3	5	7	10	12	14	17	20
-82.5°	0	0	1	2	4	5	7	10	12	14	17
-85°	0	0	1	2	2	4	5	6	8	10	12
-87.5°	0	0	0	1	1	2	2	3	4	5	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627266 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-730-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	0	0	0	0	0	0	0	0	0
67.5°	0	1	2	1	0	0	0	0	0	0	0
65°	2	3	2	1	0	1	2	1	0	0	0
62.5°	4	4	3	2	3	4	3	2	0	1	2
60°	5	4	3	4	5	4	3	3	4	5	11
57.5°	5	4	4	5	5	5	6	7	17	28	31
55°	5	5	5	6	7	8	13	26	40	49	53
52.5°	5	5	7	9	11	18	33	48	61	71	83
50°	6	8	10	13	21	37	55	72	89	104	122
47.5°	8	10	14	21	38	59	81	103	122	143	169
45°	10	15	20	37	58	85	112	136	156	181	204
42.5°	12	23	35	52	83	114	145	165	187	214	245
40°	20	32	50	76	109	147	174	196	219	257	294
37.5°	29	46	66	100	141	177	203	229	263	307	351
35°	39	58	88	127	171	204	234	266	314	363	416
32.5°	50	70	109	153	195	231	264	312	362	417	489
30°	61	88	131	178	218	255	301	355	405	472	556
27.5°	72	106	152	199	239	278	339	392	448	524	626
25°	84	125	173	218	259	309	376	432	489	587	724
22.5°	99	144	192	236	279	341	413	482	558	655	824
20°	114	161	210	256	298	372	452	537	640	775	996
17.5°	129	177	227	278	329	405	495	595	723	891	1217
15°	142	191	244	298	359	440	538	661	816	1025	1430
12.5°	154	203	261	319	386	470	575	710	892	1193	1702
10°	165	214	276	339	409	497	608	751	954	1314	1905
7.5°	174	226	290	358	429	521	636	784	1009	1409	2064
5°	182	240	303	372	444	540	659	810	1056	1478	2186
2.5°	188	253	313	383	455	556	677	834	1100	1535	2289
0°	194	265	322	393	463	568	691	851	1135	1575	2370
-2.5°	201	271	333	400	477	576	697	864	1146	1581	2354
-5°	206	275	342	405	487	581	698	869	1145	1568	2305
-7.5°	211	278	349	410	493	583	699	866	1133	1542	2226
-10°	214	281	351	415	494	583	696	855	1106	1491	2108
-12.5°	219	284	352	418	494	579	687	836	1064	1415	1955
-15°	222	285	351	417	491	573	672	810	1007	1313	1766
-17.5°	223	285	350	414	487	564	652	778	955	1224	1631
-20°	223	285	348	407	482	554	639	753	911	1139	1467

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CATALOG NUMBER: GFLD-SA3E-730-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	221	283	345	401	473	544	623	723	856	1042	1308
-25°	216	279	340	398	462	532	602	690	806	971	1192
-27.5°	209	273	333	392	451	519	585	664	766	893	1069
-30°	198	265	324	383	441	505	568	635	724	835	977
-32.5°	188	257	314	371	430	490	550	612	688	780	891
-35°	181	245	304	358	415	474	531	589	652	733	829
-37.5°	177	233	293	344	398	455	511	566	624	688	774
-40°	171	222	280	332	381	436	490	542	596	660	726
-42.5°	163	213	267	319	366	417	468	518	572	631	693
-45°	157	203	254	303	350	397	447	494	546	602	660
-47.5°	148	191	240	284	330	377	425	472	518	570	626
-50°	137	178	223	265	306	353	400	448	493	537	586
-52.5°	126	163	205	246	284	324	372	420	466	510	552
-55°	114	148	187	227	265	299	342	390	435	478	522
-57.5°	105	133	169	207	244	280	319	360	404	446	488
-60°	96	120	150	185	222	257	295	333	373	414	452
-62.5°	87	108	132	161	196	232	267	303	341	375	409
-65°	79	95	116	140	168	200	234	268	303	333	362
-67.5°	70	84	101	119	143	170	197	228	260	290	318
-70°	60	73	87	103	120	142	167	192	218	244	271
-72.5°	50	62	74	86	102	121	140	160	182	205	228
-75°	41	50	60	71	84	99	116	133	151	169	188
-77.5°	32	40	48	57	67	79	91	105	119	134	148
-80°	25	30	37	44	52	60	69	78	89	101	113
-82.5°	20	23	28	32	37	43	49	56	64	72	81
-85°	14	16	19	22	25	28	31	35	40	46	51
-87.5°	7	8	10	11	12	14	15	17	19	22	24
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627266 (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	0	0	0	0	0	0
62.5°	1	1	2	2	1	1	2	3	3	3	4
60°	13	9	12	15	15	11	17	19	18	14	15
57.5°	33	36	41	48	53	56	60	65	69	71	73
55°	61	73	86	92	102	117	131	132	134	138	146
52.5°	97	112	118	129	149	162	168	179	191	202	213
50°	141	153	168	185	205	217	221	241	265	284	295
47.5°	186	202	227	259	276	290	310	335	361	389	410
45°	227	256	289	317	339	363	390	421	462	500	530
42.5°	274	306	339	373	397	437	484	520	579	631	663
40°	328	360	408	449	499	550	630	704	778	864	927
37.5°	394	444	511	576	650	726	869	1015	1134	1302	1395
35°	473	550	645	742	861	1043	1252	1534	1827	2072	2307
32.5°	564	662	794	968	1166	1460	1773	2293	2799	3305	3801
30°	654	796	998	1237	1563	2028	2618	3421	4290	5052	5741
27.5°	773	976	1237	1594	2149	2831	3920	5035	6143	7131	7842
25°	918	1189	1559	2150	2952	4082	5542	6909	8208	9178	9994
22.5°	1127	1534	2058	2811	4266	5837	7585	9305	10765	11986	12791
20°	1385	1935	2813	4177	5889	7853	10103	11911	13710	15084	16312
17.5°	1750	2627	3865	5598	7644	10264	12580	14598	16881	18285	19538
15°	2079	3206	4972	7182	9579	12357	15088	17559	19762	21306	22706
12.5°	2495	3822	5851	8452	11073	14165	17005	19650	21808	23397	24376
10°	2867	4453	6730	9449	12384	15614	18557	21311	23401	24629	25350
7.5°	3168	4977	7441	10303	13401	16653	19761	22494	24495	25522	26014
5°	3401	5366	7999	11003	14221	17548	20721	23396	25081	25930	26205
2.5°	3576	5637	8374	11464	14775	18209	21449	24085	25522	26135	26226
0°	3694	5827	8618	11754	15249	18446	21842	24520	25887	26378	26426
-2.5°	3666	5758	8607	11649	15195	18553	21905	24547	26010	26671	26779
-5°	3591	5596	8322	11351	14762	18126	21323	24113	25908	26906	27348
-7.5°	3448	5316	7834	10781	14062	17429	20689	23584	25650	27054	27919
-10°	3202	4907	7209	10060	13294	16502	19726	22729	24954	26645	27850
-12.5°	2868	4352	6448	9040	12290	15286	18338	21216	23644	25728	26974
-15°	2522	3774	5657	8028	10858	13808	16627	19451	21849	23798	25351
-17.5°	2276	3268	4740	6816	9301	12099	14850	17444	19607	21440	23069
-20°	1965	2702	3867	5613	7800	10246	12881	15190	17122	18840	20397

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REPORT NUMBER: P627266 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-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°	1717	2314	3156	4346	6312	8469	10625	12750	14566	16096	17425
-25°	1492	1911	2569	3537	4815	6678	8495	10290	11966	13389	14585
-27.5°	1315	1648	2087	2776	3746	4833	6425	7925	9367	10667	11795
-30°	1155	1404	1747	2179	2838	3646	4603	5725	6874	7901	8926
-32.5°	1039	1217	1453	1773	2142	2720	3299	4054	4781	5530	6266
-35°	936	1079	1239	1453	1706	2044	2425	2886	3275	3766	4217
-37.5°	864	965	1088	1223	1404	1592	1851	2131	2372	2645	2874
-40°	806	885	967	1059	1183	1310	1477	1634	1787	1954	2078
-42.5°	756	820	879	950	1023	1126	1237	1335	1428	1526	1607
-45°	717	765	813	867	923	997	1076	1150	1210	1265	1309
-47.5°	675	718	760	803	851	904	956	1003	1053	1096	1127
-50°	634	676	715	751	793	835	876	914	949	981	1000
-52.5°	595	638	676	709	744	779	813	847	878	906	919
-55°	564	604	642	673	702	731	762	794	823	850	858
-57.5°	531	571	608	636	663	689	718	747	775	801	809
-60°	492	535	567	594	621	650	676	703	729	751	760
-62.5°	446	485	515	541	565	589	618	646	673	695	708
-65°	392	425	454	480	504	527	554	580	604	624	638
-67.5°	345	370	394	417	441	464	489	513	537	554	565
-70°	297	321	344	365	386	407	427	447	467	482	493
-72.5°	251	272	291	311	330	348	365	383	400	413	423
-75°	207	225	242	258	274	289	302	316	329	340	350
-77.5°	163	178	192	206	220	231	242	252	262	271	280
-80°	125	136	146	156	167	176	184	192	199	206	213
-82.5°	90	97	104	110	117	124	129	135	141	146	151
-85°	57	61	65	69	72	76	80	83	87	90	93
-87.5°	27	29	31	32	34	36	38	39	41	43	44
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627266 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-730-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°	4	4	5	5	5	4	4	4	3	3	3
60°	15	14	14	14	14	14	15	15	14	18	19
57.5°	71	66	62	57	62	66	71	73	71	69	65
55°	155	163	167	166	167	163	155	146	138	134	132
52.5°	220	224	223	218	223	224	220	213	202	191	179
50°	300	301	298	293	298	301	300	295	284	265	241
47.5°	422	428	431	430	431	428	422	410	389	361	335
45°	541	547	549	549	549	547	541	530	500	462	421
42.5°	680	691	694	691	694	691	680	663	631	579	520
40°	964	976	970	955	970	976	964	927	864	778	704
37.5°	1460	1507	1527	1528	1527	1507	1460	1395	1302	1134	1015
35°	2518	2687	2764	2668	2764	2687	2518	2307	2072	1827	1534
32.5°	4206	4505	4673	4673	4673	4505	4206	3801	3305	2799	2293
30°	6262	6637	6847	6891	6847	6637	6262	5741	5052	4290	3421
27.5°	8395	8782	8983	8954	8983	8782	8395	7842	7131	6143	5035
25°	10535	10828	10997	11002	10997	10828	10535	9994	9178	8208	6909
22.5°	13697	14313	14566	14634	14566	14313	13697	12791	11986	10765	9305
20°	17143	17740	18125	18149	18125	17740	17143	16312	15084	13710	11911
17.5°	20426	20723	20777	20802	20777	20723	20426	19538	18285	16881	14598
15°	23521	23625	23899	23933	23899	23625	23521	22706	21306	19762	17559
12.5°	24991	25086	25039	24912	25039	25086	24991	24376	23397	21808	19650
10°	25792	25658	25459	25220	25459	25658	25792	25350	24629	23401	21311
7.5°	25974	25825	25474	25125	25474	25825	25974	26014	25522	24495	22494
5°	26060	25623	25179	24756	25179	25623	26060	26205	25930	25081	23396
2.5°	26009	25490	24880	24425	24880	25490	26009	26226	26135	25522	24085
0°	26175	25650	25011	24841	25011	25650	26175	26426	26378	25887	24520
-2.5°	26637	26212	25878	25787	25878	26212	26637	26779	26671	26010	24547
-5°	27468	27375	26808	26941	26808	27375	27468	27348	26906	25908	24113
-7.5°	28271	28138	27899	28209	27899	28138	28271	27919	27054	25650	23584
-10°	28485	28441	28553	28828	28553	28441	28485	27850	26645	24954	22729
-12.5°	27830	28173	28558	28847	28558	28173	27830	26974	25728	23644	21216
-15°	26371	27073	27647	27920	27647	27073	26371	25351	23798	21849	19451
-17.5°	24222	25082	25763	25958	25763	25082	24222	23069	21440	19607	17444
-20°	21576	22451	23071	23318	23071	22451	21576	20397	18840	17122	15190

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REPORT NUMBER: P627266 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-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°	18598	19452	20014	20310	20014	19452	18598	17425	16096	14566	12750
-25°	15576	16327	16825	16957	16825	16327	15576	14585	13389	11966	10290
-27.5°	12686	13290	13657	13698	13657	13290	12686	11795	10667	9367	7925
-30°	9778	10339	10658	10827	10658	10339	9778	8926	7901	6874	5725
-32.5°	6868	7312	7582	7653	7582	7312	6868	6266	5530	4781	4054
-35°	4579	4856	5026	5061	5026	4856	4579	4217	3766	3275	2886
-37.5°	3061	3197	3280	3320	3280	3197	3061	2874	2645	2372	2131
-40°	2169	2232	2268	2275	2268	2232	2169	2078	1954	1787	1634
-42.5°	1659	1691	1708	1712	1708	1691	1659	1607	1526	1428	1335
-45°	1340	1363	1377	1381	1377	1363	1340	1309	1265	1210	1150
-47.5°	1147	1161	1170	1173	1170	1161	1147	1127	1096	1053	1003
-50°	1012	1020	1023	1022	1023	1020	1012	1000	981	949	914
-52.5°	927	932	934	932	934	932	927	919	906	878	847
-55°	864	867	868	866	868	867	864	858	850	823	794
-57.5°	815	820	819	814	819	820	815	809	801	775	747
-60°	767	773	773	771	773	773	767	760	751	729	703
-62.5°	720	729	730	728	730	729	720	708	695	673	646
-65°	651	662	662	658	662	662	651	638	624	604	580
-67.5°	575	583	584	582	584	583	575	565	554	537	513
-70°	503	513	513	511	513	513	503	493	482	467	447
-72.5°	433	442	444	445	444	442	433	423	413	400	383
-75°	359	367	366	364	366	367	359	350	340	329	316
-77.5°	289	296	295	293	295	296	289	280	271	262	252
-80°	220	226	224	222	224	226	220	213	206	199	192
-82.5°	156	160	158	156	158	160	156	151	146	141	135
-85°	96	99	99	99	99	99	96	93	90	87	83
-87.5°	46	47	45	43	45	47	46	44	43	41	39
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627266 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-730-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	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	2	1	1	2	2	1	1	2	1	0	2
60°	17	11	15	15	12	9	13	11	5	4	3
57.5°	60	56	53	48	41	36	33	31	28	17	7
55°	131	117	102	92	86	73	61	53	49	40	26
52.5°	168	162	149	129	118	112	97	83	71	61	48
50°	221	217	205	185	168	153	141	122	104	89	72
47.5°	310	290	276	259	227	202	186	169	143	122	103
45°	390	363	339	317	289	256	227	204	181	156	136
42.5°	484	437	397	373	339	306	274	245	214	187	165
40°	630	550	499	449	408	360	328	294	257	219	196
37.5°	869	726	650	576	511	444	394	351	307	263	229
35°	1252	1043	861	742	645	550	473	416	363	314	266
32.5°	1773	1460	1166	968	794	662	564	489	417	362	312
30°	2618	2028	1563	1237	998	796	654	556	472	405	355
27.5°	3920	2831	2149	1594	1237	976	773	626	524	448	392
25°	5542	4082	2952	2150	1559	1189	918	724	587	489	432
22.5°	7585	5837	4266	2811	2058	1534	1127	824	655	558	482
20°	10103	7853	5889	4177	2813	1935	1385	996	775	640	537
17.5°	12580	10264	7644	5598	3865	2627	1750	1217	891	723	595
15°	15088	12357	9579	7182	4972	3206	2079	1430	1025	816	661
12.5°	17005	14165	11073	8452	5851	3822	2495	1702	1193	892	710
10°	18557	15614	12384	9449	6730	4453	2867	1905	1314	954	751
7.5°	19761	16653	13401	10303	7441	4977	3168	2064	1409	1009	784
5°	20721	17548	14221	11003	7999	5366	3401	2186	1478	1056	810
2.5°	21449	18209	14775	11464	8374	5637	3576	2289	1535	1100	834
0°	21842	18446	15249	11754	8618	5827	3694	2370	1575	1135	851
-2.5°	21905	18553	15195	11649	8607	5758	3666	2354	1581	1146	864
-5°	21323	18126	14762	11351	8322	5596	3591	2305	1568	1145	869
-7.5°	20689	17429	14062	10781	7834	5316	3448	2226	1542	1133	866
-10°	19726	16502	13294	10060	7209	4907	3202	2108	1491	1106	855
-12.5°	18338	15286	12290	9040	6448	4352	2868	1955	1415	1064	836
-15°	16627	13808	10858	8028	5657	3774	2522	1766	1313	1007	810
-17.5°	14850	12099	9301	6816	4740	3268	2276	1631	1224	955	778
-20°	12881	10246	7800	5613	3867	2702	1965	1467	1139	911	753

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REPORT NUMBER: P627266 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-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°	10625	8469	6312	4346	3156	2314	1717	1308	1042	856	723
-25°	8495	6678	4815	3537	2569	1911	1492	1192	971	806	690
-27.5°	6425	4833	3746	2776	2087	1648	1315	1069	893	766	664
-30°	4603	3646	2838	2179	1747	1404	1155	977	835	724	635
-32.5°	3299	2720	2142	1773	1453	1217	1039	891	780	688	612
-35°	2425	2044	1706	1453	1239	1079	936	829	733	652	589
-37.5°	1851	1592	1404	1223	1088	965	864	774	688	624	566
-40°	1477	1310	1183	1059	967	885	806	726	660	596	542
-42.5°	1237	1126	1023	950	879	820	756	693	631	572	518
-45°	1076	997	923	867	813	765	717	660	602	546	494
-47.5°	956	904	851	803	760	718	675	626	570	518	472
-50°	876	835	793	751	715	676	634	586	537	493	448
-52.5°	813	779	744	709	676	638	595	552	510	466	420
-55°	762	731	702	673	642	604	564	522	478	435	390
-57.5°	718	689	663	636	608	571	531	488	446	404	360
-60°	676	650	621	594	567	535	492	452	414	373	333
-62.5°	618	589	565	541	515	485	446	409	375	341	303
-65°	554	527	504	480	454	425	392	362	333	303	268
-67.5°	489	464	441	417	394	370	345	318	290	260	228
-70°	427	407	386	365	344	321	297	271	244	218	192
-72.5°	365	348	330	311	291	272	251	228	205	182	160
-75°	302	289	274	258	242	225	207	188	169	151	133
-77.5°	242	231	220	206	192	178	163	148	134	119	105
-80°	184	176	167	156	146	136	125	113	101	89	78
-82.5°	129	124	117	110	104	97	90	81	72	64	56
-85°	80	76	72	69	65	61	57	51	46	40	35
-87.5°	38	36	34	32	31	29	27	24	22	19	17
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627266 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-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	0	0	0	0	0	0	0	0
67.5°	0	0	0	1	2	1	0	1	1	0	0
65°	2	1	0	1	2	3	2	1	2	1	0
62.5°	3	4	3	2	3	4	4	3	2	2	1
60°	3	4	5	4	3	4	5	4	3	3	2
57.5°	6	5	5	5	4	4	5	5	4	4	3
55°	13	8	7	6	5	5	5	5	5	4	5
52.5°	33	18	11	9	7	5	5	5	5	5	5
50°	55	37	21	13	10	8	6	5	5	5	5
47.5°	81	59	38	21	14	10	8	7	5	5	5
45°	112	85	58	37	20	15	10	8	6	5	6
42.5°	145	114	83	52	35	23	12	10	7	5	6
40°	174	147	109	76	50	32	20	11	9	6	6
37.5°	203	177	141	100	66	46	29	13	11	8	7
35°	234	204	171	127	88	58	39	18	13	9	7
32.5°	264	231	195	153	109	70	50	28	17	11	7
30°	301	255	218	178	131	88	61	38	21	13	8
27.5°	339	278	239	199	152	106	72	47	25	16	9
25°	376	309	259	218	173	125	84	55	32	19	11
22.5°	413	341	279	236	192	144	99	65	39	23	12
20°	452	372	298	256	210	161	114	75	45	27	14
17.5°	495	405	329	278	227	177	129	85	51	31	15
15°	538	440	359	298	244	191	142	95	56	35	18
12.5°	575	470	386	319	261	203	154	106	61	39	21
10°	608	497	409	339	276	214	165	115	68	43	24
7.5°	636	521	429	358	290	226	174	123	76	46	28
5°	659	540	444	372	303	240	182	129	84	48	31
2.5°	677	556	455	383	313	253	188	133	92	50	35
0°	691	568	463	393	322	265	194	137	99	52	38
-2.5°	697	576	477	400	333	271	201	145	104	59	39
-5°	698	581	487	405	342	275	206	151	108	65	40
-7.5°	699	583	493	410	349	278	211	156	111	71	41
-10°	696	583	494	415	351	281	214	160	114	75	42
-12.5°	687	579	494	418	352	284	219	163	116	78	42
-15°	672	573	491	417	351	285	222	165	117	79	43
-17.5°	652	564	487	414	350	285	223	165	118	79	44
-20°	639	554	482	407	348	285	223	163	117	78	46

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REPORT NUMBER: P627266 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-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°	623	544	473	401	345	283	221	159	115	77	47
-25°	602	532	462	398	340	279	216	153	113	75	48
-27.5°	585	519	451	392	333	273	209	149	110	73	48
-30°	568	505	441	383	324	265	198	145	107	72	47
-32.5°	550	490	430	371	314	257	188	139	103	71	46
-35°	531	474	415	358	304	245	181	132	100	69	45
-37.5°	511	455	398	344	293	233	177	130	97	66	43
-40°	490	436	381	332	280	222	171	128	93	62	42
-42.5°	468	417	366	319	267	213	163	124	88	59	40
-45°	447	397	350	303	254	203	157	118	83	57	38
-47.5°	425	377	330	284	240	191	148	110	76	54	37
-50°	400	353	306	265	223	178	137	102	73	51	36
-52.5°	372	324	284	246	205	163	126	93	69	49	34
-55°	342	299	265	227	187	148	114	87	65	47	32
-57.5°	319	280	244	207	169	133	105	81	61	44	30
-60°	295	257	222	185	150	120	96	75	56	41	29
-62.5°	267	232	196	161	132	108	87	69	52	38	27
-65°	234	200	168	140	116	95	79	62	47	34	25
-67.5°	197	170	143	119	101	84	70	55	41	31	22
-70°	167	142	120	103	87	73	60	47	36	27	20
-72.5°	140	121	102	86	74	62	50	39	30	23	17
-75°	116	99	84	71	60	50	41	32	25	19	15
-77.5°	91	79	67	57	48	40	32	25	20	16	13
-80°	69	60	52	44	37	30	25	20	17	14	12
-82.5°	49	43	37	32	28	23	20	17	14	12	10
-85°	31	28	25	22	19	16	14	12	10	8	6
-87.5°	15	14	12	11	10	8	7	6	5	4	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA3E-730-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	0	0	0	0	0	0
72.5°	0	1	1	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	1	1	1	1	0	0	0
65°	1	2	2	1	0	0	0
62.5°	1	2	2	1	0	0	0
60°	1	2	3	2	0	0	0
57.5°	2	2	3	2	0	0	0
55°	3	2	3	3	1	0	0
52.5°	3	2	3	3	1	0	0
50°	4	3	3	4	1	0	0
47.5°	5	3	4	4	2	0	0
45°	5	4	4	5	2	0	0
42.5°	6	4	4	5	2	0	0
40°	6	4	4	5	2	0	0
37.5°	7	5	4	5	3	0	0
35°	7	5	4	5	3	0	0
32.5°	8	6	5	5	3	0	0
30°	8	6	5	5	3	0	0
27.5°	9	7	5	5	4	0	0
25°	9	7	5	5	4	0	0
22.5°	9	8	5	5	4	0	0
20°	9	8	5	5	4	0	0
17.5°	10	8	5	5	4	0	0
15°	10	9	5	5	4	0	0
12.5°	11	9	5	5	4	0	0
10°	11	9	5	5	5	0	0
7.5°	12	9	5	5	5	0	0
5°	13	9	5	5	5	0	0
2.5°	14	9	5	5	5	0	0
0°	14	10	5	5	5	0	0
-2.5°	17	10	5	5	5	0	0
-5°	19	10	6	5	5	0	0
-7.5°	21	11	6	5	5	0	0
-10°	23	11	6	5	5	0	0
-12.5°	25	12	7	5	5	0	0
-15°	26	12	7	5	4	1	0
-17.5°	27	12	7	5	4	1	0
-20°	27	12	7	5	4	1	0

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CATALOG NUMBER: GFLD-SA3E-730-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	27	12	7	5	4	1	0
-25°	27	13	7	5	4	1	0
-27.5°	27	14	7	5	4	1	0
-30°	26	15	7	5	4	1	0
-32.5°	26	15	7	5	4	1	0
-35°	26	15	8	5	4	1	0
-37.5°	26	16	8	5	4	1	0
-40°	26	16	8	5	4	1	0
-42.5°	26	16	8	5	4	1	0
-45°	25	16	8	5	4	1	0
-47.5°	24	15	9	5	4	1	0
-50°	24	15	9	5	4	1	0
-52.5°	23	14	9	6	4	1	0
-55°	22	14	9	6	4	1	0
-57.5°	21	14	8	6	4	1	0
-60°	20	13	8	6	4	1	0
-62.5°	19	12	8	6	4	1	0
-65°	17	11	8	6	4	1	0
-67.5°	15	11	8	6	3	1	0
-70°	14	10	8	6	3	1	0
-72.5°	13	10	7	5	3	1	0
-75°	12	9	7	4	2	1	0
-77.5°	11	8	6	4	2	0	0
-80°	10	7	5	3	2	0	0
-82.5°	7	5	4	2	1	0	0
-85°	5	4	2	2	1	0	0
-87.5°	2	2	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)