

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: P627286 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-740-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627286 (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-740-U-MWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22611.9 lumens
Efficiency: N/A
Efficacy: 122.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 31679 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 15145.4 lumens
Beam Efficiency: 67.0%

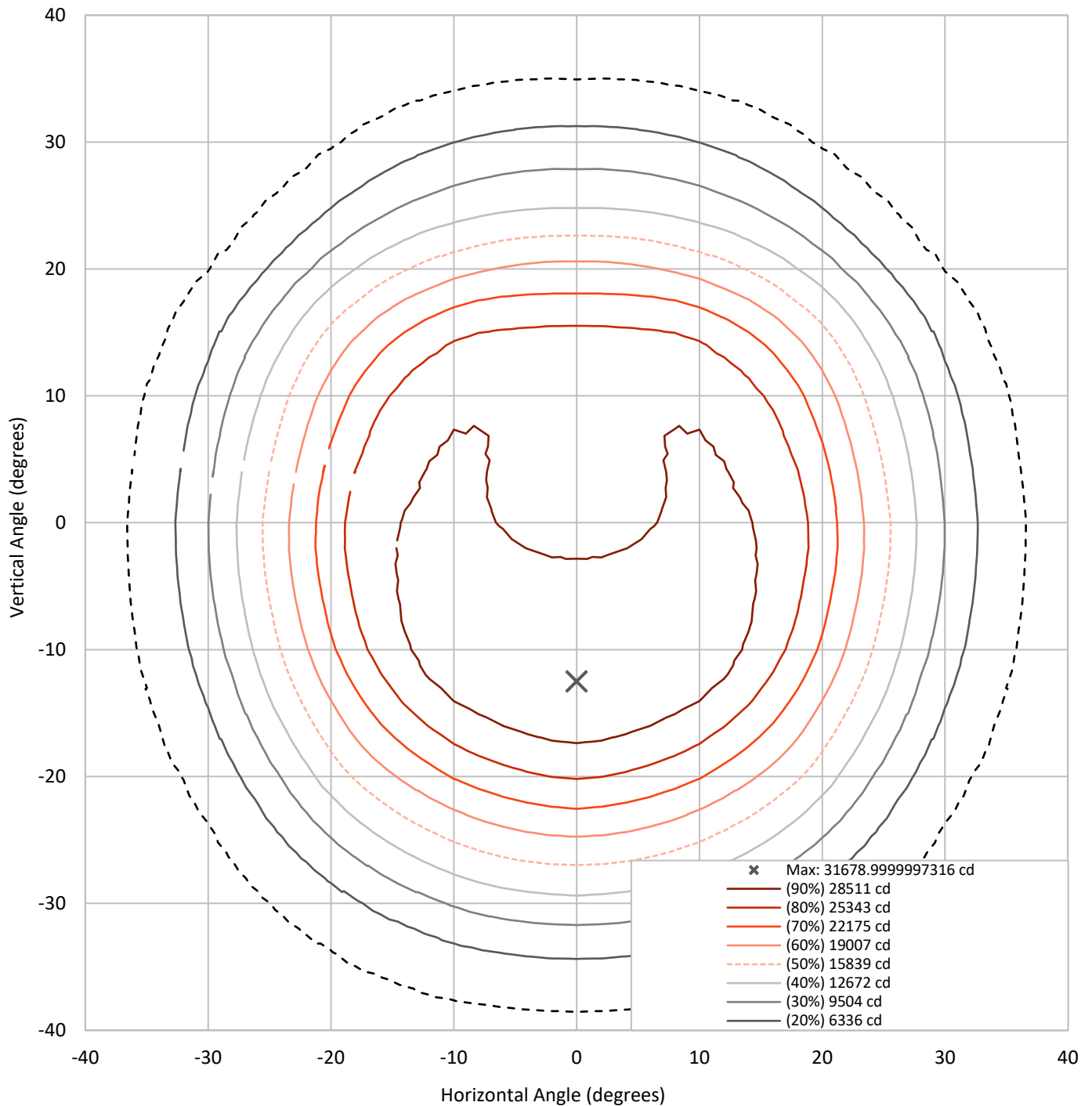
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 20381.2 lumens
Field Efficiency: 90.1%

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



REPORT NUMBER: P627286 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-740-U-MWR-VSR-XX

Iso-Candela Plot





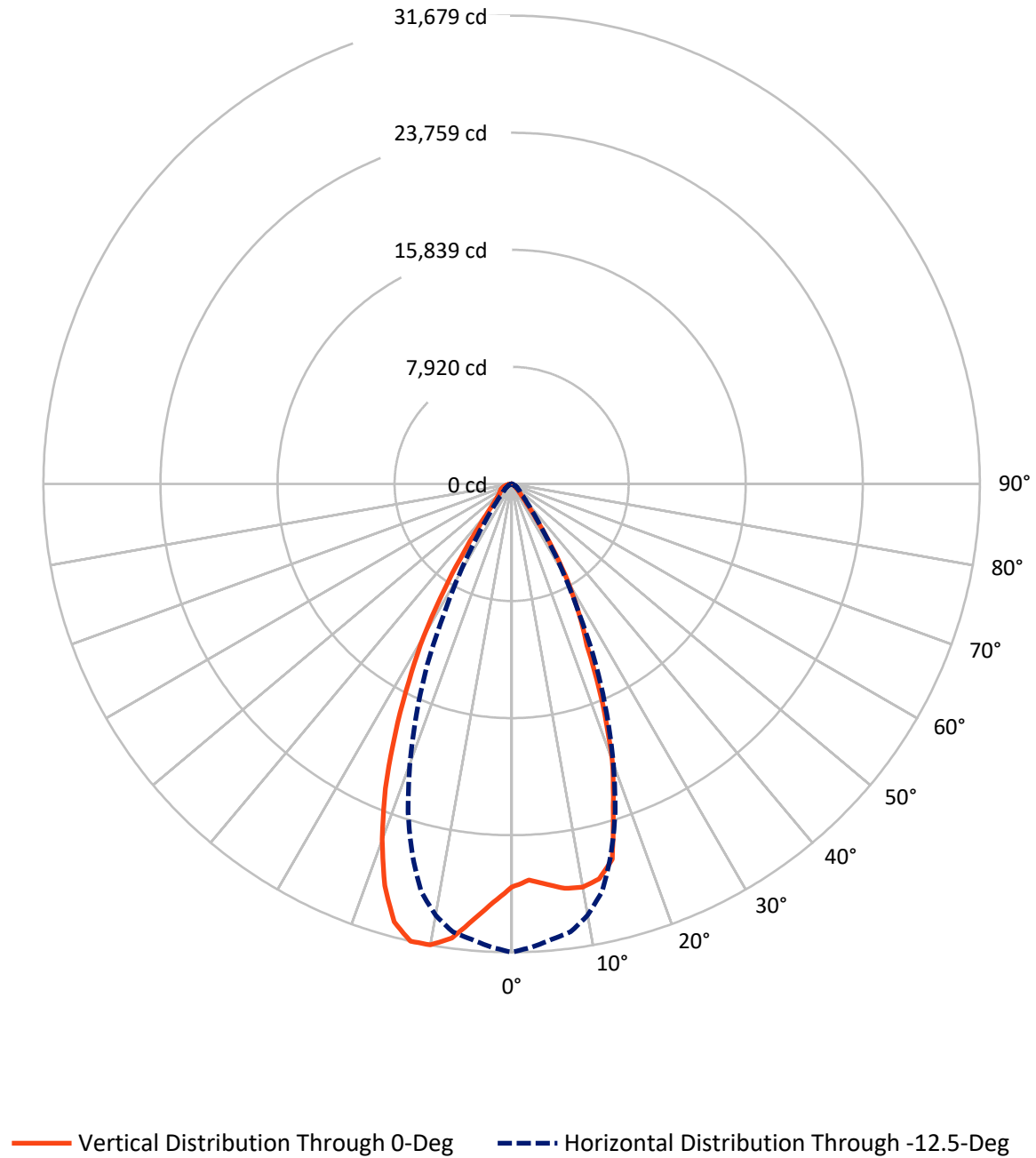
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Lumen Table

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	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0									
50		0.1	0.2	0.7	1.8	3.1	4.3	5.0	5.0	4.3	3.1	1.8	0.7	0.2		0.1								
40	0.1	0.1	0.9	3.2	6.4	10.4	15.5	19.0	19.0	15.5	10.4	6.4	3.2	0.9	0.1	0.1								
30		0.4	2.5	6.6	13.6	29.4	66.7	101.9	101.9	66.7	29.4	13.6	6.6	2.5	0.4									
20	0.2	0.9	4.2	10.6	28.4	105.1	270.7	378.3	378.3	270.7	105.1	28.4	10.6	4.2	0.9	0.2								
10		1.5	5.9	16.3	67.5	291.9	609.0	754.0	754.0	609.0	291.9	67.5	16.3	5.9	1.5									
0	0.5	2.0	7.3	21.1	107.5	429.8	785.1	851.2	851.2	785.1	429.8	107.5	21.1	7.3	2.0	0.5								
-10		2.3	8.0	22.5	112.5	444.0	813.4	903.4	903.4	813.4	444.0	112.5	22.5	8.0	2.3									
-20	0.6	2.5	8.2	20.5	80.5	330.5	686.2	876.2	876.2	686.2	330.5	80.5	20.5	8.2	2.5	0.6								
-30		2.4	7.8	17.0	45.0	160.4	382.4	538.0	538.0	382.4	160.4	45.0	17.0	7.8	2.4									
-40	0.6	2.1	6.9	14.1	26.8	57.1	119.5	177.3	177.3	119.5	57.1	26.8	14.1	6.9	2.1	0.6								
-50		1.8	5.8	11.8	19.6	29.0	40.8	48.3	48.3	40.8	29.0	19.6	11.8	5.8	1.8									
-60	0.4	1.3	4.4	9.3	15.4	21.3	26.6	29.2	29.2	26.6	21.3	15.4	9.3	4.4	1.3	0.4								
-70		0.9	2.8	6.3	10.8	15.3	19.4	21.6	21.6	19.4	15.3	10.8	6.3	2.8	0.9									
-80	0.2	2.5	11.4	24.2	31.1	24.2	11.4	2.5	0.2															
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90					

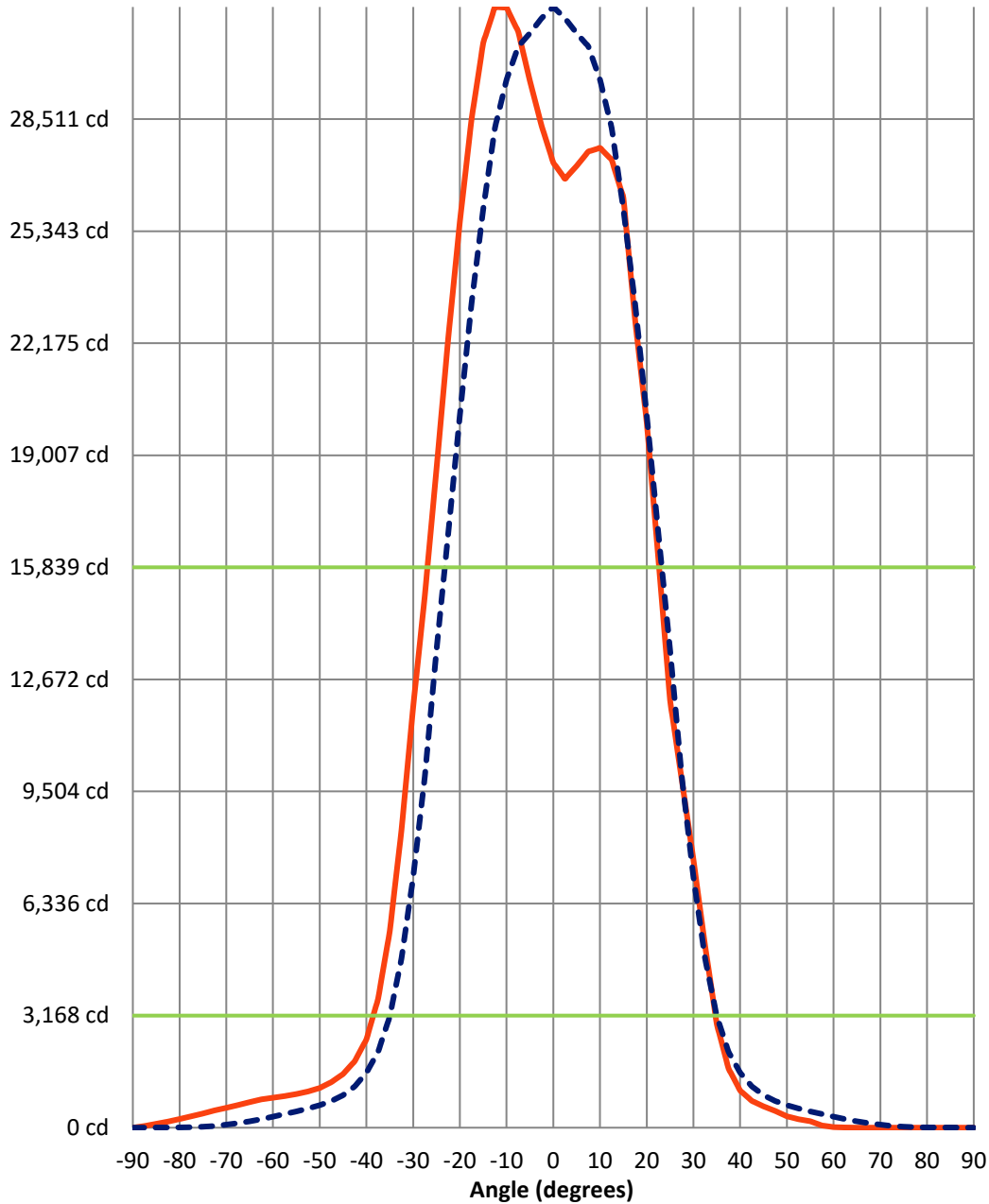
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 15145.4
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 20381.2
 Efficiency: 90.1%

Spill:
 Lumens: 2230.7
 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	2	2	1	0	0	1	1
65°	0	0	0	1	2	2	1	0	1	2	2
62.5°	0	0	0	2	3	2	1	1	2	3	3
60°	0	0	0	2	3	2	1	2	4	4	5
57.5°	0	0	0	3	3	2	2	4	4	5	5
55°	0	0	1	3	4	2	3	5	5	5	5
52.5°	0	0	1	4	4	3	4	5	5	5	5
50°	0	0	1	4	4	3	5	6	5	5	6
47.5°	0	0	2	5	4	4	5	6	5	5	7
45°	0	0	2	5	4	4	6	6	5	6	9
42.5°	0	0	2	5	4	5	6	7	6	8	10
40°	0	0	3	5	4	5	7	7	7	10	12
37.5°	0	0	3	5	5	5	7	7	8	12	14
35°	0	0	3	5	5	6	8	8	10	15	19
32.5°	0	0	4	5	5	6	9	8	12	18	31
30°	0	0	4	5	5	7	9	9	14	23	42
27.5°	0	0	4	5	5	7	9	10	17	28	51
25°	0	0	4	5	5	8	10	12	21	35	60
22.5°	0	0	4	5	5	8	10	14	25	43	71
20°	0	0	5	5	5	9	10	15	29	50	82
17.5°	0	0	5	5	5	9	11	17	34	56	93
15°	0	0	5	5	5	10	11	19	38	62	105
12.5°	0	0	5	5	5	10	12	23	43	67	116
10°	0	0	5	5	5	10	13	27	47	75	126
7.5°	0	0	5	5	5	10	13	31	50	84	135
5°	0	0	5	5	5	10	14	34	53	93	141
2.5°	0	0	5	5	5	10	15	38	55	101	146
0°	0	0	5	5	5	10	16	42	57	109	151
-2.5°	0	0	5	5	6	11	18	43	64	114	159
-5°	0	0	5	5	6	11	21	44	71	118	166
-7.5°	0	0	5	5	7	12	23	45	77	122	171
-10°	0	0	5	5	7	12	25	46	82	125	176
-12.5°	0	1	5	5	7	13	27	47	86	127	179
-15°	0	1	5	5	8	13	28	47	87	129	181
-17.5°	0	1	5	5	8	13	29	49	87	129	181
-20°	0	1	5	5	8	13	30	51	86	128	179

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REPORT NUMBER: P627286 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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	1	5	5	8	13	30	52	84	127	174
-25°	0	1	5	5	8	14	30	53	82	124	168
-27.5°	0	1	5	5	8	15	29	53	80	121	164
-30°	0	1	5	5	8	16	29	52	79	117	159
-32.5°	0	1	4	5	8	17	28	51	78	114	152
-35°	0	1	4	5	8	17	28	49	76	110	145
-37.5°	0	1	4	5	9	17	29	48	73	107	143
-40°	0	1	4	5	9	17	29	46	69	102	140
-42.5°	0	1	4	5	9	17	28	44	65	97	136
-45°	0	1	4	6	9	17	28	42	62	91	129
-47.5°	0	1	4	6	9	17	27	41	59	84	121
-50°	0	1	4	6	10	16	26	39	56	80	112
-52.5°	0	1	4	6	10	16	25	37	54	76	102
-55°	0	1	4	6	10	15	24	35	51	71	96
-57.5°	0	1	4	6	9	15	23	33	48	67	89
-60°	0	1	5	6	9	14	22	32	45	62	82
-62.5°	0	1	4	6	9	13	20	29	41	57	75
-65°	0	1	4	6	9	12	19	27	38	51	68
-67.5°	0	1	4	6	9	12	17	24	34	46	60
-70°	0	1	3	6	8	11	15	21	30	39	52
-72.5°	0	1	3	6	8	11	14	18	25	33	43
-75°	0	1	3	5	8	10	13	16	21	27	35
-77.5°	0	1	2	4	7	9	12	15	18	22	27
-80°	0	0	2	3	5	8	10	13	16	19	22
-82.5°	0	0	1	3	4	6	8	10	13	16	18
-85°	0	0	1	2	3	4	5	7	9	11	13
-87.5°	0	0	0	1	1	2	3	4	4	5	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627286 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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	0	0	0	0	0	0	0	0
67.5°	0	1	2	1	0	0	0	0	0	0	0
65°	3	3	3	1	0	1	2	1	0	0	0
62.5°	5	4	3	2	3	4	3	2	0	1	2
60°	5	4	4	4	5	5	3	4	4	5	12
57.5°	5	5	5	6	6	5	6	7	19	31	34
55°	5	5	6	7	8	9	14	29	43	54	58
52.5°	6	6	8	10	12	20	36	53	67	77	91
50°	7	8	11	14	23	40	60	79	97	114	134
47.5°	9	11	16	23	42	65	89	113	134	157	186
45°	11	17	22	40	64	93	123	150	171	199	224
42.5°	13	25	38	57	91	126	159	181	206	235	269
40°	22	36	54	84	120	161	191	215	240	282	323
37.5°	32	50	72	110	154	194	223	252	289	337	386
35°	43	64	96	139	188	224	257	293	344	399	457
32.5°	55	77	120	168	214	254	290	343	397	458	537
30°	67	97	143	196	239	280	331	390	444	518	611
27.5°	79	117	167	219	263	306	372	430	492	576	687
25°	92	138	190	239	285	339	413	474	537	644	795
22.5°	109	158	211	259	306	375	453	529	612	719	905
20°	126	177	231	282	327	409	497	590	703	851	1094
17.5°	141	194	250	305	362	445	543	654	794	979	1336
15°	156	209	268	328	394	483	591	726	896	1126	1570
12.5°	169	223	286	350	423	517	632	779	980	1310	1869
10°	181	235	303	372	449	546	668	824	1048	1443	2092
7.5°	191	248	319	393	471	572	699	861	1108	1547	2266
5°	199	264	333	408	488	594	724	889	1159	1623	2401
2.5°	207	278	344	421	500	610	744	916	1208	1686	2514
0°	213	291	353	431	509	623	758	935	1247	1730	2602
-2.5°	220	297	366	439	524	632	765	949	1259	1736	2585
-5°	226	302	376	445	535	638	767	954	1257	1722	2531
-7.5°	231	305	383	450	541	640	768	951	1244	1693	2445
-10°	235	308	386	456	543	640	764	939	1215	1637	2315
-12.5°	240	311	386	459	542	636	754	919	1168	1554	2147
-15°	243	313	386	458	540	629	738	889	1106	1442	1940
-17.5°	245	313	384	454	535	619	716	854	1049	1344	1791
-20°	245	312	382	447	529	609	701	827	1001	1250	1611

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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°	242	310	379	440	519	598	684	794	940	1144	1436
-25°	237	306	374	437	507	585	662	758	886	1066	1309
-27.5°	229	300	366	430	495	570	642	730	841	981	1174
-30°	218	291	356	420	484	554	623	698	795	917	1073
-32.5°	206	282	345	408	472	538	604	672	756	857	979
-35°	199	269	334	393	456	520	583	647	716	805	910
-37.5°	194	256	322	378	437	500	561	622	685	756	850
-40°	187	243	308	364	418	479	538	595	654	725	797
-42.5°	179	234	293	351	402	458	514	569	628	693	761
-45°	172	223	279	332	384	436	491	542	600	661	725
-47.5°	162	210	264	311	362	414	467	518	569	626	687
-50°	151	196	245	291	336	388	440	492	542	590	643
-52.5°	139	179	226	270	312	355	409	462	511	560	606
-55°	125	163	205	249	291	329	375	428	478	525	573
-57.5°	115	147	185	227	268	308	350	395	444	489	536
-60°	106	132	164	203	244	283	324	366	410	454	496
-62.5°	96	118	145	177	215	255	293	332	374	412	449
-65°	87	105	127	154	184	220	257	295	332	366	398
-67.5°	76	93	111	131	157	187	217	251	286	318	349
-70°	66	80	96	113	132	156	184	211	239	268	298
-72.5°	55	68	81	95	112	132	154	176	200	225	251
-75°	45	55	66	78	93	109	127	146	165	185	206
-77.5°	35	44	53	62	73	86	100	116	131	147	163
-80°	27	33	41	48	57	66	76	86	98	111	124
-82.5°	22	26	30	35	41	47	54	61	70	79	89
-85°	16	18	21	24	27	31	35	39	44	50	56
-87.5°	8	9	10	12	13	15	17	18	21	24	27
-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°	2	2	2	2	1	1	3	3	4	4	4
60°	14	10	13	17	16	12	18	21	19	16	16
57.5°	36	39	45	53	58	62	66	72	76	78	80
55°	67	80	94	101	112	129	144	145	148	151	160
52.5°	107	122	129	142	164	178	185	197	210	222	234
50°	155	168	184	204	225	239	243	264	290	311	324
47.5°	204	221	250	285	303	318	340	368	396	427	451
45°	249	281	317	348	372	399	428	462	507	549	582
42.5°	301	336	373	409	435	480	531	571	636	692	728
40°	361	396	448	493	547	604	692	773	855	949	1018
37.5°	433	487	561	633	714	797	954	1114	1245	1429	1532
35°	519	604	708	815	945	1146	1375	1685	2007	2275	2533
32.5°	620	727	872	1063	1281	1603	1947	2518	3074	3629	4174
30°	718	875	1096	1358	1716	2227	2875	3757	4712	5548	6305
27.5°	849	1072	1358	1751	2360	3109	4305	5530	6746	7831	8611
25°	1008	1306	1712	2361	3241	4482	6086	7587	9014	10079	10975
22.5°	1237	1684	2260	3087	4685	6410	8329	10218	11821	13163	14047
20°	1521	2125	3089	4587	6467	8624	11094	13081	15055	16565	17913
17.5°	1922	2885	4245	6148	8394	11272	13815	16031	18538	20080	21456
15°	2283	3521	5459	7887	10519	13570	16569	19282	21702	23398	24935
12.5°	2739	4197	6425	9281	12160	15556	18674	21579	23949	25694	26769
10°	3149	4890	7390	10377	13599	17147	20379	23402	25698	27047	27838
7.5°	3479	5466	8172	11315	14717	18288	21701	24702	26899	28027	28567
5°	3735	5893	8784	12083	15617	19271	22755	25692	27542	28475	28777
2.5°	3927	6190	9196	12589	16225	19997	23554	26449	28028	28701	28800
0°	4057	6399	9464	12907	16746	20257	23986	26926	28427	28968	29020
-2.5°	4026	6324	9452	12792	16686	20374	24055	26957	28563	29289	29407
-5°	3944	6146	9138	12465	16211	19905	23416	26480	28451	29547	30033
-7.5°	3786	5838	8603	11839	15443	19140	22720	25899	28167	29709	30660
-10°	3517	5389	7917	11048	14599	18122	21662	24960	27403	29260	30583
-12.5°	3149	4779	7081	9927	13497	16786	20137	23298	25964	28254	29622
-15°	2770	4145	6212	8816	11924	15163	18259	21361	23993	26134	27840
-17.5°	2500	3589	5206	7485	10214	13287	16308	19156	21532	23545	25333
-20°	2158	2967	4247	6163	8566	11252	14146	16681	18803	20690	22399

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REPORT NUMBER: P627286 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	1886	2541	3465	4773	6931	9300	11667	14002	15996	17676	19135
-25°	1639	2098	2821	3884	5288	7334	9328	11300	13141	14703	16017
-27.5°	1444	1810	2292	3049	4114	5308	7055	8703	10286	11714	12953
-30°	1268	1542	1919	2392	3117	4004	5055	6287	7549	8677	9802
-32.5°	1141	1336	1595	1947	2352	2987	3623	4452	5251	6073	6881
-35°	1027	1184	1361	1596	1874	2244	2663	3169	3597	4135	4631
-37.5°	949	1060	1194	1343	1542	1749	2032	2340	2605	2904	3157
-40°	885	971	1062	1163	1299	1439	1622	1795	1963	2146	2282
-42.5°	830	900	966	1043	1124	1236	1359	1467	1569	1676	1765
-45°	788	840	893	953	1014	1095	1182	1263	1329	1389	1438
-47.5°	742	788	835	881	934	993	1050	1101	1157	1203	1237
-50°	696	743	785	825	871	917	962	1003	1043	1077	1098
-52.5°	653	700	742	779	817	855	893	930	964	995	1009
-55°	620	663	706	739	771	803	837	871	904	933	942
-57.5°	583	627	668	699	728	757	788	820	851	879	888
-60°	541	588	623	652	682	714	743	772	800	824	834
-62.5°	490	532	565	594	621	647	678	709	739	763	778
-65°	431	467	498	527	554	579	608	637	664	685	700
-67.5°	378	407	433	458	484	510	537	564	589	608	620
-70°	326	353	377	401	424	447	469	491	513	529	542
-72.5°	276	299	320	341	362	382	401	420	439	453	465
-75°	228	247	266	284	301	317	332	347	361	373	384
-77.5°	179	196	211	226	241	254	266	277	288	298	308
-80°	137	149	160	172	183	193	202	210	219	227	234
-82.5°	99	106	114	121	129	136	142	148	154	160	166
-85°	63	67	71	75	79	83	87	91	95	99	102
-87.5°	30	32	34	36	38	40	41	43	45	47	49
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627286 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	5	5	5	5	5	5	5	4	4	4	3
60°	16	15	15	16	15	15	16	16	16	19	21
57.5°	78	73	68	62	68	73	78	80	78	76	72
55°	170	179	183	182	183	179	170	160	151	148	145
52.5°	241	246	244	239	244	246	241	234	222	210	197
50°	330	330	327	322	327	330	330	324	311	290	264
47.5°	463	470	473	473	473	470	463	451	427	396	368
45°	594	601	603	603	603	601	594	582	549	507	462
42.5°	747	758	762	758	762	758	747	728	692	636	571
40°	1058	1072	1065	1049	1065	1072	1058	1018	949	855	773
37.5°	1603	1655	1677	1678	1677	1655	1603	1532	1429	1245	1114
35°	2766	2951	3036	2930	3036	2951	2766	2533	2275	2007	1685
32.5°	4619	4947	5132	5132	5132	4947	4619	4174	3629	3074	2518
30°	6877	7288	7519	7568	7519	7288	6877	6305	5548	4712	3757
27.5°	9219	9644	9865	9833	9865	9644	9219	8611	7831	6746	5530
25°	11570	11891	12076	12082	12076	11891	11570	10975	10079	9014	7587
22.5°	15041	15718	15996	16071	15996	15718	15041	14047	13163	11821	10218
20°	18826	19481	19905	19930	19905	19481	18826	17913	16565	15055	13081
17.5°	22431	22757	22817	22844	22817	22757	22431	21456	20080	18538	16031
15°	25830	25944	26245	26282	26245	25944	25830	24935	23398	21702	19282
12.5°	27445	27549	27497	27358	27497	27549	27445	26769	25694	23949	21579
10°	28324	28177	27958	27695	27958	28177	28324	27838	27047	25698	23402
7.5°	28523	28360	27974	27591	27974	28360	28523	28567	28027	26899	24702
5°	28618	28139	27651	27186	27651	28139	28618	28777	28475	27542	25692
2.5°	28562	27992	27322	26823	27322	27992	28562	28800	28701	28028	26449
0°	28744	28168	27467	27280	27467	28168	28744	29020	28968	28427	26926
-2.5°	29252	28784	28418	28318	28418	28784	29252	29407	29289	28563	26957
-5°	30165	30062	29440	29586	29440	30062	30165	30033	29547	28451	26480
-7.5°	31047	30900	30637	30978	30637	30900	31047	30660	29709	28167	25899
-10°	31281	31233	31356	31658	31356	31233	31281	30583	29260	27403	24960
-12.5°	30562	30939	31361	31679	31361	30939	30562	29622	28254	25964	23298
-15°	28960	29730	30361	30661	30361	29730	28960	27840	26134	23993	21361
-17.5°	26600	27544	28292	28505	28292	27544	26600	25333	23545	21532	19156
-20°	23694	24655	25335	25607	25335	24655	23694	22399	20690	18803	16681

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REPORT NUMBER: P627286 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	20424	21362	21979	22304	21979	21362	20424	19135	17676	15996	14002
-25°	17105	17929	18477	18621	18477	17929	17105	16017	14703	13141	11300
-27.5°	13931	14594	14998	15042	14998	14594	13931	12953	11714	10286	8703
-30°	10738	11354	11704	11889	11704	11354	10738	9802	8677	7549	6287
-32.5°	7542	8030	8326	8404	8326	8030	7542	6881	6073	5251	4452
-35°	5028	5332	5520	5558	5520	5332	5028	4631	4135	3597	3169
-37.5°	3362	3510	3602	3646	3602	3510	3362	3157	2904	2605	2340
-40°	2382	2451	2490	2498	2490	2451	2382	2282	2146	1963	1795
-42.5°	1822	1857	1875	1880	1875	1857	1822	1765	1676	1569	1467
-45°	1472	1497	1512	1517	1512	1497	1472	1438	1389	1329	1263
-47.5°	1259	1275	1285	1288	1285	1275	1259	1237	1203	1157	1101
-50°	1111	1120	1123	1122	1123	1120	1111	1098	1077	1043	1003
-52.5°	1017	1024	1025	1023	1025	1024	1017	1009	995	964	930
-55°	948	952	953	951	953	952	948	942	933	904	871
-57.5°	895	900	899	893	899	900	895	888	879	851	820
-60°	842	849	849	847	849	849	842	834	824	800	772
-62.5°	790	800	802	800	802	800	790	778	763	739	709
-65°	714	727	727	722	727	727	714	700	685	664	637
-67.5°	631	640	641	639	641	640	631	620	608	589	564
-70°	553	563	563	561	563	563	553	542	529	513	491
-72.5°	476	485	488	488	488	485	476	465	453	439	420
-75°	394	403	402	400	402	403	394	384	373	361	347
-77.5°	317	325	324	322	324	325	317	308	298	288	277
-80°	241	248	246	244	246	248	241	234	227	219	210
-82.5°	171	176	174	171	174	176	171	166	160	154	148
-85°	106	109	109	109	109	109	106	102	99	95	91
-87.5°	50	52	49	47	49	52	50	49	47	45	43
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627286 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	3	1	1	2	2	2	2	2	1	0	2
60°	18	12	16	17	13	10	14	12	5	4	4
57.5°	66	62	58	53	45	39	36	34	31	19	7
55°	144	129	112	101	94	80	67	58	54	43	29
52.5°	185	178	164	142	129	122	107	91	77	67	53
50°	243	239	225	204	184	168	155	134	114	97	79
47.5°	340	318	303	285	250	221	204	186	157	134	113
45°	428	399	372	348	317	281	249	224	199	171	150
42.5°	531	480	435	409	373	336	301	269	235	206	181
40°	692	604	547	493	448	396	361	323	282	240	215
37.5°	954	797	714	633	561	487	433	386	337	289	252
35°	1375	1146	945	815	708	604	519	457	399	344	293
32.5°	1947	1603	1281	1063	872	727	620	537	458	397	343
30°	2875	2227	1716	1358	1096	875	718	611	518	444	390
27.5°	4305	3109	2360	1751	1358	1072	849	687	576	492	430
25°	6086	4482	3241	2361	1712	1306	1008	795	644	537	474
22.5°	8329	6410	4685	3087	2260	1684	1237	905	719	612	529
20°	11094	8624	6467	4587	3089	2125	1521	1094	851	703	590
17.5°	13815	11272	8394	6148	4245	2885	1922	1336	979	794	654
15°	16569	13570	10519	7887	5459	3521	2283	1570	1126	896	726
12.5°	18674	15556	12160	9281	6425	4197	2739	1869	1310	980	779
10°	20379	17147	13599	10377	7390	4890	3149	2092	1443	1048	824
7.5°	21701	18288	14717	11315	8172	5466	3479	2266	1547	1108	861
5°	22755	19271	15617	12083	8784	5893	3735	2401	1623	1159	889
2.5°	23554	19997	16225	12589	9196	6190	3927	2514	1686	1208	916
0°	23986	20257	16746	12907	9464	6399	4057	2602	1730	1247	935
-2.5°	24055	20374	16686	12792	9452	6324	4026	2585	1736	1259	949
-5°	23416	19905	16211	12465	9138	6146	3944	2531	1722	1257	954
-7.5°	22720	19140	15443	11839	8603	5838	3786	2445	1693	1244	951
-10°	21662	18122	14599	11048	7917	5389	3517	2315	1637	1215	939
-12.5°	20137	16786	13497	9927	7081	4779	3149	2147	1554	1168	919
-15°	18259	15163	11924	8816	6212	4145	2770	1940	1442	1106	889
-17.5°	16308	13287	10214	7485	5206	3589	2500	1791	1344	1049	854
-20°	14146	11252	8566	6163	4247	2967	2158	1611	1250	1001	827

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REPORT NUMBER: P627286 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	11667	9300	6931	4773	3465	2541	1886	1436	1144	940	794
-25°	9328	7334	5288	3884	2821	2098	1639	1309	1066	886	758
-27.5°	7055	5308	4114	3049	2292	1810	1444	1174	981	841	730
-30°	5055	4004	3117	2392	1919	1542	1268	1073	917	795	698
-32.5°	3623	2987	2352	1947	1595	1336	1141	979	857	756	672
-35°	2663	2244	1874	1596	1361	1184	1027	910	805	716	647
-37.5°	2032	1749	1542	1343	1194	1060	949	850	756	685	622
-40°	1622	1439	1299	1163	1062	971	885	797	725	654	595
-42.5°	1359	1236	1124	1043	966	900	830	761	693	628	569
-45°	1182	1095	1014	953	893	840	788	725	661	600	542
-47.5°	1050	993	934	881	835	788	742	687	626	569	518
-50°	962	917	871	825	785	743	696	643	590	542	492
-52.5°	893	855	817	779	742	700	653	606	560	511	462
-55°	837	803	771	739	706	663	620	573	525	478	428
-57.5°	788	757	728	699	668	627	583	536	489	444	395
-60°	743	714	682	652	623	588	541	496	454	410	366
-62.5°	678	647	621	594	565	532	490	449	412	374	332
-65°	608	579	554	527	498	467	431	398	366	332	295
-67.5°	537	510	484	458	433	407	378	349	318	286	251
-70°	469	447	424	401	377	353	326	298	268	239	211
-72.5°	401	382	362	341	320	299	276	251	225	200	176
-75°	332	317	301	284	266	247	228	206	185	165	146
-77.5°	266	254	241	226	211	196	179	163	147	131	116
-80°	202	193	183	172	160	149	137	124	111	98	86
-82.5°	142	136	129	121	114	106	99	89	79	70	61
-85°	87	83	79	75	71	67	63	56	50	44	39
-87.5°	41	40	38	36	34	32	30	27	24	21	18
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627286 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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	0	1	0	0	0	0	0	0
67.5°	0	0	0	1	2	1	0	1	1	0	0
65°	2	1	0	1	3	3	3	2	2	1	0
62.5°	3	4	3	2	3	4	5	3	3	2	1
60°	3	5	5	4	4	4	5	5	4	4	2
57.5°	6	5	6	6	5	5	5	5	5	4	4
55°	14	9	8	7	6	5	5	5	5	5	5
52.5°	36	20	12	10	8	6	6	5	5	5	5
50°	60	40	23	14	11	8	7	6	5	5	6
47.5°	89	65	42	23	16	11	9	7	5	5	6
45°	123	93	64	40	22	17	11	9	6	5	6
42.5°	159	126	91	57	38	25	13	10	8	6	7
40°	191	161	120	84	54	36	22	12	10	7	7
37.5°	223	194	154	110	72	50	32	14	12	8	7
35°	257	224	188	139	96	64	43	19	15	10	8
32.5°	290	254	214	168	120	77	55	31	18	12	8
30°	331	280	239	196	143	97	67	42	23	14	9
27.5°	372	306	263	219	167	117	79	51	28	17	10
25°	413	339	285	239	190	138	92	60	35	21	12
22.5°	453	375	306	259	211	158	109	71	43	25	14
20°	497	409	327	282	231	177	126	82	50	29	15
17.5°	543	445	362	305	250	194	141	93	56	34	17
15°	591	483	394	328	268	209	156	105	62	38	19
12.5°	632	517	423	350	286	223	169	116	67	43	23
10°	668	546	449	372	303	235	181	126	75	47	27
7.5°	699	572	471	393	319	248	191	135	84	50	31
5°	724	594	488	408	333	264	199	141	93	53	34
2.5°	744	610	500	421	344	278	207	146	101	55	38
0°	758	623	509	431	353	291	213	151	109	57	42
-2.5°	765	632	524	439	366	297	220	159	114	64	43
-5°	767	638	535	445	376	302	226	166	118	71	44
-7.5°	768	640	541	450	383	305	231	171	122	77	45
-10°	764	640	543	456	386	308	235	176	125	82	46
-12.5°	754	636	542	459	386	311	240	179	127	86	47
-15°	738	629	540	458	386	313	243	181	129	87	47
-17.5°	716	619	535	454	384	313	245	181	129	87	49
-20°	701	609	529	447	382	312	245	179	128	86	51

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CATALOG NUMBER: GFLD-SA3E-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°	684	598	519	440	379	310	242	174	127	84	52
-25°	662	585	507	437	374	306	237	168	124	82	53
-27.5°	642	570	495	430	366	300	229	164	121	80	53
-30°	623	554	484	420	356	291	218	159	117	79	52
-32.5°	604	538	472	408	345	282	206	152	114	78	51
-35°	583	520	456	393	334	269	199	145	110	76	49
-37.5°	561	500	437	378	322	256	194	143	107	73	48
-40°	538	479	418	364	308	243	187	140	102	69	46
-42.5°	514	458	402	351	293	234	179	136	97	65	44
-45°	491	436	384	332	279	223	172	129	91	62	42
-47.5°	467	414	362	311	264	210	162	121	84	59	41
-50°	440	388	336	291	245	196	151	112	80	56	39
-52.5°	409	355	312	270	226	179	139	102	76	54	37
-55°	375	329	291	249	205	163	125	96	71	51	35
-57.5°	350	308	268	227	185	147	115	89	67	48	33
-60°	324	283	244	203	164	132	106	82	62	45	32
-62.5°	293	255	215	177	145	118	96	75	57	41	29
-65°	257	220	184	154	127	105	87	68	51	38	27
-67.5°	217	187	157	131	111	93	76	60	46	34	24
-70°	184	156	132	113	96	80	66	52	39	30	21
-72.5°	154	132	112	95	81	68	55	43	33	25	18
-75°	127	109	93	78	66	55	45	35	27	21	16
-77.5°	100	86	73	62	53	44	35	27	22	18	15
-80°	76	66	57	48	41	33	27	22	19	16	13
-82.5°	54	47	41	35	30	26	22	18	16	13	10
-85°	35	31	27	24	21	18	16	13	11	9	7
-87.5°	17	15	13	12	10	9	8	7	5	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627286 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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	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	2	2	1	0	0	0
65°	1	2	2	1	0	0	0
62.5°	1	2	3	2	0	0	0
60°	1	2	3	2	0	0	0
57.5°	2	2	3	3	0	0	0
55°	3	2	4	3	1	0	0
52.5°	4	3	4	4	1	0	0
50°	5	3	4	4	1	0	0
47.5°	5	4	4	5	2	0	0
45°	6	4	4	5	2	0	0
42.5°	6	5	4	5	2	0	0
40°	7	5	4	5	3	0	0
37.5°	7	5	5	5	3	0	0
35°	8	6	5	5	3	0	0
32.5°	9	6	5	5	4	0	0
30°	9	7	5	5	4	0	0
27.5°	9	7	5	5	4	0	0
25°	10	8	5	5	4	0	0
22.5°	10	8	5	5	4	0	0
20°	10	9	5	5	5	0	0
17.5°	11	9	5	5	5	0	0
15°	11	10	5	5	5	0	0
12.5°	12	10	5	5	5	0	0
10°	13	10	5	5	5	0	0
7.5°	13	10	5	5	5	0	0
5°	14	10	5	5	5	0	0
2.5°	15	10	5	5	5	0	0
0°	16	10	5	5	5	0	0
-2.5°	18	11	6	5	5	0	0
-5°	21	11	6	5	5	0	0
-7.5°	23	12	7	5	5	0	0
-10°	25	12	7	5	5	0	0
-12.5°	27	13	7	5	5	1	0
-15°	28	13	8	5	5	1	0
-17.5°	29	13	8	5	5	1	0
-20°	30	13	8	5	5	1	0

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CATALOG NUMBER: GFLD-SA3E-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	30	13	8	5	5	1	0
-25°	30	14	8	5	5	1	0
-27.5°	29	15	8	5	5	1	0
-30°	29	16	8	5	5	1	0
-32.5°	28	17	8	5	4	1	0
-35°	28	17	8	5	4	1	0
-37.5°	29	17	9	5	4	1	0
-40°	29	17	9	5	4	1	0
-42.5°	28	17	9	5	4	1	0
-45°	28	17	9	6	4	1	0
-47.5°	27	17	9	6	4	1	0
-50°	26	16	10	6	4	1	0
-52.5°	25	16	10	6	4	1	0
-55°	24	15	10	6	4	1	0
-57.5°	23	15	9	6	4	1	0
-60°	22	14	9	6	5	1	0
-62.5°	20	13	9	6	4	1	0
-65°	19	12	9	6	4	1	0
-67.5°	17	12	9	6	4	1	0
-70°	15	11	8	6	3	1	0
-72.5°	14	11	8	6	3	1	0
-75°	13	10	8	5	3	1	0
-77.5°	12	9	7	4	2	1	0
-80°	10	8	5	3	2	0	0
-82.5°	8	6	4	3	1	0	0
-85°	5	4	3	2	1	0	0
-87.5°	3	2	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)