

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: P627864 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627864 (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-SA6C-730-U-MR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	31587.8 lumens	Max Intensity:	111372.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	127.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

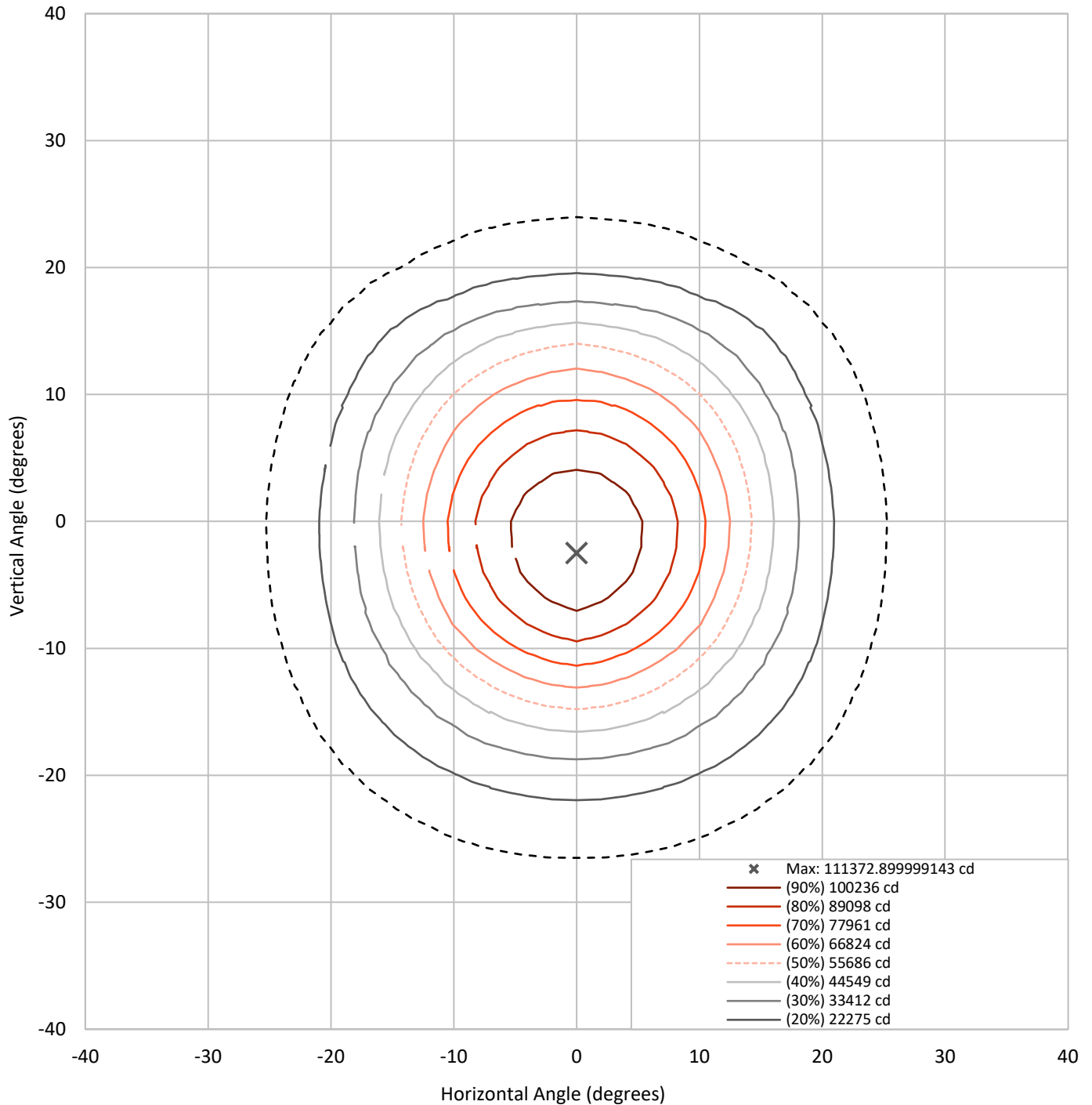
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	15794.2 lumens	Field Lumens:	27139.8 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%

Input Watts (W): 247.5
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-SA6C-730-U-MR-VSR-XX

Iso-Candela Plot





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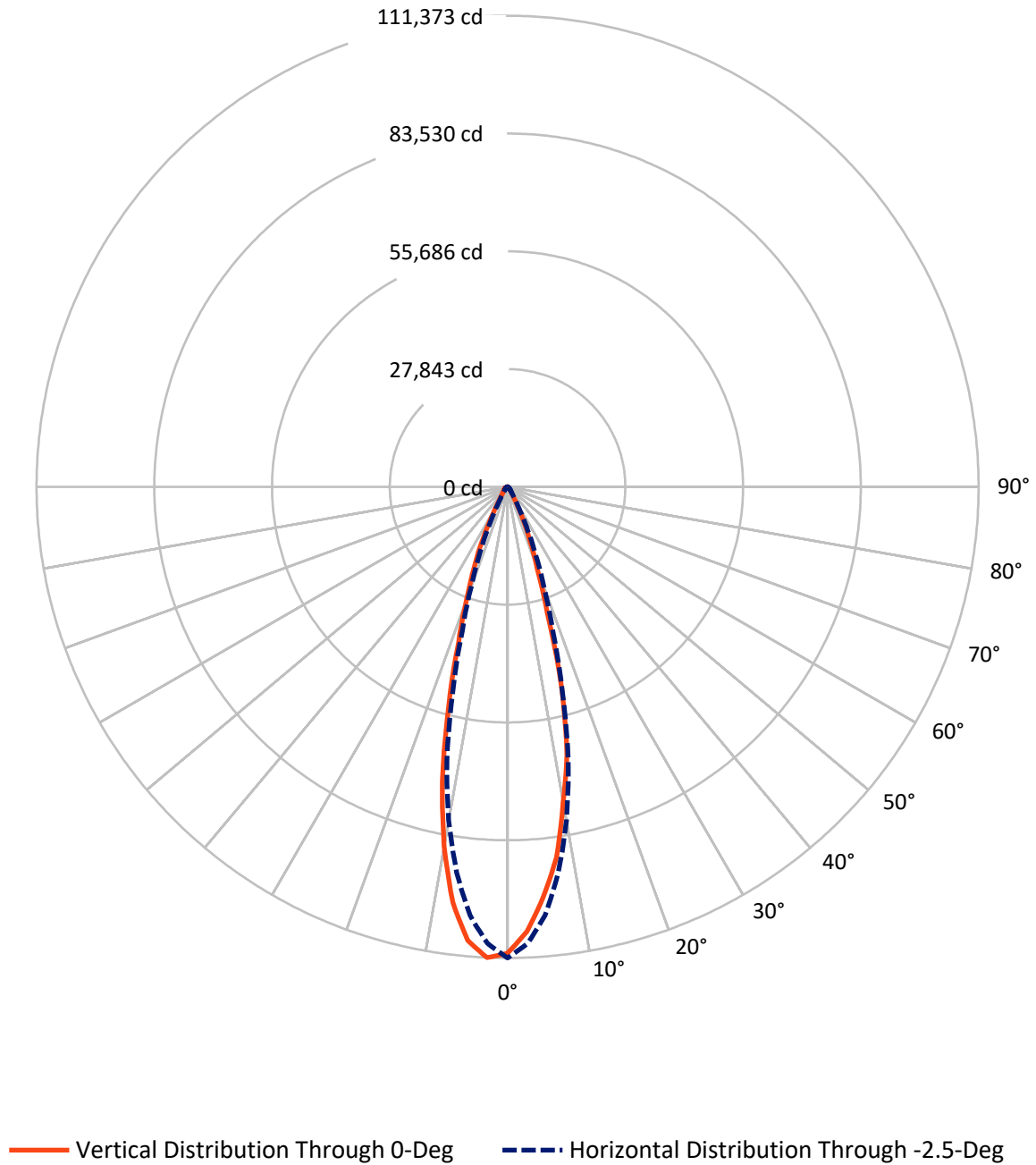
CATALOG NUMBER: GFLD-SA6C-730-U-MR-VSR-XX

Lumen Table

90																			
80	0.0	0.0		0.0	0.0		0.0		0.0		0.0		0.0		0.0				
70	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0			
60		0.0	0.2	0.9	2.2	3.6	5.0	6.0	6.0	5.0	3.6	2.2	0.9	0.2	0.0				
50	0.1	0.1	1.1	3.4	6.6	10.2	14.4	16.8	16.8	14.4	10.2	6.6	3.4	1.1	0.1	0.1			
40		0.5	2.7	6.8	12.4	20.4	34.1	45.4	45.4	34.1	20.4	12.4	6.8	2.7	0.5				
30	0.2	1.0	4.3	10.3	19.6	47.7	149.9	275.0	275.0	149.9	47.7	19.6	10.3	4.3	1.0	0.2			
20		1.6	5.9	14.0	33.6	164.5	668.9	1309.8	1309.8	668.9	164.5	33.6	14.0	5.9	1.6				
10	0.5	2.0	7.1	16.7	48.2	313.6	1350.7	2647.5	2647.5	1350.7	313.6	48.2	16.7	7.1	2.0	0.5			
0		2.3	7.8	17.6	51.5	328.5	1386.0	2807.3	2807.3	1386.0	328.5	51.5	17.6	7.8	2.3				
-10	0.6	2.4	7.9	17.2	42.4	201.7	766.4	1485.6	1485.6	766.4	201.7	42.4	17.2	7.9	2.4	0.6			
-20		2.4	7.5	15.7	31.0	78.3	237.3	423.5	423.5	237.3	78.3	31.0	15.7	7.5	2.4				
-30	0.6	2.1	6.7	13.6	23.6	38.7	63.1	84.4	84.4	63.1	38.7	23.6	13.6	6.7	2.1	0.6			
-40		1.7	5.6	11.3	18.6	26.6	35.1	39.3	39.3	35.1	26.6	18.6	11.3	5.6	1.7				
-50	0.4	1.3	4.2	8.8	14.5	20.2	25.3	27.5	27.5	25.3	20.2	14.5	8.8	4.2	1.3	0.4			
-60		0.8	2.6	5.8	9.7	13.8	17.3	19.1	19.1	17.3	13.8	9.7	5.8	2.6	0.8				
-70	0.1	2.1		9.3		20.1		25.5		20.1		9.3		2.1		0.1			
-80		2.1		9.3		20.1		25.5		20.1		9.3		2.1					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

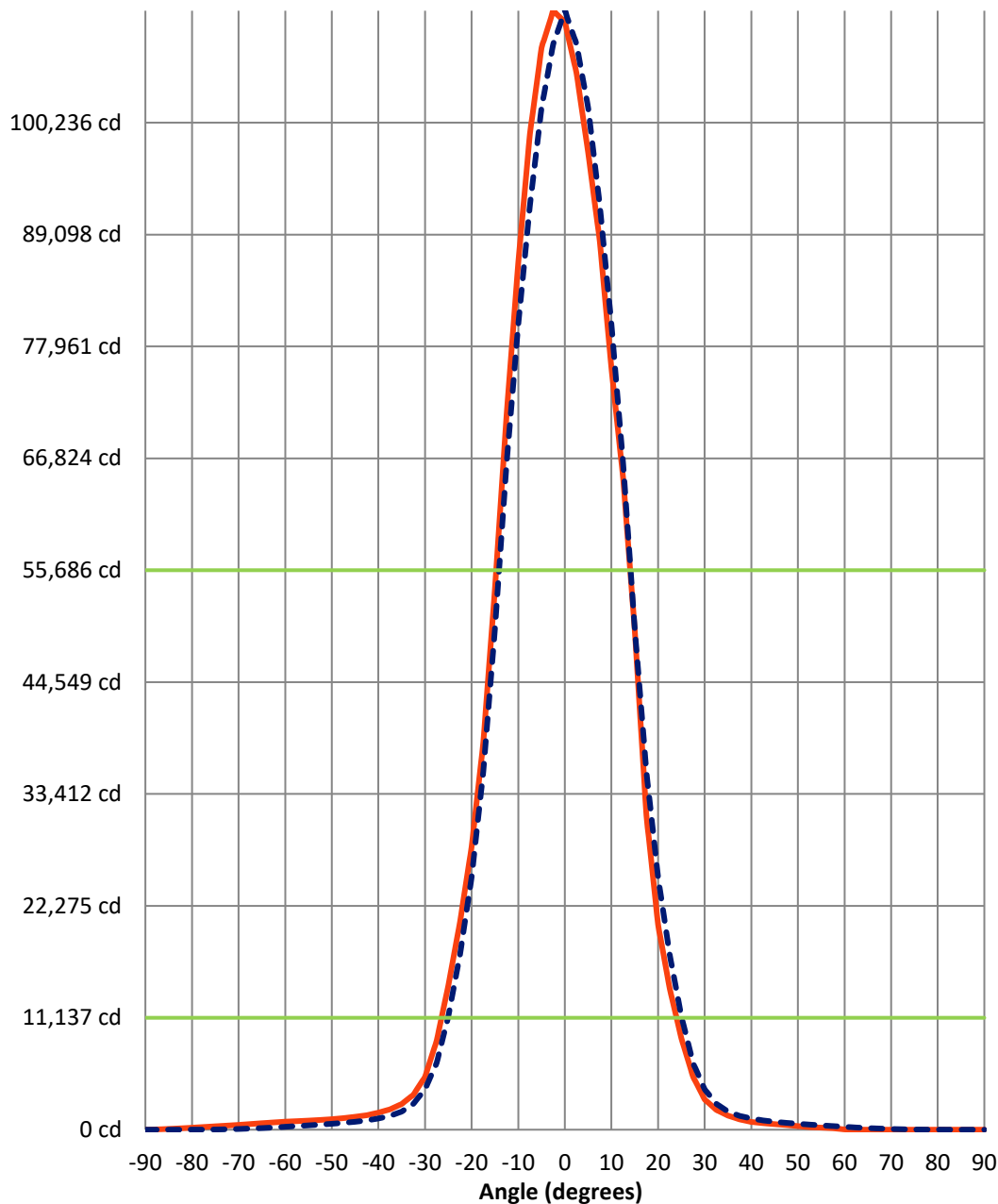
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 15794.2
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 27139.8
 Efficiency: 85.9%

Spill:
 Lumens: 4448
 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	2
57.5°	0	0	0	0	0	0	0	0	1	3	2
55°	0	0	0	0	0	0	1	0	3	4	3
52.5°	0	0	0	0	0	0	1	2	5	5	3
50°	0	0	0	0	0	1	2	4	7	5	5
47.5°	0	0	0	0	0	1	3	5	7	6	6
45°	0	0	0	0	0	2	4	7	7	6	7
42.5°	0	0	0	0	0	3	5	7	7	7	11
40°	0	0	0	0	0	4	6	7	7	7	17
37.5°	0	0	0	0	1	5	6	7	9	10	23
35°	0	0	0	0	2	6	7	7	10	17	30
32.5°	0	0	0	0	2	6	7	7	13	23	38
30°	0	0	0	0	3	6	7	7	16	30	47
27.5°	0	0	0	0	4	7	7	10	20	36	56
25°	0	0	0	0	4	7	7	12	25	42	66
22.5°	0	0	0	0	5	7	7	15	30	50	78
20°	0	0	0	0	5	7	7	18	34	58	90
17.5°	0	0	0	0	6	7	7	20	38	66	101
15°	0	0	0	0	6	7	8	24	42	74	111
12.5°	0	0	0	0	6	7	9	27	46	81	120
10°	0	0	0	0	7	7	10	31	50	89	128
7.5°	0	0	0	0	7	7	11	34	54	96	136
5°	0	0	0	0	7	7	12	37	57	102	143
2.5°	0	0	0	0	7	7	13	40	60	107	149
0°	0	0	0	0	7	7	14	42	63	112	154
-2.5°	0	0	0	0	7	8	17	43	69	116	159
-5°	0	0	0	1	7	9	19	44	75	119	162
-7.5°	0	0	0	1	7	9	22	44	80	122	165
-10°	0	0	0	2	7	10	24	44	83	124	167
-12.5°	0	0	0	2	7	10	26	45	86	126	171
-15°	0	0	0	2	7	11	27	45	86	128	174
-17.5°	0	0	0	3	6	11	28	47	85	128	176
-20°	0	0	0	3	6	11	28	49	84	128	175

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CATALOG NUMBER: GFLD-SA6C-730-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	3	7	11	29	51	82	127	173
-25°	0	0	0	3	7	12	29	52	80	124	168
-27.5°	0	0	0	3	7	13	29	52	77	120	165
-30°	0	0	0	3	7	14	29	52	77	116	160
-32.5°	0	0	0	3	8	14	28	52	77	112	153
-35°	0	0	0	3	8	14	28	51	76	108	145
-37.5°	0	0	0	2	9	14	29	50	74	103	141
-40°	0	0	0	2	9	15	28	48	71	100	138
-42.5°	0	0	0	2	9	15	28	46	69	97	133
-45°	0	0	0	1	9	15	26	44	66	92	126
-47.5°	0	0	0	1	8	15	25	42	63	87	120
-50°	0	0	0	1	8	15	24	40	60	82	112
-52.5°	0	0	0	1	7	14	23	37	56	77	102
-55°	0	0	0	1	7	13	22	33	51	71	95
-57.5°	0	0	0	2	6	13	20	31	46	65	86
-60°	0	0	0	2	5	12	18	28	41	58	78
-62.5°	0	0	0	2	5	11	17	25	37	51	69
-65°	0	0	0	2	5	10	16	22	33	46	60
-67.5°	0	0	0	2	5	9	14	20	29	40	53
-70°	0	0	0	1	4	8	13	18	25	34	46
-72.5°	0	0	0	1	4	7	12	16	22	29	38
-75°	0	0	0	1	3	6	10	14	17	23	31
-77.5°	0	0	0	1	3	5	9	11	14	18	23
-80°	0	0	0	1	2	4	7	9	11	13	16
-82.5°	0	0	0	1	2	3	5	6	7	9	11
-85°	0	0	0	0	1	2	4	4	5	5	6
-87.5°	0	0	0	0	1	1	2	2	2	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA6C-730-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	1	1	1	2	2
60°	1	0	1	2	2	3	4	6	6	7	14
57.5°	1	1	3	4	5	8	11	13	22	32	39
55°	2	5	6	6	10	17	23	35	47	61	74
52.5°	5	7	7	11	20	30	45	61	80	94	106
50°	7	8	9	22	35	51	73	96	112	125	145
47.5°	9	11	21	36	54	78	106	126	141	167	196
45°	13	20	34	53	77	110	135	154	181	211	241
42.5°	18	31	50	70	108	139	163	190	219	253	285
40°	27	42	67	99	137	167	198	227	258	297	331
37.5°	36	58	86	125	164	198	233	267	304	345	385
35°	44	74	109	150	190	231	269	308	354	399	445
32.5°	56	91	130	173	217	262	304	355	403	452	508
30°	72	108	149	196	242	290	344	400	448	503	563
27.5°	88	125	169	218	265	317	382	438	491	550	615
25°	102	142	189	237	289	349	418	476	531	597	674
22.5°	116	158	210	255	312	382	452	517	580	645	735
20°	130	177	230	279	335	413	487	559	632	714	815
17.5°	144	194	249	305	367	443	521	601	683	784	909
15°	156	209	268	328	395	473	556	644	739	856	1000
12.5°	168	224	287	350	421	501	586	678	787	928	1107
10°	178	237	305	370	443	525	612	708	826	977	1187
7.5°	188	249	321	389	462	547	635	734	858	1019	1251
5°	197	261	333	402	477	564	653	755	883	1051	1302
2.5°	204	272	343	412	489	575	665	769	901	1082	1342
0°	210	280	351	421	498	582	673	778	912	1108	1367
-2.5°	217	290	359	430	507	589	681	787	924	1116	1374
-5°	222	297	365	436	514	594	685	790	930	1117	1377
-7.5°	226	302	369	441	519	598	688	794	933	1115	1376
-10°	228	305	373	445	524	602	689	792	928	1103	1353
-12.5°	233	306	375	447	525	603	686	786	915	1081	1310
-15°	235	306	375	446	524	602	681	773	894	1054	1253
-17.5°	237	305	373	442	520	599	673	762	875	1024	1214
-20°	236	304	370	436	514	592	666	752	857	989	1159

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CATALOG NUMBER: GFLD-SA6C-730-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	234	302	365	429	504	581	656	737	834	946	1098
-25°	231	298	360	423	493	567	643	717	810	916	1046
-27.5°	225	292	354	416	482	551	625	699	783	881	993
-30°	217	284	345	406	471	537	605	678	754	845	947
-32.5°	206	274	334	395	458	522	583	654	728	805	898
-35°	198	261	322	380	444	505	563	625	697	771	848
-37.5°	191	248	308	364	425	485	540	598	663	734	805
-40°	184	235	294	348	403	463	518	570	628	698	765
-42.5°	176	225	279	332	384	439	495	545	600	663	727
-45°	168	215	264	315	367	416	468	521	574	630	690
-47.5°	159	203	251	297	347	397	442	493	548	600	654
-50°	148	191	234	277	325	375	422	465	515	567	619
-52.5°	137	177	217	257	301	347	396	441	484	529	579
-55°	123	161	198	236	275	319	364	410	455	496	539
-57.5°	111	143	179	215	251	288	332	375	418	460	503
-60°	100	126	157	192	228	262	299	340	380	420	459
-62.5°	88	112	138	168	201	235	269	305	342	376	410
-65°	78	97	119	145	173	203	235	269	302	330	356
-67.5°	67	83	101	122	147	172	197	227	257	283	307
-70°	57	69	84	102	121	142	165	188	211	234	257
-72.5°	48	58	69	81	98	116	135	153	172	192	212
-75°	39	47	56	66	78	93	108	125	141	156	172
-77.5°	30	37	45	52	61	72	84	97	110	123	136
-80°	22	27	34	41	47	54	62	70	79	89	100
-82.5°	15	19	24	29	33	37	41	46	53	60	67
-85°	8	10	14	17	19	21	23	26	30	34	39
-87.5°	4	5	7	8	9	9	9	10	12	13	15
-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	1	2	1	1	0	0
62.5°	2	3	5	7	8	8	9	10	10	10	9
60°	18	17	26	32	31	24	35	40	38	33	32
57.5°	49	61	71	74	83	98	102	100	102	106	119
55°	86	95	103	117	131	144	155	162	171	180	190
52.5°	117	133	145	159	178	190	195	214	231	245	253
50°	167	184	202	222	240	256	270	290	313	337	352
47.5°	219	240	264	293	313	329	347	374	406	434	452
45°	268	293	322	350	373	395	422	455	487	516	538
42.5°	311	340	371	402	422	458	496	529	569	606	633
40°	361	389	435	467	495	532	588	637	684	728	757
37.5°	422	469	518	557	594	640	718	793	853	913	955
35°	494	550	611	654	710	796	892	996	1101	1184	1259
32.5°	562	624	687	756	840	963	1083	1250	1405	1563	1712
30°	624	694	770	858	995	1165	1361	1616	1894	2171	2486
27.5°	689	766	856	996	1205	1436	1798	2201	2775	3237	3981
25°	760	846	969	1193	1481	1888	2520	3238	4425	5440	6584
22.5°	846	978	1153	1433	1914	2647	3628	5194	7017	8711	10326
20°	951	1130	1429	1875	2565	3693	5554	7928	10464	12942	15339
17.5°	1091	1375	1802	2437	3415	5785	8555	11947	16289	19551	22643
15°	1218	1577	2223	3251	5092	8142	12013	17208	23053	27968	33528
12.5°	1368	1803	2580	3914	6545	10577	15512	21707	28625	36085	44794
10°	1499	2034	3034	4870	8062	12753	18284	25556	34442	44998	56005
7.5°	1601	2227	3413	5587	9339	14539	21137	29980	41234	53572	66125
5°	1679	2376	3711	6148	10425	15988	23219	33481	46309	60470	72952
2.5°	1741	2481	3909	6494	11159	16979	24642	35342	49414	64974	78080
0°	1788	2545	4018	6739	11500	17447	25301	36093	50869	67180	80658
-2.5°	1805	2579	4023	6654	11293	17419	25147	35632	49865	66304	80111
-5°	1811	2562	3922	6477	10925	16794	24140	33882	46799	62219	76211
-7.5°	1798	2493	3716	6043	10099	15691	22734	31285	41873	55468	69930
-10°	1749	2374	3438	5454	8961	13970	20545	27770	36228	47327	59046
-12.5°	1661	2195	3053	4573	7622	12021	17845	24231	30823	38117	47756
-15°	1557	2012	2739	4038	6382	9975	14691	20085	25556	31141	37021
-17.5°	1477	1853	2418	3324	4900	7805	11576	15911	20349	24785	28745
-20°	1376	1663	2104	2809	3953	5673	8509	11881	15198	18815	21850

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REPORT NUMBER: P627864 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-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°	1286	1530	1860	2304	3074	4284	5901	8275	10795	13422	15914
-25°	1201	1385	1647	2004	2464	3183	4251	5492	7261	8877	10727
-27.5°	1129	1283	1461	1725	2073	2468	3123	3848	4775	5545	6781
-30°	1060	1183	1330	1499	1755	2055	2407	2846	3300	3755	4347
-32.5°	995	1098	1213	1351	1509	1734	1952	2234	2482	2756	3038
-35°	931	1023	1118	1227	1349	1497	1661	1847	2012	2177	2325
-37.5°	877	954	1037	1122	1220	1323	1452	1583	1694	1802	1893
-40°	831	895	963	1035	1113	1196	1297	1393	1468	1538	1596
-42.5°	789	845	899	960	1025	1101	1179	1253	1304	1352	1391
-45°	749	797	847	896	950	1016	1083	1141	1181	1217	1246
-47.5°	705	750	795	840	892	944	998	1041	1077	1108	1129
-50°	664	708	748	786	831	878	925	962	993	1020	1035
-52.5°	623	665	705	744	781	818	855	890	922	950	960
-55°	583	624	661	697	733	768	801	831	860	887	895
-57.5°	544	586	625	654	685	716	748	778	805	829	838
-60°	500	542	576	604	634	664	691	718	745	769	779
-62.5°	447	485	516	544	571	597	622	646	671	690	701
-65°	385	417	448	475	499	523	546	568	588	604	613
-67.5°	331	355	380	405	430	453	473	493	511	524	532
-70°	279	301	323	345	367	388	406	423	440	451	460
-72.5°	231	251	271	291	311	328	343	359	373	383	391
-75°	188	204	222	239	255	270	282	295	307	315	323
-77.5°	150	162	174	187	200	211	222	232	241	248	254
-80°	111	121	130	140	149	157	165	172	180	187	192
-82.5°	75	82	90	97	105	110	114	117	121	126	131
-85°	43	48	53	57	62	65	68	71	74	77	79
-87.5°	17	19	21	23	25	26	26	27	27	29	31
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627864 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-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	1
62.5°	8	7	7	7	7	7	8	9	10	10	10
60°	31	28	28	28	28	28	31	32	33	38	40
57.5°	131	140	146	147	146	140	131	119	106	102	100
55°	199	206	207	203	207	206	199	190	180	171	162
52.5°	257	258	256	253	256	258	257	253	245	231	214
50°	357	356	356	358	356	356	357	352	337	313	290
47.5°	459	464	465	463	465	464	459	452	434	406	374
45°	548	555	557	554	557	555	548	538	516	487	455
42.5°	644	648	650	652	650	648	644	633	606	569	529
40°	770	775	774	771	774	775	770	757	728	684	637
37.5°	984	999	1006	1024	1006	999	984	955	913	853	793
35°	1317	1353	1373	1403	1373	1353	1317	1259	1184	1101	996
32.5°	1820	1893	1932	1971	1932	1893	1820	1712	1563	1405	1250
30°	2705	2849	2908	3015	2908	2849	2705	2486	2171	1894	1616
27.5°	4527	4870	5005	5287	5005	4870	4527	3981	3237	2775	2201
25°	7626	8365	8773	9095	8773	8365	7626	6584	5440	4425	3238
22.5°	11956	13039	13618	14046	13618	13039	11956	10326	8711	7017	5194
20°	17511	18941	19794	20414	19794	18941	17511	15339	12942	10464	7928
17.5°	26613	28861	30175	31304	30175	28861	26613	22643	19551	16289	11947
15°	39731	44247	47757	49712	47757	44247	39731	33528	27968	23053	17208
12.5°	52492	59107	63037	64845	63037	59107	52492	44794	36085	28625	21707
10°	65113	71350	75089	75749	75089	71350	65113	56005	44998	34442	25556
7.5°	74774	81633	86602	88407	86602	81633	74774	66125	53572	41234	29980
5°	83308	91339	96597	97264	96597	91339	83308	72952	60470	46309	33481
2.5°	89585	98316	103414	105167	103414	98316	89585	78080	64974	49414	35342
0°	92621	102025	107698	110251	107698	102025	92621	80658	67180	50869	36093
-2.5°	91983	101709	108041	111373	108041	101709	91983	80111	66304	49865	35632
-5°	88485	98240	104144	107684	104144	98240	88485	76211	62219	46799	33882
-7.5°	80420	89542	95827	99094	95827	89542	80420	69930	55468	41873	31285
-10°	70028	77748	83477	86261	83477	77748	70028	59046	47327	36228	27770
-12.5°	56523	64012	69180	71149	69180	64012	56523	47756	38117	30823	24231
-15°	43307	49022	52694	53856	52694	49022	43307	37021	31141	25556	20085
-17.5°	32842	35919	37984	38541	37984	35919	32842	28745	24785	20349	15911
-20°	24605	26511	27852	28169	27852	26511	24605	21850	18815	15198	11881

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REPORT NUMBER: P627864 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-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°	17927	19361	20443	20659	20443	19361	17927	15914	13422	10795	8275
-25°	12366	13565	14299	14355	14299	13565	12366	10727	8877	7261	5492
-27.5°	7753	8411	8751	8871	8751	8411	7753	6781	5545	4775	3848
-30°	4791	5094	5254	5259	5254	5094	4791	4347	3755	3300	2846
-32.5°	3252	3399	3479	3478	3479	3399	3252	3038	2756	2482	2234
-35°	2436	2512	2555	2560	2555	2512	2436	2325	2177	2012	1847
-37.5°	1959	2001	2023	2027	2023	2001	1959	1893	1802	1694	1583
-40°	1638	1667	1685	1697	1685	1667	1638	1596	1538	1468	1393
-42.5°	1417	1436	1444	1438	1444	1436	1417	1391	1352	1304	1253
-45°	1262	1273	1280	1283	1280	1273	1262	1246	1217	1181	1141
-47.5°	1139	1145	1148	1150	1148	1145	1139	1129	1108	1077	1041
-50°	1042	1047	1048	1045	1048	1047	1042	1035	1020	993	962
-52.5°	964	965	967	968	967	965	964	960	950	922	890
-55°	900	902	904	905	904	902	900	895	887	860	831
-57.5°	846	852	852	849	852	852	846	838	829	805	778
-60°	788	795	798	799	798	795	788	779	769	745	718
-62.5°	711	718	721	722	721	718	711	701	690	671	646
-65°	621	627	637	645	637	627	621	613	604	588	568
-67.5°	539	544	553	561	553	544	539	532	524	511	493
-70°	468	474	476	477	476	474	468	460	451	440	423
-72.5°	398	404	406	407	406	404	398	391	383	373	359
-75°	329	335	336	337	336	335	329	323	315	307	295
-77.5°	260	265	266	267	266	265	260	254	248	241	232
-80°	198	202	200	196	200	202	198	192	187	180	172
-82.5°	135	140	137	133	137	140	135	131	126	121	117
-85°	82	84	81	77	81	84	82	79	77	74	71
-87.5°	33	35	32	28	32	35	33	31	29	27	27
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627864 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-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°	2	1	0	0	0	0	0	0	0	0	0
62.5°	9	8	8	7	5	3	2	2	2	1	1
60°	35	24	31	32	26	17	18	14	7	6	6
57.5°	102	98	83	74	71	61	49	39	32	22	13
55°	155	144	131	117	103	95	86	74	61	47	35
52.5°	195	190	178	159	145	133	117	106	94	80	61
50°	270	256	240	222	202	184	167	145	125	112	96
47.5°	347	329	313	293	264	240	219	196	167	141	126
45°	422	395	373	350	322	293	268	241	211	181	154
42.5°	496	458	422	402	371	340	311	285	253	219	190
40°	588	532	495	467	435	389	361	331	297	258	227
37.5°	718	640	594	557	518	469	422	385	345	304	267
35°	892	796	710	654	611	550	494	445	399	354	308
32.5°	1083	963	840	756	687	624	562	508	452	403	355
30°	1361	1165	995	858	770	694	624	563	503	448	400
27.5°	1798	1436	1205	996	856	766	689	615	550	491	438
25°	2520	1888	1481	1193	969	846	760	674	597	531	476
22.5°	3628	2647	1914	1433	1153	978	846	735	645	580	517
20°	5554	3693	2565	1875	1429	1130	951	815	714	632	559
17.5°	8555	5785	3415	2437	1802	1375	1091	909	784	683	601
15°	12013	8142	5092	3251	2223	1577	1218	1000	856	739	644
12.5°	15512	10577	6545	3914	2580	1803	1368	1107	928	787	678
10°	18284	12753	8062	4870	3034	2034	1499	1187	977	826	708
7.5°	21137	14539	9339	5587	3413	2227	1601	1251	1019	858	734
5°	23219	15988	10425	6148	3711	2376	1679	1302	1051	883	755
2.5°	24642	16979	11159	6494	3909	2481	1741	1342	1082	901	769
0°	25301	17447	11500	6739	4018	2545	1788	1367	1108	912	778
-2.5°	25147	17419	11293	6654	4023	2579	1805	1374	1116	924	787
-5°	24140	16794	10925	6477	3922	2562	1811	1377	1117	930	790
-7.5°	22734	15691	10099	6043	3716	2493	1798	1376	1115	933	794
-10°	20545	13970	8961	5454	3438	2374	1749	1353	1103	928	792
-12.5°	17845	12021	7622	4573	3053	2195	1661	1310	1081	915	786
-15°	14691	9975	6382	4038	2739	2012	1557	1253	1054	894	773
-17.5°	11576	7805	4900	3324	2418	1853	1477	1214	1024	875	762
-20°	8509	5673	3953	2809	2104	1663	1376	1159	989	857	752

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REPORT NUMBER: P627864 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-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°	5901	4284	3074	2304	1860	1530	1286	1098	946	834	737
-25°	4251	3183	2464	2004	1647	1385	1201	1046	916	810	717
-27.5°	3123	2468	2073	1725	1461	1283	1129	993	881	783	699
-30°	2407	2055	1755	1499	1330	1183	1060	947	845	754	678
-32.5°	1952	1734	1509	1351	1213	1098	995	898	805	728	654
-35°	1661	1497	1349	1227	1118	1023	931	848	771	697	625
-37.5°	1452	1323	1220	1122	1037	954	877	805	734	663	598
-40°	1297	1196	1113	1035	963	895	831	765	698	628	570
-42.5°	1179	1101	1025	960	899	845	789	727	663	600	545
-45°	1083	1016	950	896	847	797	749	690	630	574	521
-47.5°	998	944	892	840	795	750	705	654	600	548	493
-50°	925	878	831	786	748	708	664	619	567	515	465
-52.5°	855	818	781	744	705	665	623	579	529	484	441
-55°	801	768	733	697	661	624	583	539	496	455	410
-57.5°	748	716	685	654	625	586	544	503	460	418	375
-60°	691	664	634	604	576	542	500	459	420	380	340
-62.5°	622	597	571	544	516	485	447	410	376	342	305
-65°	546	523	499	475	448	417	385	356	330	302	269
-67.5°	473	453	430	405	380	355	331	307	283	257	227
-70°	406	388	367	345	323	301	279	257	234	211	188
-72.5°	343	328	311	291	271	251	231	212	192	172	153
-75°	282	270	255	239	222	204	188	172	156	141	125
-77.5°	222	211	200	187	174	162	150	136	123	110	97
-80°	165	157	149	140	130	121	111	100	89	79	70
-82.5°	114	110	105	97	90	82	75	67	60	53	46
-85°	68	65	62	57	53	48	43	39	34	30	26
-87.5°	26	26	25	23	21	19	17	15	13	12	10
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627864 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-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°	1	0	0	0	0	0	0	1	0	0	0
60°	4	3	2	2	1	0	1	2	2	0	0
57.5°	11	8	5	4	3	1	1	2	3	1	0
55°	23	17	10	6	6	5	2	3	4	3	0
52.5°	45	30	20	11	7	7	5	3	5	5	2
50°	73	51	35	22	9	8	7	5	5	7	4
47.5°	106	78	54	36	21	11	9	6	6	7	5
45°	135	110	77	53	34	20	13	7	6	7	7
42.5°	163	139	108	70	50	31	18	11	7	7	7
40°	198	167	137	99	67	42	27	17	7	7	7
37.5°	233	198	164	125	86	58	36	23	10	9	7
35°	269	231	190	150	109	74	44	30	17	10	7
32.5°	304	262	217	173	130	91	56	38	23	13	7
30°	344	290	242	196	149	108	72	47	30	16	7
27.5°	382	317	265	218	169	125	88	56	36	20	10
25°	418	349	289	237	189	142	102	66	42	25	12
22.5°	452	382	312	255	210	158	116	78	50	30	15
20°	487	413	335	279	230	177	130	90	58	34	18
17.5°	521	443	367	305	249	194	144	101	66	38	20
15°	556	473	395	328	268	209	156	111	74	42	24
12.5°	586	501	421	350	287	224	168	120	81	46	27
10°	612	525	443	370	305	237	178	128	89	50	31
7.5°	635	547	462	389	321	249	188	136	96	54	34
5°	653	564	477	402	333	261	197	143	102	57	37
2.5°	665	575	489	412	343	272	204	149	107	60	40
0°	673	582	498	421	351	280	210	154	112	63	42
-2.5°	681	589	507	430	359	290	217	159	116	69	43
-5°	685	594	514	436	365	297	222	162	119	75	44
-7.5°	688	598	519	441	369	302	226	165	122	80	44
-10°	689	602	524	445	373	305	228	167	124	83	44
-12.5°	686	603	525	447	375	306	233	171	126	86	45
-15°	681	602	524	446	375	306	235	174	128	86	45
-17.5°	673	599	520	442	373	305	237	176	128	85	47
-20°	666	592	514	436	370	304	236	175	128	84	49

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627864 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-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°	656	581	504	429	365	302	234	173	127	82	51
-25°	643	567	493	423	360	298	231	168	124	80	52
-27.5°	625	551	482	416	354	292	225	165	120	77	52
-30°	605	537	471	406	345	284	217	160	116	77	52
-32.5°	583	522	458	395	334	274	206	153	112	77	52
-35°	563	505	444	380	322	261	198	145	108	76	51
-37.5°	540	485	425	364	308	248	191	141	103	74	50
-40°	518	463	403	348	294	235	184	138	100	71	48
-42.5°	495	439	384	332	279	225	176	133	97	69	46
-45°	468	416	367	315	264	215	168	126	92	66	44
-47.5°	442	397	347	297	251	203	159	120	87	63	42
-50°	422	375	325	277	234	191	148	112	82	60	40
-52.5°	396	347	301	257	217	177	137	102	77	56	37
-55°	364	319	275	236	198	161	123	95	71	51	33
-57.5°	332	288	251	215	179	143	111	86	65	46	31
-60°	299	262	228	192	157	126	100	78	58	41	28
-62.5°	269	235	201	168	138	112	88	69	51	37	25
-65°	235	203	173	145	119	97	78	60	46	33	22
-67.5°	197	172	147	122	101	83	67	53	40	29	20
-70°	165	142	121	102	84	69	57	46	34	25	18
-72.5°	135	116	98	81	69	58	48	38	29	22	16
-75°	108	93	78	66	56	47	39	31	23	17	14
-77.5°	84	72	61	52	45	37	30	23	18	14	11
-80°	62	54	47	41	34	27	22	16	13	11	9
-82.5°	41	37	33	29	24	19	15	11	9	7	6
-85°	23	21	19	17	14	10	8	6	5	5	4
-87.5°	9	9	9	8	7	5	4	3	3	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA6C-730-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°	1	0	0	0	0	0	0
50°	2	1	0	0	0	0	0
47.5°	3	1	0	0	0	0	0
45°	4	2	0	0	0	0	0
42.5°	5	3	0	0	0	0	0
40°	6	4	0	0	0	0	0
37.5°	6	5	1	0	0	0	0
35°	7	6	2	0	0	0	0
32.5°	7	6	2	0	0	0	0
30°	7	6	3	0	0	0	0
27.5°	7	7	4	0	0	0	0
25°	7	7	4	0	0	0	0
22.5°	7	7	5	0	0	0	0
20°	7	7	5	0	0	0	0
17.5°	7	7	6	0	0	0	0
15°	8	7	6	0	0	0	0
12.5°	9	7	6	0	0	0	0
10°	10	7	7	0	0	0	0
7.5°	11	7	7	0	0	0	0
5°	12	7	7	0	0	0	0
2.5°	13	7	7	0	0	0	0
0°	14	7	7	0	0	0	0
-2.5°	17	8	7	0	0	0	0
-5°	19	9	7	1	0	0	0
-7.5°	22	9	7	1	0	0	0
-10°	24	10	7	2	0	0	0
-12.5°	26	10	7	2	0	0	0
-15°	27	11	7	2	0	0	0
-17.5°	28	11	6	3	0	0	0
-20°	28	11	6	3	0	0	0

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CATALOG NUMBER: GFLD-SA6C-730-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	29	11	7	3	0	0	0
-25°	29	12	7	3	0	0	0
-27.5°	29	13	7	3	0	0	0
-30°	29	14	7	3	0	0	0
-32.5°	28	14	8	3	0	0	0
-35°	28	14	8	3	0	0	0
-37.5°	29	14	9	2	0	0	0
-40°	28	15	9	2	0	0	0
-42.5°	28	15	9	2	0	0	0
-45°	26	15	9	1	0	0	0
-47.5°	25	15	8	1	0	0	0
-50°	24	15	8	1	0	0	0
-52.5°	23	14	7	1	0	0	0
-55°	22	13	7	1	0	0	0
-57.5°	20	13	6	2	0	0	0
-60°	18	12	5	2	0	0	0
-62.5°	17	11	5	2	0	0	0
-65°	16	10	5	2	0	0	0
-67.5°	14	9	5	2	0	0	0
-70°	13	8	4	1	0	0	0
-72.5°	12	7	4	1	0	0	0
-75°	10	6	3	1	0	0	0
-77.5°	9	5	3	1	0	0	0
-80°	7	4	2	1	0	0	0
-82.5°	5	3	2	1	0	0	0
-85°	4	2	1	0	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)