

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: P627774 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-750-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627774 (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-SA5E-750-U-MR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

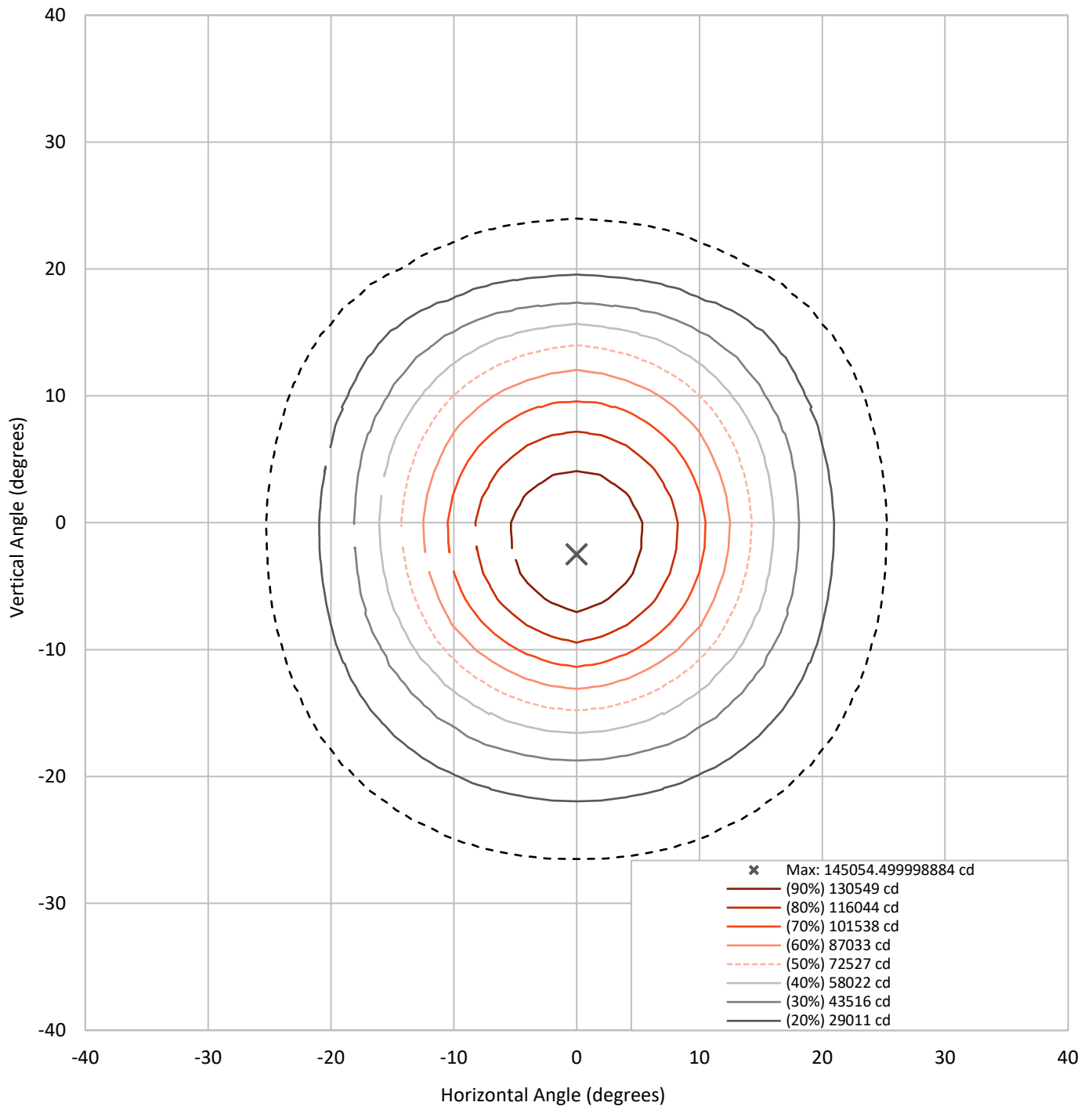
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	41140.7 lumens	Max Intensity:	145054.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	131.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	20570.7 lumens	Field Lumens:	35347.5 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	313.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





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Lumen Table

90																								
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0									
70																								
60	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.2	0.2	0.3	0.2	0.1	0.0	0.0	0.0	0.0								
50		0.1	0.2	1.2	2.8	4.7	6.5	7.8	7.8	6.5	4.7	2.8	1.2	0.2	0.1									
40	0.1	0.2	1.4	4.5	8.6	13.3	18.7	21.9	21.9	18.7	13.3	8.6	4.5	1.4	0.2	0.1								
30		0.6	3.5	8.8	16.2	26.6	44.4	59.2	59.2	44.4	26.6	16.2	8.8	3.5	0.6									
20	0.3	1.3	5.6	13.4	25.6	62.1	195.2	358.1	358.1	195.2	62.1	25.6	13.4	5.6	1.3	0.3								
10		2.0	7.7	18.3	43.8	214.3	871.2	1705.9	1705.9	871.2	214.3	43.8	18.3	7.7	2.0									
0	0.6	2.6	9.3	21.8	62.8	408.4	1759.2	3448.2	3448.2	1759.2	408.4	62.8	21.8	9.3	2.6	0.6								
-10		3.0	10.1	23.0	67.1	427.8	1805.1	3656.3	3656.3	1805.1	427.8	67.1	23.0	10.1	3.0									
-20	0.8	3.2	10.3	22.4	55.2	262.7	998.2	1934.9	1934.9	998.2	262.7	55.2	22.4	10.3	3.2	0.8								
-30		3.1	9.8	20.5	40.4	102.0	309.1	551.5	551.5	309.1	102.0	40.4	20.5	9.8	3.1									
-40	0.7	2.7	8.8	17.7	30.7	50.4	82.2	110.0	110.0	82.2	50.4	30.7	17.7	8.8	2.7	0.7								
-50		2.3	7.2	14.7	24.2	34.7	45.7	51.2	51.2	45.7	34.7	24.2	14.7	7.2	2.3									
-60	0.5	1.7	5.5	11.5	18.9	26.4	32.9	35.9	35.9	32.9	26.4	18.9	11.5	5.5	1.7	0.5								
-70		1.1	3.4	7.5	12.6	18.0	22.5	24.9	24.9	22.5	18.0	12.6	7.5	3.4	1.1									
-80	0.2	2.7	12.2	26.2	33.2	26.2	12.2	2.7	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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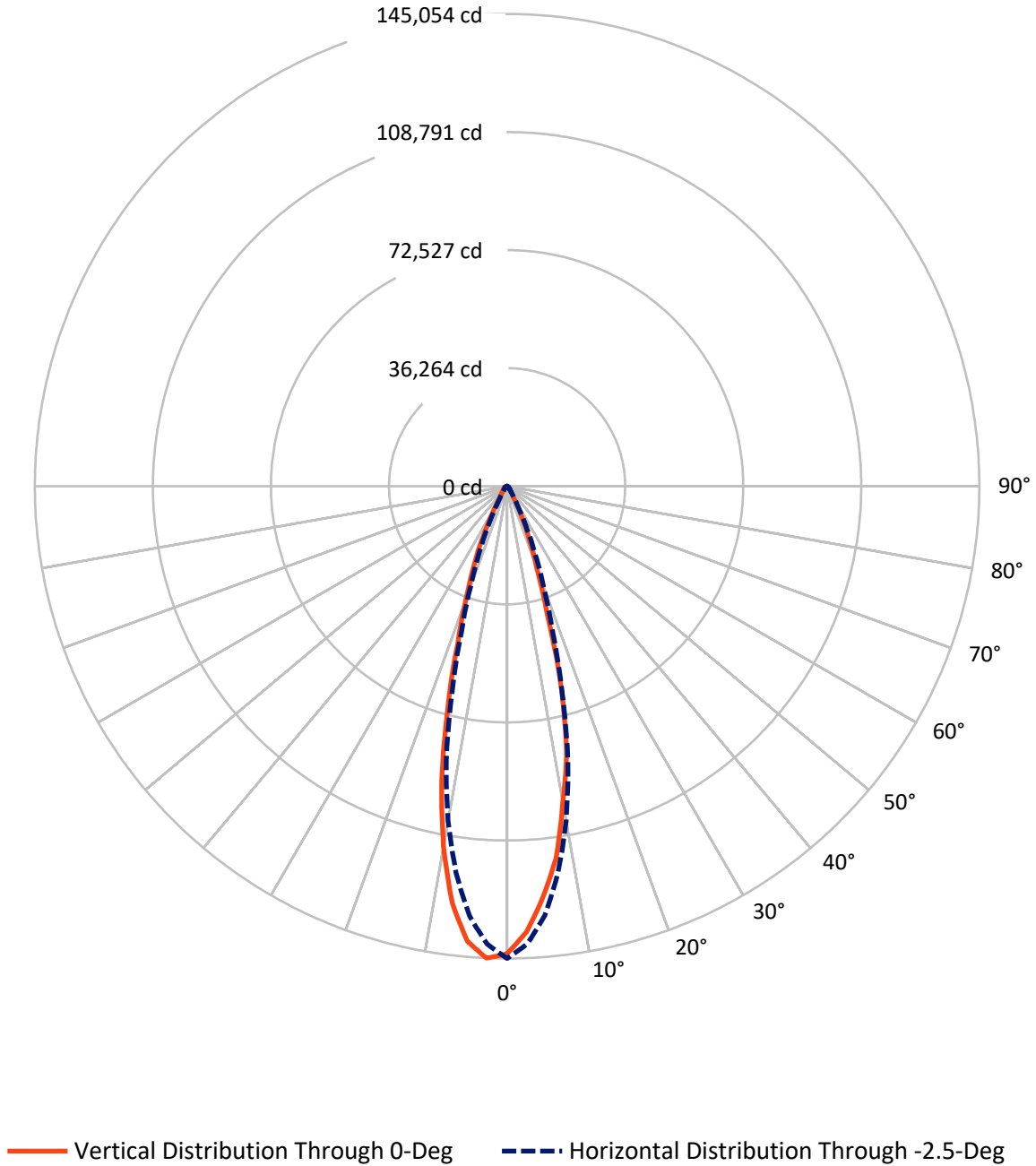
Scaled Data Report



REPORT NUMBER: P627774 (CONVERTED FROM TYPE C PHOTOMETRY)

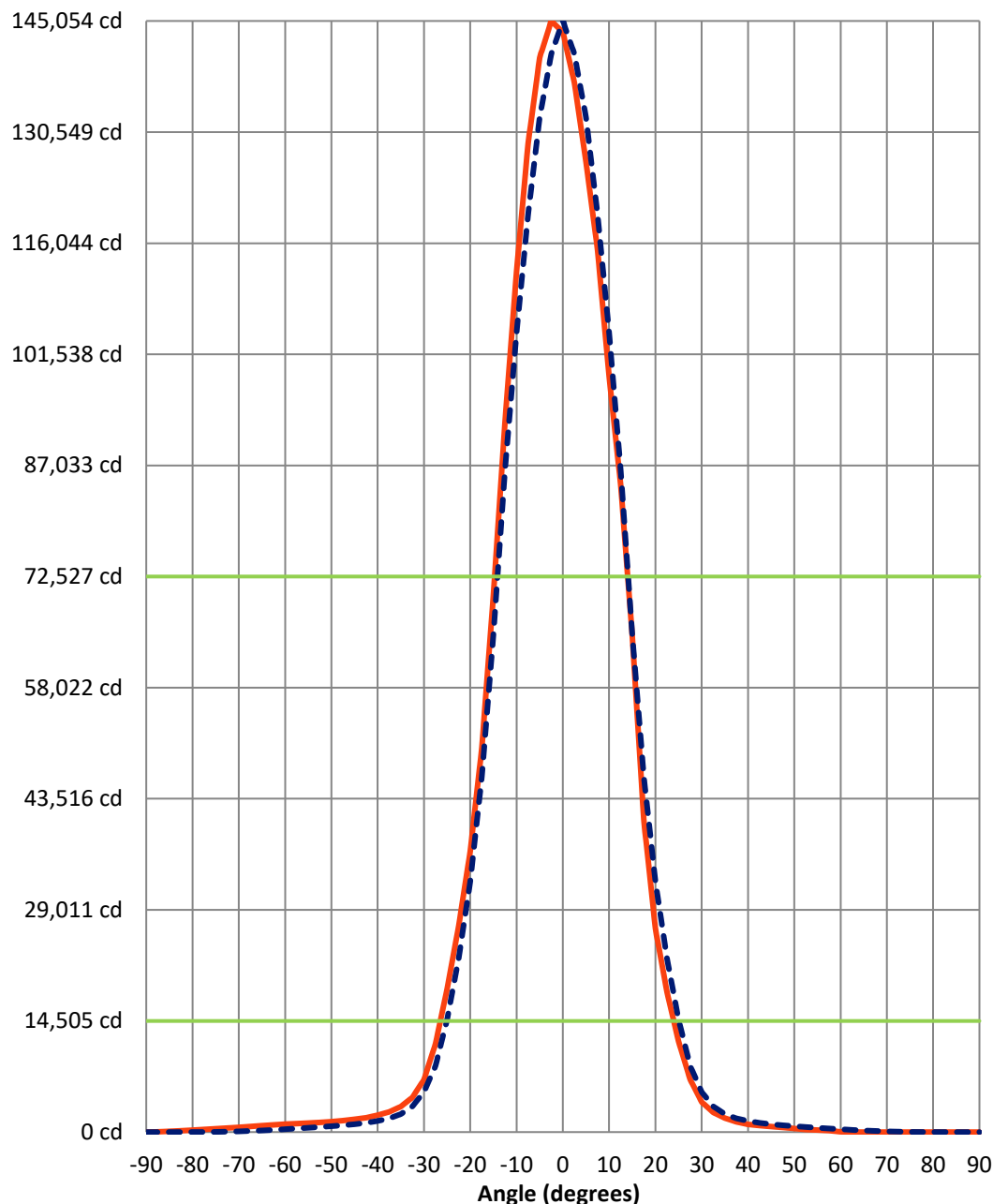
CATALOG NUMBER: GFLD-SA5E-750-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 20570.7
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 35347.5
 Efficiency: 85.9%

Spill:
 Lumens: 5793.2
 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	2	4	3
55°	0	0	0	0	0	0	1	0	4	6	4
52.5°	0	0	0	0	0	0	2	3	7	6	4
50°	0	0	0	0	0	1	3	5	9	7	6
47.5°	0	0	0	0	0	2	4	7	9	7	8
45°	0	0	0	0	0	3	5	8	9	8	9
42.5°	0	0	0	0	0	4	6	9	9	9	14
40°	0	0	0	0	0	5	7	9	9	9	22
37.5°	0	0	0	0	1	6	8	9	11	13	30
35°	0	0	0	0	2	7	9	9	14	22	39
32.5°	0	0	0	0	3	8	9	9	17	30	50
30°	0	0	0	0	4	8	9	10	21	38	61
27.5°	0	0	0	0	5	9	9	13	26	46	73
25°	0	0	0	0	6	9	9	16	32	55	86
22.5°	0	0	0	0	6	9	9	19	39	65	102
20°	0	0	0	0	7	9	9	23	44	75	117
17.5°	0	0	0	0	7	9	10	27	50	86	132
15°	0	0	0	0	8	9	11	31	55	96	144
12.5°	0	0	0	0	8	9	12	35	60	106	156
10°	0	0	0	0	9	9	13	40	65	115	167
7.5°	0	0	0	0	9	9	14	44	70	124	177
5°	0	0	0	0	9	9	16	48	75	133	186
2.5°	0	0	0	0	9	9	17	52	79	140	194
0°	0	0	0	0	9	9	18	55	82	146	201
-2.5°	0	0	0	1	9	10	22	56	90	151	207
-5°	0	0	0	1	9	11	25	57	98	155	211
-7.5°	0	0	0	2	9	12	28	57	104	159	215
-10°	0	0	0	2	9	13	31	58	108	162	217
-12.5°	0	0	0	3	9	14	33	58	111	164	222
-15°	0	0	0	3	9	14	35	59	112	166	227
-17.5°	0	0	0	4	8	14	36	61	111	167	229
-20°	0	0	0	4	8	15	37	64	109	167	228

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REPORT NUMBER: P627774 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-750-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	4	8	15	38	66	107	165	225
-25°	0	0	0	4	9	16	38	67	104	161	219
-27.5°	0	0	0	4	9	17	38	68	101	156	214
-30°	0	0	0	4	9	18	38	68	100	151	208
-32.5°	0	0	0	4	10	18	37	68	100	146	200
-35°	0	0	0	4	11	18	37	66	98	140	189
-37.5°	0	0	0	3	12	19	37	65	96	134	184
-40°	0	0	0	3	12	19	37	63	93	130	180
-42.5°	0	0	0	2	12	20	36	60	90	126	173
-45°	0	0	0	2	11	20	34	58	86	120	165
-47.5°	0	0	0	1	11	20	32	55	83	113	156
-50°	0	0	0	1	10	19	31	52	78	107	145
-52.5°	0	0	0	2	9	18	30	48	73	101	133
-55°	0	0	0	2	8	17	28	43	67	93	123
-57.5°	0	0	0	2	8	16	26	40	60	85	112
-60°	0	0	0	2	7	15	24	37	54	76	101
-62.5°	0	0	0	2	7	14	22	33	49	67	90
-65°	0	0	0	2	6	13	20	29	43	60	79
-67.5°	0	0	0	2	6	11	19	27	37	52	69
-70°	0	0	0	2	5	11	17	24	33	45	60
-72.5°	0	0	0	2	5	9	15	21	28	38	50
-75°	0	0	0	2	4	8	13	18	23	30	40
-77.5°	0	0	0	1	4	7	11	15	18	23	30
-80°	0	0	0	1	3	6	9	11	14	17	21
-82.5°	0	0	0	1	2	4	7	8	9	11	14
-85°	0	0	0	1	2	3	5	5	6	7	8
-87.5°	0	0	0	0	1	1	2	3	3	3	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627774 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	1	2	1	2	3
60°	1	0	1	2	2	4	5	7	8	9	19
57.5°	1	2	4	5	6	10	15	17	29	42	50
55°	3	6	7	8	13	22	29	46	61	80	96
52.5°	6	9	9	14	27	40	58	80	104	122	138
50°	9	11	12	29	46	66	94	124	146	163	189
47.5°	12	14	28	47	70	101	139	164	184	217	255
45°	17	26	45	69	101	144	176	200	236	274	313
42.5°	24	41	65	91	140	181	213	247	285	329	371
40°	36	55	87	129	178	218	258	296	336	387	432
37.5°	47	75	112	163	214	258	303	348	396	449	501
35°	58	97	142	195	247	301	350	401	461	520	579
32.5°	73	118	169	226	282	341	396	462	525	588	661
30°	93	141	194	255	315	378	448	520	583	655	733
27.5°	114	162	220	284	345	413	498	571	639	716	802
25°	133	184	246	309	377	455	545	620	691	777	878
22.5°	152	206	273	332	407	497	589	673	755	840	957
20°	170	230	299	364	437	537	634	728	823	930	1062
17.5°	187	252	325	397	478	577	679	783	889	1020	1184
15°	203	273	350	428	515	617	724	838	962	1115	1302
12.5°	219	291	374	456	548	652	763	882	1025	1209	1442
10°	232	308	397	483	577	684	798	922	1076	1273	1546
7.5°	245	324	418	506	601	712	827	955	1117	1327	1629
5°	256	340	434	523	621	734	851	984	1151	1369	1696
2.5°	266	354	447	537	636	748	866	1002	1173	1410	1747
0°	274	365	457	548	648	758	877	1014	1187	1443	1781
-2.5°	283	377	467	559	661	768	887	1024	1203	1453	1789
-5°	289	387	475	568	670	774	892	1029	1211	1454	1793
-7.5°	294	393	481	574	676	779	897	1034	1215	1452	1792
-10°	297	397	486	580	682	784	897	1032	1209	1436	1762
-12.5°	303	399	488	582	684	786	894	1023	1191	1408	1706
-15°	307	399	488	581	682	784	887	1007	1165	1373	1631
-17.5°	308	398	486	576	677	780	876	992	1139	1334	1580
-20°	308	396	482	567	669	771	867	980	1116	1289	1510

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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°	305	393	475	559	657	756	855	960	1087	1232	1431
-25°	301	388	469	552	643	738	837	934	1055	1194	1363
-27.5°	293	381	461	542	627	718	814	911	1020	1147	1293
-30°	282	369	449	529	613	699	787	883	982	1100	1233
-32.5°	269	356	435	514	597	680	759	851	948	1049	1169
-35°	257	340	419	495	578	657	733	814	908	1004	1105
-37.5°	249	323	402	474	553	632	703	779	863	956	1048
-40°	239	306	383	454	524	603	675	743	818	909	997
-42.5°	229	294	363	433	501	571	645	710	781	863	947
-45°	219	280	344	411	478	542	610	679	748	821	899
-47.5°	207	265	326	386	452	517	576	642	713	782	851
-50°	193	249	305	361	423	488	549	606	670	739	807
-52.5°	178	230	282	334	391	453	515	574	630	689	754
-55°	161	209	259	307	358	415	475	534	592	646	702
-57.5°	145	186	233	280	327	375	432	489	545	600	655
-60°	130	164	205	251	297	342	389	442	496	547	598
-62.5°	115	145	179	218	262	306	351	397	445	489	534
-65°	101	126	155	189	225	264	306	350	394	429	464
-67.5°	87	108	132	159	191	223	257	295	335	368	400
-70°	75	90	110	132	157	185	214	245	275	305	335
-72.5°	63	76	90	105	127	151	175	199	224	251	276
-75°	51	62	73	86	102	121	141	163	183	204	224
-77.5°	39	49	58	68	79	94	110	127	143	160	177
-80°	28	36	44	53	61	70	80	91	103	116	130
-82.5°	19	25	31	38	43	48	53	60	69	78	88
-85°	10	14	18	22	25	27	30	33	39	45	50
-87.5°	5	7	9	10	11	12	12	13	15	17	20
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627774 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	2	2	2	1	0	0
62.5°	3	4	7	9	10	11	12	12	13	13	12
60°	23	23	34	42	40	32	45	52	49	42	42
57.5°	64	80	92	96	108	127	133	131	133	139	155
55°	112	124	134	152	171	188	202	211	222	234	248
52.5°	153	174	188	208	232	247	254	279	301	318	329
50°	217	239	263	288	312	334	352	378	408	439	459
47.5°	285	313	344	381	408	429	452	487	528	565	588
45°	349	381	420	455	485	514	550	593	635	672	701
42.5°	405	442	483	523	550	596	646	689	741	789	824
40°	471	507	566	608	644	693	765	829	891	949	985
37.5°	550	610	674	725	774	834	935	1033	1111	1189	1244
35°	643	716	796	852	925	1037	1162	1297	1434	1543	1640
32.5°	733	813	894	984	1095	1254	1411	1628	1829	2036	2230
30°	813	903	1002	1117	1296	1518	1773	2105	2467	2827	3238
27.5°	898	997	1115	1298	1569	1871	2342	2866	3614	4215	5185
25°	990	1102	1262	1554	1929	2459	3282	4217	5764	7085	8575
22.5°	1101	1273	1501	1866	2493	3447	4726	6764	9139	11345	13449
20°	1239	1472	1861	2443	3341	4809	7234	10326	13628	16856	19977
17.5°	1420	1791	2347	3174	4448	7534	11143	15560	21215	25463	29491
15°	1586	2054	2895	4234	6631	10604	15647	22412	30025	36426	43667
12.5°	1782	2349	3361	5098	8525	13775	20204	28271	37282	46999	58341
10°	1953	2649	3952	6343	10500	16610	23814	33284	44857	58606	72942
7.5°	2085	2901	4446	7276	12163	18936	27529	39047	53704	69774	86122
5°	2187	3095	4834	8008	13578	20824	30241	43606	60313	78758	95015
2.5°	2267	3232	5091	8458	14534	22113	32095	46030	64357	84624	101693
0°	2329	3315	5233	8777	14979	22724	32953	47009	66253	87497	105051
-2.5°	2350	3359	5240	8666	14708	22686	32752	46409	64945	86356	104338
-5°	2359	3337	5108	8436	14229	21873	31441	44129	60953	81035	99259
-7.5°	2341	3247	4840	7871	13153	20436	29610	40746	54536	72243	91078
-10°	2278	3092	4477	7104	11672	18194	26758	36168	47184	61639	76903
-12.5°	2164	2859	3977	5955	9928	15657	23241	31560	40145	49644	62199
-15°	2027	2620	3568	5259	8312	12992	19134	26159	33284	40559	48217
-17.5°	1924	2413	3149	4329	6382	10166	15077	20723	26504	32280	37438
-20°	1792	2166	2740	3659	5149	7388	11082	15475	19794	24505	28458

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REPORT NUMBER: P627774 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1675	1992	2422	3001	4003	5579	7685	10777	14060	17481	20727
-25°	1564	1804	2145	2609	3209	4146	5537	7153	9457	11561	13972
-27.5°	1470	1671	1903	2247	2700	3214	4068	5011	6219	7222	8831
-30°	1380	1541	1732	1953	2286	2677	3135	3707	4298	4891	5661
-32.5°	1296	1431	1580	1759	1965	2258	2543	2910	3233	3589	3957
-35°	1213	1333	1457	1598	1756	1949	2163	2406	2621	2835	3028
-37.5°	1142	1242	1350	1462	1589	1723	1891	2062	2207	2347	2466
-40°	1082	1165	1255	1348	1450	1558	1689	1815	1913	2003	2079
-42.5°	1027	1101	1171	1250	1334	1434	1535	1632	1699	1761	1811
-45°	975	1039	1103	1168	1237	1324	1411	1486	1538	1586	1622
-47.5°	919	977	1035	1094	1161	1230	1300	1356	1403	1443	1470
-50°	865	922	974	1023	1083	1144	1205	1252	1293	1329	1348
-52.5°	812	866	919	970	1018	1066	1113	1159	1200	1237	1250
-55°	760	813	861	908	955	1001	1043	1083	1120	1155	1166
-57.5°	709	763	814	852	892	933	974	1013	1049	1080	1092
-60°	651	706	750	787	826	865	900	935	971	1001	1015
-62.5°	582	632	672	708	744	777	810	842	873	899	914
-65°	501	544	583	619	650	681	711	740	766	786	799
-67.5°	431	462	495	527	560	589	616	642	666	682	693
-70°	364	392	421	450	479	505	529	551	573	588	599
-72.5°	301	327	353	379	405	427	447	467	486	499	510
-75°	245	266	288	311	333	351	368	384	399	411	420
-77.5°	195	211	227	244	260	275	289	302	314	323	331
-80°	144	157	170	182	194	204	214	225	235	243	250
-82.5°	98	107	117	127	137	143	148	153	158	164	170
-85°	56	62	69	75	81	85	89	92	96	100	103
-87.5°	22	25	28	30	33	34	34	35	35	38	40
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627774 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	1	2
62.5°	11	9	9	9	9	9	11	12	13	13	12
60°	40	36	36	37	36	36	40	42	42	49	52
57.5°	170	182	190	192	190	182	170	155	139	133	131
55°	259	268	269	265	269	268	259	248	234	222	211
52.5°	335	336	333	329	333	336	335	329	318	301	279
50°	464	463	463	466	463	463	464	459	439	408	378
47.5°	598	604	606	603	606	604	598	588	565	528	487
45°	714	722	725	722	725	722	714	701	672	635	593
42.5°	838	844	847	849	847	844	838	824	789	741	689
40°	1003	1009	1008	1005	1008	1009	1003	985	949	891	829
37.5°	1281	1301	1310	1334	1310	1301	1281	1244	1189	1111	1033
35°	1716	1763	1788	1827	1788	1763	1716	1640	1543	1434	1297
32.5°	2370	2465	2516	2566	2516	2465	2370	2230	2036	1829	1628
30°	3523	3711	3787	3927	3787	3711	3523	3238	2827	2467	2105
27.5°	5896	6343	6519	6887	6519	6343	5896	5185	4215	3614	2866
25°	9932	10895	11426	11846	11426	10895	9932	8575	7085	5764	4217
22.5°	15572	16983	17737	18294	17737	16983	15572	13449	11345	9139	6764
20°	22807	24669	25780	26587	25780	24669	22807	19977	16856	13628	10326
17.5°	34661	37589	39300	40771	39300	37589	34661	29491	25463	21215	15560
15°	51746	57628	62200	64746	62200	57628	51746	43667	36426	30025	22412
12.5°	68367	76982	82101	84455	82101	76982	68367	58341	46999	37282	28271
10°	84804	92928	97797	98658	97797	92928	84804	72942	58606	44857	33284
7.5°	97387	106321	112792	115143	112792	106321	97387	86122	69774	53704	39047
5°	108502	118962	125810	126678	125810	118962	108502	95015	78758	60313	43606
2.5°	116677	128049	134689	136972	134689	128049	116677	101693	84624	64357	46030
0°	120632	132880	140269	143593	140269	132880	120632	105051	87497	66253	47009
-2.5°	119800	132468	140715	145054	140715	132468	119800	104338	86356	64945	46409
-5°	115245	127950	135640	140250	135640	127950	115245	99259	81035	60953	44129
-7.5°	104741	116622	124808	129062	124808	116622	104741	91078	72243	54536	40746
-10°	91205	101260	108722	112348	108722	101260	91205	76903	61639	47184	36168
-12.5°	73617	83370	90102	92666	90102	83370	73617	62199	49644	40145	31560
-15°	56404	63847	68630	70144	68630	63847	56404	48217	40559	33284	26159
-17.5°	42774	46782	49472	50196	49472	46782	42774	37438	32280	26504	20723
-20°	32046	34529	36275	36688	36275	34529	32046	28458	24505	19794	15475

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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	23349	25216	26626	26907	26626	25216	23349	20727	17481	14060	10777
-25°	16106	17667	18624	18696	18624	17667	16106	13972	11561	9457	7153
-27.5°	10098	10955	11398	11554	11398	10955	10098	8831	7222	6219	5011
-30°	6240	6635	6843	6850	6843	6635	6240	5661	4891	4298	3707
-32.5°	4236	4427	4531	4530	4531	4427	4236	3957	3589	3233	2910
-35°	3173	3272	3328	3334	3328	3272	3173	3028	2835	2621	2406
-37.5°	2551	2606	2634	2640	2634	2606	2551	2466	2347	2207	2062
-40°	2134	2171	2195	2210	2195	2171	2134	2079	2003	1913	1815
-42.5°	1845	1870	1881	1872	1881	1870	1845	1811	1761	1699	1632
-45°	1644	1658	1668	1671	1668	1658	1644	1622	1586	1538	1486
-47.5°	1483	1491	1495	1498	1495	1491	1483	1470	1443	1403	1356
-50°	1357	1363	1365	1361	1365	1363	1357	1348	1329	1293	1252
-52.5°	1256	1257	1259	1260	1259	1257	1256	1250	1237	1200	1159
-55°	1172	1175	1177	1178	1177	1175	1172	1166	1155	1120	1083
-57.5°	1102	1109	1110	1105	1110	1109	1102	1092	1080	1049	1013
-60°	1027	1035	1040	1041	1040	1035	1027	1015	1001	971	935
-62.5°	925	935	939	941	939	935	925	914	899	873	842
-65°	809	817	829	840	829	817	809	799	786	766	740
-67.5°	702	709	720	731	720	709	702	693	682	666	642
-70°	609	618	620	621	620	618	609	599	588	573	551
-72.5°	519	527	529	530	529	527	519	510	499	486	467
-75°	429	436	438	438	438	436	429	420	411	399	384
-77.5°	339	345	347	347	347	345	339	331	323	314	302
-80°	257	263	260	256	260	263	257	250	243	235	225
-82.5°	176	182	178	174	178	182	176	170	164	158	153
-85°	106	109	105	101	105	109	106	103	100	96	92
-87.5°	43	46	41	37	41	46	43	40	38	35	35
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627774 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	2	2	0	0	0	0	0	0	0	0	0
62.5°	12	11	10	9	7	4	3	3	2	1	2
60°	45	32	40	42	34	23	23	19	9	8	7
57.5°	133	127	108	96	92	80	64	50	42	29	17
55°	202	188	171	152	134	124	112	96	80	61	46
52.5°	254	247	232	208	188	174	153	138	122	104	80
50°	352	334	312	288	263	239	217	189	163	146	124
47.5°	452	429	408	381	344	313	285	255	217	184	164
45°	550	514	485	455	420	381	349	313	274	236	200
42.5°	646	596	550	523	483	442	405	371	329	285	247
40°	765	693	644	608	566	507	471	432	387	336	296
37.5°	935	834	774	725	674	610	550	501	449	396	348
35°	1162	1037	925	852	796	716	643	579	520	461	401
32.5°	1411	1254	1095	984	894	813	733	661	588	525	462
30°	1773	1518	1296	1117	1002	903	813	733	655	583	520
27.5°	2342	1871	1569	1298	1115	997	898	802	716	639	571
25°	3282	2459	1929	1554	1262	1102	990	878	777	691	620
22.5°	4726	3447	2493	1866	1501	1273	1101	957	840	755	673
20°	7234	4809	3341	2443	1861	1472	1239	1062	930	823	728
17.5°	11143	7534	4448	3174	2347	1791	1420	1184	1020	889	783
15°	15647	10604	6631	4234	2895	2054	1586	1302	1115	962	838
12.5°	20204	13775	8525	5098	3361	2349	1782	1442	1209	1025	882
10°	23814	16610	10500	6343	3952	2649	1953	1546	1273	1076	922
7.5°	27529	18936	12163	7276	4446	2901	2085	1629	1327	1117	955
5°	30241	20824	13578	8008	4834	3095	2187	1696	1369	1151	984
2.5°	32095	22113	14534	8458	5091	3232	2267	1747	1410	1173	1002
0°	32953	22724	14979	8777	5233	3315	2329	1781	1443	1187	1014
-2.5°	32752	22686	14708	8666	5240	3359	2350	1789	1453	1203	1024
-5°	31441	21873	14229	8436	5108	3337	2359	1793	1454	1211	1029
-7.5°	29610	20436	13153	7871	4840	3247	2341	1792	1452	1215	1034
-10°	26758	18194	11672	7104	4477	3092	2278	1762	1436	1209	1032
-12.5°	23241	15657	9928	5955	3977	2859	2164	1706	1408	1191	1023
-15°	19134	12992	8312	5259	3568	2620	2027	1631	1373	1165	1007
-17.5°	15077	10166	6382	4329	3149	2413	1924	1580	1334	1139	992
-20°	11082	7388	5149	3659	2740	2166	1792	1510	1289	1116	980

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REPORT NUMBER: P627774 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7685	5579	4003	3001	2422	1992	1675	1431	1232	1087	960
-25°	5537	4146	3209	2609	2145	1804	1564	1363	1194	1055	934
-27.5°	4068	3214	2700	2247	1903	1671	1470	1293	1147	1020	911
-30°	3135	2677	2286	1953	1732	1541	1380	1233	1100	982	883
-32.5°	2543	2258	1965	1759	1580	1431	1296	1169	1049	948	851
-35°	2163	1949	1756	1598	1457	1333	1213	1105	1004	908	814
-37.5°	1891	1723	1589	1462	1350	1242	1142	1048	956	863	779
-40°	1689	1558	1450	1348	1255	1165	1082	997	909	818	743
-42.5°	1535	1434	1334	1250	1171	1101	1027	947	863	781	710
-45°	1411	1324	1237	1168	1103	1039	975	899	821	748	679
-47.5°	1300	1230	1161	1094	1035	977	919	851	782	713	642
-50°	1205	1144	1083	1023	974	922	865	807	739	670	606
-52.5°	1113	1066	1018	970	919	866	812	754	689	630	574
-55°	1043	1001	955	908	861	813	760	702	646	592	534
-57.5°	974	933	892	852	814	763	709	655	600	545	489
-60°	900	865	826	787	750	706	651	598	547	496	442
-62.5°	810	777	744	708	672	632	582	534	489	445	397
-65°	711	681	650	619	583	544	501	464	429	394	350
-67.5°	616	589	560	527	495	462	431	400	368	335	295
-70°	529	505	479	450	421	392	364	335	305	275	245
-72.5°	447	427	405	379	353	327	301	276	251	224	199
-75°	368	351	333	311	288	266	245	224	204	183	163
-77.5°	289	275	260	244	227	211	195	177	160	143	127
-80°	214	204	194	182	170	157	144	130	116	103	91
-82.5°	148	143	137	127	117	107	98	88	78	69	60
-85°	89	85	81	75	69	62	56	50	45	39	33
-87.5°	34	34	33	30	28	25	22	20	17	15	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627774 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-750-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	1	0	0	0
60°	5	4	2	2	1	0	1	2	2	0	0
57.5°	15	10	6	5	4	2	1	3	4	2	0
55°	29	22	13	8	7	6	3	4	6	4	0
52.5°	58	40	27	14	9	9	6	4	6	7	3
50°	94	66	46	29	12	11	9	6	7	9	5
47.5°	139	101	70	47	28	14	12	8	7	9	7
45°	176	144	101	69	45	26	17	9	8	9	8
42.5°	213	181	140	91	65	41	24	14	9	9	9
40°	258	218	178	129	87	55	36	22	9	9	9
37.5°	303	258	214	163	112	75	47	30	13	11	9
35°	350	301	247	195	142	97	58	39	22	14	9
32.5°	396	341	282	226	169	118	73	50	30	17	9
30°	448	378	315	255	194	141	93	61	38	21	10
27.5°	498	413	345	284	220	162	114	73	46	26	13
25°	545	455	377	309	246	184	133	86	55	32	16
22.5°	589	497	407	332	273	206	152	102	65	39	19
20°	634	537	437	364	299	230	170	117	75	44	23
17.5°	679	577	478	397	325	252	187	132	86	50	27
15°	724	617	515	428	350	273	203	144	96	55	31
12.5°	763	652	548	456	374	291	219	156	106	60	35
10°	798	684	577	483	397	308	232	167	115	65	40
7.5°	827	712	601	506	418	324	245	177	124	70	44
5°	851	734	621	523	434	340	256	186	133	75	48
2.5°	866	748	636	537	447	354	266	194	140	79	52
0°	877	758	648	548	457	365	274	201	146	82	55
-2.5°	887	768	661	559	467	377	283	207	151	90	56
-5°	892	774	670	568	475	387	289	211	155	98	57
-7.5°	897	779	676	574	481	393	294	215	159	104	57
-10°	897	784	682	580	486	397	297	217	162	108	58
-12.5°	894	786	684	582	488	399	303	222	164	111	58
-15°	887	784	682	581	488	399	307	227	166	112	59
-17.5°	876	780	677	576	486	398	308	229	167	111	61
-20°	867	771	669	567	482	396	308	228	167	109	64

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CATALOG NUMBER: GFLD-SA5E-750-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	855	756	657	559	475	393	305	225	165	107	66
-25°	837	738	643	552	469	388	301	219	161	104	67
-27.5°	814	718	627	542	461	381	293	214	156	101	68
-30°	787	699	613	529	449	369	282	208	151	100	68
-32.5°	759	680	597	514	435	356	269	200	146	100	68
-35°	733	657	578	495	419	340	257	189	140	98	66
-37.5°	703	632	553	474	402	323	249	184	134	96	65
-40°	675	603	524	454	383	306	239	180	130	93	63
-42.5°	645	571	501	433	363	294	229	173	126	90	60
-45°	610	542	478	411	344	280	219	165	120	86	58
-47.5°	576	517	452	386	326	265	207	156	113	83	55
-50°	549	488	423	361	305	249	193	145	107	78	52
-52.5°	515	453	391	334	282	230	178	133	101	73	48
-55°	475	415	358	307	259	209	161	123	93	67	43
-57.5°	432	375	327	280	233	186	145	112	85	60	40
-60°	389	342	297	251	205	164	130	101	76	54	37
-62.5°	351	306	262	218	179	145	115	90	67	49	33
-65°	306	264	225	189	155	126	101	79	60	43	29
-67.5°	257	223	191	159	132	108	87	69	52	37	27
-70°	214	185	157	132	110	90	75	60	45	33	24
-72.5°	175	151	127	105	90	76	63	50	38	28	21
-75°	141	121	102	86	73	62	51	40	30	23	18
-77.5°	110	94	79	68	58	49	39	30	23	18	15
-80°	80	70	61	53	44	36	28	21	17	14	11
-82.5°	53	48	43	38	31	25	19	14	11	9	8
-85°	30	27	25	22	18	14	10	8	7	6	5
-87.5°	12	12	11	10	9	7	5	4	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA5E-750-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	1	0	0	0	0	0	0
52.5°	2	0	0	0	0	0	0
50°	3	1	0	0	0	0	0
47.5°	4	2	0	0	0	0	0
45°	5	3	0	0	0	0	0
42.5°	6	4	0	0	0	0	0
40°	7	5	0	0	0	0	0
37.5°	8	6	1	0	0	0	0
35°	9	7	2	0	0	0	0
32.5°	9	8	3	0	0	0	0
30°	9	8	4	0	0	0	0
27.5°	9	9	5	0	0	0	0
25°	9	9	6	0	0	0	0
22.5°	9	9	6	0	0	0	0
20°	9	9	7	0	0	0	0
17.5°	10	9	7	0	0	0	0
15°	11	9	8	0	0	0	0
12.5°	12	9	8	0	0	0	0
10°	13	9	9	0	0	0	0
7.5°	14	9	9	0	0	0	0
5°	16	9	9	0	0	0	0
2.5°	17	9	9	0	0	0	0
0°	18	9	9	0	0	0	0
-2.5°	22	10	9	1	0	0	0
-5°	25	11	9	1	0	0	0
-7.5°	28	12	9	2	0	0	0
-10°	31	13	9	2	0	0	0
-12.5°	33	14	9	3	0	0	0
-15°	35	14	9	3	0	0	0
-17.5°	36	14	8	4	0	0	0
-20°	37	15	8	4	0	0	0

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CATALOG NUMBER: GFLD-SA5E-750-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	38	15	8	4	0	0	0
-25°	38	16	9	4	0	0	0
-27.5°	38	17	9	4	0	0	0
-30°	38	18	9	4	0	0	0
-32.5°	37	18	10	4	0	0	0
-35°	37	18	11	4	0	0	0
-37.5°	37	19	12	3	0	0	0
-40°	37	19	12	3	0	0	0
-42.5°	36	20	12	2	0	0	0
-45°	34	20	11	2	0	0	0
-47.5°	32	20	11	1	0	0	0
-50°	31	19	10	1	0	0	0
-52.5°	30	18	9	2	0	0	0
-55°	28	17	8	2	0	0	0
-57.5°	26	16	8	2	0	0	0
-60°	24	15	7	2	0	0	0
-62.5°	22	14	7	2	0	0	0
-65°	20	13	6	2	0	0	0
-67.5°	19	11	6	2	0	0	0
-70°	17	11	5	2	0	0	0
-72.5°	15	9	5	2	0	0	0
-75°	13	8	4	2	0	0	0
-77.5°	11	7	4	1	0	0	0
-80°	9	6	3	1	0	0	0
-82.5°	7	4	2	1	0	0	0
-85°	5	3	2	1	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)