

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: P627934 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-735-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627934 (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-SA6D-735-U-MR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 42693 lumens
Efficiency: N/A
Efficacy: 131.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 150527.6 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 21346.9 lumens
Beam Efficiency: 50.0%

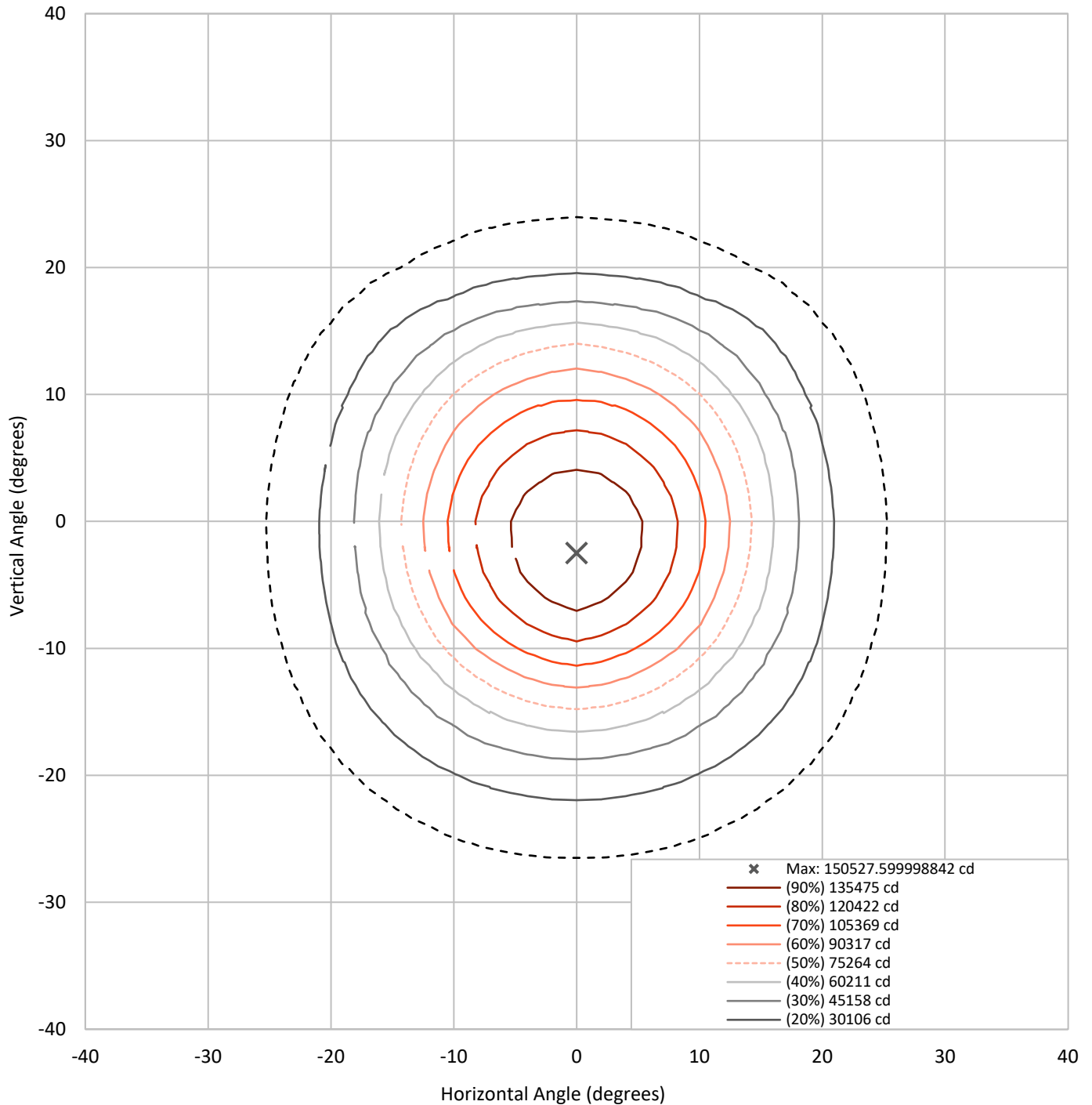
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 36681.2 lumens
Field Efficiency: 85.9%

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



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Iso-Candela Plot





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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	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				
60		0.1	0.2	1.2	2.9	4.9	6.7	8.1	8.1	6.7	4.9	2.9	1.2	0.2	0.1				
50	0.1	0.2	1.4	4.6	9.0	13.8	19.4	22.8	22.8	19.4	13.8	9.0	4.6	1.4	0.2				
40		0.6	3.6	9.1	16.8	27.6	46.1	61.4	61.4	46.1	27.6	16.8	9.1	3.6	0.6				
30	0.3	1.3	5.8	13.9	26.5	64.5	202.6	371.6	371.6	202.6	64.5	26.5	13.9	5.8	1.3				
20		2.1	7.9	19.0	45.4	222.4	904.1	1770.3	1770.3	904.1	222.4	45.4	19.0	7.9	2.1				
10	0.6	2.7	9.7	22.6	65.2	423.8	1825.6	3578.3	3578.3	1825.6	423.8	65.2	22.6	9.7	2.7				
0		3.1	10.5	23.8	69.6	444.0	1873.2	3794.3	3794.3	1873.2	444.0	69.6	23.8	10.5	3.1				
-10	0.8	3.3	10.7	23.2	57.3	272.6	1035.9	2007.9	2007.9	1035.9	272.6	57.3	23.2	10.7	3.3				
-20		3.2	10.2	21.3	42.0	105.9	320.8	572.4	572.4	320.8	105.9	42.0	21.3	10.2	3.2				
-30	0.8	2.8	9.1	18.4	31.8	52.3	85.3	114.1	114.1	85.3	52.3	31.8	18.4	9.1	2.8				
-40		2.4	7.5	15.2	25.1	36.0	47.4	53.2	53.2	47.4	36.0	25.1	15.2	7.5	2.4				
-50	0.5	1.8	5.7	11.9	19.7	27.4	34.2	37.2	37.2	34.2	27.4	19.7	11.9	5.7	1.8				
-60		1.1	3.5	7.8	13.1	18.6	23.3	25.8	25.8	23.3	18.6	13.1	7.8	3.5	1.1				
-70																			
-80	0.2	2.8	12.6	27.2	34.4	27.2	12.6	2.8											
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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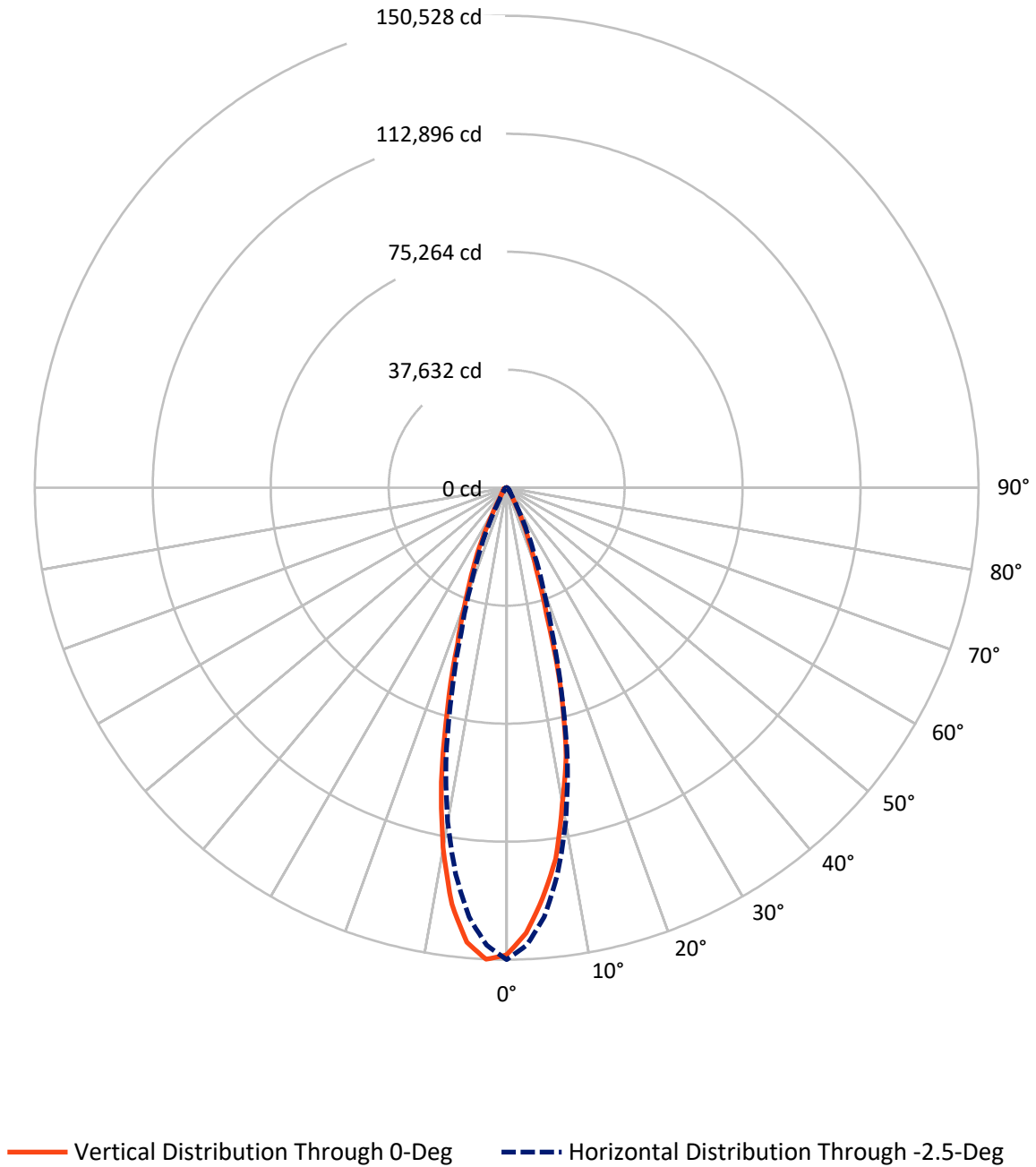
Scaled Data Report



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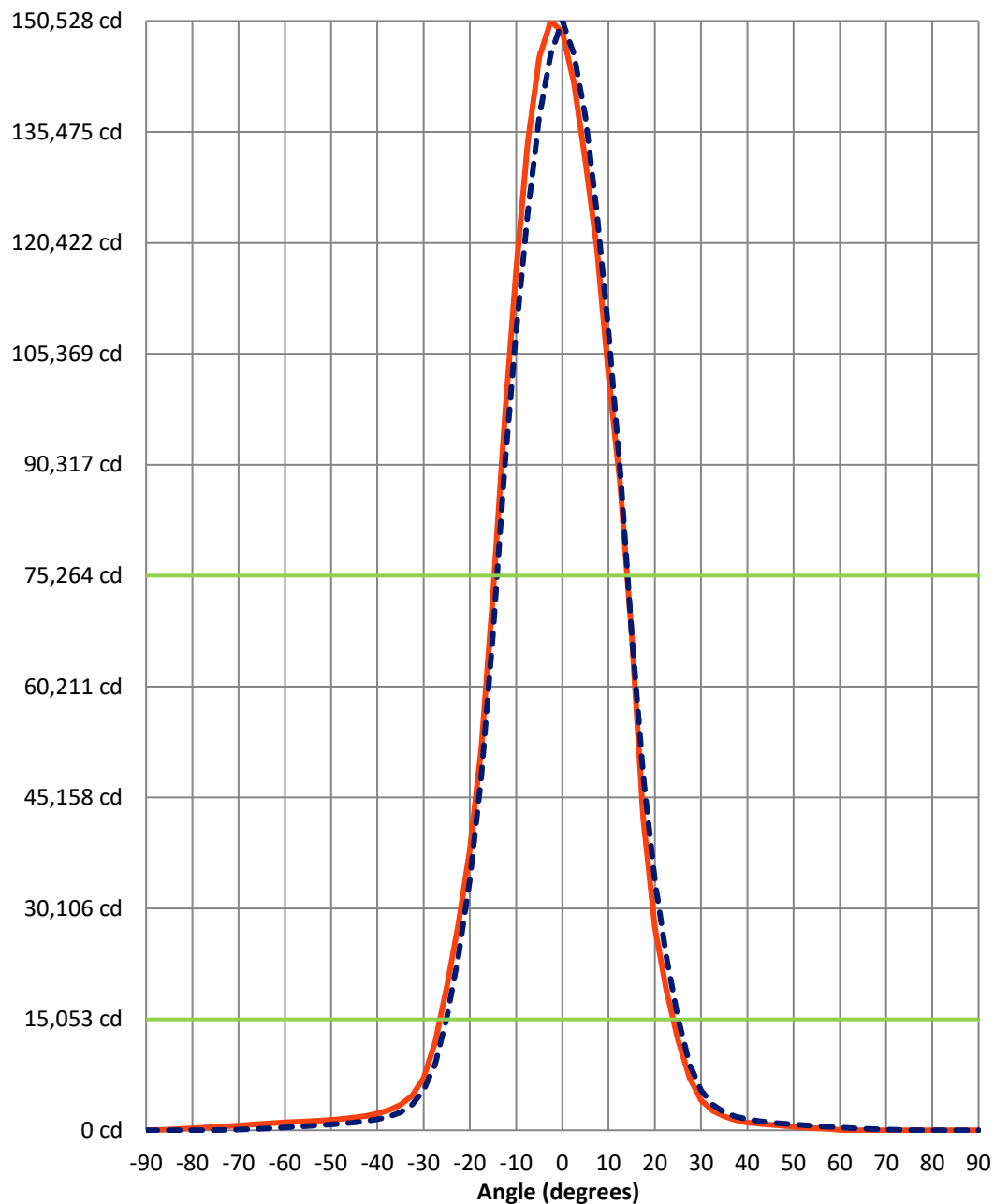
CATALOG NUMBER: GFLD-SA6D-735-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 21346.9
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 36681.2
 Efficiency: 85.9%

Spill:
 Lumens: 6011.8
 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	3
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	8	8
45°	0	0	0	0	0	3	5	9	10	9	9
42.5°	0	0	0	0	0	4	7	10	10	9	15
40°	0	0	0	0	0	5	8	10	10	10	23
37.5°	0	0	0	0	1	7	8	10	12	14	31
35°	0	0	0	0	2	8	9	10	14	23	41
32.5°	0	0	0	0	3	8	10	10	17	32	52
30°	0	0	0	0	4	9	10	10	21	40	63
27.5°	0	0	0	0	5	9	10	13	27	48	75
25°	0	0	0	0	6	9	10	16	34	57	89
22.5°	0	0	0	0	7	10	10	20	40	68	106
20°	0	0	0	0	7	10	10	24	46	78	122
17.5°	0	0	0	0	8	10	10	28	52	89	137
15°	0	0	0	0	8	10	11	32	57	100	150
12.5°	0	0	0	0	9	10	12	37	63	110	162
10°	0	0	0	0	9	10	14	41	68	120	173
7.5°	0	0	0	0	9	10	15	46	73	129	184
5°	0	0	0	0	9	10	16	50	77	138	193
2.5°	0	0	0	0	9	10	18	54	82	145	201
0°	0	0	0	0	10	10	19	57	85	152	208
-2.5°	0	0	0	1	9	11	23	58	94	157	215
-5°	0	0	0	1	9	12	26	59	101	161	219
-7.5°	0	0	0	2	9	13	29	60	108	165	223
-10°	0	0	0	2	9	13	32	60	113	168	226
-12.5°	0	0	0	3	9	14	35	60	116	170	231
-15°	0	0	0	3	9	15	36	61	116	173	235
-17.5°	0	0	0	4	9	15	38	63	115	174	237
-20°	0	0	0	4	9	15	38	66	113	173	237

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CATALOG NUMBER: GFLD-SA6D-735-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	9	15	39	68	111	171	234
-25°	0	0	0	4	9	16	39	70	108	167	227
-27.5°	0	0	0	4	9	17	39	71	104	162	223
-30°	0	0	0	4	10	18	39	71	103	157	216
-32.5°	0	0	0	4	11	19	38	70	103	151	207
-35°	0	0	0	4	11	19	39	69	102	145	196
-37.5°	0	0	0	3	12	19	39	67	100	139	191
-40°	0	0	0	3	12	20	38	65	96	135	186
-42.5°	0	0	0	2	12	21	37	62	93	131	179
-45°	0	0	0	2	12	21	36	60	90	125	171
-47.5°	0	0	0	1	11	21	33	57	86	117	162
-50°	0	0	0	1	10	20	32	54	81	111	151
-52.5°	0	0	0	2	10	19	31	50	75	104	138
-55°	0	0	0	2	9	18	29	45	69	96	128
-57.5°	0	0	0	2	8	17	27	42	62	88	117
-60°	0	0	0	2	7	16	24	38	56	79	105
-62.5°	0	0	0	2	7	14	23	34	50	69	94
-65°	0	0	0	2	7	13	21	30	45	62	82
-67.5°	0	0	0	2	6	12	19	28	39	54	71
-70°	0	0	0	2	6	11	18	25	34	46	62
-72.5°	0	0	0	2	5	10	16	22	29	39	52
-75°	0	0	0	2	5	9	14	18	24	32	42
-77.5°	0	0	0	1	4	7	12	15	19	24	31
-80°	0	0	0	1	3	6	10	12	15	18	22
-82.5°	0	0	0	1	2	5	7	9	10	12	14
-85°	0	0	0	1	2	3	5	6	6	7	8
-87.5°	0	0	0	0	1	2	2	3	3	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA6D-735-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	2	2	1	2	3
60°	1	0	1	2	2	4	6	8	9	9	19
57.5°	1	2	5	5	7	11	15	18	30	43	52
55°	3	6	8	8	14	22	30	47	63	83	100
52.5°	6	10	9	15	28	41	60	83	108	127	143
50°	9	11	12	30	47	69	98	129	151	169	196
47.5°	13	14	29	49	73	105	144	170	191	226	264
45°	18	27	46	72	104	149	183	207	244	285	325
42.5°	25	42	68	95	146	188	221	257	296	341	385
40°	37	57	91	133	185	226	267	307	349	401	448
37.5°	49	78	116	170	222	268	315	361	411	466	520
35°	60	100	147	203	257	313	363	416	479	540	601
32.5°	76	123	175	234	293	354	411	479	544	611	686
30°	97	147	202	265	327	392	464	540	605	680	761
27.5°	118	168	229	294	358	429	516	592	663	743	832
25°	138	191	255	321	391	472	566	643	718	807	911
22.5°	157	214	284	345	422	516	611	699	784	871	993
20°	176	239	311	378	453	558	658	756	854	965	1102
17.5°	194	262	337	412	496	599	705	813	923	1059	1229
15°	211	283	363	444	534	640	751	870	998	1157	1351
12.5°	227	302	388	474	568	677	792	916	1064	1254	1496
10°	241	320	412	501	598	710	828	956	1116	1321	1604
7.5°	254	337	434	525	624	739	858	991	1160	1377	1690
5°	266	353	450	543	644	762	883	1021	1194	1421	1760
2.5°	276	367	463	557	660	777	899	1039	1218	1463	1813
0°	284	379	474	569	673	787	910	1052	1232	1497	1848
-2.5°	293	392	485	581	686	797	920	1063	1248	1508	1857
-5°	300	401	493	589	695	803	926	1068	1256	1509	1861
-7.5°	305	408	499	596	702	809	930	1073	1261	1507	1859
-10°	309	412	504	601	708	814	931	1071	1254	1491	1829
-12.5°	314	414	507	604	710	815	928	1062	1236	1462	1770
-15°	318	414	507	602	708	814	920	1045	1209	1425	1693
-17.5°	320	413	505	597	703	809	910	1029	1182	1384	1640
-20°	319	411	500	589	694	800	900	1017	1158	1337	1567

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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°	317	407	493	580	681	785	887	996	1128	1278	1484
-25°	312	402	486	572	667	766	869	969	1095	1239	1414
-27.5°	305	395	478	562	651	745	845	945	1059	1191	1342
-30°	293	383	466	549	636	726	817	917	1019	1142	1280
-32.5°	279	370	451	533	619	705	788	884	983	1089	1213
-35°	267	353	435	513	600	682	761	845	942	1041	1146
-37.5°	258	336	417	492	574	656	730	809	896	992	1088
-40°	248	318	397	471	544	626	700	771	849	943	1034
-42.5°	237	305	377	449	520	593	669	737	811	896	983
-45°	227	290	357	426	496	562	633	704	776	852	933
-47.5°	215	275	339	401	469	536	598	667	740	811	883
-50°	201	258	317	375	439	506	570	629	695	767	837
-52.5°	185	239	293	347	406	470	535	596	654	715	782
-55°	167	217	268	319	371	430	493	554	615	670	728
-57.5°	151	193	242	291	339	389	448	507	565	622	680
-60°	135	170	213	260	308	354	404	459	514	568	621
-62.5°	119	151	186	226	272	318	364	412	462	508	554
-65°	105	130	161	196	233	274	318	363	408	446	482
-67.5°	90	112	137	165	198	232	266	306	347	382	415
-70°	78	93	114	137	163	192	222	254	285	316	348
-72.5°	65	79	93	109	132	157	182	206	233	260	287
-75°	53	64	76	89	106	125	146	169	190	211	233
-77.5°	40	51	61	70	82	97	114	131	149	166	184
-80°	29	37	46	55	63	73	83	95	107	121	135
-82.5°	20	26	32	39	44	49	55	62	72	81	91
-85°	11	14	18	23	26	28	31	35	40	46	52
-87.5°	5	7	9	11	12	12	13	13	16	18	21
-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	2	2	2	1	0	0
62.5°	3	4	7	10	11	11	12	13	13	13	13
60°	24	24	36	43	42	33	47	53	51	44	43
57.5°	67	83	96	100	112	132	138	136	138	144	161
55°	116	129	139	158	177	195	209	219	230	243	257
52.5°	159	180	196	216	241	256	263	290	313	330	342
50°	225	248	273	299	324	347	366	392	423	456	476
47.5°	296	325	357	396	423	445	469	505	548	587	611
45°	362	395	435	472	504	534	571	615	659	698	727
42.5°	420	459	501	543	571	618	670	715	769	818	856
40°	489	526	588	631	669	719	794	861	924	985	1023
37.5°	571	633	700	753	803	865	970	1072	1153	1234	1291
35°	668	743	826	884	959	1076	1206	1346	1488	1601	1702
32.5°	760	844	928	1021	1136	1301	1464	1690	1899	2113	2314
30°	844	937	1040	1159	1345	1575	1840	2185	2560	2934	3360
27.5°	932	1035	1157	1347	1628	1941	2430	2974	3750	4374	5381
25°	1027	1144	1310	1612	2002	2552	3405	4376	5981	7352	8898
22.5°	1143	1322	1558	1936	2587	3577	4904	7019	9484	11773	13956
20°	1286	1528	1931	2535	3467	4991	7507	10716	14143	17492	20731
17.5°	1474	1859	2435	3294	4615	7818	11563	16147	22016	26424	30603
15°	1646	2132	3004	4394	6882	11004	16237	23257	31158	37801	45315
12.5°	1849	2437	3488	5290	8846	14295	20966	29338	38689	48772	60542
10°	2027	2749	4101	6582	10896	17237	24713	34540	46550	60818	75694
7.5°	2164	3010	4613	7551	12622	19650	28568	40520	55731	72406	89372
5°	2270	3212	5016	8310	14091	21609	31382	45251	62589	81729	98600
2.5°	2352	3353	5283	8777	15083	22948	33306	47767	66786	87817	105530
0°	2417	3440	5431	9108	15544	23581	34196	48783	68752	90798	109014
-2.5°	2439	3486	5438	8993	15263	23542	33988	48160	67396	89614	108275
-5°	2448	3463	5301	8754	14766	22698	32627	45794	63253	84093	103004
-7.5°	2429	3370	5023	8168	13649	21207	30727	42284	56594	74969	94515
-10°	2364	3208	4646	7372	12112	18881	27768	37533	48965	63965	79805
-12.5°	2245	2967	4127	6180	10302	16248	24118	32750	41660	51517	64546
-15°	2104	2719	3702	5458	8626	13482	19855	27146	34540	42089	50037
-17.5°	1996	2504	3267	4493	6623	10549	15646	21504	27504	33498	38850
-20°	1860	2247	2844	3797	5343	7667	11500	16059	20541	25429	29532

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627934 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-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°	1738	2067	2514	3114	4155	5790	7975	11184	14590	18141	21509
-25°	1623	1872	2226	2708	3330	4303	5746	7423	9814	11998	14499
-27.5°	1526	1734	1975	2332	2802	3335	4221	5200	6454	7495	9164
-30°	1432	1599	1797	2027	2372	2778	3253	3847	4460	5075	5875
-32.5°	1345	1485	1640	1826	2039	2343	2639	3019	3355	3725	4106
-35°	1259	1383	1511	1658	1823	2023	2245	2497	2720	2942	3143
-37.5°	1185	1289	1401	1517	1649	1788	1962	2140	2290	2435	2559
-40°	1123	1209	1302	1399	1504	1617	1752	1883	1985	2079	2157
-42.5°	1066	1142	1215	1297	1385	1488	1593	1693	1763	1828	1880
-45°	1012	1078	1145	1212	1283	1373	1464	1542	1597	1645	1684
-47.5°	954	1014	1074	1136	1205	1276	1349	1407	1456	1497	1526
-50°	897	956	1011	1062	1123	1187	1250	1300	1342	1379	1398
-52.5°	843	899	953	1006	1056	1106	1155	1203	1246	1284	1298
-55°	788	844	893	942	991	1038	1083	1124	1162	1199	1210
-57.5°	736	792	844	884	925	968	1011	1051	1088	1121	1133
-60°	676	732	778	817	857	897	934	971	1007	1039	1053
-62.5°	604	656	697	735	772	806	840	874	906	933	948
-65°	520	564	605	642	675	706	738	768	795	816	829
-67.5°	447	479	514	547	581	612	640	666	691	708	719
-70°	377	406	437	467	497	524	549	572	594	610	622
-72.5°	313	339	366	393	420	443	464	485	504	518	529
-75°	254	276	299	322	345	364	382	398	414	426	436
-77.5°	202	219	236	253	270	286	300	313	325	335	344
-80°	149	163	176	189	201	212	223	233	244	252	260
-82.5°	101	111	122	132	142	148	154	159	164	170	177
-85°	58	65	71	78	84	88	92	96	100	103	107
-87.5°	23	26	29	31	34	35	36	36	37	39	42
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627934 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-735-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	10	9	9	9	10	11	13	13	13	13
60°	41	38	38	38	38	38	41	43	44	51	53
57.5°	177	189	197	199	197	189	177	161	144	138	136
55°	269	278	279	275	279	278	269	257	243	230	219
52.5°	347	348	346	341	346	348	347	342	330	313	290
50°	482	481	481	483	481	481	482	476	456	423	392
47.5°	620	627	629	626	629	627	620	611	587	548	505
45°	740	750	753	749	753	750	740	727	698	659	615
42.5°	870	876	878	881	878	876	870	856	818	769	715
40°	1041	1047	1046	1043	1046	1047	1041	1023	985	924	861
37.5°	1330	1350	1359	1384	1359	1350	1330	1291	1234	1153	1072
35°	1780	1829	1855	1896	1855	1829	1780	1702	1601	1488	1346
32.5°	2459	2558	2611	2663	2611	2558	2459	2314	2113	1899	1690
30°	3655	3851	3930	4076	3930	3851	3655	3360	2934	2560	2185
27.5°	6119	6582	6765	7146	6765	6582	6119	5381	4374	3750	2974
25°	10307	11306	11857	12293	11857	11306	10307	8898	7352	5981	4376
22.5°	16159	17624	18406	18984	18406	17624	16159	13956	11773	9484	7019
20°	23667	25600	26753	27590	26753	25600	23667	20731	17492	14143	10716
17.5°	35969	39007	40783	42309	40783	39007	35969	30603	26424	22016	16147
15°	53699	59803	64547	67189	64547	59803	53699	45315	37801	31158	23257
12.5°	70947	79887	85198	87642	85198	79887	70947	60542	48772	38689	29338
10°	88004	96434	101487	102380	101487	96434	88004	75694	60818	46550	34540
7.5°	101062	110333	117048	119488	117048	110333	101062	89372	72406	55731	40520
5°	112596	123451	130557	131458	130557	123451	112596	98600	81729	62589	45251
2.5°	121079	132880	139771	142140	139771	132880	121079	105530	87817	66786	47767
0°	125184	137894	145561	149011	145561	137894	125184	109014	90798	68752	48783
-2.5°	124320	137466	146024	150528	146024	137466	124320	108275	89614	67396	48160
-5°	119593	132777	140758	145542	140758	132777	119593	103004	84093	63253	45794
-7.5°	108693	121022	129517	133932	129517	121022	108693	94515	74969	56594	42284
-10°	94647	105081	112824	116587	112824	105081	94647	79805	63965	48965	37533
-12.5°	76394	86516	93501	96162	93501	86516	76394	64546	51517	41660	32750
-15°	58532	66256	71219	72790	71219	66256	58532	50037	42089	34540	27146
-17.5°	44388	48547	51338	52090	51338	48547	44388	38850	33498	27504	21504
-20°	33255	35832	37644	38073	37644	35832	33255	29532	25429	20541	16059

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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°	24230	26168	27631	27922	27631	26168	24230	21509	18141	14590	11184
-25°	16714	18334	19326	19401	19326	18334	16714	14499	11998	9814	7423
-27.5°	10479	11368	11828	11990	11828	11368	10479	9164	7495	6454	5200
-30°	6475	6885	7101	7108	7101	6885	6475	5875	5075	4460	3847
-32.5°	4396	4594	4702	4701	4702	4594	4396	4106	3725	3355	3019
-35°	3293	3395	3453	3459	3453	3395	3293	3143	2942	2720	2497
-37.5°	2648	2704	2734	2739	2734	2704	2648	2559	2435	2290	2140
-40°	2214	2253	2278	2294	2278	2253	2214	2157	2079	1985	1883
-42.5°	1915	1941	1952	1943	1952	1941	1915	1880	1828	1763	1693
-45°	1706	1721	1731	1735	1731	1721	1706	1684	1645	1597	1542
-47.5°	1539	1547	1552	1554	1552	1547	1539	1526	1497	1456	1407
-50°	1408	1415	1416	1412	1416	1415	1408	1398	1379	1342	1300
-52.5°	1303	1305	1306	1308	1306	1305	1303	1298	1284	1246	1203
-55°	1216	1219	1222	1223	1222	1219	1216	1210	1199	1162	1124
-57.5°	1143	1151	1151	1147	1151	1151	1143	1133	1121	1088	1051
-60°	1065	1075	1079	1081	1079	1075	1065	1053	1039	1007	971
-62.5°	960	970	975	976	975	970	960	948	933	906	874
-65°	840	848	860	872	860	848	840	829	816	795	768
-67.5°	728	735	747	758	747	735	728	719	708	691	666
-70°	632	641	644	645	644	641	632	622	610	594	572
-72.5°	538	547	549	550	549	547	538	529	518	504	485
-75°	445	452	454	455	454	452	445	436	426	414	398
-77.5°	351	358	360	360	360	358	351	344	335	325	313
-80°	267	273	270	265	270	273	267	260	252	244	233
-82.5°	183	189	185	180	185	189	183	177	170	164	159
-85°	110	113	109	104	109	113	110	107	103	100	96
-87.5°	45	47	43	38	43	47	45	42	39	37	36
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627934 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-735-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	11	10	7	4	3	3	2	1	2
60°	47	33	42	43	36	24	24	19	9	9	8
57.5°	138	132	112	100	96	83	67	52	43	30	18
55°	209	195	177	158	139	129	116	100	83	63	47
52.5°	263	256	241	216	196	180	159	143	127	108	83
50°	366	347	324	299	273	248	225	196	169	151	129
47.5°	469	445	423	396	357	325	296	264	226	191	170
45°	571	534	504	472	435	395	362	325	285	244	207
42.5°	670	618	571	543	501	459	420	385	341	296	257
40°	794	719	669	631	588	526	489	448	401	349	307
37.5°	970	865	803	753	700	633	571	520	466	411	361
35°	1206	1076	959	884	826	743	668	601	540	479	416
32.5°	1464	1301	1136	1021	928	844	760	686	611	544	479
30°	1840	1575	1345	1159	1040	937	844	761	680	605	540
27.5°	2430	1941	1628	1347	1157	1035	932	832	743	663	592
25°	3405	2552	2002	1612	1310	1144	1027	911	807	718	643
22.5°	4904	3577	2587	1936	1558	1322	1143	993	871	784	699
20°	7507	4991	3467	2535	1931	1528	1286	1102	965	854	756
17.5°	11563	7818	4615	3294	2435	1859	1474	1229	1059	923	813
15°	16237	11004	6882	4394	3004	2132	1646	1351	1157	998	870
12.5°	20966	14295	8846	5290	3488	2437	1849	1496	1254	1064	916
10°	24713	17237	10896	6582	4101	2749	2027	1604	1321	1116	956
7.5°	28568	19650	12622	7551	4613	3010	2164	1690	1377	1160	991
5°	31382	21609	14091	8310	5016	3212	2270	1760	1421	1194	1021
2.5°	33306	22948	15083	8777	5283	3353	2352	1813	1463	1218	1039
0°	34196	23581	15544	9108	5431	3440	2417	1848	1497	1232	1052
-2.5°	33988	23542	15263	8993	5438	3486	2439	1857	1508	1248	1063
-5°	32627	22698	14766	8754	5301	3463	2448	1861	1509	1256	1068
-7.5°	30727	21207	13649	8168	5023	3370	2429	1859	1507	1261	1073
-10°	27768	18881	12112	7372	4646	3208	2364	1829	1491	1254	1071
-12.5°	24118	16248	10302	6180	4127	2967	2245	1770	1462	1236	1062
-15°	19855	13482	8626	5458	3702	2719	2104	1693	1425	1209	1045
-17.5°	15646	10549	6623	4493	3267	2504	1996	1640	1384	1182	1029
-20°	11500	7667	5343	3797	2844	2247	1860	1567	1337	1158	1017

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REPORT NUMBER: P627934 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-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°	7975	5790	4155	3114	2514	2067	1738	1484	1278	1128	996
-25°	5746	4303	3330	2708	2226	1872	1623	1414	1239	1095	969
-27.5°	4221	3335	2802	2332	1975	1734	1526	1342	1191	1059	945
-30°	3253	2778	2372	2027	1797	1599	1432	1280	1142	1019	917
-32.5°	2639	2343	2039	1826	1640	1485	1345	1213	1089	983	884
-35°	2245	2023	1823	1658	1511	1383	1259	1146	1041	942	845
-37.5°	1962	1788	1649	1517	1401	1289	1185	1088	992	896	809
-40°	1752	1617	1504	1399	1302	1209	1123	1034	943	849	771
-42.5°	1593	1488	1385	1297	1215	1142	1066	983	896	811	737
-45°	1464	1373	1283	1212	1145	1078	1012	933	852	776	704
-47.5°	1349	1276	1205	1136	1074	1014	954	883	811	740	667
-50°	1250	1187	1123	1062	1011	956	897	837	767	695	629
-52.5°	1155	1106	1056	1006	953	899	843	782	715	654	596
-55°	1083	1038	991	942	893	844	788	728	670	615	554
-57.5°	1011	968	925	884	844	792	736	680	622	565	507
-60°	934	897	857	817	778	732	676	621	568	514	459
-62.5°	840	806	772	735	697	656	604	554	508	462	412
-65°	738	706	675	642	605	564	520	482	446	408	363
-67.5°	640	612	581	547	514	479	447	415	382	347	306
-70°	549	524	497	467	437	406	377	348	316	285	254
-72.5°	464	443	420	393	366	339	313	287	260	233	206
-75°	382	364	345	322	299	276	254	233	211	190	169
-77.5°	300	286	270	253	236	219	202	184	166	149	131
-80°	223	212	201	189	176	163	149	135	121	107	95
-82.5°	154	148	142	132	122	111	101	91	81	72	62
-85°	92	88	84	78	71	65	58	52	46	40	35
-87.5°	36	35	34	31	29	26	23	21	18	16	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627934 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-735-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°	2	0	0	0	0	0	0	1	0	0	0
60°	6	4	2	2	1	0	1	3	2	0	0
57.5°	15	11	7	5	5	2	1	3	4	2	0
55°	30	22	14	8	8	6	3	4	6	4	0
52.5°	60	41	28	15	9	10	6	4	6	7	3
50°	98	69	47	30	12	11	9	6	7	9	5
47.5°	144	105	73	49	29	14	13	8	8	9	7
45°	183	149	104	72	46	27	18	9	9	10	9
42.5°	221	188	146	95	68	42	25	15	9	10	10
40°	267	226	185	133	91	57	37	23	10	10	10
37.5°	315	268	222	170	116	78	49	31	14	12	10
35°	363	313	257	203	147	100	60	41	23	14	10
32.5°	411	354	293	234	175	123	76	52	32	17	10
30°	464	392	327	265	202	147	97	63	40	21	10
27.5°	516	429	358	294	229	168	118	75	48	27	13
25°	566	472	391	321	255	191	138	89	57	34	16
22.5°	611	516	422	345	284	214	157	106	68	40	20
20°	658	558	453	378	311	239	176	122	78	46	24
17.5°	705	599	496	412	337	262	194	137	89	52	28
15°	751	640	534	444	363	283	211	150	100	57	32
12.5°	792	677	568	474	388	302	227	162	110	63	37
10°	828	710	598	501	412	320	241	173	120	68	41
7.5°	858	739	624	525	434	337	254	184	129	73	46
5°	883	762	644	543	450	353	266	193	138	77	50
2.5°	899	777	660	557	463	367	276	201	145	82	54
0°	910	787	673	569	474	379	284	208	152	85	57
-2.5°	920	797	686	581	485	392	293	215	157	94	58
-5°	926	803	695	589	493	401	300	219	161	101	59
-7.5°	930	809	702	596	499	408	305	223	165	108	60
-10°	931	814	708	601	504	412	309	226	168	113	60
-12.5°	928	815	710	604	507	414	314	231	170	116	60
-15°	920	814	708	602	507	414	318	235	173	116	61
-17.5°	910	809	703	597	505	413	320	237	174	115	63
-20°	900	800	694	589	500	411	319	237	173	113	66

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	887	785	681	580	493	407	317	234	171	111	68
-25°	869	766	667	572	486	402	312	227	167	108	70
-27.5°	845	745	651	562	478	395	305	223	162	104	71
-30°	817	726	636	549	466	383	293	216	157	103	71
-32.5°	788	705	619	533	451	370	279	207	151	103	70
-35°	761	682	600	513	435	353	267	196	145	102	69
-37.5°	730	656	574	492	417	336	258	191	139	100	67
-40°	700	626	544	471	397	318	248	186	135	96	65
-42.5°	669	593	520	449	377	305	237	179	131	93	62
-45°	633	562	496	426	357	290	227	171	125	90	60
-47.5°	598	536	469	401	339	275	215	162	117	86	57
-50°	570	506	439	375	317	258	201	151	111	81	54
-52.5°	535	470	406	347	293	239	185	138	104	75	50
-55°	493	430	371	319	268	217	167	128	96	69	45
-57.5°	448	389	339	291	242	193	151	117	88	62	42
-60°	404	354	308	260	213	170	135	105	79	56	38
-62.5°	364	318	272	226	186	151	119	94	69	50	34
-65°	318	274	233	196	161	130	105	82	62	45	30
-67.5°	266	232	198	165	137	112	90	71	54	39	28
-70°	222	192	163	137	114	93	78	62	46	34	25
-72.5°	182	157	132	109	93	79	65	52	39	29	22
-75°	146	125	106	89	76	64	53	42	32	24	18
-77.5°	114	97	82	70	61	51	40	31	24	19	15
-80°	83	73	63	55	46	37	29	22	18	15	12
-82.5°	55	49	44	39	32	26	20	14	12	10	9
-85°	31	28	26	23	18	14	11	8	7	6	6
-87.5°	13	12	12	11	9	7	5	4	4	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627934 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-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°	7	4	0	0	0	0	0
40°	8	5	0	0	0	0	0
37.5°	8	7	1	0	0	0	0
35°	9	8	2	0	0	0	0
32.5°	10	8	3	0	0	0	0
30°	10	9	4	0	0	0	0
27.5°	10	9	5	0	0	0	0
25°	10	9	6	0	0	0	0
22.5°	10	10	7	0	0	0	0
20°	10	10	7	0	0	0	0
17.5°	10	10	8	0	0	0	0
15°	11	10	8	0	0	0	0
12.5°	12	10	9	0	0	0	0
10°	14	10	9	0	0	0	0
7.5°	15	10	9	0	0	0	0
5°	16	10	9	0	0	0	0
2.5°	18	10	9	0	0	0	0
0°	19	10	10	0	0	0	0
-2.5°	23	11	9	1	0	0	0
-5°	26	12	9	1	0	0	0
-7.5°	29	13	9	2	0	0	0
-10°	32	13	9	2	0	0	0
-12.5°	35	14	9	3	0	0	0
-15°	36	15	9	3	0	0	0
-17.5°	38	15	9	4	0	0	0
-20°	38	15	9	4	0	0	0

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CATALOG NUMBER: GFLD-SA6D-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	39	15	9	4	0	0	0
-25°	39	16	9	4	0	0	0
-27.5°	39	17	9	4	0	0	0
-30°	39	18	10	4	0	0	0
-32.5°	38	19	11	4	0	0	0
-35°	39	19	11	4	0	0	0
-37.5°	39	19	12	3	0	0	0
-40°	38	20	12	3	0	0	0
-42.5°	37	21	12	2	0	0	0
-45°	36	21	12	2	0	0	0
-47.5°	33	21	11	1	0	0	0
-50°	32	20	10	1	0	0	0
-52.5°	31	19	10	2	0	0	0
-55°	29	18	9	2	0	0	0
-57.5°	27	17	8	2	0	0	0
-60°	24	16	7	2	0	0	0
-62.5°	23	14	7	2	0	0	0
-65°	21	13	7	2	0	0	0
-67.5°	19	12	6	2	0	0	0
-70°	18	11	6	2	0	0	0
-72.5°	16	10	5	2	0	0	0
-75°	14	9	5	2	0	0	0
-77.5°	12	7	4	1	0	0	0
-80°	10	6	3	1	0	0	0
-82.5°	7	5	2	1	0	0	0
-85°	5	3	2	1	0	0	0
-87.5°	2	2	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)