

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: P627704 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627704 (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-SA5D-740-U-MR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 36300.5 lumens
Efficiency: N/A
Efficacy: 133.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 127988.9 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 18150.6 lumens
Beam Efficiency: 50.0%

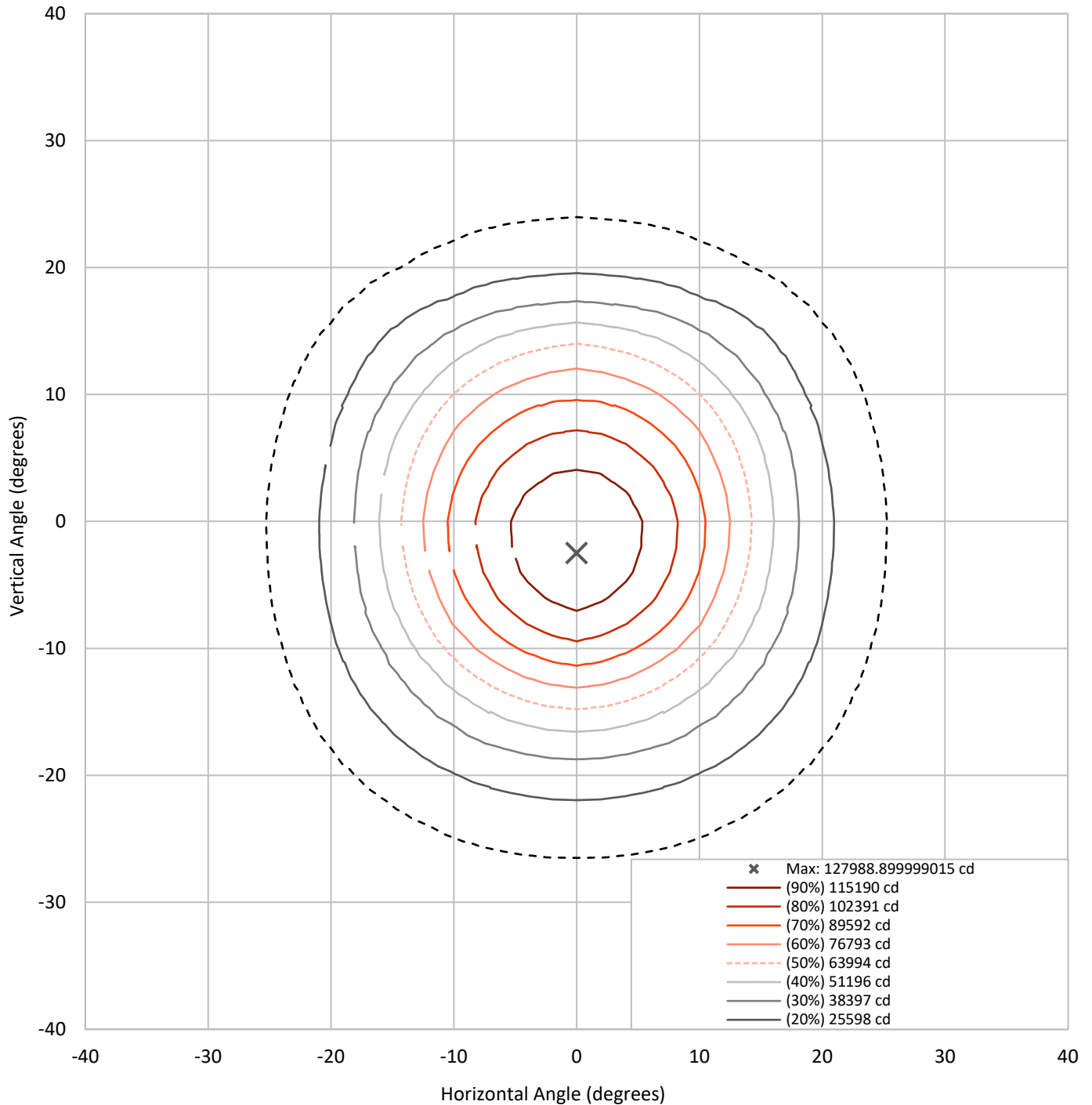
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 31188.8 lumens
Field Efficiency: 85.9%

Input Watts (W): 271.3
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-SA5D-740-U-MR-VSR-XX

Iso-Candela Plot





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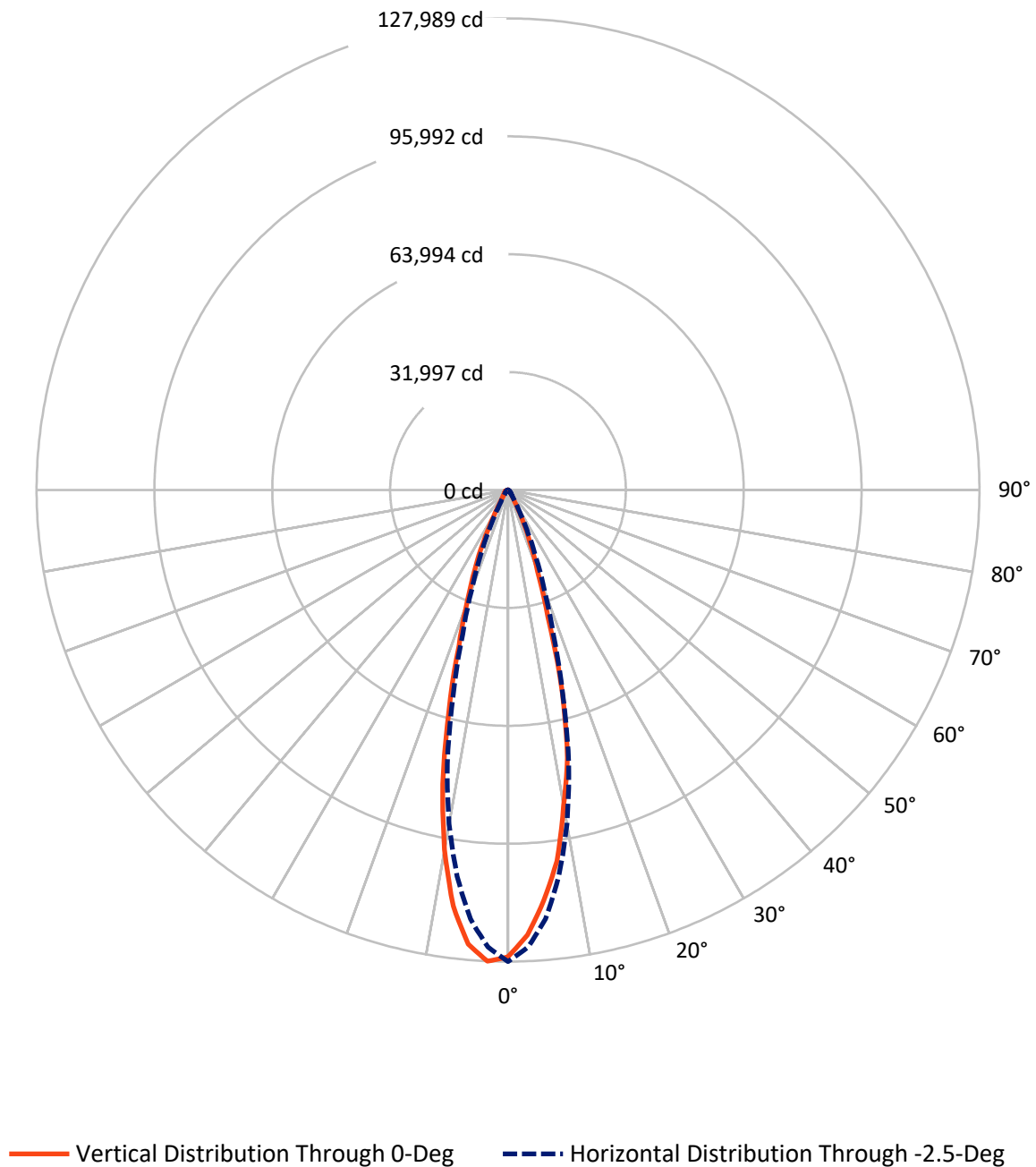
CATALOG NUMBER: GFLD-SA5D-740-U-MR-VSR-XX

Lumen Table

90																								
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0								
50		0.0	0.2	1.0	2.5	4.2	5.7	6.9	6.9	5.7	4.2	2.5	1.0	0.2	0.0									
40	0.1	0.2	1.2	4.0	7.6	11.8	16.5	19.3	19.3	16.5	11.8	7.6	4.0	1.2	0.2	0.1								
30		0.5	3.1	7.8	14.3	23.4	39.2	52.2	52.2	39.2	23.4	14.3	7.8	3.1	0.5									
20	0.3	1.1	4.9	11.9	22.6	54.8	172.3	316.0	316.0	172.3	54.8	22.6	11.9	4.9	1.1	0.3								
10		1.8	6.8	16.1	38.6	189.1	768.7	1505.2	1505.2	768.7	189.1	38.6	16.1	6.8	1.8									
0	0.5	2.3	8.2	19.2	55.4	360.3	1552.2	3042.5	3042.5	1552.2	360.3	55.4	19.2	8.2	2.3	0.5								
-10		2.6	8.9	20.3	59.2	377.5	1592.7	3226.1	3226.1	1592.7	377.5	59.2	20.3	8.9	2.6									
-20	0.7	2.8	9.1	19.8	48.7	231.8	880.8	1707.3	1707.3	880.8	231.8	48.7	19.8	9.1	2.8	0.7								
-30		2.7	8.7	18.1	35.7	90.0	272.7	486.7	486.7	272.7	90.0	35.7	18.1	8.7	2.7									
-40	0.7	2.4	7.7	15.7	27.1	44.4	72.5	97.0	97.0	72.5	44.4	27.1	15.7	7.7	2.4	0.7								
-50		2.0	6.4	13.0	21.4	30.6	40.3	45.2	45.2	40.3	30.6	21.4	13.0	6.4	2.0									
-60	0.4	1.5	4.8	10.1	16.7	23.3	29.1	31.6	31.6	29.1	23.3	16.7	10.1	4.8	1.5	0.4								
-70		1.0	3.0	6.6	11.2	15.8	19.8	22.0	22.0	19.8	15.8	11.2	6.6	3.0	1.0									
-80	0.1	2.4	10.7	23.2	29.3	23.2	10.7	2.4	0.1															
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90					

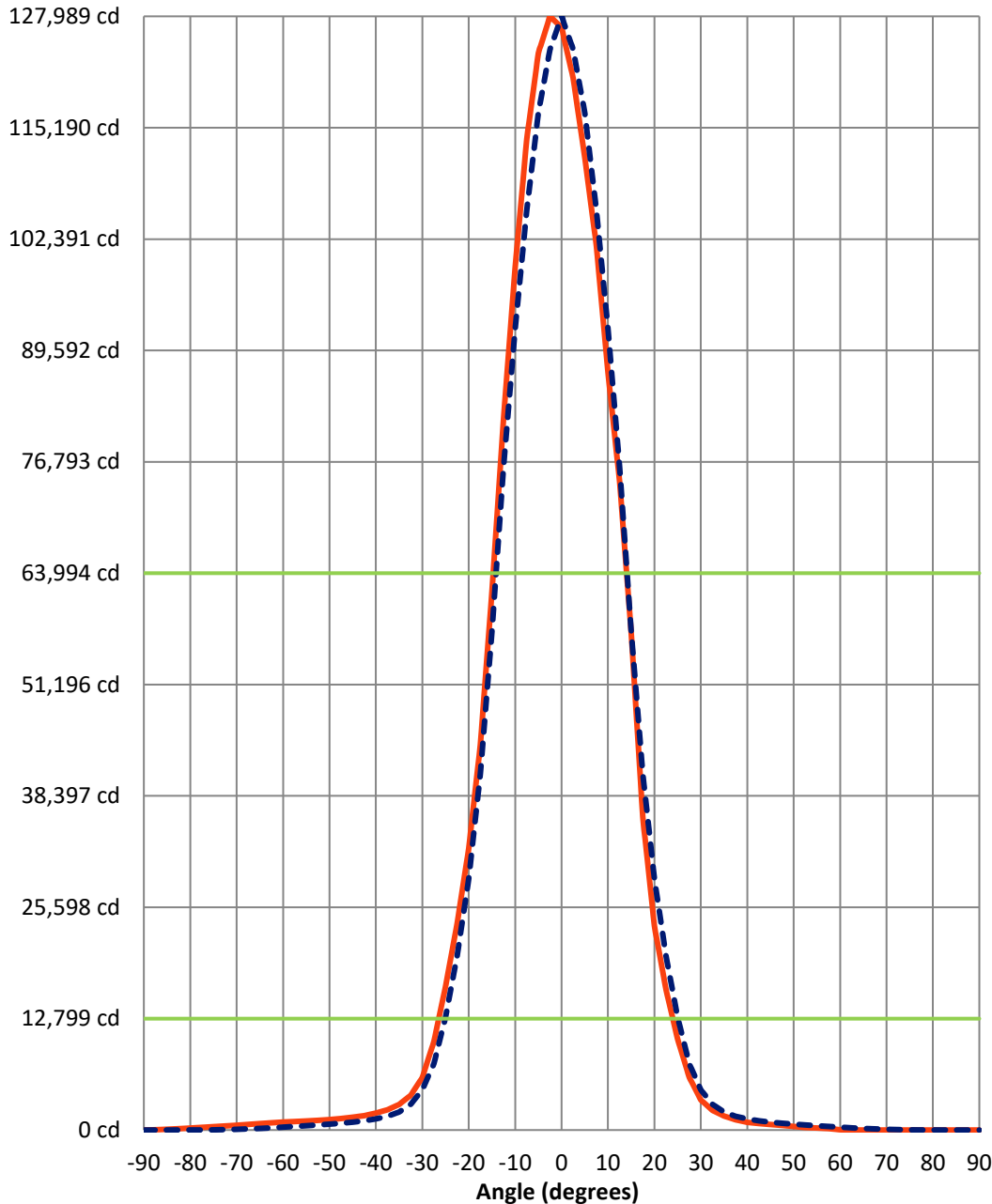
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 18150.6
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 31188.8
 Efficiency: 85.9%

Spill:
 Lumens: 5111.6
 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	3	3
55°	0	0	0	0	0	0	1	0	4	5	3
52.5°	0	0	0	0	0	0	2	2	6	6	4
50°	0	0	0	0	0	1	2	4	8	6	5
47.5°	0	0	0	0	0	2	3	6	8	6	7
45°	0	0	0	0	0	3	4	8	8	7	8
42.5°	0	0	0	0	0	4	6	8	8	8	13
40°	0	0	0	0	0	5	6	8	8	8	19
37.5°	0	0	0	0	1	6	7	8	10	12	27
35°	0	0	0	0	2	6	8	8	12	19	35
32.5°	0	0	0	0	3	7	8	8	15	27	44
30°	0	0	0	0	4	7	8	9	18	34	54
27.5°	0	0	0	0	4	8	8	11	23	41	64
25°	0	0	0	0	5	8	8	14	29	49	75
22.5°	0	0	0	0	6	8	8	17	34	58	90
20°	0	0	0	0	6	8	8	20	39	67	104
17.5°	0	0	0	0	7	8	9	23	44	76	116
15°	0	0	0	0	7	8	9	27	49	85	127
12.5°	0	0	0	0	7	8	10	31	53	93	138
10°	0	0	0	0	8	8	11	35	58	102	147
7.5°	0	0	0	0	8	8	13	39	62	110	156
5°	0	0	0	0	8	8	14	42	66	117	164
2.5°	0	0	0	0	8	8	15	46	69	123	171
0°	0	0	0	0	8	8	16	48	72	129	177
-2.5°	0	0	0	1	8	9	19	49	80	133	182
-5°	0	0	0	1	8	10	22	50	86	137	187
-7.5°	0	0	0	2	8	11	25	51	91	140	190
-10°	0	0	0	2	8	11	27	51	96	143	192
-12.5°	0	0	0	2	8	12	29	51	98	145	196
-15°	0	0	0	3	8	12	31	52	99	147	200
-17.5°	0	0	0	3	8	13	32	53	98	148	202
-20°	0	0	0	3	7	13	32	56	96	147	201

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REPORT NUMBER: P627704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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	13	33	58	94	145	199
-25°	0	0	0	4	8	14	33	59	92	142	193
-27.5°	0	0	0	4	8	15	34	60	89	138	189
-30°	0	0	0	4	8	16	33	60	88	133	183
-32.5°	0	0	0	3	9	16	33	60	88	129	176
-35°	0	0	0	3	10	16	33	59	87	124	167
-37.5°	0	0	0	3	10	17	33	57	85	118	163
-40°	0	0	0	2	11	17	33	55	82	114	158
-42.5°	0	0	0	2	11	18	32	53	79	111	153
-45°	0	0	0	1	10	18	30	51	76	106	145
-47.5°	0	0	0	1	10	18	28	49	73	100	138
-50°	0	0	0	1	9	17	28	46	69	95	128
-52.5°	0	0	0	1	8	16	26	42	64	89	117
-55°	0	0	0	2	8	15	25	38	59	82	109
-57.5°	0	0	0	2	7	14	23	35	53	75	99
-60°	0	0	0	2	6	13	21	32	47	67	89
-62.5°	0	0	0	2	6	12	20	29	43	59	80
-65°	0	0	0	2	6	11	18	26	38	53	69
-67.5°	0	0	0	2	5	10	17	24	33	46	61
-70°	0	0	0	2	5	9	15	21	29	40	53
-72.5°	0	0	0	2	4	8	13	18	25	33	44
-75°	0	0	0	1	4	7	12	16	20	27	35
-77.5°	0	0	0	1	3	6	10	13	16	20	26
-80°	0	0	0	1	3	5	8	10	12	15	19
-82.5°	0	0	0	1	2	4	6	7	8	10	12
-85°	0	0	0	1	1	3	4	5	6	6	7
-87.5°	0	0	0	0	1	1	2	2	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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	7	8	16
57.5°	1	2	4	4	6	9	13	15	25	37	45
55°	2	5	6	7	12	19	26	40	54	71	85
52.5°	5	8	8	13	24	35	51	71	92	108	121
50°	8	9	11	26	40	59	83	110	128	144	167
47.5°	11	12	25	41	62	90	122	144	163	192	225
45°	15	23	39	61	89	127	155	176	208	242	277
42.5°	21	36	57	81	124	160	188	218	252	290	327
40°	31	48	77	113	157	192	227	261	296	341	381
37.5°	42	67	99	144	189	228	268	307	350	396	442
35°	51	85	125	172	218	266	309	354	407	459	511
32.5°	65	104	149	199	249	301	349	407	463	519	583
30°	82	125	171	225	278	333	395	459	514	578	647
27.5°	101	143	194	250	305	365	439	504	564	632	707
25°	118	163	217	273	332	401	481	547	610	686	775
22.5°	134	182	241	293	359	439	520	594	666	741	845
20°	150	203	264	321	385	474	559	642	726	821	937
17.5°	165	223	286	350	421	509	599	691	785	900	1045
15°	179	241	309	377	454	544	638	740	849	983	1149
12.5°	193	257	330	403	483	576	673	779	905	1067	1272
10°	205	272	350	426	509	604	704	813	949	1123	1364
7.5°	216	286	369	447	530	629	730	843	986	1171	1437
5°	226	300	383	462	548	648	751	868	1015	1208	1496
2.5°	235	312	394	474	561	660	764	884	1035	1244	1542
0°	242	322	403	483	572	669	774	894	1048	1273	1571
-2.5°	249	333	412	494	583	677	783	904	1061	1282	1579
-5°	255	341	419	501	591	683	787	908	1068	1283	1582
-7.5°	260	347	425	507	597	688	791	912	1072	1281	1581
-10°	262	350	429	511	602	692	792	911	1066	1267	1555
-12.5°	267	352	431	513	603	693	789	903	1051	1243	1505
-15°	271	352	431	512	602	692	782	889	1028	1211	1439
-17.5°	272	351	429	508	598	688	773	875	1005	1177	1395
-20°	272	349	425	501	590	680	765	864	985	1137	1332

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CATALOG NUMBER: GFLD-SA5D-740-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°	269	346	419	493	579	667	754	847	959	1087	1262
-25°	266	342	414	487	567	652	738	824	931	1053	1202
-27.5°	259	336	407	478	554	634	718	804	900	1012	1141
-30°	249	326	396	467	541	617	695	780	867	971	1088
-32.5°	237	314	384	454	527	599	670	751	836	926	1031
-35°	227	300	370	436	510	580	647	719	801	885	975
-37.5°	220	285	354	418	488	557	621	688	762	844	925
-40°	211	270	338	400	463	532	595	656	722	802	879
-42.5°	202	259	320	382	442	504	569	626	689	762	836
-45°	193	247	303	363	422	478	538	599	660	724	793
-47.5°	183	234	288	341	399	456	508	567	629	690	751
-50°	171	220	269	319	373	430	485	535	591	652	712
-52.5°	157	203	249	295	345	399	455	507	556	608	665
-55°	142	185	228	271	316	366	419	471	523	570	619
-57.5°	128	164	205	247	288	331	381	431	481	529	578
-60°	115	145	181	221	262	301	344	390	437	483	528
-62.5°	102	128	158	193	231	270	309	350	393	432	471
-65°	90	111	137	167	198	233	270	309	347	379	410
-67.5°	77	95	116	140	168	197	226	260	295	325	353
-70°	66	79	97	117	139	163	189	216	243	269	296
-72.5°	56	67	80	93	112	134	155	176	198	221	244
-75°	45	54	65	76	90	106	124	144	162	180	198
-77.5°	34	43	52	60	70	83	97	112	127	141	157
-80°	25	31	39	47	54	62	71	80	91	103	115
-82.5°	17	22	27	33	38	42	47	53	61	69	77
-85°	9	12	16	20	22	24	27	29	34	39	44
-87.5°	5	6	8	9	10	10	11	11	13	15	18
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627704 (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	1	2	2	1	0	0
62.5°	2	4	6	8	9	10	11	11	11	11	11
60°	20	20	30	37	36	28	40	45	43	37	37
57.5°	57	70	81	85	95	112	117	115	117	122	137
55°	99	110	118	134	151	166	178	186	196	206	218
52.5°	135	153	166	183	205	218	224	246	266	281	290
50°	192	211	232	255	276	295	311	333	360	388	405
47.5°	251	276	304	336	360	378	399	430	466	499	519
45°	308	336	370	402	428	454	486	523	560	593	618
42.5°	357	390	426	462	485	526	570	608	654	696	727
40°	415	447	500	537	568	611	675	732	786	837	869
37.5°	485	539	595	640	683	736	825	911	980	1049	1098
35°	568	632	702	752	816	915	1025	1144	1265	1361	1447
32.5°	646	717	789	868	966	1106	1245	1437	1614	1796	1968
30°	717	797	884	986	1144	1339	1564	1858	2177	2495	2857
27.5°	792	880	984	1145	1385	1651	2066	2529	3189	3719	4575
25°	873	972	1114	1371	1702	2170	2896	3721	5086	6251	7566
22.5°	972	1124	1325	1646	2199	3041	4170	5968	8064	10010	11866
20°	1093	1299	1642	2155	2948	4243	6383	9111	12025	14873	17627
17.5°	1253	1580	2070	2801	3924	6648	9832	13730	18719	22467	26021
15°	1399	1813	2554	3736	5851	9356	13806	19775	26492	32141	38530
12.5°	1572	2072	2965	4498	7522	12155	17827	24945	32896	41469	51477
10°	1723	2338	3487	5596	9264	14656	21012	29368	39580	51711	64360
7.5°	1840	2559	3923	6420	10732	16708	24290	34453	47386	61565	75990
5°	1930	2731	4265	7066	11981	18374	26683	38476	53218	69492	83836
2.5°	2000	2851	4492	7463	12824	19512	28319	40615	56786	74668	89729
0°	2055	2925	4618	7744	13216	20050	29076	41478	58458	77203	92692
-2.5°	2074	2964	4624	7646	12978	20017	28899	40949	57304	76196	92063
-5°	2081	2944	4507	7444	12555	19299	27742	38937	53782	71502	87581
-7.5°	2066	2865	4271	6945	11606	18032	26126	35953	48120	63744	80363
-10°	2010	2728	3950	6268	10298	16054	23610	31913	41633	54388	67856
-12.5°	1909	2523	3509	5255	8760	13815	20507	27847	35422	43804	54881
-15°	1789	2312	3148	4640	7334	11463	16883	23081	29368	35787	42545
-17.5°	1698	2129	2778	3820	5631	8970	13303	18285	23385	28482	33033
-20°	1581	1911	2418	3228	4543	6519	9778	13654	17465	21622	25110

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	1478	1758	2137	2648	3532	4923	6781	9510	12406	15424	18288
-25°	1380	1591	1893	2302	2831	3658	4885	6312	8345	10201	12328
-27.5°	1297	1475	1679	1983	2383	2836	3589	4422	5488	6373	7792
-30°	1218	1360	1528	1723	2017	2362	2766	3271	3792	4315	4995
-32.5°	1143	1262	1395	1552	1734	1992	2244	2567	2853	3167	3491
-35°	1070	1176	1285	1410	1550	1720	1909	2123	2313	2502	2672
-37.5°	1008	1096	1191	1290	1402	1520	1668	1820	1947	2071	2176
-40°	955	1028	1107	1189	1279	1375	1490	1601	1688	1767	1834
-42.5°	906	971	1033	1103	1177	1265	1355	1440	1499	1554	1598
-45°	861	916	973	1030	1091	1168	1245	1311	1357	1399	1432
-47.5°	811	862	913	966	1025	1085	1147	1196	1238	1273	1297
-50°	763	813	859	903	955	1010	1063	1105	1141	1172	1189
-52.5°	716	764	811	855	898	941	982	1023	1059	1091	1103
-55°	670	718	759	801	843	883	921	955	988	1019	1029
-57.5°	626	674	718	752	787	823	859	894	925	953	963
-60°	575	623	662	695	729	763	794	825	857	883	896
-62.5°	514	558	593	625	656	686	714	743	771	793	806
-65°	442	480	515	546	574	601	628	653	676	694	705
-67.5°	380	407	437	465	494	520	544	566	587	602	612
-70°	321	345	371	397	422	446	467	487	505	519	529
-72.5°	266	288	311	335	357	377	395	412	429	441	450
-75°	216	235	255	274	293	310	324	339	352	362	371
-77.5°	172	186	200	215	230	243	255	266	277	285	292
-80°	127	139	150	161	171	180	189	198	207	214	221
-82.5°	86	95	103	112	121	126	131	135	139	145	150
-85°	50	55	61	66	71	75	78	82	85	88	91
-87.5°	20	22	24	27	29	30	30	31	31	33	36
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	10	8	8	8	8	8	10	11	11	11	11
60°	35	32	32	32	32	32	35	37	37	43	45
57.5°	150	161	167	169	167	161	150	137	122	117	115
55°	229	236	238	234	238	236	229	218	206	196	186
52.5°	295	296	294	290	294	296	295	290	281	266	246
50°	410	409	409	411	409	409	410	405	388	360	333
47.5°	527	533	535	532	535	533	527	519	499	466	430
45°	630	637	640	637	640	637	630	618	593	560	523
42.5°	740	745	747	750	747	745	740	727	696	654	608
40°	885	890	889	887	889	890	885	869	837	786	732
37.5°	1131	1148	1156	1177	1156	1148	1131	1098	1049	980	911
35°	1514	1555	1577	1612	1577	1555	1514	1447	1361	1265	1144
32.5°	2091	2175	2220	2265	2220	2175	2091	1968	1796	1614	1437
30°	3108	3274	3342	3465	3342	3274	3108	2857	2495	2177	1858
27.5°	5203	5597	5752	6076	5752	5597	5203	4575	3719	3189	2529
25°	8763	9613	10082	10452	10082	9613	8763	7566	6251	5086	3721
22.5°	13740	14985	15650	16142	15650	14985	13740	11866	10010	8064	5968
20°	20123	21767	22747	23459	22747	21767	20123	17627	14873	12025	9111
17.5°	30583	33167	34677	35974	34677	33167	30583	26021	22467	18719	13730
15°	45658	50848	54882	57128	54882	50848	45658	38530	32141	26492	19775
12.5°	60324	67925	72442	74519	72442	67925	60324	51477	41469	32896	24945
10°	74827	81995	86292	87051	86292	81995	74827	64360	51711	39580	29368
7.5°	85930	93812	99522	101597	99522	93812	85930	75990	61565	47386	34453
5°	95737	104966	111009	111775	111009	104966	95737	83836	69492	53218	38476
2.5°	102950	112984	118843	120857	118843	112984	102950	89729	74668	56786	40615
0°	106440	117247	123766	126700	123766	117247	106440	92692	77203	58458	41478
-2.5°	105706	116883	124160	127989	124160	116883	105706	92063	76196	57304	40949
-5°	101686	112896	119682	123750	119682	112896	101686	87581	71502	53782	38937
-7.5°	92418	102901	110124	113878	110124	102901	92418	80363	63744	48120	35953
-10°	80475	89347	95931	99130	95931	89347	80475	67856	54388	41633	31913
-12.5°	64956	73562	79501	81764	79501	73562	64956	54881	43804	35422	27847
-15°	49768	56336	60555	61891	60555	56336	49768	42545	35787	29368	23081
-17.5°	37742	41278	43651	44291	43651	41278	37742	33033	28482	23385	18285
-20°	28276	30467	32007	32372	32007	30467	28276	25110	21622	17465	13654

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Scaled Data Report



REPORT NUMBER: P627704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	20602	22250	23493	23741	23493	22250	20602	18288	15424	12406	9510
-25°	14211	15589	16433	16496	16433	15589	14211	12328	10201	8345	6312
-27.5°	8910	9666	10057	10194	10057	9666	8910	7792	6373	5488	4422
-30°	5506	5854	6038	6044	6038	5854	5506	4995	4315	3792	3271
-32.5°	3737	3906	3998	3997	3998	3906	3737	3491	3167	2853	2567
-35°	2800	2887	2936	2941	2936	2887	2800	2672	2502	2313	2123
-37.5°	2251	2299	2324	2329	2324	2299	2251	2176	2071	1947	1820
-40°	1883	1916	1937	1950	1937	1916	1883	1834	1767	1688	1601
-42.5°	1628	1650	1659	1652	1659	1650	1628	1598	1554	1499	1440
-45°	1450	1463	1471	1475	1471	1463	1450	1432	1399	1357	1311
-47.5°	1309	1315	1319	1322	1319	1315	1309	1297	1273	1238	1196
-50°	1197	1203	1204	1201	1204	1203	1197	1189	1172	1141	1105
-52.5°	1108	1109	1111	1112	1111	1109	1108	1103	1091	1059	1023
-55°	1034	1037	1039	1040	1039	1037	1034	1029	1019	988	955
-57.5°	972	979	979	975	979	979	972	963	953	925	894
-60°	906	914	918	919	918	914	906	896	883	857	825
-62.5°	817	825	829	830	829	825	817	806	793	771	743
-65°	714	721	732	741	732	721	714	705	694	676	653
-67.5°	619	625	635	645	635	625	619	612	602	587	566
-70°	537	545	547	548	547	545	537	529	519	505	487
-72.5°	458	465	467	467	467	465	458	450	441	429	412
-75°	378	385	386	387	386	385	378	371	362	352	339
-77.5°	299	305	306	306	306	305	299	292	285	277	266
-80°	227	232	229	226	229	232	227	221	214	207	198
-82.5°	155	160	157	153	157	160	155	150	145	139	135
-85°	94	96	93	89	93	96	94	91	88	85	82
-87.5°	38	40	36	32	36	40	38	36	33	31	31
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-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°	11	10	9	8	6	4	2	3	2	1	2
60°	40	28	36	37	30	20	20	16	8	7	7
57.5°	117	112	95	85	81	70	57	45	37	25	15
55°	178	166	151	134	118	110	99	85	71	54	40
52.5°	224	218	205	183	166	153	135	121	108	92	71
50°	311	295	276	255	232	211	192	167	144	128	110
47.5°	399	378	360	336	304	276	251	225	192	163	144
45°	486	454	428	402	370	336	308	277	242	208	176
42.5°	570	526	485	462	426	390	357	327	290	252	218
40°	675	611	568	537	500	447	415	381	341	296	261
37.5°	825	736	683	640	595	539	485	442	396	350	307
35°	1025	915	816	752	702	632	568	511	459	407	354
32.5°	1245	1106	966	868	789	717	646	583	519	463	407
30°	1564	1339	1144	986	884	797	717	647	578	514	459
27.5°	2066	1651	1385	1145	984	880	792	707	632	564	504
25°	2896	2170	1702	1371	1114	972	873	775	686	610	547
22.5°	4170	3041	2199	1646	1325	1124	972	845	741	666	594
20°	6383	4243	2948	2155	1642	1299	1093	937	821	726	642
17.5°	9832	6648	3924	2801	2070	1580	1253	1045	900	785	691
15°	13806	9356	5851	3736	2554	1813	1399	1149	983	849	740
12.5°	17827	12155	7522	4498	2965	2072	1572	1272	1067	905	779
10°	21012	14656	9264	5596	3487	2338	1723	1364	1123	949	813
7.5°	24290	16708	10732	6420	3923	2559	1840	1437	1171	986	843
5°	26683	18374	11981	7066	4265	2731	1930	1496	1208	1015	868
2.5°	28319	19512	12824	7463	4492	2851	2000	1542	1244	1035	884
0°	29076	20050	13216	7744	4618	2925	2055	1571	1273	1048	894
-2.5°	28899	20017	12978	7646	4624	2964	2074	1579	1282	1061	904
-5°	27742	19299	12555	7444	4507	2944	2081	1582	1283	1068	908
-7.5°	26126	18032	11606	6945	4271	2865	2066	1581	1281	1072	912
-10°	23610	16054	10298	6268	3950	2728	2010	1555	1267	1066	911
-12.5°	20507	13815	8760	5255	3509	2523	1909	1505	1243	1051	903
-15°	16883	11463	7334	4640	3148	2312	1789	1439	1211	1028	889
-17.5°	13303	8970	5631	3820	2778	2129	1698	1395	1177	1005	875
-20°	9778	6519	4543	3228	2418	1911	1581	1332	1137	985	864

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REPORT NUMBER: P627704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	6781	4923	3532	2648	2137	1758	1478	1262	1087	959	847
-25°	4885	3658	2831	2302	1893	1591	1380	1202	1053	931	824
-27.5°	3589	2836	2383	1983	1679	1475	1297	1141	1012	900	804
-30°	2766	2362	2017	1723	1528	1360	1218	1088	971	867	780
-32.5°	2244	1992	1734	1552	1395	1262	1143	1031	926	836	751
-35°	1909	1720	1550	1410	1285	1176	1070	975	885	801	719
-37.5°	1668	1520	1402	1290	1191	1096	1008	925	844	762	688
-40°	1490	1375	1279	1189	1107	1028	955	879	802	722	656
-42.5°	1355	1265	1177	1103	1033	971	906	836	762	689	626
-45°	1245	1168	1091	1030	973	916	861	793	724	660	599
-47.5°	1147	1085	1025	966	913	862	811	751	690	629	567
-50°	1063	1010	955	903	859	813	763	712	652	591	535
-52.5°	982	941	898	855	811	764	716	665	608	556	507
-55°	921	883	843	801	759	718	670	619	570	523	471
-57.5°	859	823	787	752	718	674	626	578	529	481	431
-60°	794	763	729	695	662	623	575	528	483	437	390
-62.5°	714	686	656	625	593	558	514	471	432	393	350
-65°	628	601	574	546	515	480	442	410	379	347	309
-67.5°	544	520	494	465	437	407	380	353	325	295	260
-70°	467	446	422	397	371	345	321	296	269	243	216
-72.5°	395	377	357	335	311	288	266	244	221	198	176
-75°	324	310	293	274	255	235	216	198	180	162	144
-77.5°	255	243	230	215	200	186	172	157	141	127	112
-80°	189	180	171	161	150	139	127	115	103	91	80
-82.5°	131	126	121	112	103	95	86	77	69	61	53
-85°	78	75	71	66	61	55	50	44	39	34	29
-87.5°	30	30	29	27	24	22	20	18	15	13	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	13	9	6	4	4	2	1	3	3	2	0
55°	26	19	12	7	6	5	2	3	5	4	0
52.5°	51	35	24	13	8	8	5	4	6	6	2
50°	83	59	40	26	11	9	8	5	6	8	4
47.5°	122	90	62	41	25	12	11	7	6	8	6
45°	155	127	89	61	39	23	15	8	7	8	8
42.5°	188	160	124	81	57	36	21	13	8	8	8
40°	227	192	157	113	77	48	31	19	8	8	8
37.5°	268	228	189	144	99	67	42	27	12	10	8
35°	309	266	218	172	125	85	51	35	19	12	8
32.5°	349	301	249	199	149	104	65	44	27	15	8
30°	395	333	278	225	171	125	82	54	34	18	9
27.5°	439	365	305	250	194	143	101	64	41	23	11
25°	481	401	332	273	217	163	118	75	49	29	14
22.5°	520	439	359	293	241	182	134	90	58	34	17
20°	559	474	385	321	264	203	150	104	67	39	20
17.5°	599	509	421	350	286	223	165	116	76	44	23
15°	638	544	454	377	309	241	179	127	85	49	27
12.5°	673	576	483	403	330	257	193	138	93	53	31
10°	704	604	509	426	350	272	205	147	102	58	35
7.5°	730	629	530	447	369	286	216	156	110	62	39
5°	751	648	548	462	383	300	226	164	117	66	42
2.5°	764	660	561	474	394	312	235	171	123	69	46
0°	774	669	572	483	403	322	242	177	129	72	48
-2.5°	783	677	583	494	412	333	249	182	133	80	49
-5°	787	683	591	501	419	341	255	187	137	86	50
-7.5°	791	688	597	507	425	347	260	190	140	91	51
-10°	792	692	602	511	429	350	262	192	143	96	51
-12.5°	789	693	603	513	431	352	267	196	145	98	51
-15°	782	692	602	512	431	352	271	200	147	99	52
-17.5°	773	688	598	508	429	351	272	202	148	98	53
-20°	765	680	590	501	425	349	272	201	147	96	56

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REPORT NUMBER: P627704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	754	667	579	493	419	346	269	199	145	94	58
-25°	738	652	567	487	414	342	266	193	142	92	59
-27.5°	718	634	554	478	407	336	259	189	138	89	60
-30°	695	617	541	467	396	326	249	183	133	88	60
-32.5°	670	599	527	454	384	314	237	176	129	88	60
-35°	647	580	510	436	370	300	227	167	124	87	59
-37.5°	621	557	488	418	354	285	220	163	118	85	57
-40°	595	532	463	400	338	270	211	158	114	82	55
-42.5°	569	504	442	382	320	259	202	153	111	79	53
-45°	538	478	422	363	303	247	193	145	106	76	51
-47.5°	508	456	399	341	288	234	183	138	100	73	49
-50°	485	430	373	319	269	220	171	128	95	69	46
-52.5°	455	399	345	295	249	203	157	117	89	64	42
-55°	419	366	316	271	228	185	142	109	82	59	38
-57.5°	381	331	288	247	205	164	128	99	75	53	35
-60°	344	301	262	221	181	145	115	89	67	47	32
-62.5°	309	270	231	193	158	128	102	80	59	43	29
-65°	270	233	198	167	137	111	90	69	53	38	26
-67.5°	226	197	168	140	116	95	77	61	46	33	24
-70°	189	163	139	117	97	79	66	53	40	29	21
-72.5°	155	134	112	93	80	67	56	44	33	25	18
-75°	124	106	90	76	65	54	45	35	27	20	16
-77.5°	97	83	70	60	52	43	34	26	20	16	13
-80°	71	62	54	47	39	31	25	19	15	12	10
-82.5°	47	42	38	33	27	22	17	12	10	8	7
-85°	27	24	22	20	16	12	9	7	6	6	5
-87.5°	11	10	10	9	8	6	5	3	3	3	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-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°	2	1	0	0	0	0	0
47.5°	3	2	0	0	0	0	0
45°	4	3	0	0	0	0	0
42.5°	6	4	0	0	0	0	0
40°	6	5	0	0	0	0	0
37.5°	7	6	1	0	0	0	0
35°	8	6	2	0	0	0	0
32.5°	8	7	3	0	0	0	0
30°	8	7	4	0	0	0	0
27.5°	8	8	4	0	0	0	0
25°	8	8	5	0	0	0	0
22.5°	8	8	6	0	0	0	0
20°	8	8	6	0	0	0	0
17.5°	9	8	7	0	0	0	0
15°	9	8	7	0	0	0	0
12.5°	10	8	7	0	0	0	0
10°	11	8	8	0	0	0	0
7.5°	13	8	8	0	0	0	0
5°	14	8	8	0	0	0	0
2.5°	15	8	8	0	0	0	0
0°	16	8	8	0	0	0	0
-2.5°	19	9	8	1	0	0	0
-5°	22	10	8	1	0	0	0
-7.5°	25	11	8	2	0	0	0
-10°	27	11	8	2	0	0	0
-12.5°	29	12	8	2	0	0	0
-15°	31	12	8	3	0	0	0
-17.5°	32	13	8	3	0	0	0
-20°	32	13	7	3	0	0	0

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REPORT NUMBER: P627704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	33	13	8	4	0	0	0
-25°	33	14	8	4	0	0	0
-27.5°	34	15	8	4	0	0	0
-30°	33	16	8	4	0	0	0
-32.5°	33	16	9	3	0	0	0
-35°	33	16	10	3	0	0	0
-37.5°	33	17	10	3	0	0	0
-40°	33	17	11	2	0	0	0
-42.5°	32	18	11	2	0	0	0
-45°	30	18	10	1	0	0	0
-47.5°	28	18	10	1	0	0	0
-50°	28	17	9	1	0	0	0
-52.5°	26	16	8	1	0	0	0
-55°	25	15	8	2	0	0	0
-57.5°	23	14	7	2	0	0	0
-60°	21	13	6	2	0	0	0
-62.5°	20	12	6	2	0	0	0
-65°	18	11	6	2	0	0	0
-67.5°	17	10	5	2	0	0	0
-70°	15	9	5	2	0	0	0
-72.5°	13	8	4	2	0	0	0
-75°	12	7	4	1	0	0	0
-77.5°	10	6	3	1	0	0	0
-80°	8	5	3	1	0	0	0
-82.5°	6	4	2	1	0	0	0
-85°	4	3	1	1	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)