

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: P627656 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-750-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627656 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-16)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5C-750-U-MWR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28762.2 lumens
Efficiency: N/A
Efficacy: 139.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 40295.5 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 19264.8 lumens
Beam Efficiency: 67.0%

Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 25924.7 lumens
Field Efficiency: 90.1%

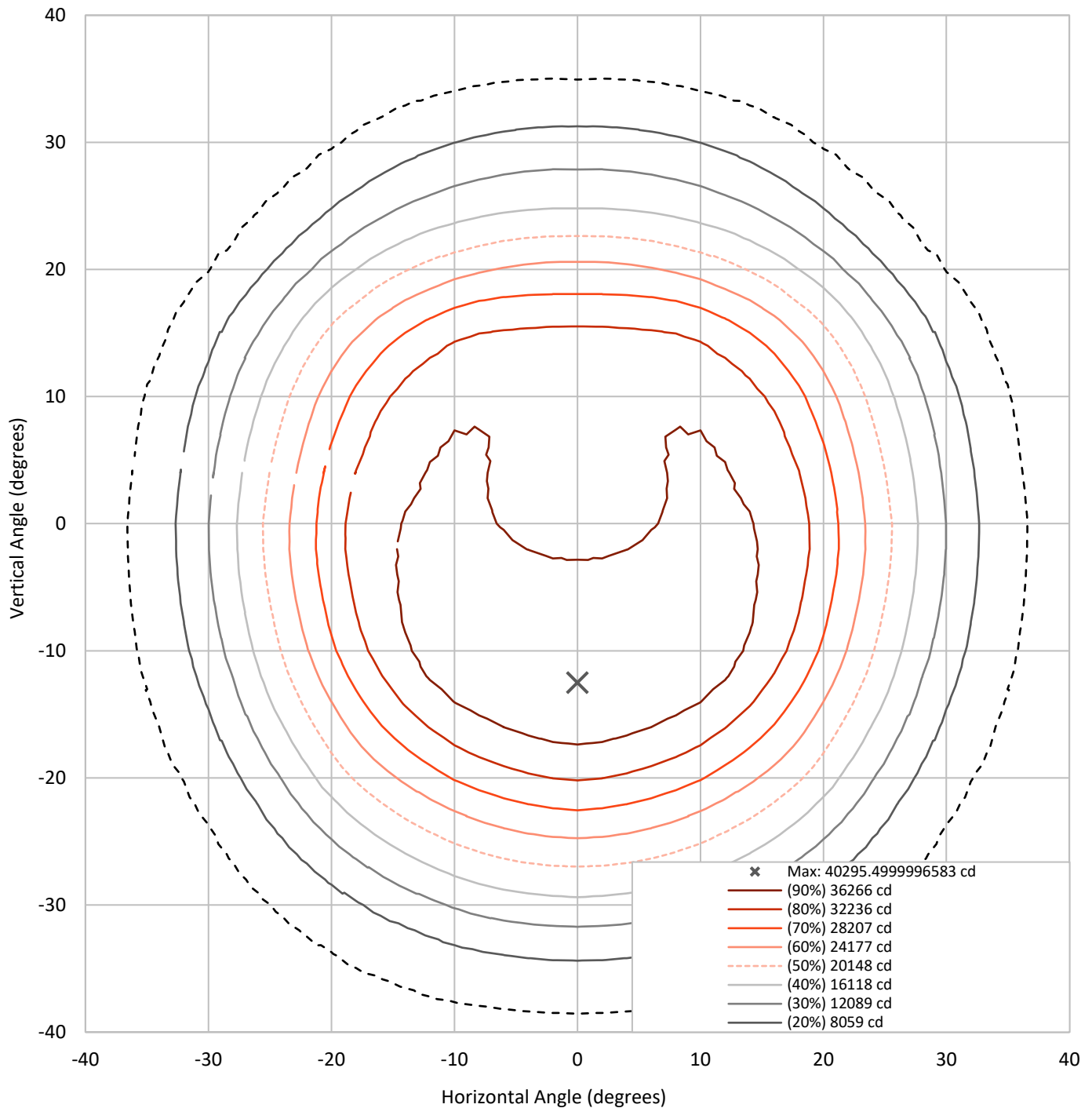
Input Watts (W): 206.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-MWR-VSR-XX

Iso-Candela Plot





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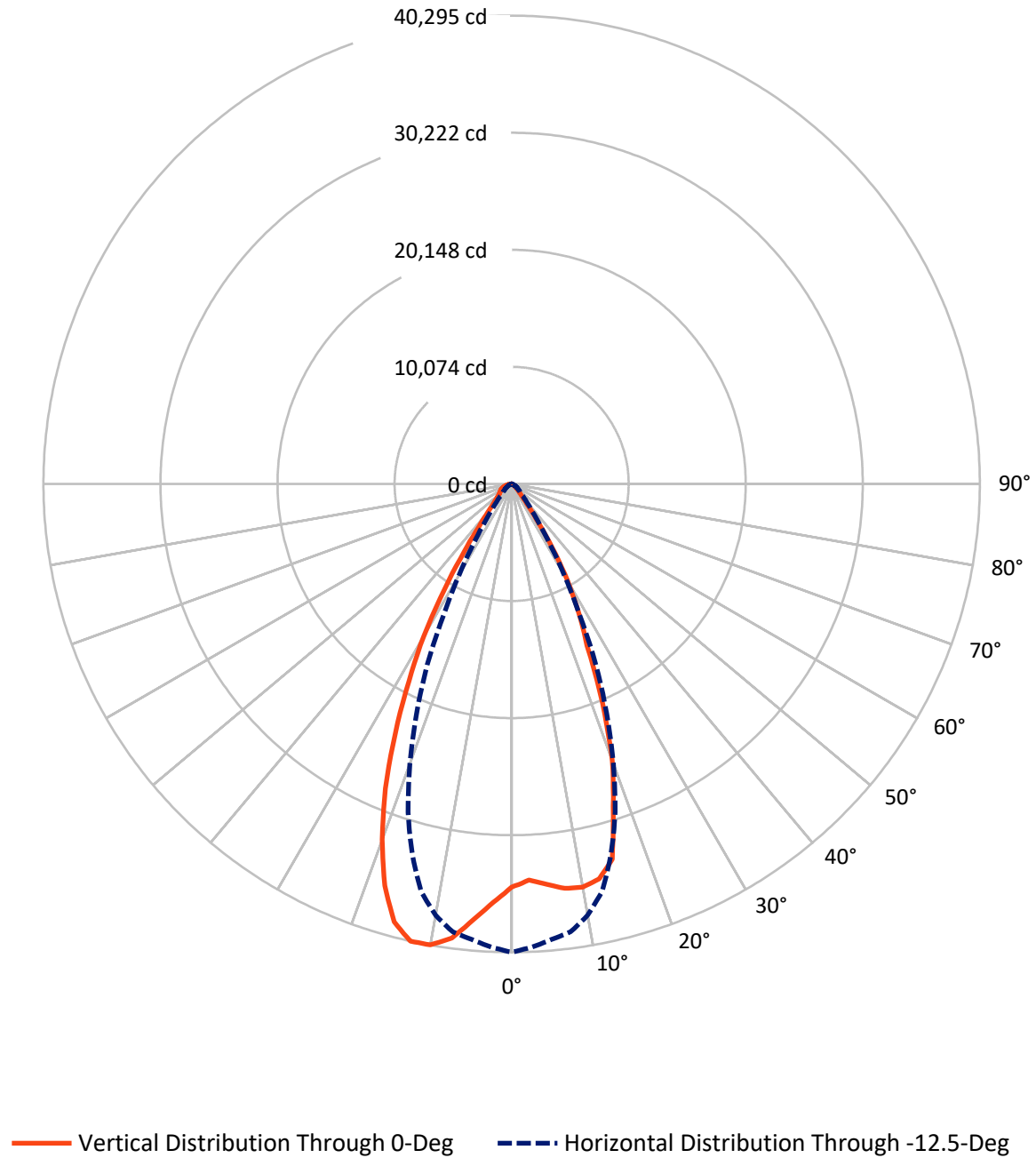
CATALOG NUMBER: GFLD-SA5C-750-U-MWR-VSR-XX

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	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1				
50		0.1	0.2	0.9	2.3	4.0	5.5	6.4	6.4	5.5	4.0	2.3	0.9	0.2		0.1			
40	0.2	0.2	1.1	4.1	8.1	13.2	19.7	24.2	24.2	19.7	13.2	8.1	4.1	1.1	0.2	0.2			
30		0.5	3.2	8.3	17.3	37.3	84.9	129.7	129.7	84.9	37.3	17.3	8.3	3.2	0.5				
20	0.3	1.2	5.4	13.4	36.1	133.7	344.3	481.2	481.2	344.3	133.7	36.1	13.4	5.4	1.2	0.3			
10		1.9	7.5	20.8	85.9	371.3	774.6	959.0	959.0	774.6	371.3	85.9	20.8	7.5	1.9				
0	0.6	2.5	9.3	26.8	136.8	546.8	998.7	1082.7	1082.7	998.7	546.8	136.8	26.8	9.3	2.5	0.6			
-10		2.9	10.2	28.7	143.1	564.7	1034.7	1149.1	1149.1	1034.7	564.7	143.1	28.7	10.2	2.9				
-20	0.8	3.2	10.4	26.1	102.4	420.5	872.9	1114.5	1114.5	872.9	420.5	102.4	26.1	10.4	3.2	0.8			
-30		3.1	9.9	21.7	57.2	204.0	486.4	684.4	684.4	486.4	204.0	57.2	21.7	9.9	3.1				
-40	0.7	2.7	8.8	18.0	34.1	72.6	152.0	225.5	225.5	152.0	72.6	34.1	18.0	8.8	2.7	0.7			
-50		2.2	7.4	15.0	25.0	36.9	51.8	61.5	61.5	51.8	36.9	25.0	15.0	7.4	2.2				
-60	0.5	1.7	5.6	11.8	19.6	27.2	33.9	37.1	37.1	33.9	27.2	19.6	11.8	5.6	1.7	0.5			
-70		1.2	3.6	8.0	13.8	19.4	24.6	27.5	27.5	24.6	19.4	13.8	8.0	3.6	1.2				
-80	0.2	3.2	14.5	30.8	39.5	30.8	14.5	3.2	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

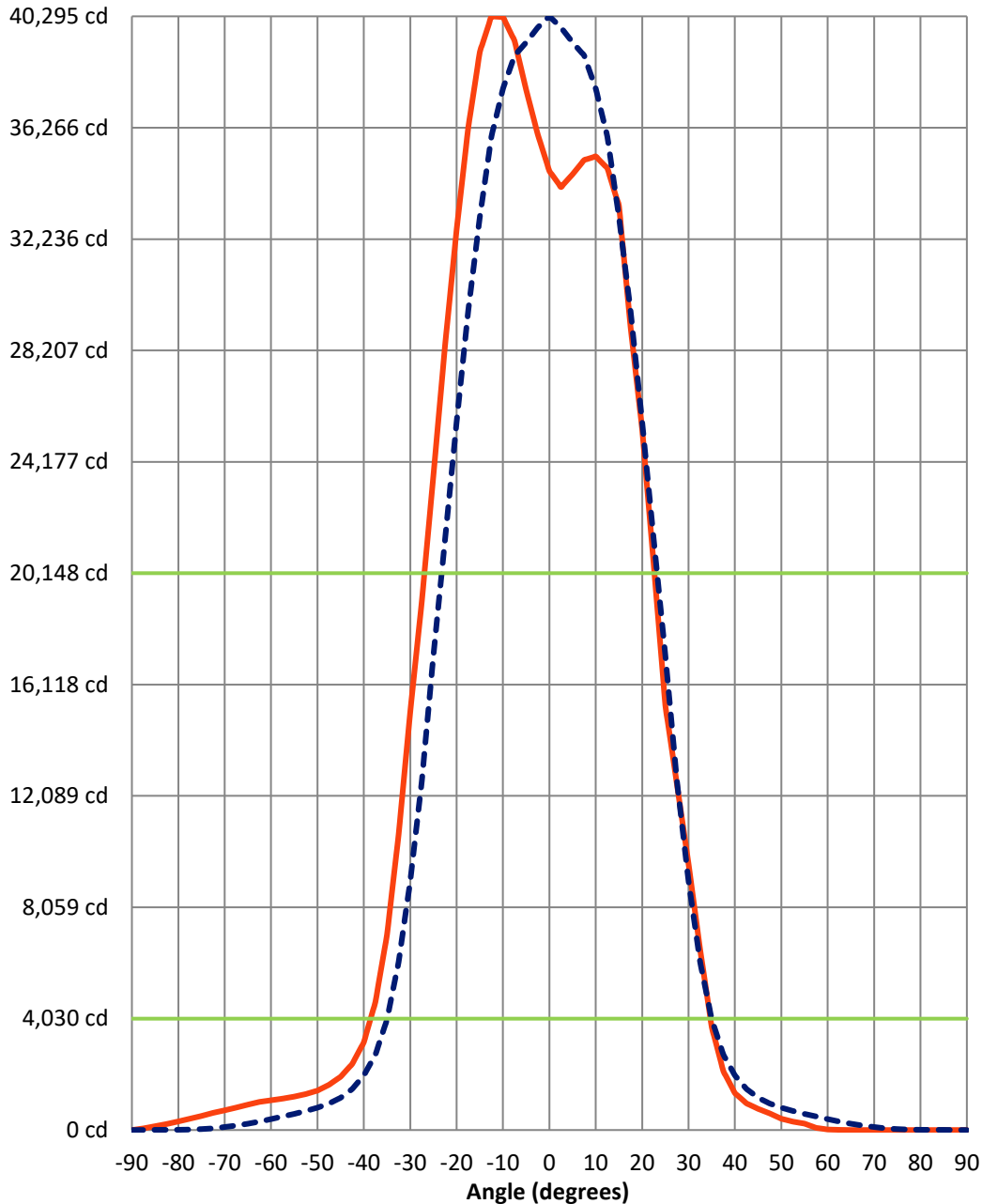
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 19264.8
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 25924.7
 Efficiency: 90.1%

Spill:
 Lumens: 2837.5
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -12.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	1	0	0	0	0	0
72.5°	0	0	0	0	1	1	0	0	0	0	0
70°	0	0	0	0	1	1	1	0	0	0	0
67.5°	0	0	0	1	2	2	1	0	0	1	1
65°	0	0	0	1	3	2	1	0	1	2	2
62.5°	0	0	0	2	3	3	1	1	3	3	4
60°	0	0	0	3	4	3	1	3	5	5	6
57.5°	0	0	0	3	4	3	3	5	6	6	7
55°	0	0	1	4	4	3	4	6	6	7	7
52.5°	0	0	1	5	5	3	5	7	6	7	7
50°	0	0	2	6	5	4	6	7	7	7	8
47.5°	0	0	2	6	5	5	7	7	7	7	9
45°	0	0	3	6	5	5	7	8	7	8	11
42.5°	0	0	3	7	5	6	8	9	7	10	13
40°	0	0	4	7	6	6	9	9	8	12	16
37.5°	0	0	4	7	6	7	9	9	11	15	18
35°	0	0	4	7	6	7	10	10	13	19	25
32.5°	0	0	5	7	6	8	11	10	16	23	39
30°	0	0	5	7	7	8	11	11	18	29	53
27.5°	0	0	5	7	7	9	12	13	22	35	65
25°	0	0	5	7	7	10	12	15	27	45	77
22.5°	0	0	6	7	7	11	13	17	32	54	90
20°	0	0	6	7	7	11	13	19	37	63	104
17.5°	0	0	6	7	7	12	14	22	43	71	119
15°	0	0	6	7	7	12	14	25	49	78	133
12.5°	0	0	6	7	7	12	15	29	55	85	147
10°	0	0	6	7	7	13	16	34	59	95	161
7.5°	0	0	6	7	7	13	17	39	64	106	171
5°	0	0	7	7	7	13	18	44	67	118	180
2.5°	0	0	7	7	7	13	19	49	70	129	186
0°	0	0	7	7	7	13	20	53	73	139	192
-2.5°	0	0	7	7	7	14	23	55	82	145	202
-5°	0	0	7	7	8	15	27	56	91	150	211
-7.5°	0	0	7	7	8	15	30	57	98	155	218
-10°	0	1	6	7	9	16	32	58	105	159	224
-12.5°	0	1	6	7	9	16	34	59	109	162	228
-15°	0	1	6	7	10	16	36	60	111	164	230
-17.5°	0	1	6	7	10	17	37	62	110	164	230
-20°	0	1	6	7	10	17	38	65	109	163	227

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REPORT NUMBER: P627656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	1	6	7	10	17	38	66	107	161	222
-25°	0	1	6	7	10	18	38	67	105	158	213
-27.5°	0	1	6	7	10	19	37	67	102	153	208
-30°	0	1	6	7	10	20	37	66	101	149	202
-32.5°	0	1	6	7	10	21	36	64	100	145	194
-35°	0	2	6	7	11	21	36	63	97	140	184
-37.5°	0	2	6	7	11	22	36	61	93	135	182
-40°	0	2	5	7	11	22	36	58	87	130	178
-42.5°	0	2	5	7	11	22	36	56	83	123	173
-45°	0	2	5	7	12	22	35	53	79	116	164
-47.5°	0	2	5	7	12	21	34	52	75	107	154
-50°	0	2	5	8	12	21	33	50	72	102	142
-52.5°	0	2	6	8	12	20	32	47	69	97	130
-55°	0	2	6	8	12	20	31	44	65	91	122
-57.5°	0	1	6	8	12	19	29	42	61	85	113
-60°	0	1	6	8	11	18	28	40	57	79	104
-62.5°	0	1	5	8	11	17	26	37	53	72	96
-65°	0	1	5	8	11	16	24	34	48	65	86
-67.5°	0	1	5	8	11	15	22	31	43	58	76
-70°	0	1	4	8	11	14	19	27	38	50	66
-72.5°	0	1	4	7	10	13	18	23	32	43	55
-75°	0	1	3	6	10	13	16	21	26	35	45
-77.5°	0	1	3	5	8	12	15	19	23	28	35
-80°	0	1	2	4	7	10	13	16	20	24	28
-82.5°	0	0	2	3	5	7	10	13	17	20	23
-85°	0	0	1	2	3	5	7	9	11	14	17
-87.5°	0	0	1	1	2	2	3	4	6	7	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	1	1	0	0	0	0	0	0	0
67.5°	0	2	2	1	0	0	0	0	0	0	0
65°	3	4	3	2	0	2	2	2	0	0	0
62.5°	6	5	4	3	4	5	4	2	1	2	2
60°	7	6	5	5	7	6	4	5	5	6	16
57.5°	7	6	6	7	7	7	8	9	24	40	44
55°	7	7	7	9	10	11	17	37	55	68	74
52.5°	7	7	10	12	15	25	46	67	85	99	116
50°	9	11	14	18	29	51	77	101	124	145	170
47.5°	11	14	20	29	54	83	113	144	171	200	236
45°	14	21	28	51	82	118	156	190	218	253	285
42.5°	17	32	48	73	116	160	203	231	261	299	342
40°	27	45	69	106	153	205	243	273	306	358	410
37.5°	41	64	92	140	196	247	283	320	368	428	490
35°	55	81	123	177	239	285	326	372	438	507	581
32.5°	70	97	153	214	272	322	368	436	505	582	683
30°	85	123	183	249	304	356	421	496	565	659	777
27.5°	101	148	213	278	334	389	474	547	625	732	874
25°	118	175	241	304	362	431	525	603	683	819	1011
22.5°	138	201	269	329	389	477	577	673	779	914	1151
20°	160	225	294	358	416	520	632	751	894	1083	1392
17.5°	180	247	318	388	460	566	691	832	1010	1245	1699
15°	198	266	341	417	502	614	751	924	1139	1432	1997
12.5°	215	284	364	446	539	657	804	992	1246	1667	2377
10°	230	299	386	473	571	695	850	1049	1333	1835	2661
7.5°	243	316	406	500	599	728	889	1095	1410	1968	2883
5°	254	335	423	519	620	755	921	1131	1475	2065	3053
2.5°	263	354	438	535	636	776	946	1165	1537	2145	3198
0°	271	370	449	548	647	793	965	1189	1586	2200	3310
-2.5°	280	378	465	559	666	804	973	1207	1601	2208	3288
-5°	288	384	478	566	680	811	975	1214	1599	2191	3220
-7.5°	294	388	487	573	688	815	977	1210	1583	2154	3110
-10°	299	392	490	580	691	814	972	1195	1545	2083	2944
-12.5°	306	396	491	584	690	809	959	1168	1486	1976	2731
-15°	310	398	491	583	686	800	938	1131	1407	1834	2468
-17.5°	312	399	489	578	681	788	910	1086	1334	1710	2279
-20°	311	397	486	568	673	774	892	1052	1273	1590	2049

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CATALOG NUMBER: GFLD-SA5C-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	308	395	482	560	660	760	870	1010	1196	1456	1826
-25°	302	390	475	555	646	744	842	964	1126	1356	1665
-27.5°	291	382	466	547	630	725	817	928	1070	1247	1494
-30°	277	371	453	535	616	705	793	887	1012	1166	1364
-32.5°	262	358	439	519	600	684	768	855	962	1090	1245
-35°	253	342	424	499	580	662	742	823	911	1024	1157
-37.5°	247	326	409	480	556	636	713	791	872	961	1082
-40°	238	309	392	463	532	609	684	757	832	922	1014
-42.5°	228	298	373	446	511	582	653	724	799	881	968
-45°	219	284	355	423	489	555	624	690	763	841	922
-47.5°	206	267	336	396	461	527	594	659	724	797	874
-50°	191	249	312	370	427	493	559	626	689	751	818
-52.5°	176	228	287	344	397	452	520	587	650	712	771
-55°	159	207	261	317	370	418	477	545	608	667	729
-57.5°	146	187	236	288	341	391	445	502	564	622	682
-60°	134	167	209	258	310	360	412	466	521	578	631
-62.5°	122	151	185	225	274	324	372	423	476	524	572
-65°	110	133	162	196	234	279	326	375	423	465	506
-67.5°	97	118	141	166	200	237	276	319	363	405	444
-70°	84	102	122	143	168	199	234	269	304	341	379
-72.5°	70	86	103	120	142	168	195	224	254	287	319
-75°	57	70	84	100	118	139	161	186	210	236	262
-77.5°	45	56	67	79	93	110	128	147	167	187	207
-80°	35	42	52	61	72	84	96	109	124	141	158
-82.5°	28	33	39	45	52	60	68	78	89	101	113
-85°	20	23	26	30	34	39	44	49	56	64	72
-87.5°	10	12	13	15	17	19	21	23	27	30	34
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627656 (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	0	0	0	0	0	0
62.5°	2	2	2	2	2	1	3	4	5	5	5
60°	18	13	17	22	21	16	23	27	25	20	21
57.5°	46	50	57	67	74	78	84	91	96	99	102
55°	85	102	120	128	142	164	183	184	188	192	203
52.5°	136	156	165	181	209	226	235	250	267	283	297
50°	197	214	234	259	286	303	309	336	369	396	412
47.5°	259	282	318	362	385	405	432	467	504	543	573
45°	317	357	403	443	474	507	544	588	645	699	740
42.5°	382	428	474	520	554	611	675	726	809	881	926
40°	459	504	570	627	696	768	880	983	1087	1207	1295
37.5°	550	620	714	805	908	1014	1214	1418	1584	1818	1948
35°	661	768	901	1037	1202	1458	1749	2143	2552	2894	3222
32.5°	788	925	1109	1352	1629	2039	2477	3203	3910	4616	5310
30°	913	1113	1394	1727	2183	2832	3657	4778	5993	7057	8020
27.5°	1080	1363	1728	2227	3002	3954	5476	7034	8581	9962	10954
25°	1282	1661	2177	3003	4123	5701	7741	9650	11466	12820	13961
22.5°	1574	2142	2875	3926	5959	8154	10595	12997	15036	16743	17867
20°	1934	2704	3929	5834	8226	10970	14112	16639	19150	21070	22785
17.5°	2445	3670	5399	7820	10677	14338	17573	20391	23580	25542	27292
15°	2904	4479	6944	10033	13380	17261	21076	24527	27605	29761	31717
12.5°	3485	5339	8173	11806	15467	19787	23753	27448	30463	32682	34050
10°	4005	6220	9400	13199	17298	21811	25921	29768	32688	34403	35410
7.5°	4425	6953	10394	14392	18720	23262	27604	31421	34216	35651	36338
5°	4750	7496	11173	15370	19865	24512	28944	32680	35034	36220	36604
2.5°	4995	7874	11697	16014	20638	25436	29961	33643	35651	36507	36634
0°	5160	8140	12038	16418	21301	25767	30511	34250	36160	36847	36913
-2.5°	5121	8043	12023	16272	21224	25916	30598	34289	36332	37255	37406
-5°	5017	7817	11624	15855	20621	25319	29785	33682	36190	37584	38202
-7.5°	4816	7426	10942	15060	19643	24346	28900	32943	35829	37790	38999
-10°	4473	6855	10070	14053	18570	23051	27554	31749	34857	37219	38902
-12.5°	4006	6079	9007	12627	17168	21352	25615	29635	33027	35939	37678
-15°	3523	5272	7902	11214	15167	19288	23226	27171	30519	33242	35412
-17.5°	3180	4565	6622	9521	12992	16901	20743	24367	27388	29948	32224
-20°	2745	3774	5402	7840	10896	14313	17994	21219	23917	26317	28491

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2399	3232	4408	6071	8816	11830	14841	17811	20347	22484	24340
-25°	2084	2669	3588	4941	6726	9329	11866	14373	16715	18702	20373
-27.5°	1837	2303	2915	3878	5233	6752	8975	11070	13084	14901	16476
-30°	1613	1961	2441	3043	3964	5093	6430	7997	9602	11036	12468
-32.5°	1452	1700	2029	2476	2992	3800	4608	5662	6679	7725	8752
-35°	1307	1507	1731	2030	2384	2855	3387	4031	4575	5260	5891
-37.5°	1208	1348	1519	1708	1961	2224	2585	2976	3313	3694	4015
-40°	1125	1236	1351	1479	1653	1830	2063	2283	2497	2729	2903
-42.5°	1056	1145	1228	1327	1430	1572	1728	1865	1995	2132	2245
-45°	1002	1068	1135	1212	1290	1393	1504	1606	1691	1767	1829
-47.5°	944	1003	1062	1121	1188	1263	1336	1401	1472	1531	1574
-50°	886	945	999	1050	1108	1166	1224	1276	1326	1370	1397
-52.5°	830	891	944	991	1040	1088	1136	1183	1226	1266	1284
-55°	788	844	897	940	981	1022	1064	1108	1149	1187	1198
-57.5°	741	798	850	889	926	963	1003	1043	1083	1118	1129
-60°	688	747	793	829	868	908	945	982	1018	1049	1061
-62.5°	624	677	719	755	790	822	863	902	940	971	989
-65°	548	594	634	671	704	736	774	810	844	871	891
-67.5°	481	517	551	583	616	649	683	717	750	773	789
-70°	415	449	480	510	539	568	597	625	653	673	689
-72.5°	351	380	407	434	460	486	510	535	558	576	591
-75°	290	315	338	361	383	403	422	441	459	475	488
-77.5°	228	249	268	288	307	323	338	352	366	379	392
-80°	175	190	204	219	233	245	257	268	278	288	298
-82.5°	125	135	145	154	164	173	181	189	196	204	211
-85°	80	85	91	96	101	106	111	116	121	126	130
-87.5°	38	40	43	45	48	50	53	55	57	60	62
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	6	6	7	7	7	6	6	5	5	5	4
60°	20	20	20	20	20	20	20	21	20	25	27
57.5°	99	93	86	79	86	93	99	102	99	96	91
55°	216	228	233	231	233	228	216	203	192	188	184
52.5°	307	312	311	304	311	312	307	297	283	267	250
50°	419	420	416	410	416	420	419	412	396	369	336
47.5°	589	598	602	601	602	598	589	573	543	504	467
45°	755	764	767	766	767	764	755	740	699	645	588
42.5°	950	965	970	965	970	965	950	926	881	809	726
40°	1346	1363	1355	1335	1355	1363	1346	1295	1207	1087	983
37.5°	2040	2105	2133	2134	2133	2105	2040	1948	1818	1584	1418
35°	3518	3753	3861	3726	3861	3753	3518	3222	2894	2552	2143
32.5°	5875	6292	6528	6528	6528	6292	5875	5310	4616	3910	3203
30°	8748	9270	9564	9626	9564	9270	8748	8020	7057	5993	4778
27.5°	11727	12267	12548	12507	12548	12267	11727	10954	9962	8581	7034
25°	14716	15125	15361	15368	15361	15125	14716	13961	12820	11466	9650
22.5°	19132	19993	20347	20442	20347	19993	19132	17867	16743	15036	12997
20°	23946	24780	25318	25351	25318	24780	23946	22785	21070	19150	16639
17.5°	28532	28946	29022	29057	29022	28946	28532	27292	25542	23580	20391
15°	32856	33001	33383	33431	33383	33001	32856	31717	29761	27605	24527
12.5°	34909	35042	34976	34799	34976	35042	34909	34050	32682	30463	27448
10°	36028	35841	35563	35228	35563	35841	36028	35410	34403	32688	29768
7.5°	36282	36074	35583	35096	35583	36074	36282	36338	35651	34216	31421
5°	36402	35792	35172	34581	35172	35792	36402	36604	36220	35034	32680
2.5°	36331	35605	34754	34118	34754	35605	36331	36634	36507	35651	33643
0°	36563	35829	34937	34700	34937	35829	36563	36913	36847	36160	34250
-2.5°	37208	36614	36148	36021	36148	36614	37208	37406	37255	36332	34289
-5°	38369	38238	37447	37633	37447	38238	38369	38202	37584	36190	33682
-7.5°	39491	39305	38970	39404	38970	39305	39491	38999	37790	35829	32943
-10°	39789	39728	39885	40269	39885	39728	39789	38902	37219	34857	31749
-12.5°	38875	39354	39891	40295	39891	39354	38875	37678	35939	33027	29635
-15°	36837	37816	38619	39001	38619	37816	36837	35412	33242	30519	27171
-17.5°	33834	35036	35987	36259	35987	35036	33834	32224	29948	27388	24367
-20°	30138	31360	32226	32572	32226	31360	30138	28491	26317	23917	21219

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REPORT NUMBER: P627656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	25979	27172	27957	28370	27957	27172	25979	24340	22484	20347	17811
-25°	21757	22806	23502	23686	23502	22806	21757	20373	18702	16715	14373
-27.5°	17720	18563	19077	19134	19077	18563	17720	16476	14901	13084	11070
-30°	13659	14442	14887	15123	14887	14442	13659	12468	11036	9602	7997
-32.5°	9593	10214	10591	10690	10591	10214	9593	8752	7725	6679	5662
-35°	6396	6783	7021	7069	7021	6783	6396	5891	5260	4575	4031
-37.5°	4276	4465	4581	4638	4581	4465	4276	4015	3694	3313	2976
-40°	3030	3118	3168	3178	3168	3118	3030	2903	2729	2497	2283
-42.5°	2317	2362	2385	2392	2385	2362	2317	2245	2132	1995	1865
-45°	1872	1904	1923	1929	1923	1904	1872	1829	1767	1691	1606
-47.5°	1602	1622	1634	1639	1634	1622	1602	1574	1531	1472	1401
-50°	1413	1425	1429	1427	1429	1425	1413	1397	1370	1326	1276
-52.5°	1294	1302	1304	1302	1304	1302	1294	1284	1266	1226	1183
-55°	1206	1212	1212	1209	1212	1212	1206	1198	1187	1149	1108
-57.5°	1138	1145	1143	1136	1143	1145	1138	1129	1118	1083	1043
-60°	1071	1079	1080	1077	1080	1079	1071	1061	1049	1018	982
-62.5°	1005	1018	1020	1018	1020	1018	1005	989	971	940	902
-65°	909	925	925	918	925	925	909	891	871	844	810
-67.5°	803	815	815	813	815	815	803	789	773	750	717
-70°	703	716	716	714	716	716	703	689	673	653	625
-72.5°	605	617	620	621	620	617	605	591	576	558	535
-75°	501	512	512	509	512	512	501	488	475	459	441
-77.5°	403	414	413	410	413	414	403	392	379	366	352
-80°	307	315	313	311	313	315	307	298	288	278	268
-82.5°	217	224	221	218	221	224	217	211	204	196	189
-85°	134	138	139	139	139	138	134	130	126	121	116
-87.5°	64	66	63	60	63	66	64	62	60	57	55
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627656 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	2
62.5°	3	1	2	2	2	2	2	2	2	1	2
60°	23	16	21	22	17	13	18	16	6	5	5
57.5°	84	78	74	67	57	50	46	44	40	24	9
55°	183	164	142	128	120	102	85	74	68	55	37
52.5°	235	226	209	181	165	156	136	116	99	85	67
50°	309	303	286	259	234	214	197	170	145	124	101
47.5°	432	405	385	362	318	282	259	236	200	171	144
45°	544	507	474	443	403	357	317	285	253	218	190
42.5°	675	611	554	520	474	428	382	342	299	261	231
40°	880	768	696	627	570	504	459	410	358	306	273
37.5°	1214	1014	908	805	714	620	550	490	428	368	320
35°	1749	1458	1202	1037	901	768	661	581	507	438	372
32.5°	2477	2039	1629	1352	1109	925	788	683	582	505	436
30°	3657	2832	2183	1727	1394	1113	913	777	659	565	496
27.5°	5476	3954	3002	2227	1728	1363	1080	874	732	625	547
25°	7741	5701	4123	3003	2177	1661	1282	1011	819	683	603
22.5°	10595	8154	5959	3926	2875	2142	1574	1151	914	779	673
20°	14112	10970	8226	5834	3929	2704	1934	1392	1083	894	751
17.5°	17573	14338	10677	7820	5399	3670	2445	1699	1245	1010	832
15°	21076	17261	13380	10033	6944	4479	2904	1997	1432	1139	924
12.5°	23753	19787	15467	11806	8173	5339	3485	2377	1667	1246	992
10°	25921	21811	17298	13199	9400	6220	4005	2661	1835	1333	1049
7.5°	27604	23262	18720	14392	10394	6953	4425	2883	1968	1410	1095
5°	28944	24512	19865	15370	11173	7496	4750	3053	2065	1475	1131
2.5°	29961	25436	20638	16014	11697	7874	4995	3198	2145	1537	1165
0°	30511	25767	21301	16418	12038	8140	5160	3310	2200	1586	1189
-2.5°	30598	25916	21224	16272	12023	8043	5121	3288	2208	1601	1207
-5°	29785	25319	20621	15855	11624	7817	5017	3220	2191	1599	1214
-7.5°	28900	24346	19643	15060	10942	7426	4816	3110	2154	1583	1210
-10°	27554	23051	18570	14053	10070	6855	4473	2944	2083	1545	1195
-12.5°	25615	21352	17168	12627	9007	6079	4006	2731	1976	1486	1168
-15°	23226	19288	15167	11214	7902	5272	3523	2468	1834	1407	1131
-17.5°	20743	16901	12992	9521	6622	4565	3180	2279	1710	1334	1086
-20°	17994	14313	10896	7840	5402	3774	2745	2049	1590	1273	1052

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REPORT NUMBER: P627656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14841	11830	8816	6071	4408	3232	2399	1826	1456	1196	1010
-25°	11866	9329	6726	4941	3588	2669	2084	1665	1356	1126	964
-27.5°	8975	6752	5233	3878	2915	2303	1837	1494	1247	1070	928
-30°	6430	5093	3964	3043	2441	1961	1613	1364	1166	1012	887
-32.5°	4608	3800	2992	2476	2029	1700	1452	1245	1090	962	855
-35°	3387	2855	2384	2030	1731	1507	1307	1157	1024	911	823
-37.5°	2585	2224	1961	1708	1519	1348	1208	1082	961	872	791
-40°	2063	1830	1653	1479	1351	1236	1125	1014	922	832	757
-42.5°	1728	1572	1430	1327	1228	1145	1056	968	881	799	724
-45°	1504	1393	1290	1212	1135	1068	1002	922	841	763	690
-47.5°	1336	1263	1188	1121	1062	1003	944	874	797	724	659
-50°	1224	1166	1108	1050	999	945	886	818	751	689	626
-52.5°	1136	1088	1040	991	944	891	830	771	712	650	587
-55°	1064	1022	981	940	897	844	788	729	667	608	545
-57.5°	1003	963	926	889	850	798	741	682	622	564	502
-60°	945	908	868	829	793	747	688	631	578	521	466
-62.5°	863	822	790	755	719	677	624	572	524	476	423
-65°	774	736	704	671	634	594	548	506	465	423	375
-67.5°	683	649	616	583	551	517	481	444	405	363	319
-70°	597	568	539	510	480	449	415	379	341	304	269
-72.5°	510	486	460	434	407	380	351	319	287	254	224
-75°	422	403	383	361	338	315	290	262	236	210	186
-77.5°	338	323	307	288	268	249	228	207	187	167	147
-80°	257	245	233	219	204	190	175	158	141	124	109
-82.5°	181	173	164	154	145	135	125	113	101	89	78
-85°	111	106	101	96	91	85	80	72	64	56	49
-87.5°	53	50	48	45	43	40	38	34	30	27	23
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627656 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	1	1	0	0	0	0	0	0
67.5°	0	0	0	1	2	2	0	1	1	0	0
65°	2	2	0	2	3	4	3	2	2	1	0
62.5°	4	5	4	3	4	5	6	4	3	3	1
60°	4	6	7	5	5	6	7	6	5	5	3
57.5°	8	7	7	7	6	6	7	7	6	6	5
55°	17	11	10	9	7	7	7	7	7	6	6
52.5°	46	25	15	12	10	7	7	7	7	6	7
50°	77	51	29	18	14	11	9	8	7	7	7
47.5°	113	83	54	29	20	14	11	9	7	7	7
45°	156	118	82	51	28	21	14	11	8	7	8
42.5°	203	160	116	73	48	32	17	13	10	7	9
40°	243	205	153	106	69	45	27	16	12	8	9
37.5°	283	247	196	140	92	64	41	18	15	11	9
35°	326	285	239	177	123	81	55	25	19	13	10
32.5°	368	322	272	214	153	97	70	39	23	16	10
30°	421	356	304	249	183	123	85	53	29	18	11
27.5°	474	389	334	278	213	148	101	65	35	22	13
25°	525	431	362	304	241	175	118	77	45	27	15
22.5°	577	477	389	329	269	201	138	90	54	32	17
20°	632	520	416	358	294	225	160	104	63	37	19
17.5°	691	566	460	388	318	247	180	119	71	43	22
15°	751	614	502	417	341	266	198	133	78	49	25
12.5°	804	657	539	446	364	284	215	147	85	55	29
10°	850	695	571	473	386	299	230	161	95	59	34
7.5°	889	728	599	500	406	316	243	171	106	64	39
5°	921	755	620	519	423	335	254	180	118	67	44
2.5°	946	776	636	535	438	354	263	186	129	70	49
0°	965	793	647	548	449	370	271	192	139	73	53
-2.5°	973	804	666	559	465	378	280	202	145	82	55
-5°	975	811	680	566	478	384	288	211	150	91	56
-7.5°	977	815	688	573	487	388	294	218	155	98	57
-10°	972	814	691	580	490	392	299	224	159	105	58
-12.5°	959	809	690	584	491	396	306	228	162	109	59
-15°	938	800	686	583	491	398	310	230	164	111	60
-17.5°	910	788	681	578	489	399	312	230	164	110	62
-20°	892	774	673	568	486	397	311	227	163	109	65

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CATALOG NUMBER: GFLD-SA5C-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	870	760	660	560	482	395	308	222	161	107	66
-25°	842	744	646	555	475	390	302	213	158	105	67
-27.5°	817	725	630	547	466	382	291	208	153	102	67
-30°	793	705	616	535	453	371	277	202	149	101	66
-32.5°	768	684	600	519	439	358	262	194	145	100	64
-35°	742	662	580	499	424	342	253	184	140	97	63
-37.5°	713	636	556	480	409	326	247	182	135	93	61
-40°	684	609	532	463	392	309	238	178	130	87	58
-42.5°	653	582	511	446	373	298	228	173	123	83	56
-45°	624	555	489	423	355	284	219	164	116	79	53
-47.5°	594	527	461	396	336	267	206	154	107	75	52
-50°	559	493	427	370	312	249	191	142	102	72	50
-52.5°	520	452	397	344	287	228	176	130	97	69	47
-55°	477	418	370	317	261	207	159	122	91	65	44
-57.5°	445	391	341	288	236	187	146	113	85	61	42
-60°	412	360	310	258	209	167	134	104	79	57	40
-62.5°	372	324	274	225	185	151	122	96	72	53	37
-65°	326	279	234	196	162	133	110	86	65	48	34
-67.5°	276	237	200	166	141	118	97	76	58	43	31
-70°	234	199	168	143	122	102	84	66	50	38	27
-72.5°	195	168	142	120	103	86	70	55	43	32	23
-75°	161	139	118	100	84	70	57	45	35	26	21
-77.5°	128	110	93	79	67	56	45	35	28	23	19
-80°	96	84	72	61	52	42	35	28	24	20	16
-82.5°	68	60	52	45	39	33	28	23	20	17	13
-85°	44	39	34	30	26	23	20	17	14	11	9
-87.5°	21	19	17	15	13	12	10	8	7	6	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627656 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	1	0	0	0	0	0
72.5°	0	1	1	0	0	0	0
70°	1	1	1	0	0	0	0
67.5°	1	2	2	1	0	0	0
65°	1	2	3	1	0	0	0
62.5°	1	3	3	2	0	0	0
60°	1	3	4	3	0	0	0
57.5°	3	3	4	3	0	0	0
55°	4	3	4	4	1	0	0
52.5°	5	3	5	5	1	0	0
50°	6	4	5	6	2	0	0
47.5°	7	5	5	6	2	0	0
45°	7	5	5	6	3	0	0
42.5°	8	6	5	7	3	0	0
40°	9	6	6	7	4	0	0
37.5°	9	7	6	7	4	0	0
35°	10	7	6	7	4	0	0
32.5°	11	8	6	7	5	0	0
30°	11	8	7	7	5	0	0
27.5°	12	9	7	7	5	0	0
25°	12	10	7	7	5	0	0
22.5°	13	11	7	7	6	0	0
20°	13	11	7	7	6	0	0
17.5°	14	12	7	7	6	0	0
15°	14	12	7	7	6	0	0
12.5°	15	12	7	7	6	0	0
10°	16	13	7	7	6	0	0
7.5°	17	13	7	7	6	0	0
5°	18	13	7	7	7	0	0
2.5°	19	13	7	7	7	0	0
0°	20	13	7	7	7	0	0
-2.5°	23	14	7	7	7	0	0
-5°	27	15	8	7	7	0	0
-7.5°	30	15	8	7	7	0	0
-10°	32	16	9	7	6	1	0
-12.5°	34	16	9	7	6	1	0
-15°	36	16	10	7	6	1	0
-17.5°	37	17	10	7	6	1	0
-20°	38	17	10	7	6	1	0

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CATALOG NUMBER: GFLD-SA5C-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	38	17	10	7	6	1	0
-25°	38	18	10	7	6	1	0
-27.5°	37	19	10	7	6	1	0
-30°	37	20	10	7	6	1	0
-32.5°	36	21	10	7	6	1	0
-35°	36	21	11	7	6	2	0
-37.5°	36	22	11	7	6	2	0
-40°	36	22	11	7	5	2	0
-42.5°	36	22	11	7	5	2	0
-45°	35	22	12	7	5	2	0
-47.5°	34	21	12	7	5	2	0
-50°	33	21	12	8	5	2	0
-52.5°	32	20	12	8	6	2	0
-55°	31	20	12	8	6	2	0
-57.5°	29	19	12	8	6	1	0
-60°	28	18	11	8	6	1	0
-62.5°	26	17	11	8	5	1	0
-65°	24	16	11	8	5	1	0
-67.5°	22	15	11	8	5	1	0
-70°	19	14	11	8	4	1	0
-72.5°	18	13	10	7	4	1	0
-75°	16	13	10	6	3	1	0
-77.5°	15	12	8	5	3	1	0
-80°	13	10	7	4	2	1	0
-82.5°	10	7	5	3	2	0	0
-85°	7	5	3	2	1	0	0
-87.5°	3	2	2	1	1	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)