

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: P627966 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-722-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627966 (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-SA6E-722-U-MWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 34144.6 lumens
Efficiency: N/A
Efficacy: 90.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 47836.1 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 22869.9 lumens
Beam Efficiency: 67.0%

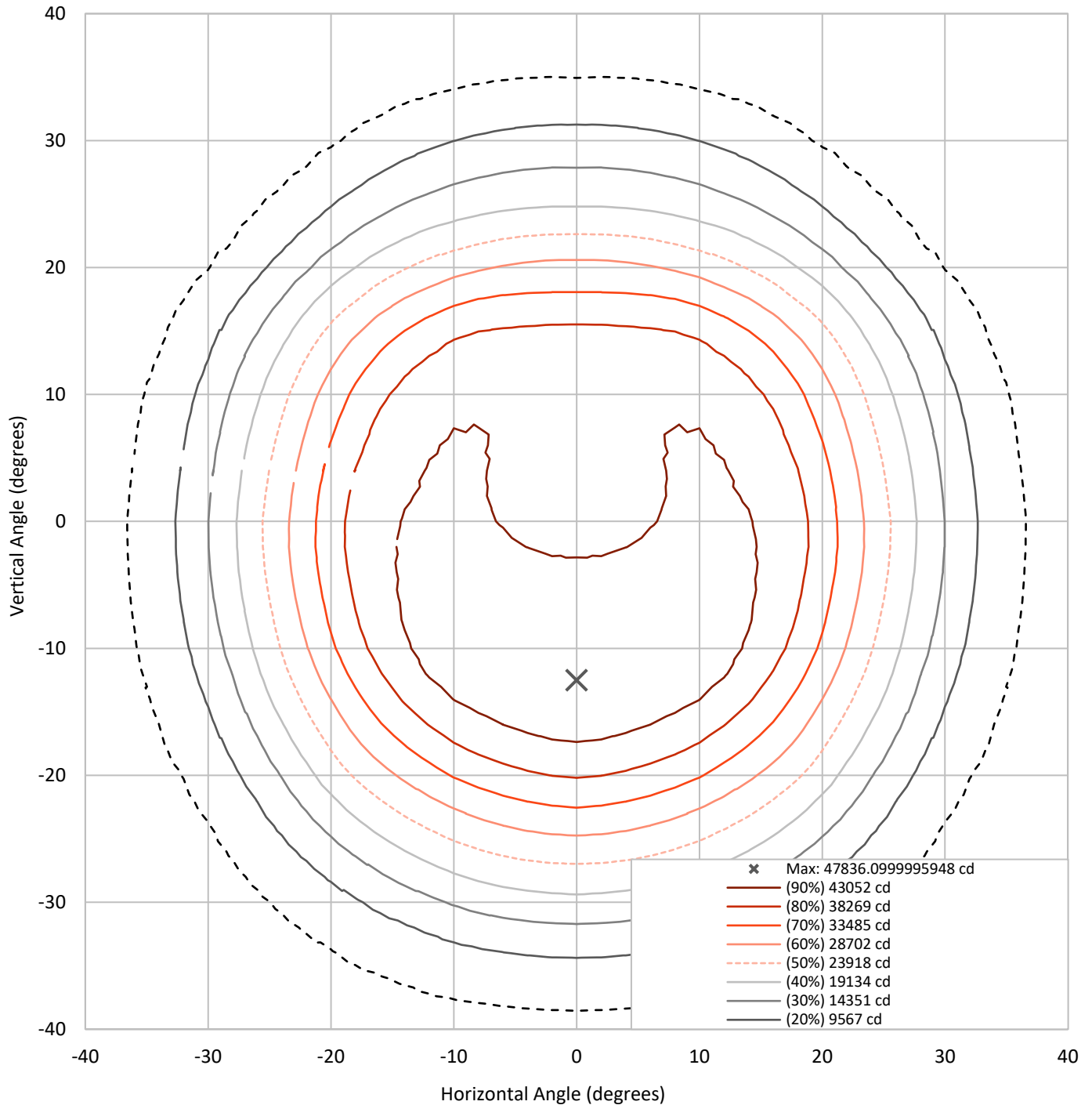
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 30776.1 lumens
Field Efficiency: 90.1%

Input Watts (W): 376.7
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



REPORT NUMBER: P627966 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-722-U-MWR-VSR-XX

Iso-Candela Plot





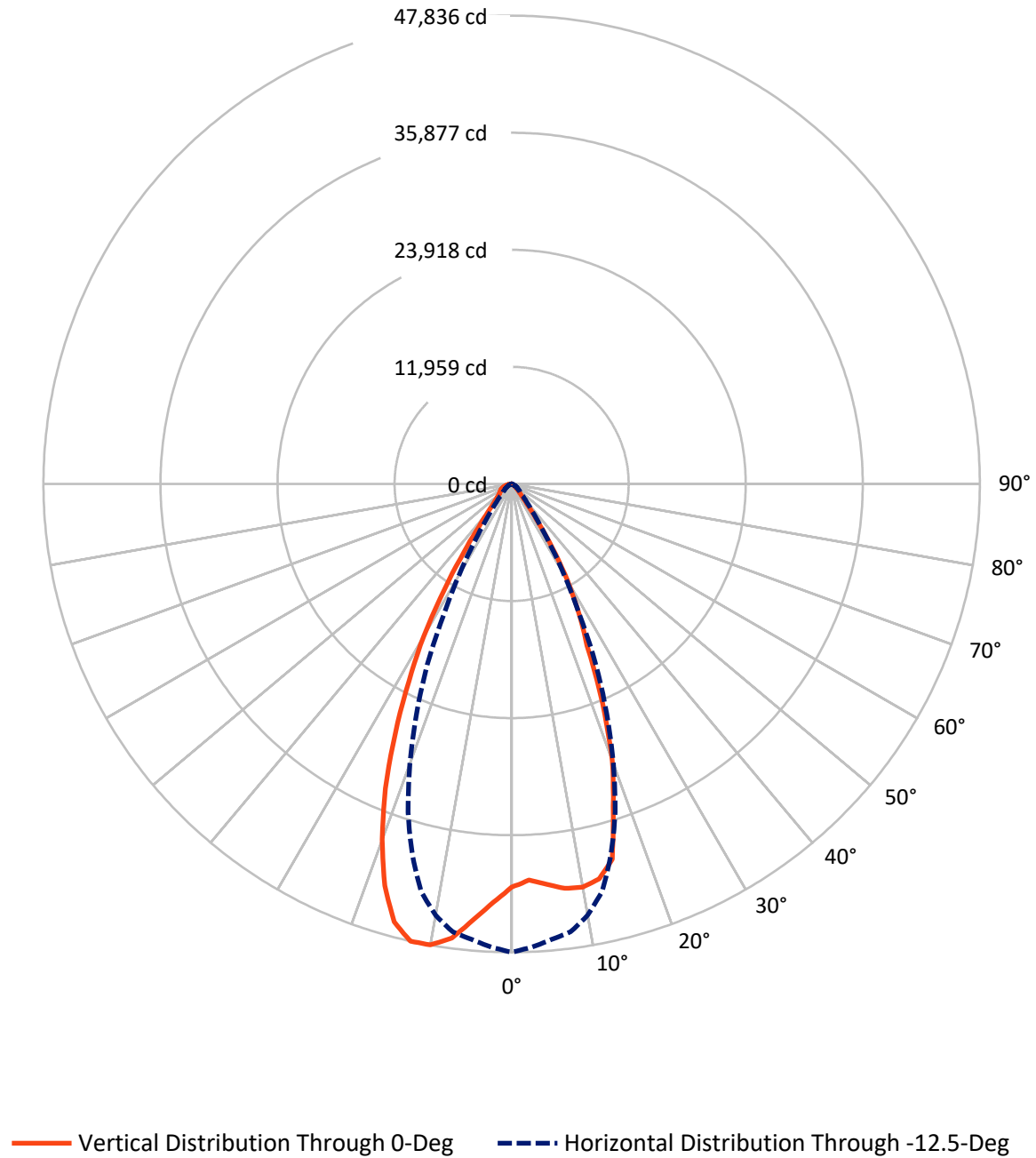
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Lumen Table

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	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.1				
50		0.1	0.2	1.1	2.8	4.7	6.5	7.6	7.6	6.5	4.7	2.8	1.1	0.2		0.1			
40	0.2	0.2	1.3	4.8	9.6	15.7	23.4	28.7	28.7	23.4	15.7	9.6	4.8	1.3	0.2	0.2			
30		0.6	3.8	9.9	20.5	44.3	100.8	153.9	153.9	100.8	44.3	20.5	9.9	3.8	0.6				
20	0.4	1.4	6.4	15.9	42.8	158.7	408.7	571.3	571.3	408.7	158.7	42.8	15.9	6.4	1.4	0.4			
10		2.3	8.9	24.6	101.9	440.8	919.5	1138.5	1138.5	919.5	440.8	101.9	24.6	8.9	2.3				
0	0.7	3.0	11.0	31.8	162.4	649.1	1185.6	1285.3	1285.3	1185.6	649.1	162.4	31.8	11.0	3.0	0.7			
-10		3.5	12.1	34.0	169.9	670.4	1228.3	1364.2	1364.2	1228.3	670.4	169.9	34.0	12.1	3.5				
-20	1.0	3.8	12.3	30.9	121.5	499.1	1036.2	1323.1	1323.1	1036.2	499.1	121.5	30.9	12.3	3.8	1.0			
-30		3.6	11.7	25.7	67.9	242.1	577.4	812.5	812.5	577.4	242.1	67.9	25.7	11.7	3.6				
-40	0.9	3.2	10.5	21.4	40.5	86.2	180.4	267.7	267.7	180.4	86.2	40.5	21.4	10.5	3.2	0.9			
-50		2.7	8.8	17.8	29.6	43.7	61.5	73.0	73.0	61.5	43.7	29.6	17.8	8.8	2.7				
-60	0.6	2.0	6.6	14.0	23.3	32.2	40.2	44.0	44.0	40.2	32.2	23.3	14.0	6.6	2.0	0.6			
-70		1.4	4.2	9.5	16.3	23.0	29.2	32.6	32.6	29.2	23.0	16.3	9.5	4.2	1.4				
-80	0.3	3.8	17.2	36.6	46.9	36.6	17.2	3.8	0.3										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

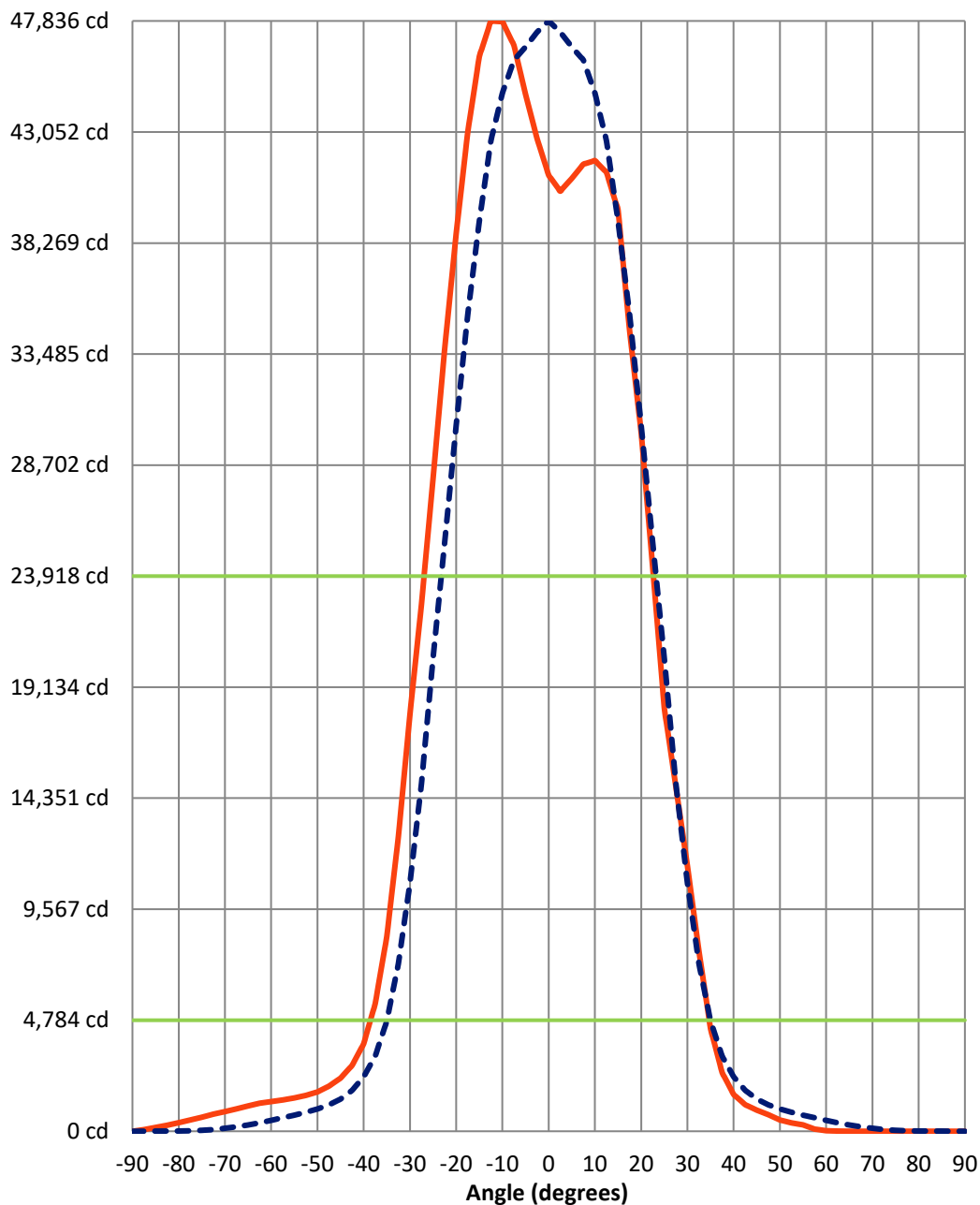
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 22869.9
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 30776.1
 Efficiency: 90.1%

Spill:
 Lumens: 3368.5
 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	2	2	1	0	0	0	0
67.5°	0	0	0	1	2	2	1	0	0	1	1
65°	0	0	0	2	3	3	1	0	2	2	2
62.5°	0	0	0	2	4	3	1	1	4	4	5
60°	0	0	0	3	5	3	2	3	5	6	7
57.5°	0	0	1	4	5	3	3	6	7	7	8
55°	0	0	1	5	5	4	4	8	7	8	8
52.5°	0	0	2	6	5	4	6	8	8	8	8
50°	0	0	2	7	6	5	7	8	8	8	9
47.5°	0	0	3	7	6	6	8	9	8	8	11
45°	0	0	3	8	6	6	9	10	8	10	13
42.5°	0	0	4	8	6	7	9	10	9	12	16
40°	0	0	4	8	7	7	10	11	10	14	19
37.5°	0	0	5	8	7	8	11	11	13	18	22
35°	0	0	5	8	7	8	12	12	16	22	29
32.5°	0	0	5	8	8	9	13	12	19	28	47
30°	0	0	6	8	8	10	14	13	22	34	63
27.5°	0	0	6	8	8	11	14	16	26	42	78
25°	0	0	6	8	8	12	15	18	32	53	91
22.5°	0	0	7	8	8	13	15	21	38	65	107
20°	0	0	7	8	8	13	16	23	44	75	124
17.5°	0	0	7	8	8	14	16	26	51	85	141
15°	0	0	7	8	8	14	17	29	58	93	158
12.5°	0	0	7	8	8	15	18	35	65	101	175
10°	0	0	8	8	8	15	19	40	71	113	191
7.5°	0	0	8	8	8	15	20	46	75	126	203
5°	0	0	8	8	8	16	21	52	80	140	213
2.5°	0	0	8	8	8	16	22	58	83	153	221
0°	0	0	8	8	8	16	23	63	86	165	227
-2.5°	0	0	8	8	8	17	28	65	97	172	240
-5°	0	0	8	8	9	17	32	67	108	178	250
-7.5°	0	1	8	8	10	18	35	68	117	184	259
-10°	0	1	8	8	10	19	38	69	124	188	266
-12.5°	0	1	8	8	11	19	41	70	130	192	271
-15°	0	1	7	8	11	19	43	71	132	194	273
-17.5°	0	1	7	8	12	20	44	74	131	195	273
-20°	0	1	7	8	12	20	45	77	129	194	270

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CATALOG NUMBER: GFLD-SA6E-722-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	7	8	12	20	45	79	127	191	263
-25°	0	1	7	8	12	21	45	79	125	187	253
-27.5°	0	2	7	8	12	23	44	79	121	182	247
-30°	0	2	7	8	12	24	44	78	120	177	240
-32.5°	0	2	7	8	12	25	42	76	118	172	230
-35°	0	2	7	8	13	25	43	74	115	166	219
-37.5°	0	2	7	8	13	26	43	72	110	161	215
-40°	0	2	6	8	13	26	43	69	103	154	212
-42.5°	0	2	6	8	13	26	43	66	98	146	205
-45°	0	2	6	8	14	26	42	63	94	137	195
-47.5°	0	2	6	9	14	25	40	62	89	127	183
-50°	0	2	6	9	14	25	39	59	85	121	169
-52.5°	0	2	7	9	14	24	38	56	81	115	154
-55°	0	2	7	9	14	23	37	52	77	107	145
-57.5°	0	2	7	9	14	22	35	50	73	101	134
-60°	0	2	7	10	14	21	33	48	67	94	124
-62.5°	0	2	6	10	13	20	31	44	63	86	114
-65°	0	1	6	10	13	19	28	41	57	78	102
-67.5°	0	1	6	10	13	18	26	37	51	69	91
-70°	0	1	5	9	13	17	23	32	45	59	78
-72.5°	0	1	4	9	12	16	21	28	38	51	65
-75°	0	1	4	7	12	15	19	25	31	41	53
-77.5°	0	1	3	6	10	14	18	22	27	33	41
-80°	0	1	3	5	8	12	16	19	24	28	34
-82.5°	0	1	2	4	6	9	12	16	20	23	27
-85°	0	0	1	3	4	6	8	11	13	16	20
-87.5°	0	0	1	1	2	3	4	5	7	8	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-722-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°	1	2	3	2	0	0	0	0	0	0	0
65°	4	5	4	2	0	2	3	2	0	0	0
62.5°	7	6	4	3	4	6	5	3	1	2	3
60°	8	7	5	6	8	7	5	5	6	8	19
57.5°	8	7	7	8	9	8	10	11	28	47	52
55°	8	8	9	11	12	14	21	44	66	81	87
52.5°	9	9	12	15	18	30	54	80	101	117	138
50°	10	13	16	22	35	61	91	120	147	172	202
47.5°	13	16	24	34	64	98	134	171	202	237	280
45°	16	25	34	61	97	140	185	226	259	300	338
42.5°	20	38	57	86	138	190	241	274	310	355	406
40°	33	54	82	126	181	244	288	324	363	425	487
37.5°	48	75	109	166	233	293	336	380	437	509	582
35°	65	96	146	210	283	339	387	442	520	602	690
32.5°	83	116	181	254	323	383	437	518	600	691	811
30°	101	146	217	296	361	423	500	589	671	782	923
27.5°	119	176	253	330	396	462	562	649	742	869	1038
25°	140	208	286	361	430	512	623	716	811	973	1200
22.5°	164	238	319	391	462	566	685	799	925	1086	1366
20°	190	267	349	425	494	617	750	891	1061	1285	1652
17.5°	214	293	377	460	546	672	821	987	1199	1478	2018
15°	236	316	405	495	595	729	892	1097	1353	1700	2371
12.5°	255	337	432	529	639	780	954	1177	1479	1979	2822
10°	273	355	458	562	678	825	1009	1245	1583	2179	3159
7.5°	288	375	482	593	711	864	1055	1300	1674	2336	3422
5°	301	398	502	616	736	896	1093	1342	1751	2451	3625
2.5°	312	420	519	635	755	922	1123	1383	1825	2546	3796
0°	322	439	533	651	769	941	1145	1412	1882	2612	3929
-2.5°	333	449	552	663	791	955	1155	1433	1901	2621	3903
-5°	342	456	567	672	808	963	1158	1441	1899	2601	3822
-7.5°	349	460	578	680	817	967	1159	1436	1879	2557	3692
-10°	355	465	582	689	820	966	1154	1418	1834	2473	3495
-12.5°	363	470	583	693	819	961	1138	1387	1764	2346	3242
-15°	368	473	582	692	815	950	1114	1343	1670	2178	2929
-17.5°	370	473	580	686	808	935	1081	1290	1584	2030	2705
-20°	369	472	577	675	799	919	1059	1248	1511	1888	2433

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CATALOG NUMBER: GFLD-SA6E-722-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°	366	469	572	665	784	903	1033	1199	1420	1728	2168
-25°	358	463	565	659	766	883	999	1145	1337	1610	1976
-27.5°	346	453	553	649	747	860	970	1102	1270	1481	1773
-30°	329	440	538	635	731	837	941	1053	1201	1384	1620
-32.5°	312	425	521	616	712	812	911	1015	1141	1294	1478
-35°	300	406	504	593	689	786	881	977	1081	1216	1374
-37.5°	293	387	486	570	661	755	847	939	1035	1141	1284
-40°	283	367	465	550	632	723	812	899	988	1094	1204
-42.5°	271	353	443	530	607	691	776	859	948	1046	1149
-45°	260	337	422	502	580	659	741	819	906	999	1094
-47.5°	245	317	399	470	547	626	705	783	859	946	1038
-50°	227	296	370	439	507	586	664	743	818	891	972
-52.5°	209	270	341	408	471	537	617	697	772	845	916
-55°	189	246	310	376	439	497	566	647	721	792	865
-57.5°	173	221	280	343	405	464	528	596	670	739	810
-60°	159	199	248	307	368	427	489	553	619	686	749
-62.5°	145	179	219	268	325	384	442	502	565	622	679
-65°	131	158	192	233	278	332	388	445	502	552	601
-67.5°	115	140	167	198	237	282	327	379	431	480	527
-70°	99	121	144	170	199	236	277	319	361	405	450
-72.5°	83	102	122	143	169	200	232	266	302	340	378
-75°	68	83	100	118	140	165	192	221	250	280	311
-77.5°	53	66	80	94	111	130	152	174	198	222	246
-80°	41	50	61	73	86	100	114	130	148	167	187
-82.5°	33	39	46	53	62	71	81	92	106	120	134
-85°	23	27	31	36	41	46	52	59	67	76	85
-87.5°	12	14	16	18	20	23	25	28	32	36	40
-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	0	0	0	0	0	0
62.5°	2	2	3	3	2	2	4	5	5	6	6
60°	21	15	20	26	25	19	28	32	29	24	24
57.5°	55	59	68	79	88	93	100	108	114	118	121
55°	101	121	142	152	169	194	217	219	223	229	242
52.5°	161	185	196	214	248	269	279	297	317	336	353
50°	234	254	278	308	340	360	367	399	439	470	489
47.5°	308	334	377	430	458	481	513	555	598	644	681
45°	376	424	479	526	562	602	646	698	766	830	878
42.5°	454	508	563	618	658	725	802	862	960	1046	1099
40°	545	598	677	744	827	912	1044	1167	1290	1433	1537
37.5°	653	736	847	955	1078	1204	1441	1683	1881	2159	2313
35°	784	912	1070	1231	1427	1730	2076	2544	3030	3435	3825
32.5°	936	1098	1316	1605	1934	2421	2940	3802	4641	5480	6303
30°	1084	1321	1654	2051	2592	3362	4341	5673	7115	8378	9521
27.5°	1282	1618	2051	2643	3564	4694	6501	8350	10186	11826	13003
25°	1521	1972	2585	3565	4895	6768	9190	11456	13612	15219	16573
22.5°	1868	2543	3412	4661	7074	9680	12578	15429	17850	19876	21211
20°	2296	3209	4664	6926	9765	13023	16753	19752	22734	25013	27049
17.5°	2902	4357	6410	9284	12675	17021	20862	24207	27993	30322	32399
15°	3447	5317	8244	11910	15884	20491	25020	29116	32771	35331	37652
12.5°	4137	6338	9702	14015	18362	23489	28198	32584	36164	38798	40422
10°	4755	7384	11159	15669	20535	25893	30772	35338	38805	40841	42036
7.5°	5253	8254	12340	17085	22223	27615	32769	37301	40618	42322	43138
5°	5639	8898	13264	18246	23582	29099	34360	38796	41590	42998	43454
2.5°	5929	9347	13886	19010	24500	30196	35567	39939	42322	43338	43489
0°	6126	9663	14290	19490	25287	30589	36220	40659	42926	43742	43820
-2.5°	6079	9549	14273	19317	25196	30765	36324	40705	43131	44227	44405
-5°	5956	9280	13799	18823	24480	30057	35359	39985	42962	44617	45350
-7.5°	5717	8816	12990	17878	23319	28902	34308	39108	42533	44862	46297
-10°	5310	8137	11954	16683	22045	27364	32710	37691	41380	44183	46182
-12.5°	4755	7217	10692	14990	20380	25347	30408	35181	39207	42664	44729
-15°	4183	6259	9380	13313	18006	22897	27572	32255	36230	39463	42039
-17.5°	3775	5420	7861	11303	15423	20063	24625	28927	32513	35553	38254
-20°	3258	4480	6413	9307	12935	16991	21361	25189	28392	31242	33823



REPORT NUMBER: P627966 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	2847	3836	5233	7207	10466	14044	17618	21143	24154	26692	28894
-25°	2474	3168	4260	5865	7985	11074	14086	17063	19843	22201	24185
-27.5°	2181	2733	3461	4604	6212	8015	10654	13142	15532	17689	19559
-30°	1915	2328	2897	3613	4706	6046	7633	9493	11399	13102	14801
-32.5°	1723	2018	2409	2939	3552	4511	5470	6722	7929	9171	10390
-35°	1551	1788	2054	2409	2830	3389	4021	4786	5431	6244	6993
-37.5°	1434	1600	1804	2028	2328	2640	3069	3533	3933	4386	4766
-40°	1336	1467	1604	1756	1962	2173	2449	2710	2964	3240	3446
-42.5°	1254	1359	1458	1575	1697	1867	2052	2215	2369	2531	2666
-45°	1189	1268	1348	1438	1531	1654	1785	1907	2007	2097	2171
-47.5°	1120	1190	1261	1331	1410	1499	1585	1663	1747	1817	1868
-50°	1052	1122	1186	1246	1315	1385	1453	1515	1574	1627	1659
-52.5°	986	1058	1121	1176	1234	1292	1348	1404	1456	1502	1524
-55°	935	1002	1065	1115	1164	1213	1263	1316	1364	1409	1423
-57.5°	880	947	1009	1055	1100	1143	1190	1239	1285	1327	1341
-60°	816	887	941	984	1030	1078	1122	1166	1209	1245	1260
-62.5°	740	803	853	896	937	976	1024	1071	1116	1152	1174
-65°	650	705	753	796	836	874	919	962	1002	1034	1058
-67.5°	571	614	654	692	731	770	811	851	890	918	937
-70°	493	533	570	606	640	674	708	742	775	799	818
-72.5°	416	451	483	515	547	577	606	635	663	684	702
-75°	344	374	401	428	455	479	501	524	545	564	580
-77.5°	271	295	319	342	365	384	401	418	435	450	465
-80°	207	225	242	259	277	291	305	318	330	342	354
-82.5°	149	160	172	183	195	205	215	224	233	242	250
-85°	95	101	107	114	120	126	132	138	144	149	154
-87.5°	45	48	51	54	57	60	63	65	68	71	73
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-722-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°	7	7	8	8	8	7	7	6	6	5	5
60°	24	23	23	24	23	23	24	24	24	29	32
57.5°	118	110	102	94	102	110	118	121	118	114	108
55°	256	271	277	275	277	271	256	242	229	223	219
52.5°	364	371	369	361	369	371	364	353	336	317	297
50°	498	498	494	486	494	498	498	489	470	439	399
47.5°	699	710	715	714	715	710	699	681	644	598	555
45°	897	907	911	910	911	907	897	878	830	766	698
42.5°	1128	1145	1151	1145	1151	1145	1128	1099	1046	960	862
40°	1598	1618	1609	1584	1609	1618	1598	1537	1433	1290	1167
37.5°	2421	2499	2533	2533	2499	2421	2313	2159	1881	1683	1683
35°	4176	4456	4584	4424	4584	4456	4176	3825	3435	3030	2544
32.5°	6975	7470	7749	7749	7749	7470	6975	6303	5480	4641	3802
30°	10385	11005	11354	11428	11354	11005	10385	9521	8378	7115	5673
27.5°	13922	14563	14896	14847	14896	14563	13922	13003	11826	10186	8350
25°	17470	17956	18236	18244	18236	17956	17470	16573	15219	13612	11456
22.5°	22712	23734	24155	24267	24155	23734	22712	21211	19876	17850	15429
20°	28427	29418	30056	30095	30056	29418	28427	27049	25013	22734	19752
17.5°	33872	34363	34454	34495	34454	34363	33872	32399	30322	27993	24207
15°	39004	39176	39630	39687	39630	39176	39004	37652	35331	32771	29116
12.5°	41442	41599	41521	41311	41521	41599	41442	40422	38798	36164	32584
10°	42770	42548	42218	41820	42218	42548	42770	42036	40841	38805	35338
7.5°	43071	42825	42242	41664	42242	42825	43071	43138	42322	40618	37301
5°	43214	42490	41754	41052	41754	42490	43214	43454	42998	41590	38796
2.5°	43130	42268	41257	40503	41257	42268	43130	43489	43338	42322	39939
0°	43405	42534	41475	41193	41475	42534	43405	43820	43742	42926	40659
-2.5°	44171	43465	42912	42761	42912	43465	44171	44405	44227	43131	40705
-5°	45549	45394	44455	44675	44455	45394	45549	45350	44617	42962	39985
-7.5°	46881	46660	46263	46777	46263	46660	46881	46297	44862	42533	39108
-10°	47235	47163	47349	47805	47349	47163	47235	46182	44183	41380	37691
-12.5°	46150	46718	47356	47836	47356	46718	46150	44729	42664	39207	35181
-15°	43730	44893	45846	46299	45846	44893	43730	42039	39463	36230	32255
-17.5°	40166	41592	42722	43044	42722	41592	40166	38254	35553	32513	28927
-20°	35778	37229	38257	38667	38257	37229	35778	33823	31242	28392	25189



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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°	30840	32257	33188	33679	33188	32257	30840	28894	26692	24154	21143
-25°	25829	27074	27901	28118	27901	27074	25829	24185	22201	19843	17063
-27.5°	21036	22037	22647	22714	22647	22037	21036	19559	17689	15532	13142
-30°	16215	17145	17673	17953	17673	17145	16215	14801	13102	11399	9493
-32.5°	11388	12126	12573	12690	12573	12126	11388	10390	9171	7929	6722
-35°	7593	8052	8335	8392	8335	8052	7593	6993	6244	5431	4786
-37.5°	5077	5301	5438	5506	5438	5301	5077	4766	4386	3933	3533
-40°	3597	3702	3760	3773	3760	3702	3597	3446	3240	2964	2710
-42.5°	2751	2804	2832	2839	2832	2804	2751	2666	2531	2369	2215
-45°	2223	2260	2283	2290	2283	2260	2223	2171	2097	2007	1907
-47.5°	1902	1926	1940	1945	1940	1926	1902	1868	1817	1747	1663
-50°	1678	1691	1697	1694	1697	1691	1678	1659	1627	1574	1515
-52.5°	1537	1546	1548	1545	1548	1546	1537	1524	1502	1456	1404
-55°	1432	1438	1439	1435	1439	1438	1432	1423	1409	1364	1316
-57.5°	1352	1360	1357	1349	1357	1360	1352	1341	1327	1285	1239
-60°	1272	1281	1282	1279	1282	1281	1272	1260	1245	1209	1166
-62.5°	1193	1209	1211	1208	1211	1209	1193	1174	1152	1116	1071
-65°	1079	1098	1098	1090	1098	1098	1079	1058	1034	1002	962
-67.5°	953	967	968	965	968	967	953	937	918	890	851
-70°	835	850	850	847	850	850	835	818	799	775	742
-72.5°	718	733	736	737	736	733	718	702	684	663	635
-75°	595	608	607	604	607	608	595	580	564	545	524
-77.5°	479	491	490	486	490	491	479	465	450	435	418
-80°	365	375	372	369	372	375	365	354	342	330	318
-82.5°	258	265	263	259	263	265	258	250	242	233	224
-85°	159	164	165	165	165	164	159	154	149	144	138
-87.5°	76	78	74	71	74	78	76	73	71	68	65
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627966 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	4	2	2	3	3	2	2	3	2	1	3
60°	28	19	25	26	20	15	21	19	8	6	5
57.5°	100	93	88	79	68	59	55	52	47	28	11
55°	217	194	169	152	142	121	101	87	81	66	44
52.5°	279	269	248	214	196	185	161	138	117	101	80
50°	367	360	340	308	278	254	234	202	172	147	120
47.5°	513	481	458	430	377	334	308	280	237	202	171
45°	646	602	562	526	479	424	376	338	300	259	226
42.5°	802	725	658	618	563	508	454	406	355	310	274
40°	1044	912	827	744	677	598	545	487	425	363	324
37.5°	1441	1204	1078	955	847	736	653	582	509	437	380
35°	2076	1730	1427	1231	1070	912	784	690	602	520	442
32.5°	2940	2421	1934	1605	1316	1098	936	811	691	600	518
30°	4341	3362	2592	2051	1654	1321	1084	923	782	671	589
27.5°	6501	4694	3564	2643	2051	1618	1282	1038	869	742	649
25°	9190	6768	4895	3565	2585	1972	1521	1200	973	811	716
22.5°	12578	9680	7074	4661	3412	2543	1868	1366	1086	925	799
20°	16753	13023	9765	6926	4664	3209	2296	1652	1285	1061	891
17.5°	20862	17021	12675	9284	6410	4357	2902	2018	1478	1199	987
15°	25020	20491	15884	11910	8244	5317	3447	2371	1700	1353	1097
12.5°	28198	23489	18362	14015	9702	6338	4137	2822	1979	1479	1177
10°	30772	25893	20535	15669	11159	7384	4755	3159	2179	1583	1245
7.5°	32769	27615	22223	17085	12340	8254	5253	3422	2336	1674	1300
5°	34360	29099	23582	18246	13264	8898	5639	3625	2451	1751	1342
2.5°	35567	30196	24500	19010	13886	9347	5929	3796	2546	1825	1383
0°	36220	30589	25287	19490	14290	9663	6126	3929	2612	1882	1412
-2.5°	36324	30765	25196	19317	14273	9549	6079	3903	2621	1901	1433
-5°	35359	30057	24480	18823	13799	9280	5956	3822	2601	1899	1441
-7.5°	34308	28902	23319	17878	12990	8816	5717	3692	2557	1879	1436
-10°	32710	27364	22045	16683	11954	8137	5310	3495	2473	1834	1418
-12.5°	30408	25347	20380	14990	10692	7217	4755	3242	2346	1764	1387
-15°	27572	22897	18006	13313	9380	6259	4183	2929	2178	1670	1343
-17.5°	24625	20063	15423	11303	7861	5420	3775	2705	2030	1584	1290
-20°	21361	16991	12935	9307	6413	4480	3258	2433	1888	1511	1248

Classified

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

Scaled Data Report



REPORT NUMBER: P627966 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	17618	14044	10466	7207	5233	3836	2847	2168	1728	1420	1199
-25°	14086	11074	7985	5865	4260	3168	2474	1976	1610	1337	1145
-27.5°	10654	8015	6212	4604	3461	2733	2181	1773	1481	1270	1102
-30°	7633	6046	4706	3613	2897	2328	1915	1620	1384	1201	1053
-32.5°	5470	4511	3552	2939	2409	2018	1723	1478	1294	1141	1015
-35°	4021	3389	2830	2409	2054	1788	1551	1374	1216	1081	977
-37.5°	3069	2640	2328	2028	1804	1600	1434	1284	1141	1035	939
-40°	2449	2173	1962	1756	1604	1467	1336	1204	1094	988	899
-42.5°	2052	1867	1697	1575	1458	1359	1254	1149	1046	948	859
-45°	1785	1654	1531	1438	1348	1268	1189	1094	999	906	819
-47.5°	1585	1499	1410	1331	1261	1190	1120	1038	946	859	783
-50°	1453	1385	1315	1246	1186	1122	1052	972	891	818	743
-52.5°	1348	1292	1234	1176	1121	1058	986	916	845	772	697
-55°	1263	1213	1164	1115	1065	1002	935	865	792	721	647
-57.5°	1190	1143	1100	1055	1009	947	880	810	739	670	596
-60°	1122	1078	1030	984	941	887	816	749	686	619	553
-62.5°	1024	976	937	896	853	803	740	679	622	565	502
-65°	919	874	836	796	753	705	650	601	552	502	445
-67.5°	811	770	731	692	654	614	571	527	480	431	379
-70°	708	674	640	606	570	533	493	450	405	361	319
-72.5°	606	577	547	515	483	451	416	378	340	302	266
-75°	501	479	455	428	401	374	344	311	280	250	221
-77.5°	401	384	365	342	319	295	271	246	222	198	174
-80°	305	291	277	259	242	225	207	187	167	148	130
-82.5°	215	205	195	183	172	160	149	134	120	106	92
-85°	132	126	120	114	107	101	95	85	76	67	59
-87.5°	63	60	57	54	51	48	45	40	36	32	28
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-722-U-MWR-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	1	1	0	0	0	0	0	0
67.5°	0	0	0	2	3	2	1	1	1	0	0
65°	3	2	0	2	4	5	4	2	2	2	0
62.5°	5	6	4	3	4	6	7	5	4	4	1
60°	5	7	8	6	5	7	8	7	6	5	3
57.5°	10	8	9	8	7	7	8	8	7	7	6
55°	21	14	12	11	9	8	8	8	8	7	8
52.5°	54	30	18	15	12	9	9	8	8	8	8
50°	91	61	35	22	16	13	10	9	8	8	8
47.5°	134	98	64	34	24	16	13	11	8	8	9
45°	185	140	97	61	34	25	16	13	10	8	10
42.5°	241	190	138	86	57	38	20	16	12	9	10
40°	288	244	181	126	82	54	33	19	14	10	11
37.5°	336	293	233	166	109	75	48	22	18	13	11
35°	387	339	283	210	146	96	65	29	22	16	12
32.5°	437	383	323	254	181	116	83	47	28	19	12
30°	500	423	361	296	217	146	101	63	34	22	13
27.5°	562	462	396	330	253	176	119	78	42	26	16
25°	623	512	430	361	286	208	140	91	53	32	18
22.5°	685	566	462	391	319	238	164	107	65	38	21
20°	750	617	494	425	349	267	190	124	75	44	23
17.5°	821	672	546	460	377	293	214	141	85	51	26
15°	892	729	595	495	405	316	236	158	93	58	29
12.5°	954	780	639	529	432	337	255	175	101	65	35
10°	1009	825	678	562	458	355	273	191	113	71	40
7.5°	1055	864	711	593	482	375	288	203	126	75	46
5°	1093	896	736	616	502	398	301	213	140	80	52
2.5°	1123	922	755	635	519	420	312	221	153	83	58
0°	1145	941	769	651	533	439	322	227	165	86	63
-2.5°	1155	955	791	663	552	449	333	240	172	97	65
-5°	1158	963	808	672	567	456	342	250	178	108	67
-7.5°	1159	967	817	680	578	460	349	259	184	117	68
-10°	1154	966	820	689	582	465	355	266	188	124	69
-12.5°	1138	961	819	693	583	470	363	271	192	130	70
-15°	1114	950	815	692	582	473	368	273	194	132	71
-17.5°	1081	935	808	686	580	473	370	273	195	131	74
-20°	1059	919	799	675	577	472	369	270	194	129	77

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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°	1033	903	784	665	572	469	366	263	191	127	79
-25°	999	883	766	659	565	463	358	253	187	125	79
-27.5°	970	860	747	649	553	453	346	247	182	121	79
-30°	941	837	731	635	538	440	329	240	177	120	78
-32.5°	911	812	712	616	521	425	312	230	172	118	76
-35°	881	786	689	593	504	406	300	219	166	115	74
-37.5°	847	755	661	570	486	387	293	215	161	110	72
-40°	812	723	632	550	465	367	283	212	154	103	69
-42.5°	776	691	607	530	443	353	271	205	146	98	66
-45°	741	659	580	502	422	337	260	195	137	94	63
-47.5°	705	626	547	470	399	317	245	183	127	89	62
-50°	664	586	507	439	370	296	227	169	121	85	59
-52.5°	617	537	471	408	341	270	209	154	115	81	56
-55°	566	497	439	376	310	246	189	145	107	77	52
-57.5°	528	464	405	343	280	221	173	134	101	73	50
-60°	489	427	368	307	248	199	159	124	94	67	48
-62.5°	442	384	325	268	219	179	145	114	86	63	44
-65°	388	332	278	233	192	158	131	102	78	57	41
-67.5°	327	282	237	198	167	140	115	91	69	51	37
-70°	277	236	199	170	144	121	99	78	59	45	32
-72.5°	232	200	169	143	122	102	83	65	51	38	28
-75°	192	165	140	118	100	83	68	53	41	31	25
-77.5°	152	130	111	94	80	66	53	41	33	27	22
-80°	114	100	86	73	61	50	41	34	28	24	19
-82.5°	81	71	62	53	46	39	33	27	23	20	16
-85°	52	46	41	36	31	27	23	20	16	13	11
-87.5°	25	23	20	18	16	14	12	10	8	7	5
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA6E-722-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	2	2	0	0	0	0
67.5°	1	2	2	1	0	0	0
65°	1	3	3	2	0	0	0
62.5°	1	3	4	2	0	0	0
60°	2	3	5	3	0	0	0
57.5°	3	3	5	4	1	0	0
55°	4	4	5	5	1	0	0
52.5°	6	4	5	6	2	0	0
50°	7	5	6	7	2	0	0
47.5°	8	6	6	7	3	0	0
45°	9	6	6	8	3	0	0
42.5°	9	7	6	8	4	0	0
40°	10	7	7	8	4	0	0
37.5°	11	8	7	8	5	0	0
35°	12	8	7	8	5	0	0
32.5°	13	9	8	8	5	0	0
30°	14	10	8	8	6	0	0
27.5°	14	11	8	8	6	0	0
25°	15	12	8	8	6	0	0
22.5°	15	13	8	8	7	0	0
20°	16	13	8	8	7	0	0
17.5°	16	14	8	8	7	0	0
15°	17	14	8	8	7	0	0
12.5°	18	15	8	8	7	0	0
10°	19	15	8	8	8	0	0
7.5°	20	15	8	8	8	0	0
5°	21	16	8	8	8	0	0
2.5°	22	16	8	8	8	0	0
0°	23	16	8	8	8	0	0
-2.5°	28	17	8	8	8	0	0
-5°	32	17	9	8	8	0	0
-7.5°	35	18	10	8	8	1	0
-10°	38	19	10	8	8	1	0
-12.5°	41	19	11	8	8	1	0
-15°	43	19	11	8	7	1	0
-17.5°	44	20	12	8	7	1	0
-20°	45	20	12	8	7	1	0

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CATALOG NUMBER: GFLD-SA6E-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	45	20	12	8	7	1	0
-25°	45	21	12	8	7	1	0
-27.5°	44	23	12	8	7	2	0
-30°	44	24	12	8	7	2	0
-32.5°	42	25	12	8	7	2	0
-35°	43	25	13	8	7	2	0
-37.5°	43	26	13	8	7	2	0
-40°	43	26	13	8	6	2	0
-42.5°	43	26	13	8	6	2	0
-45°	42	26	14	8	6	2	0
-47.5°	40	25	14	9	6	2	0
-50°	39	25	14	9	6	2	0
-52.5°	38	24	14	9	7	2	0
-55°	37	23	14	9	7	2	0
-57.5°	35	22	14	9	7	2	0
-60°	33	21	14	10	7	2	0
-62.5°	31	20	13	10	6	2	0
-65°	28	19	13	10	6	1	0
-67.5°	26	18	13	10	6	1	0
-70°	23	17	13	9	5	1	0
-72.5°	21	16	12	9	4	1	0
-75°	19	15	12	7	4	1	0
-77.5°	18	14	10	6	3	1	0
-80°	16	12	8	5	3	1	0
-82.5°	12	9	6	4	2	1	0
-85°	8	6	4	3	1	0	0
-87.5°	4	3	2	1	1	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)