

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: P627246 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-722-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627246 (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-SA3E-722-U-MWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16656.4 lumens
Efficiency: N/A
Efficacy: 89.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 23335.4 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 11156.4 lumens
Beam Efficiency: 67.0%

Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 15013.2 lumens
Field Efficiency: 90.1%

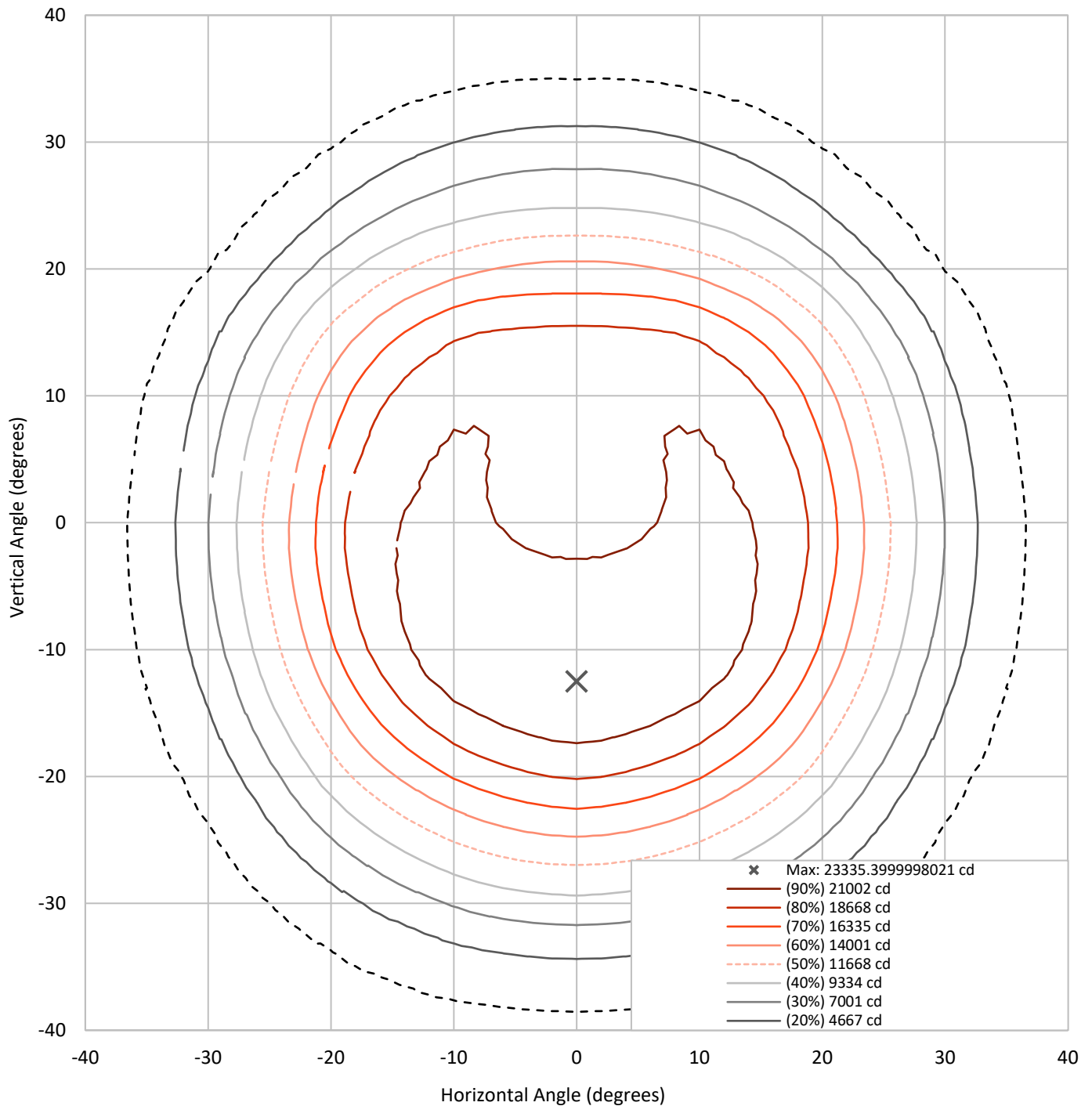
Input Watts (W): 185.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627246 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MWR-VSR-XX

Iso-Candela Plot





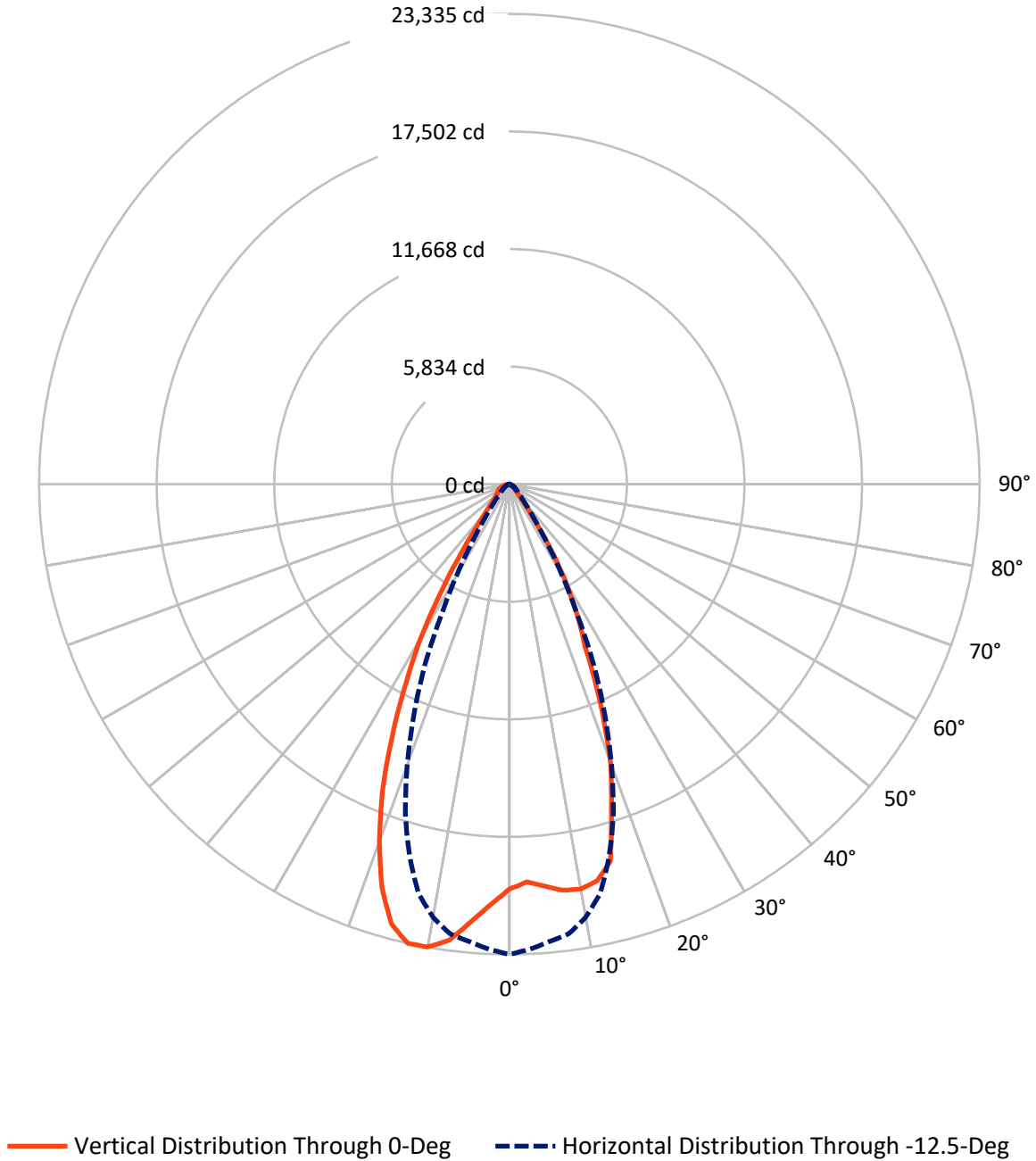
REPORT NUMBER: P627246 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.5	1.4	2.3	3.2	3.7	3.7	3.2	2.3	1.4	0.5	0.1		0.0			
40	0.1	0.1	0.6	2.4	4.7	7.7	11.4	14.0	14.0	11.4	7.7	4.7	2.4	0.6	0.1	0.1			
30		0.3	1.9	4.8	10.0	21.6	49.2	75.1	75.1	49.2	21.6	10.0	4.8	1.9	0.3				
20	0.2	0.7	3.1	7.8	20.9	77.4	199.4	278.7	278.7	199.4	77.4	20.9	7.8	3.1	0.7	0.2			
10		1.1	4.3	12.0	49.7	215.0	448.6	555.4	555.4	448.6	215.0	49.7	12.0	4.3	1.1				
0	0.3	1.5	5.4	15.5	79.2	316.6	578.4	627.0	627.0	578.4	316.6	79.2	15.5	5.4	1.5	0.3			
-10		1.7	5.9	16.6	82.9	327.0	599.2	665.5	665.5	599.2	327.0	82.9	16.6	5.9	1.7				
-20	0.5	1.8	6.0	15.1	59.3	243.5	505.5	645.4	645.4	505.5	243.5	59.3	15.1	6.0	1.8	0.5			
-30		1.8	5.7	12.5	33.1	118.1	281.7	396.3	396.3	281.7	118.1	33.1	12.5	5.7	1.8				
-40	0.4	1.5	5.1	10.4	19.8	42.1	88.0	130.6	130.6	88.0	42.1	19.8	10.4	5.1	1.5	0.4			
-50		1.3	4.3	8.7	14.4	21.3	30.0	35.6	35.6	30.0	21.3	14.4	8.7	4.3	1.3				
-60	0.3	1.0	3.2	6.8	11.4	15.7	19.6	21.5	21.5	19.6	15.7	11.4	6.8	3.2	1.0	0.3			
-70		0.7	2.1	4.7	8.0	11.2	14.3	15.9	15.9	14.3	11.2	8.0	4.7	2.1	0.7				
-80	0.1	1.8	8.4	17.9	22.9	17.9	8.4	1.8	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

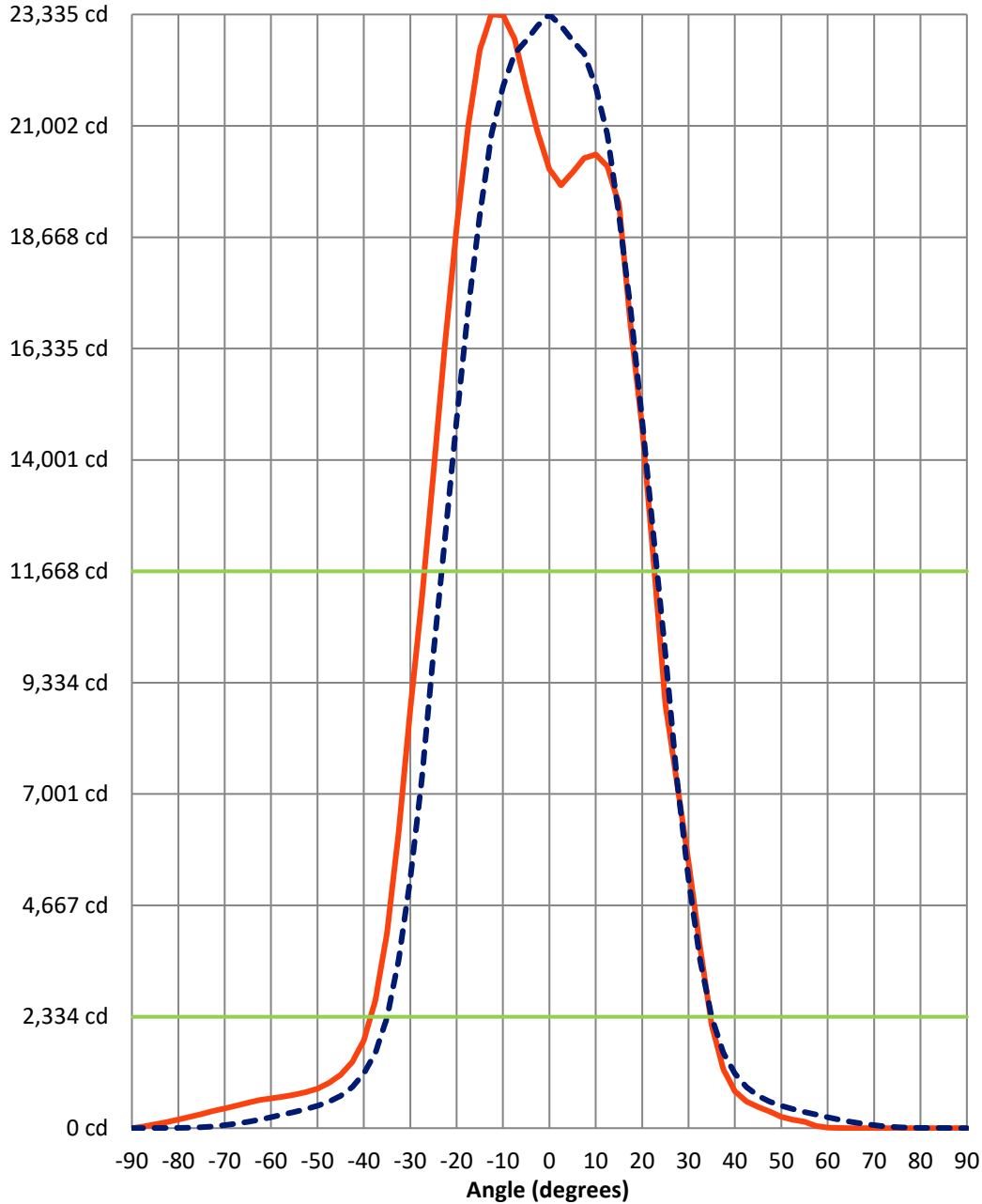
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 11156.4
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 15013.2
 Efficiency: 90.1%

Spill:
 Lumens: 1643.2
 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	0	0	0	0	0	0
72.5°	0	0	0	0	0	1	0	0	0	0	0
70°	0	0	0	0	1	1	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	1	0
65°	0	0	0	1	2	1	1	0	1	1	1
62.5°	0	0	0	1	2	1	1	1	2	2	2
60°	0	0	0	2	2	2	1	2	3	3	3
57.5°	0	0	0	2	2	2	1	3	3	3	4
55°	0	0	1	2	3	2	2	4	4	4	4
52.5°	0	0	1	3	3	2	3	4	4	4	4
50°	0	0	1	3	3	2	3	4	4	4	4
47.5°	0	0	1	4	3	3	4	4	4	4	5
45°	0	0	2	4	3	3	4	5	4	5	6
42.5°	0	0	2	4	3	3	5	5	4	6	8
40°	0	0	2	4	3	4	5	5	5	7	9
37.5°	0	0	2	4	3	4	5	5	6	9	11
35°	0	0	2	4	4	4	6	6	8	11	14
32.5°	0	0	3	4	4	4	6	6	9	14	23
30°	0	0	3	4	4	5	7	6	11	17	31
27.5°	0	0	3	4	4	5	7	8	13	20	38
25°	0	0	3	4	4	6	7	9	15	26	44
22.5°	0	0	3	4	4	6	7	10	18	31	52
20°	0	0	3	4	4	7	8	11	22	37	61
17.5°	0	0	3	4	4	7	8	12	25	41	69
15°	0	0	4	4	4	7	8	14	28	45	77
12.5°	0	0	4	4	4	7	9	17	32	49	85
10°	0	0	4	4	4	7	9	20	34	55	93
7.5°	0	0	4	4	4	8	10	23	37	62	99
5°	0	0	4	4	4	8	10	25	39	68	104
2.5°	0	0	4	4	4	8	11	28	41	74	108
0°	0	0	4	4	4	8	11	31	42	80	111
-2.5°	0	0	4	4	4	8	14	32	48	84	117
-5°	0	0	4	4	4	8	15	33	53	87	122
-7.5°	0	0	4	4	5	9	17	33	57	90	126
-10°	0	0	4	4	5	9	19	34	61	92	130
-12.5°	0	0	4	4	5	9	20	34	63	94	132
-15°	0	0	4	4	6	10	21	35	64	95	133
-17.5°	0	1	4	4	6	10	22	36	64	95	133
-20°	0	1	3	4	6	10	22	37	63	95	132

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Scaled Data Report



REPORT NUMBER: P627246 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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	3	4	6	10	22	38	62	93	128
-25°	0	1	3	4	6	11	22	39	61	91	123
-27.5°	0	1	3	4	6	11	22	39	59	89	121
-30°	0	1	3	4	6	12	21	38	59	86	117
-32.5°	0	1	3	4	6	12	21	37	58	84	112
-35°	0	1	3	4	6	12	21	36	56	81	107
-37.5°	0	1	3	4	6	13	21	35	54	78	105
-40°	0	1	3	4	6	13	21	34	50	75	103
-42.5°	0	1	3	4	6	13	21	32	48	71	100
-45°	0	1	3	4	7	13	20	31	46	67	95
-47.5°	0	1	3	4	7	12	20	30	44	62	89
-50°	0	1	3	4	7	12	19	29	42	59	82
-52.5°	0	1	3	4	7	12	19	27	40	56	75
-55°	0	1	3	5	7	11	18	26	38	52	71
-57.5°	0	1	3	5	7	11	17	24	35	49	66
-60°	0	1	3	5	7	10	16	23	33	46	60
-62.5°	0	1	3	5	7	10	15	22	31	42	55
-65°	0	1	3	5	6	9	14	20	28	38	50
-67.5°	0	1	3	5	6	9	13	18	25	34	44
-70°	0	1	2	5	6	8	11	16	22	29	38
-72.5°	0	1	2	4	6	8	10	13	19	25	32
-75°	0	0	2	4	6	7	9	12	15	20	26
-77.5°	0	0	2	3	5	7	9	11	13	16	20
-80°	0	0	1	2	4	6	8	9	12	14	16
-82.5°	0	0	1	2	3	4	6	8	10	11	13
-85°	0	0	1	1	2	3	4	5	7	8	10
-87.5°	0	0	0	1	1	1	2	3	3	4	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627246 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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	0	0	0	0	0	0	0	0	0
67.5°	0	1	1	1	0	0	0	0	0	0	0
65°	2	2	2	1	0	1	1	1	0	0	0
62.5°	4	3	2	2	2	3	2	1	0	1	1
60°	4	3	3	3	4	3	2	3	3	4	9
57.5°	4	4	3	4	4	4	5	5	14	23	25
55°	4	4	4	5	6	7	10	21	32	39	43
52.5°	4	4	6	7	9	14	26	39	49	57	67
50°	5	6	8	11	17	30	45	58	72	84	98
47.5°	6	8	12	17	31	48	66	83	99	116	137
45°	8	12	16	30	47	68	90	110	126	146	165
42.5°	10	19	28	42	67	92	117	134	151	173	198
40°	16	26	40	62	88	119	141	158	177	208	238
37.5°	24	37	53	81	114	143	164	185	213	248	284
35°	32	47	71	102	138	165	189	216	254	294	336
32.5°	41	56	88	124	158	187	213	253	293	337	396
30°	49	71	106	144	176	206	244	288	327	382	450
27.5°	58	86	123	161	193	225	274	317	362	424	506
25°	68	101	140	176	210	250	304	349	396	474	585
22.5°	80	116	156	191	225	276	334	390	451	530	666
20°	93	130	170	207	241	301	366	435	518	627	806
17.5°	104	143	184	224	266	328	400	482	585	721	984
15°	115	154	198	241	290	356	435	535	660	829	1156
12.5°	125	164	211	258	312	380	465	574	722	965	1377
10°	133	173	223	274	331	402	492	607	772	1063	1541
7.5°	141	183	235	289	347	421	515	634	817	1140	1669
5°	147	194	245	301	359	437	533	655	854	1196	1768
2.5°	152	205	253	310	368	450	548	674	890	1242	1852
0°	157	214	260	318	375	459	559	689	918	1274	1917
-2.5°	162	219	269	323	386	466	564	699	927	1279	1904
-5°	167	223	277	328	394	470	565	703	926	1269	1864
-7.5°	170	225	282	332	399	472	566	701	917	1247	1801
-10°	173	227	284	336	400	471	563	692	895	1206	1705
-12.5°	177	229	285	338	400	469	555	677	860	1145	1582
-15°	179	231	284	338	398	464	543	655	815	1062	1429
-17.5°	180	231	283	335	394	456	527	629	773	990	1320
-20°	180	230	281	329	390	448	516	609	737	921	1187

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CATALOG NUMBER: GFLD-SA3E-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°	178	229	279	324	382	440	504	585	692	843	1058
-25°	175	226	275	322	374	431	487	558	652	786	964
-27.5°	169	221	270	317	365	420	473	537	620	722	865
-30°	160	215	262	310	357	408	459	514	586	675	790
-32.5°	152	208	254	300	347	396	445	495	557	631	721
-35°	146	198	246	289	336	383	430	477	527	593	670
-37.5°	143	189	237	278	322	368	413	458	505	557	626
-40°	138	179	227	268	308	353	396	438	482	534	587
-42.5°	132	172	216	258	296	337	378	419	463	510	561
-45°	127	164	206	245	283	321	361	400	442	487	534
-47.5°	119	155	195	229	267	305	344	382	419	461	506
-50°	111	144	181	214	248	286	324	362	399	435	474
-52.5°	102	132	166	199	230	262	301	340	377	412	447
-55°	92	120	151	183	214	242	276	315	352	386	422
-57.5°	85	108	137	167	197	226	258	291	327	360	395
-60°	78	97	121	150	180	208	239	270	302	335	365
-62.5°	71	87	107	131	158	188	216	245	276	303	331
-65°	64	77	94	113	136	162	189	217	245	269	293
-67.5°	56	68	81	96	116	137	160	185	211	234	257
-70°	48	59	70	83	97	115	135	156	176	197	219
-72.5°	40	50	60	70	82	97	113	130	147	166	185
-75°	33	40	49	58	68	80	94	108	122	136	152
-77.5°	26	32	39	46	54	64	74	85	97	108	120
-80°	20	24	30	36	42	49	56	63	72	81	91
-82.5°	16	19	22	26	30	35	40	45	52	58	65
-85°	11	13	15	17	20	23	25	29	33	37	42
-87.5°	6	7	8	9	10	11	12	13	15	18	20
-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°	1	1	1	1	1	1	2	3	3	3	3
60°	10	7	10	12	12	9	14	16	14	12	12
57.5°	27	29	33	39	43	45	49	53	56	57	59
55°	49	59	69	74	82	95	106	107	109	111	118
52.5°	79	90	95	105	121	131	136	145	155	164	172
50°	114	124	136	150	166	176	179	195	214	229	239
47.5°	150	163	184	210	223	235	250	271	292	314	332
45°	183	207	233	256	274	294	315	340	374	405	428
42.5°	221	248	274	301	321	354	391	421	468	510	536
40°	266	292	330	363	403	445	509	569	629	699	750
37.5°	319	359	413	466	526	587	703	821	917	1053	1128
35°	383	445	522	600	696	844	1013	1241	1478	1676	1866
32.5°	456	536	642	783	943	1181	1434	1855	2264	2673	3075
30°	529	644	807	1000	1264	1640	2118	2767	3471	4087	4644
27.5°	625	790	1000	1289	1739	2290	3171	4073	4969	5769	6343
25°	742	962	1261	1739	2388	3302	4483	5589	6640	7424	8085
22.5°	911	1241	1665	2274	3451	4722	6136	7527	8708	9696	10347
20°	1120	1566	2275	3379	4763	6353	8172	9635	11090	12202	13195
17.5°	1416	2125	3127	4529	6183	8303	10177	11808	13655	14792	15805
15°	1682	2594	4022	5810	7749	9996	12205	14203	15986	17235	18368
12.5°	2018	3092	4733	6837	8957	11459	13755	15895	17641	18926	19719
10°	2319	3602	5444	7644	10018	12631	15011	17239	18930	19923	20506
7.5°	2562	4026	6020	8335	10841	13471	15986	18196	19814	20646	21043
5°	2751	4341	6470	8901	11504	14195	16761	18925	20288	20975	21198
2.5°	2892	4560	6774	9274	11952	14730	17350	19483	20646	21141	21215
0°	2988	4714	6971	9508	12335	14922	17669	19834	20940	21338	21376
-2.5°	2966	4658	6962	9423	12291	15008	17720	19857	21040	21575	21662
-5°	2905	4527	6732	9182	11942	14662	17249	19505	20958	21765	22123
-7.5°	2789	4301	6337	8721	11375	14099	16736	19077	20749	21885	22584
-10°	2590	3970	5832	8138	10754	13349	15956	18386	20186	21554	22528
-12.5°	2320	3521	5216	7313	9942	12365	14834	17162	19126	20812	21820
-15°	2040	3053	4576	6494	8784	11170	13450	15735	17674	19251	20507
-17.5°	1841	2644	3835	5514	7524	9787	12012	14111	15861	17343	18661
-20°	1590	2185	3129	4540	6310	8289	10420	12288	13850	15241	16499

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REPORT NUMBER: P627246 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	1389	1872	2553	3516	5106	6851	8594	10314	11783	13021	14095
-25°	1207	1546	2078	2861	3895	5402	6871	8323	9680	10830	11798
-27.5°	1064	1333	1688	2246	3030	3910	5197	6411	7577	8629	9541
-30°	934	1136	1413	1762	2296	2949	3723	4631	5561	6391	7220
-32.5°	841	984	1175	1434	1733	2201	2669	3279	3868	4474	5068
-35°	757	872	1002	1175	1380	1653	1962	2335	2649	3046	3411
-37.5°	699	781	880	989	1136	1288	1497	1723	1919	2139	2325
-40°	652	716	783	856	957	1060	1195	1322	1446	1580	1681
-42.5°	612	663	711	768	828	911	1001	1080	1155	1235	1300
-45°	580	618	658	702	747	807	871	930	979	1023	1059
-47.5°	546	581	615	649	688	731	773	811	852	886	911
-50°	513	547	578	608	641	675	709	739	768	794	809
-52.5°	481	516	547	574	602	630	658	685	710	733	743
-55°	456	489	520	544	568	592	616	642	666	687	694
-57.5°	429	462	492	515	537	558	581	604	627	648	654
-60°	398	433	459	480	503	526	547	569	590	607	615
-62.5°	361	392	416	437	457	476	500	522	544	562	573
-65°	317	344	367	388	408	426	448	469	489	505	516
-67.5°	279	300	319	338	357	376	396	415	434	448	457
-70°	240	260	278	296	312	329	346	362	378	390	399
-72.5°	203	220	236	251	267	281	296	310	323	334	342
-75°	168	182	196	209	222	233	245	255	266	275	283
-77.5°	132	144	155	167	178	187	196	204	212	220	227
-80°	101	110	118	127	135	142	149	155	161	167	173
-82.5°	73	78	84	89	95	100	105	109	114	118	122
-85°	46	49	52	55	58	61	64	67	70	73	75
-87.5°	22	23	25	26	28	29	31	32	33	35	36
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627246 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	3	4	4	4	4	4	3	3	3	3	3
60°	12	11	11	12	11	11	12	12	12	14	16
57.5°	58	54	50	46	50	54	58	59	57	56	53
55°	125	132	135	134	135	132	125	118	111	109	107
52.5°	178	181	180	176	180	181	178	172	164	155	145
50°	243	243	241	237	241	243	243	239	229	214	195
47.5°	341	346	349	348	349	346	341	332	314	292	271
45°	438	443	444	444	444	443	438	428	405	374	340
42.5°	550	559	561	559	561	559	550	536	510	468	421
40°	780	789	785	773	785	789	780	750	699	629	569
37.5°	1181	1219	1235	1236	1235	1219	1181	1128	1053	917	821
35°	2037	2174	2236	2158	2236	2174	2037	1866	1676	1478	1241
32.5°	3402	3644	3780	3780	3780	3644	3402	3075	2673	2264	1855
30°	5066	5368	5538	5575	5538	5368	5066	4644	4087	3471	2767
27.5°	6791	7104	7266	7243	7266	7104	6791	6343	5769	4969	4073
25°	8522	8759	8896	8900	8896	8759	8522	8085	7424	6640	5589
22.5°	11080	11578	11783	11838	11783	11578	11080	10347	9696	8708	7527
20°	13867	14350	14662	14681	14662	14350	13867	13195	12202	11090	9635
17.5°	16523	16763	16807	16827	16807	16763	16523	15805	14792	13655	11808
15°	19027	19111	19332	19360	19332	19111	19027	18368	17235	15986	14203
12.5°	20216	20293	20255	20152	20255	20293	20216	19719	18926	17641	15895
10°	20864	20756	20595	20401	20595	20756	20864	20506	19923	18930	17239
7.5°	21011	20891	20606	20324	20606	20891	21011	21043	20646	19814	18196
5°	21081	20727	20368	20026	20368	20727	21081	21198	20975	20288	18925
2.5°	21039	20619	20126	19758	20126	20619	21039	21215	21141	20646	19483
0°	21174	20749	20232	20095	20232	20749	21174	21376	21338	20940	19834
-2.5°	21547	21203	20933	20860	20933	21203	21547	21662	21575	21040	19857
-5°	22220	22144	21686	21793	21686	22144	22220	22123	21765	20958	19505
-7.5°	22869	22762	22568	22819	22568	22762	22869	22584	21885	20749	19077
-10°	23042	23007	23098	23320	23098	23007	23042	22528	21554	20186	18386
-12.5°	22513	22790	23101	23335	23101	22790	22513	21820	20812	19126	17162
-15°	21332	21900	22365	22585	22365	21900	21332	20507	19251	17674	15735
-17.5°	19594	20289	20841	20998	20841	20289	19594	18661	17343	15861	14111
-20°	17453	18161	18662	18863	18662	18161	17453	16499	15241	13850	12288

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REPORT NUMBER: P627246 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°
-22.5°	15044	15735	16190	16429	16190	15735	15044	14095	13021	11783	10314
-25°	12600	13207	13610	13717	13610	13207	12600	11798	10830	9680	8323
-27.5°	10262	10750	11048	11080	11048	10750	10262	9541	8629	7577	6411
-30°	7910	8364	8621	8758	8621	8364	7910	7220	6391	5561	4631
-32.5°	5555	5915	6133	6191	6133	5915	5555	5068	4474	3868	3279
-35°	3704	3928	4066	4094	4066	3928	3704	3411	3046	2649	2335
-37.5°	2476	2586	2653	2686	2653	2586	2476	2325	2139	1919	1723
-40°	1755	1806	1834	1840	1834	1806	1755	1681	1580	1446	1322
-42.5°	1342	1368	1381	1385	1381	1368	1342	1300	1235	1155	1080
-45°	1084	1103	1114	1117	1114	1103	1084	1059	1023	979	930
-47.5°	928	939	947	949	947	939	928	911	886	852	811
-50°	818	825	828	826	828	825	818	809	794	768	739
-52.5°	750	754	755	754	755	754	750	743	733	710	685
-55°	699	702	702	700	702	702	699	694	687	666	642
-57.5°	659	663	662	658	662	663	659	654	648	627	604
-60°	620	625	625	624	625	625	620	615	607	590	569
-62.5°	582	590	591	589	591	590	582	573	562	544	522
-65°	526	536	535	532	535	536	526	516	505	489	469
-67.5°	465	472	472	471	472	472	465	457	448	434	415
-70°	407	415	415	413	415	415	407	399	390	378	362
-72.5°	350	358	359	360	359	358	350	342	334	323	310
-75°	290	297	296	295	296	297	290	283	275	266	255
-77.5°	233	240	239	237	239	240	233	227	220	212	204
-80°	178	183	182	180	182	183	178	173	167	161	155
-82.5°	126	129	128	126	128	129	126	122	118	114	109
-85°	78	80	80	80	80	80	78	75	73	70	67
-87.5°	37	38	36	34	36	38	37	36	35	33	32
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627246 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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	1
62.5°	2	1	1	1	1	1	1	1	1	0	1
60°	14	9	12	12	10	7	10	9	4	3	3
57.5°	49	45	43	39	33	29	27	25	23	14	5
55°	106	95	82	74	69	59	49	43	39	32	21
52.5°	136	131	121	105	95	90	79	67	57	49	39
50°	179	176	166	150	136	124	114	98	84	72	58
47.5°	250	235	223	210	184	163	150	137	116	99	83
45°	315	294	274	256	233	207	183	165	146	126	110
42.5°	391	354	321	301	274	248	221	198	173	151	134
40°	509	445	403	363	330	292	266	238	208	177	158
37.5°	703	587	526	466	413	359	319	284	248	213	185
35°	1013	844	696	600	522	445	383	336	294	254	216
32.5°	1434	1181	943	783	642	536	456	396	337	293	253
30°	2118	1640	1264	1000	807	644	529	450	382	327	288
27.5°	3171	2290	1739	1289	1000	790	625	506	424	362	317
25°	4483	3302	2388	1739	1261	962	742	585	474	396	349
22.5°	6136	4722	3451	2274	1665	1241	911	666	530	451	390
20°	8172	6353	4763	3379	2275	1566	1120	806	627	518	435
17.5°	10177	8303	6183	4529	3127	2125	1416	984	721	585	482
15°	12205	9996	7749	5810	4022	2594	1682	1156	829	660	535
12.5°	13755	11459	8957	6837	4733	3092	2018	1377	965	722	574
10°	15011	12631	10018	7644	5444	3602	2319	1541	1063	772	607
7.5°	15986	13471	10841	8335	6020	4026	2562	1669	1140	817	634
5°	16761	14195	11504	8901	6470	4341	2751	1768	1196	854	655
2.5°	17350	14730	11952	9274	6774	4560	2892	1852	1242	890	674
0°	17669	14922	12335	9508	6971	4714	2988	1917	1274	918	689
-2.5°	17720	15008	12291	9423	6962	4658	2966	1904	1279	927	699
-5°	17249	14662	11942	9182	6732	4527	2905	1864	1269	926	703
-7.5°	16736	14099	11375	8721	6337	4301	2789	1801	1247	917	701
-10°	15956	13349	10754	8138	5832	3970	2590	1705	1206	895	692
-12.5°	14834	12365	9942	7313	5216	3521	2320	1582	1145	860	677
-15°	13450	11170	8784	6494	4576	3053	2040	1429	1062	815	655
-17.5°	12012	9787	7524	5514	3835	2644	1841	1320	990	773	629
-20°	10420	8289	6310	4540	3129	2185	1590	1187	921	737	609

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REPORT NUMBER: P627246 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	8594	6851	5106	3516	2553	1872	1389	1058	843	692	585
-25°	6871	5402	3895	2861	2078	1546	1207	964	786	652	558
-27.5°	5197	3910	3030	2246	1688	1333	1064	865	722	620	537
-30°	3723	2949	2296	1762	1413	1136	934	790	675	586	514
-32.5°	2669	2201	1733	1434	1175	984	841	721	631	557	495
-35°	1962	1653	1380	1175	1002	872	757	670	593	527	477
-37.5°	1497	1288	1136	989	880	781	699	626	557	505	458
-40°	1195	1060	957	856	783	716	652	587	534	482	438
-42.5°	1001	911	828	768	711	663	612	561	510	463	419
-45°	871	807	747	702	658	618	580	534	487	442	400
-47.5°	773	731	688	649	615	581	546	506	461	419	382
-50°	709	675	641	608	578	547	513	474	435	399	362
-52.5°	658	630	602	574	547	516	481	447	412	377	340
-55°	616	592	568	544	520	489	456	422	386	352	315
-57.5°	581	558	537	515	492	462	429	395	360	327	291
-60°	547	526	503	480	459	433	398	365	335	302	270
-62.5°	500	476	457	437	416	392	361	331	303	276	245
-65°	448	426	408	388	367	344	317	293	269	245	217
-67.5°	396	376	357	338	319	300	279	257	234	211	185
-70°	346	329	312	296	278	260	240	219	197	176	156
-72.5°	296	281	267	251	236	220	203	185	166	147	130
-75°	245	233	222	209	196	182	168	152	136	122	108
-77.5°	196	187	178	167	155	144	132	120	108	97	85
-80°	149	142	135	127	118	110	101	91	81	72	63
-82.5°	105	100	95	89	84	78	73	65	58	52	45
-85°	64	61	58	55	52	49	46	42	37	33	29
-87.5°	31	29	28	26	25	23	22	20	18	15	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627246 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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	0	0	0	0	0	0	0	0
67.5°	0	0	0	1	1	1	0	0	1	0	0
65°	1	1	0	1	2	2	2	1	1	1	0
62.5°	2	3	2	2	2	3	4	2	2	2	1
60°	2	3	4	3	3	3	4	3	3	3	2
57.5°	5	4	4	4	3	4	4	4	3	3	3
55°	10	7	6	5	4	4	4	4	4	4	4
52.5°	26	14	9	7	6	4	4	4	4	4	4
50°	45	30	17	11	8	6	5	4	4	4	4
47.5°	66	48	31	17	12	8	6	5	4	4	4
45°	90	68	47	30	16	12	8	6	5	4	5
42.5°	117	92	67	42	28	19	10	8	6	4	5
40°	141	119	88	62	40	26	16	9	7	5	5
37.5°	164	143	114	81	53	37	24	11	9	6	5
35°	189	165	138	102	71	47	32	14	11	8	6
32.5°	213	187	158	124	88	56	41	23	14	9	6
30°	244	206	176	144	106	71	49	31	17	11	6
27.5°	274	225	193	161	123	86	58	38	20	13	8
25°	304	250	210	176	140	101	68	44	26	15	9
22.5°	334	276	225	191	156	116	80	52	31	18	10
20°	366	301	241	207	170	130	93	61	37	22	11
17.5°	400	328	266	224	184	143	104	69	41	25	12
15°	435	356	290	241	198	154	115	77	45	28	14
12.5°	465	380	312	258	211	164	125	85	49	32	17
10°	492	402	331	274	223	173	133	93	55	34	20
7.5°	515	421	347	289	235	183	141	99	62	37	23
5°	533	437	359	301	245	194	147	104	68	39	25
2.5°	548	450	368	310	253	205	152	108	74	41	28
0°	559	459	375	318	260	214	157	111	80	42	31
-2.5°	564	466	386	323	269	219	162	117	84	48	32
-5°	565	470	394	328	277	223	167	122	87	53	33
-7.5°	566	472	399	332	282	225	170	126	90	57	33
-10°	563	471	400	336	284	227	173	130	92	61	34
-12.5°	555	469	400	338	285	229	177	132	94	63	34
-15°	543	464	398	338	284	231	179	133	95	64	35
-17.5°	527	456	394	335	283	231	180	133	95	64	36
-20°	516	448	390	329	281	230	180	132	95	63	37

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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°	504	440	382	324	279	229	178	128	93	62	38
-25°	487	431	374	322	275	226	175	123	91	61	39
-27.5°	473	420	365	317	270	221	169	121	89	59	39
-30°	459	408	357	310	262	215	160	117	86	59	38
-32.5°	445	396	347	300	254	208	152	112	84	58	37
-35°	430	383	336	289	246	198	146	107	81	56	36
-37.5°	413	368	322	278	237	189	143	105	78	54	35
-40°	396	353	308	268	227	179	138	103	75	50	34
-42.5°	378	337	296	258	216	172	132	100	71	48	32
-45°	361	321	283	245	206	164	127	95	67	46	31
-47.5°	344	305	267	229	195	155	119	89	62	44	30
-50°	324	286	248	214	181	144	111	82	59	42	29
-52.5°	301	262	230	199	166	132	102	75	56	40	27
-55°	276	242	214	183	151	120	92	71	52	38	26
-57.5°	258	226	197	167	137	108	85	66	49	35	24
-60°	239	208	180	150	121	97	78	60	46	33	23
-62.5°	216	188	158	131	107	87	71	55	42	31	22
-65°	189	162	136	113	94	77	64	50	38	28	20
-67.5°	160	137	116	96	81	68	56	44	34	25	18
-70°	135	115	97	83	70	59	48	38	29	22	16
-72.5°	113	97	82	70	60	50	40	32	25	19	13
-75°	94	80	68	58	49	40	33	26	20	15	12
-77.5°	74	64	54	46	39	32	26	20	16	13	11
-80°	56	49	42	36	30	24	20	16	14	12	9
-82.5°	40	35	30	26	22	19	16	13	11	10	8
-85°	25	23	20	17	15	13	11	10	8	7	5
-87.5°	12	11	10	9	8	7	6	5	4	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627246 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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	0	0	0	0	0	0
72.5°	0	1	0	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	1	1	2	1	0	0	0
62.5°	1	1	2	1	0	0	0
60°	1	2	2	2	0	0	0
57.5°	1	2	2	2	0	0	0
55°	2	2	3	2	1	0	0
52.5°	3	2	3	3	1	0	0
50°	3	2	3	3	1	0	0
47.5°	4	3	3	4	1	0	0
45°	4	3	3	4	2	0	0
42.5°	5	3	3	4	2	0	0
40°	5	4	3	4	2	0	0
37.5°	5	4	3	4	2	0	0
35°	6	4	4	4	2	0	0
32.5°	6	4	4	4	3	0	0
30°	7	5	4	4	3	0	0
27.5°	7	5	4	4	3	0	0
25°	7	6	4	4	3	0	0
22.5°	7	6	4	4	3	0	0
20°	8	7	4	4	3	0	0
17.5°	8	7	4	4	3	0	0
15°	8	7	4	4	4	0	0
12.5°	9	7	4	4	4	0	0
10°	9	7	4	4	4	0	0
7.5°	10	8	4	4	4	0	0
5°	10	8	4	4	4	0	0
2.5°	11	8	4	4	4	0	0
0°	11	8	4	4	4	0	0
-2.5°	14	8	4	4	4	0	0
-5°	15	8	4	4	4	0	0
-7.5°	17	9	5	4	4	0	0
-10°	19	9	5	4	4	0	0
-12.5°	20	9	5	4	4	0	0
-15°	21	10	6	4	4	0	0
-17.5°	22	10	6	4	4	1	0
-20°	22	10	6	4	3	1	0

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REPORT NUMBER: P627246 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22	10	6	4	3	1	0
-25°	22	11	6	4	3	1	0
-27.5°	22	11	6	4	3	1	0
-30°	21	12	6	4	3	1	0
-32.5°	21	12	6	4	3	1	0
-35°	21	12	6	4	3	1	0
-37.5°	21	13	6	4	3	1	0
-40°	21	13	6	4	3	1	0
-42.5°	21	13	6	4	3	1	0
-45°	20	13	7	4	3	1	0
-47.5°	20	12	7	4	3	1	0
-50°	19	12	7	4	3	1	0
-52.5°	19	12	7	4	3	1	0
-55°	18	11	7	5	3	1	0
-57.5°	17	11	7	5	3	1	0
-60°	16	10	7	5	3	1	0
-62.5°	15	10	7	5	3	1	0
-65°	14	9	6	5	3	1	0
-67.5°	13	9	6	5	3	1	0
-70°	11	8	6	5	2	1	0
-72.5°	10	8	6	4	2	1	0
-75°	9	7	6	4	2	0	0
-77.5°	9	7	5	3	2	0	0
-80°	8	6	4	2	1	0	0
-82.5°	6	4	3	2	1	0	0
-85°	4	3	2	1	1	0	0
-87.5°	2	1	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)