

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: P627904 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627904 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6D-722-U-MR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

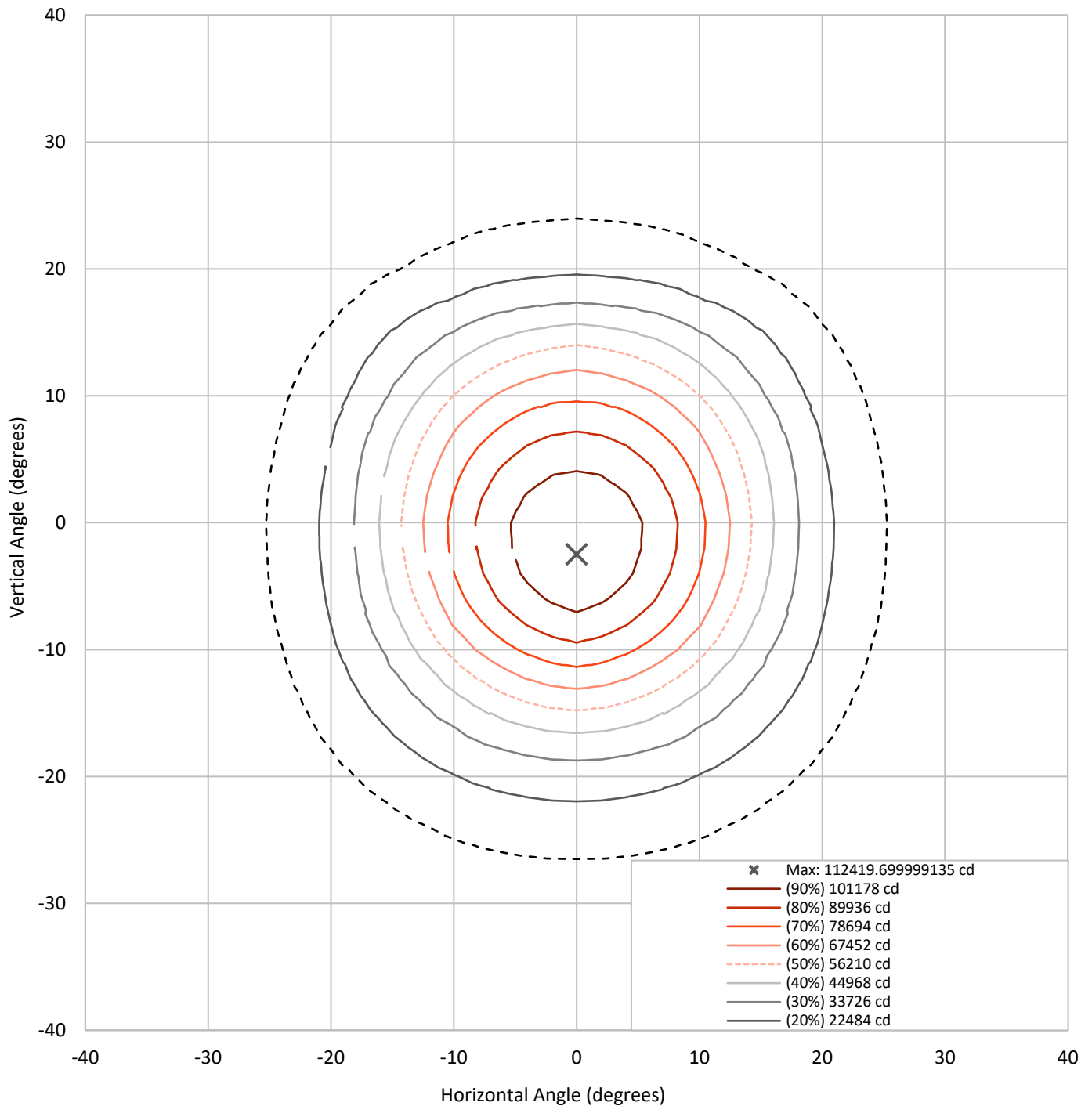
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	31884.7 lumens	Max Intensity:	112419.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	97.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	15942.7 lumens	Field Lumens:	27394.9 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	325.9		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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CATALOG NUMBER: GFLD-SA6D-722-U-MR-VSR-XX

Iso-Candela Plot





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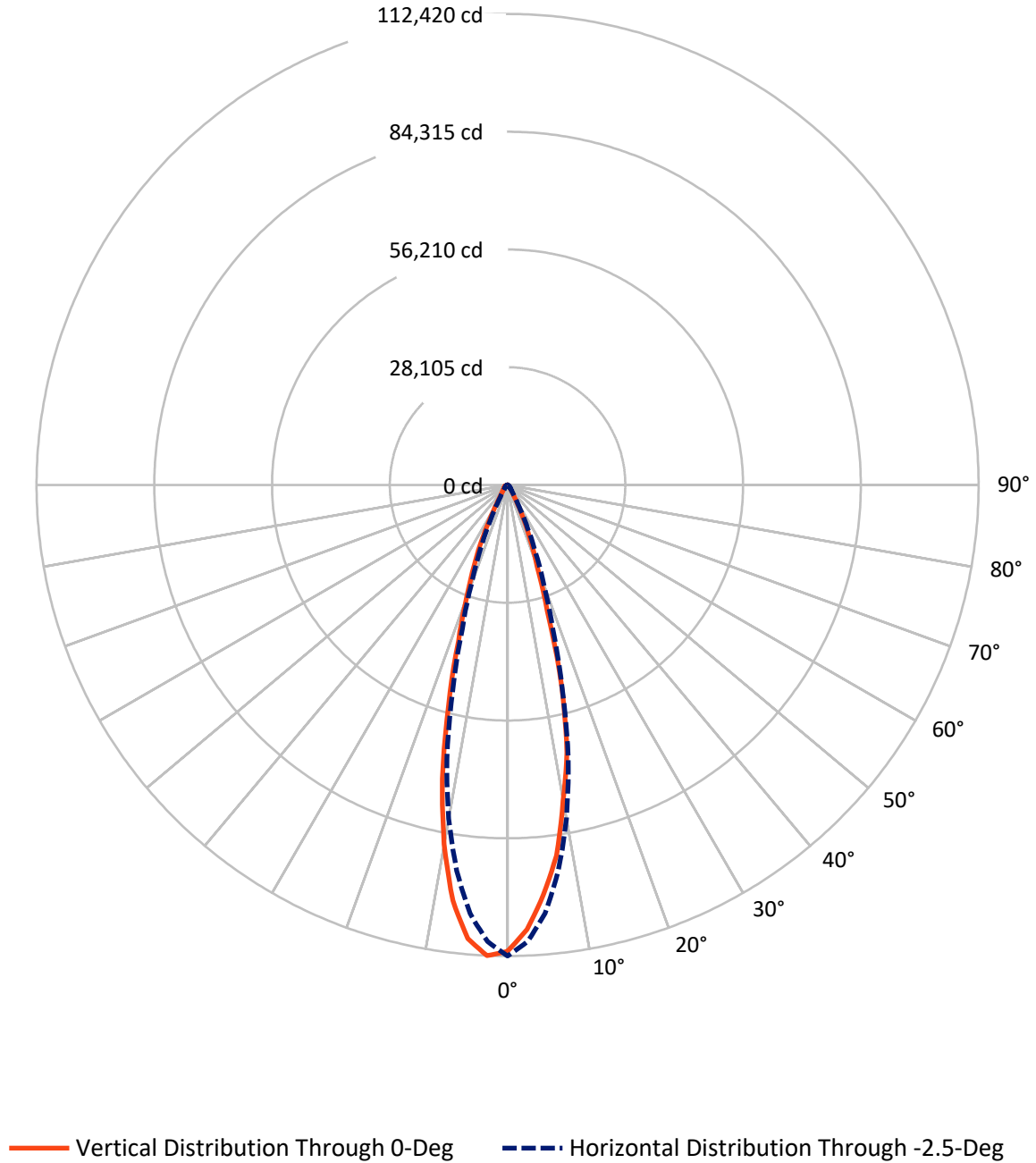
CATALOG NUMBER: GFLD-SA6D-722-U-MR-VSR-XX

Lumen Table

90																
80	0.0	0.0		0.0	0.0		0.0		0.0		0.0		0.0		0.0	
70	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
60		0.0	0.2	0.9	2.2	3.7	5.0	6.0	6.0	5.0	3.7	2.2	0.9	0.2	0.0	
50	0.1	0.1	1.1	3.5	6.7	10.3	14.5	17.0	17.0	14.5	10.3	6.7	3.5	1.1	0.1	0.1
40		0.5	2.7	6.8	12.5	20.6	34.4	45.9	45.9	34.4	20.6	12.5	6.8	2.7	0.5	
30	0.2	1.0	4.3	10.4	19.8	48.2	151.3	277.5	277.5	151.3	48.2	19.8	10.4	4.3	1.0	0.2
20		1.6	5.9	14.2	33.9	166.1	675.2	1322.1	1322.1	675.2	166.1	33.9	14.2	5.9	1.6	
10	0.5	2.0	7.2	16.9	48.7	316.5	1363.4	2672.4	2672.4	1363.4	316.5	48.7	16.9	7.2	2.0	0.5
0		2.3	7.8	17.8	52.0	331.6	1399.0	2833.7	2833.7	1399.0	331.6	52.0	17.8	7.8	2.3	
-10	0.6	2.4	8.0	17.4	42.8	203.6	773.6	1499.6	1499.6	773.6	203.6	42.8	17.4	8.0	2.4	0.6
-20		2.4	7.6	15.9	31.3	79.1	239.6	427.5	427.5	239.6	79.1	31.3	15.9	7.6	2.4	
-30	0.6	2.1	6.8	13.8	23.8	39.0	63.7	85.2	85.2	63.7	39.0	23.8	13.8	6.8	2.1	0.6
-40		1.8	5.6	11.4	18.8	26.9	35.4	39.7	39.7	35.4	26.9	18.8	11.4	5.6	1.8	
-50	0.4	1.3	4.2	8.9	14.7	20.4	25.5	27.8	27.8	25.5	20.4	14.7	8.9	4.2	1.3	0.4
-60		0.8	2.6	5.8	9.8	13.9	17.4	19.3	19.3	17.4	13.9	9.8	5.8	2.6	0.8	
-70	0.1	2.1		9.4		20.3		25.7		20.3		9.4		2.1		0.1
-80		2.1		9.4		20.3		25.7		20.3		9.4		2.1		
-90																

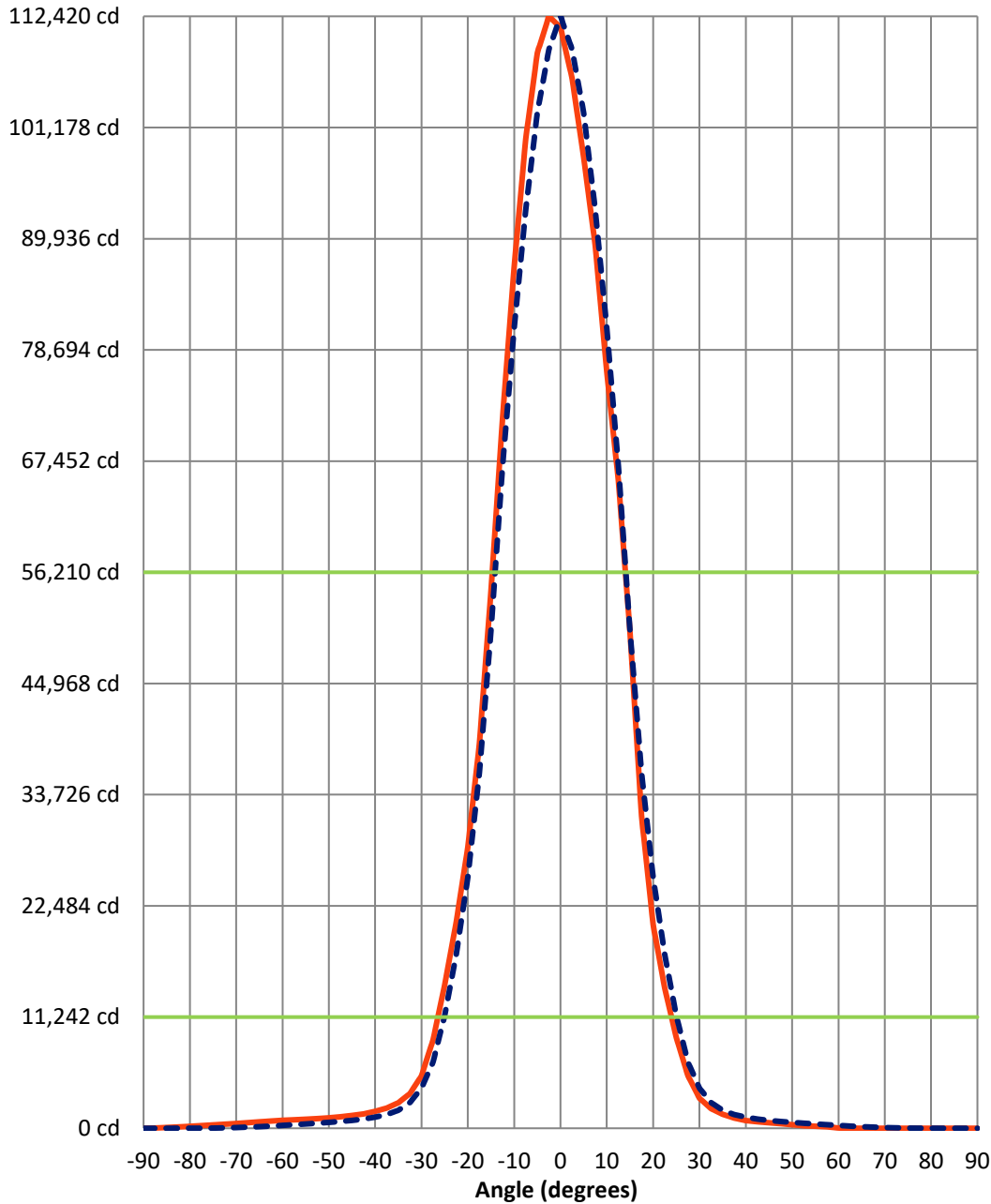
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 28.2°
V Angle: 28.7°
Lumens: 15942.7
Efficiency: 50.0%

Field:
H Angle: 50.2°
V Angle: 50.4°
Lumens: 27394.9
Efficiency: 85.9%

Spill:
Lumens: 4489.8
Efficiency: 14.1%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through -2.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	0	0	0	0	2	2
57.5°	0	0	0	0	0	0	0	0	1	3	3
55°	0	0	0	0	0	0	1	0	3	4	3
52.5°	0	0	0	0	0	0	1	2	5	5	3
50°	0	0	0	0	0	1	2	4	7	5	5
47.5°	0	0	0	0	0	1	3	5	7	6	6
45°	0	0	0	0	0	2	4	7	7	6	7
42.5°	0	0	0	0	0	3	5	7	7	7	11
40°	0	0	0	0	0	4	6	7	7	7	17
37.5°	0	0	0	0	1	5	6	7	9	10	23
35°	0	0	0	0	2	6	7	7	11	17	31
32.5°	0	0	0	0	3	6	7	7	13	24	38
30°	0	0	0	0	3	6	7	8	16	30	47
27.5°	0	0	0	0	4	7	7	10	20	36	56
25°	0	0	0	0	4	7	7	12	25	43	66
22.5°	0	0	0	0	5	7	7	15	30	51	79
20°	0	0	0	0	5	7	7	18	34	58	91
17.5°	0	0	0	0	6	7	8	21	39	66	102
15°	0	0	0	0	6	7	8	24	43	74	112
12.5°	0	0	0	0	6	7	9	28	47	82	121
10°	0	0	0	0	7	7	10	31	51	89	129
7.5°	0	0	0	0	7	7	11	34	54	96	137
5°	0	0	0	0	7	7	12	37	58	103	144
2.5°	0	0	0	0	7	7	13	40	61	108	150
0°	0	0	0	0	7	7	14	42	64	113	156
-2.5°	0	0	0	0	7	8	17	43	70	117	160
-5°	0	0	0	1	7	9	20	44	76	120	164
-7.5°	0	0	0	1	7	9	22	44	80	123	167
-10°	0	0	0	2	7	10	24	45	84	125	169
-12.5°	0	0	0	2	7	11	26	45	86	127	172
-15°	0	0	0	2	7	11	27	45	87	129	176
-17.5°	0	0	0	3	7	11	28	47	86	130	177
-20°	0	0	0	3	7	11	29	49	85	129	177

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REPORT NUMBER: P627904 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-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	3	7	11	29	51	83	128	174
-25°	0	0	0	3	7	12	29	52	81	125	170
-27.5°	0	0	0	3	7	13	29	53	78	121	166
-30°	0	0	0	3	7	14	29	53	77	117	161
-32.5°	0	0	0	3	8	14	29	52	77	113	155
-35°	0	0	0	3	8	14	29	51	76	109	147
-37.5°	0	0	0	2	9	15	29	50	75	104	143
-40°	0	0	0	2	9	15	29	49	72	101	139
-42.5°	0	0	0	2	9	15	28	47	70	98	134
-45°	0	0	0	1	9	16	27	45	67	93	128
-47.5°	0	0	0	1	8	15	25	43	64	88	121
-50°	0	0	0	1	8	15	24	40	60	83	113
-52.5°	0	0	0	1	7	14	23	37	56	78	103
-55°	0	0	0	1	7	14	22	34	52	72	96
-57.5°	0	0	0	2	6	13	20	31	47	66	87
-60°	0	0	0	2	5	12	18	28	41	59	78
-62.5°	0	0	0	2	5	11	17	25	38	52	70
-65°	0	0	0	2	5	10	16	23	33	46	61
-67.5°	0	0	0	2	5	9	15	21	29	41	53
-70°	0	0	0	1	4	8	13	19	26	35	46
-72.5°	0	0	0	1	4	7	12	16	22	29	39
-75°	0	0	0	1	3	6	10	14	18	24	31
-77.5°	0	0	0	1	3	6	9	11	14	18	23
-80°	0	0	0	1	2	4	7	9	11	13	17
-82.5°	0	0	0	1	2	3	5	6	7	9	11
-85°	0	0	0	0	1	2	4	4	5	5	6
-87.5°	0	0	0	0	1	1	2	2	2	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627904 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-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	2
60°	1	0	1	2	2	3	4	6	7	7	14
57.5°	1	1	3	4	5	8	11	13	22	32	39
55°	2	5	6	6	10	17	23	35	47	62	74
52.5°	5	7	7	11	21	31	45	62	81	95	107
50°	7	8	9	23	35	51	73	96	113	126	146
47.5°	9	11	22	36	54	79	107	127	143	168	197
45°	13	20	35	54	78	111	136	155	183	213	243
42.5°	19	32	50	71	109	141	165	192	221	255	288
40°	28	42	68	100	138	169	200	230	260	300	334
37.5°	37	58	87	127	166	200	235	269	307	348	389
35°	45	75	110	151	192	233	271	311	357	403	449
32.5°	57	92	131	175	219	264	307	358	407	456	512
30°	72	109	151	198	244	293	347	403	452	508	568
27.5°	88	126	171	220	268	320	386	442	495	555	621
25°	103	143	190	240	292	353	422	480	536	602	681
22.5°	118	160	212	258	315	385	457	522	585	651	742
20°	132	178	232	282	339	416	491	564	637	721	823
17.5°	145	195	252	308	370	447	526	607	689	791	918
15°	158	211	271	332	399	478	561	650	746	864	1009
12.5°	169	226	290	354	425	506	591	684	795	937	1117
10°	180	239	308	374	447	530	618	714	834	987	1198
7.5°	190	251	324	392	466	552	641	740	866	1028	1262
5°	199	263	336	406	481	569	659	762	892	1061	1314
2.5°	206	274	346	416	493	580	671	776	909	1093	1354
0°	212	283	354	425	503	587	679	786	920	1118	1380
-2.5°	219	292	362	434	512	595	687	794	932	1126	1387
-5°	224	300	368	440	519	599	692	798	938	1127	1390
-7.5°	228	305	373	445	524	604	695	801	942	1125	1389
-10°	231	308	376	449	529	608	695	800	937	1113	1366
-12.5°	235	309	378	451	530	609	693	793	923	1092	1322
-15°	238	309	379	450	529	608	687	781	903	1064	1264
-17.5°	239	308	377	446	525	605	679	769	883	1034	1225
-20°	238	307	373	440	518	598	672	759	865	999	1170

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CATALOG NUMBER: GFLD-SA6D-722-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°	237	304	368	433	509	586	662	744	842	955	1109
-25°	233	301	363	427	498	572	649	724	818	925	1056
-27.5°	227	295	357	420	486	557	631	706	791	889	1002
-30°	219	286	348	410	475	542	610	685	761	853	956
-32.5°	208	276	337	398	463	527	588	660	735	813	906
-35°	199	264	325	383	448	509	568	631	704	778	856
-37.5°	193	251	311	367	429	490	545	604	669	741	813
-40°	185	237	297	352	406	468	523	576	634	704	772
-42.5°	177	228	281	336	388	443	500	550	605	669	734
-45°	170	217	266	318	371	420	473	526	580	636	697
-47.5°	161	205	253	299	351	400	446	498	553	606	660
-50°	150	193	236	280	328	378	426	470	519	573	625
-52.5°	138	179	219	259	303	351	399	445	488	534	584
-55°	124	162	200	238	277	321	368	414	459	500	544
-57.5°	112	144	180	217	253	290	335	379	422	465	508
-60°	101	127	159	194	230	265	302	343	384	424	464
-62.5°	89	113	139	169	203	237	272	307	345	379	413
-65°	79	97	120	146	174	205	237	271	305	333	360
-67.5°	67	84	102	123	148	173	199	229	259	286	310
-70°	58	70	85	102	122	143	166	190	213	236	260
-72.5°	49	59	70	81	98	117	136	154	174	194	214
-75°	39	48	57	67	79	93	109	126	142	158	174
-77.5°	30	38	45	53	61	73	85	98	111	124	138
-80°	22	28	34	41	47	54	62	71	80	90	101
-82.5°	15	19	24	29	33	37	41	46	53	61	68
-85°	8	11	14	17	19	21	23	26	30	35	39
-87.5°	4	5	7	8	9	9	10	10	12	14	15
-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	1	2	2	1	0	0
62.5°	2	3	5	7	8	9	9	10	10	10	9
60°	18	18	27	32	31	24	35	40	38	33	32
57.5°	50	62	71	74	84	99	103	101	103	107	120
55°	87	96	104	118	132	146	156	164	172	181	192
52.5°	118	135	146	161	180	191	197	216	234	247	255
50°	168	185	204	224	242	259	273	293	316	341	355
47.5°	221	243	267	295	316	332	350	378	409	438	456
45°	270	295	325	353	376	399	426	459	492	521	543
42.5°	314	343	374	406	426	462	500	534	574	611	639
40°	365	393	439	471	499	537	593	643	690	735	764
37.5°	426	473	523	562	600	646	724	801	861	921	964
35°	499	555	617	660	717	804	900	1005	1111	1195	1271
32.5°	568	630	693	763	848	972	1093	1262	1418	1578	1728
30°	630	700	777	866	1005	1176	1374	1632	1912	2191	2510
27.5°	696	773	864	1006	1216	1450	1815	2221	2801	3267	4018
25°	767	854	978	1204	1495	1906	2543	3268	4467	5491	6645
22.5°	854	987	1163	1446	1932	2671	3663	5242	7083	8793	10423
20°	960	1141	1442	1893	2589	3727	5607	8003	10562	13064	15483
17.5°	1101	1388	1819	2460	3447	5839	8636	12059	16442	19734	22856
15°	1229	1592	2244	3281	5139	8218	12126	17369	23270	28231	33843
12.5°	1381	1820	2605	3951	6607	10676	15658	21911	28894	36425	45215
10°	1514	2053	3063	4916	8137	12873	18456	25796	34765	45421	56531
7.5°	1616	2248	3446	5639	9427	14675	21336	30262	41622	54076	66746
5°	1695	2399	3746	6206	10523	16139	23437	33796	46744	61039	73638
2.5°	1757	2505	3945	6555	11264	17138	24874	35674	49878	65585	78814
0°	1805	2569	4056	6802	11609	17611	25539	36433	51347	67811	81416
-2.5°	1822	2603	4061	6716	11399	17582	25384	35967	50334	66927	80864
-5°	1828	2586	3959	6538	11028	16952	24367	34201	47239	62804	76927
-7.5°	1814	2517	3751	6100	10194	15838	22948	31579	42267	55990	70587
-10°	1765	2396	3470	5506	9046	14101	20738	28031	36569	47772	59601
-12.5°	1677	2216	3082	4616	7694	12134	18012	24459	31113	38475	48205
-15°	1571	2031	2765	4076	6442	10069	14829	20273	25796	31434	37369
-17.5°	1491	1870	2440	3355	4946	7879	11685	16060	20541	25018	29015
-20°	1389	1678	2124	2835	3991	5726	8589	11993	15341	18992	22055

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REPORT NUMBER: P627904 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-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°	1298	1544	1877	2326	3103	4324	5956	8353	10897	13548	16063
-25°	1212	1398	1662	2022	2487	3213	4291	5544	7329	8960	10828
-27.5°	1139	1295	1475	1741	2093	2491	3152	3884	4820	5597	6844
-30°	1070	1194	1342	1514	1771	2074	2430	2873	3331	3790	4388
-32.5°	1004	1109	1225	1363	1523	1750	1971	2255	2506	2782	3066
-35°	940	1033	1129	1238	1361	1511	1676	1865	2031	2198	2347
-37.5°	885	963	1046	1133	1231	1335	1465	1598	1710	1819	1911
-40°	838	903	973	1045	1123	1207	1309	1406	1482	1552	1611
-42.5°	796	853	907	969	1034	1111	1190	1265	1317	1365	1404
-45°	756	805	855	905	959	1026	1093	1152	1192	1229	1257
-47.5°	712	757	802	848	900	953	1007	1051	1087	1118	1139
-50°	670	714	755	793	839	887	934	971	1002	1030	1044
-52.5°	629	671	712	751	789	826	863	898	930	959	969
-55°	589	630	667	704	740	776	809	839	868	895	904
-57.5°	549	592	631	660	691	723	755	785	813	837	846
-60°	505	547	581	610	640	670	697	725	752	776	787
-62.5°	451	490	521	549	576	602	628	652	677	697	708
-65°	388	421	452	479	504	528	551	573	594	609	619
-67.5°	334	358	384	409	434	457	478	497	516	529	537
-70°	282	303	326	349	371	391	410	427	444	456	464
-72.5°	233	253	273	294	314	331	347	362	377	387	395
-75°	190	206	224	241	258	272	285	297	309	318	326
-77.5°	151	163	176	189	202	213	224	234	243	250	257
-80°	112	122	132	141	150	158	166	174	182	188	194
-82.5°	76	83	91	98	106	111	115	119	122	127	132
-85°	44	48	53	58	63	66	69	72	74	77	80
-87.5°	17	19	21	24	26	26	27	27	27	29	31
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627904 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-722-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°	9	7	7	7	7	7	9	9	10	10	10
60°	31	28	28	28	28	28	31	32	33	38	40
57.5°	132	141	147	149	147	141	132	120	107	103	101
55°	201	208	209	205	209	208	201	192	181	172	164
52.5°	259	260	258	255	258	260	259	255	247	234	216
50°	360	359	359	361	359	359	360	355	341	316	293
47.5°	463	468	470	467	470	468	463	456	438	409	378
45°	553	560	562	559	562	560	553	543	521	492	459
42.5°	650	654	656	658	656	654	650	639	611	574	534
40°	777	782	781	779	781	782	777	764	735	690	643
37.5°	993	1008	1015	1034	1015	1008	993	964	921	861	801
35°	1330	1366	1386	1416	1386	1366	1330	1271	1195	1111	1005
32.5°	1837	1911	1950	1989	1950	1911	1837	1728	1578	1418	1262
30°	2730	2876	2935	3044	2935	2876	2730	2510	2191	1912	1632
27.5°	4570	4916	5052	5337	5052	4916	4570	4018	3267	2801	2221
25°	7697	8444	8855	9181	8855	8444	7697	6645	5491	4467	3268
22.5°	12068	13162	13746	14178	13746	13162	12068	10423	8793	7083	5242
20°	17676	19119	19980	20605	19980	19119	17676	15483	13064	10562	8003
17.5°	26863	29132	30458	31598	30458	29132	26863	22856	19734	16442	12059
15°	40104	44663	48206	50179	48206	44663	40104	33843	28231	23270	17369
12.5°	52986	59663	63629	65454	63629	59663	52986	45215	36425	28894	21911
10°	65725	72020	75795	76461	75795	72020	65725	56531	45421	34765	25796
7.5°	75477	82401	87416	89238	87416	82401	75477	66746	54076	41622	30262
5°	84091	92198	97505	98178	97505	92198	84091	73638	61039	46744	33796
2.5°	90427	99240	104386	106155	104386	99240	90427	78814	65585	49878	35674
0°	93492	102984	108711	111287	108711	102984	93492	81416	67811	51347	36433
-2.5°	92847	102665	109057	112420	109057	102665	92847	80864	66927	50334	35967
-5°	89317	99163	105123	108696	105123	99163	89317	76927	62804	47239	34201
-7.5°	81176	90384	96728	100025	96728	90384	81176	70587	55990	42267	31579
-10°	70686	78479	84261	87072	84261	78479	70686	59601	47772	36569	28031
-12.5°	57054	64613	69830	71818	69830	64613	57054	48205	38475	31113	24459
-15°	43714	49483	53189	54362	53189	49483	43714	37369	31434	25796	20273
-17.5°	33151	36257	38341	38903	38341	36257	33151	29015	25018	20541	16060
-20°	24836	26761	28114	28434	28114	26761	24836	22055	18992	15341	11993

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REPORT NUMBER: P627904 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-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°	18096	19543	20636	20853	20636	19543	18096	16063	13548	10897	8353
-25°	12483	13693	14434	14490	14434	13693	12483	10828	8960	7329	5544
-27.5°	7826	8490	8833	8954	8833	8490	7826	6844	5597	4820	3884
-30°	4836	5142	5303	5309	5303	5142	4836	4388	3790	3331	2873
-32.5°	3283	3431	3511	3511	3511	3431	3283	3066	2782	2506	2255
-35°	2459	2536	2579	2584	2579	2536	2459	2347	2198	2031	1865
-37.5°	1977	2020	2042	2046	2042	2020	1977	1911	1819	1710	1598
-40°	1654	1683	1701	1713	1701	1683	1654	1611	1552	1482	1406
-42.5°	1430	1449	1458	1451	1458	1449	1430	1404	1365	1317	1265
-45°	1274	1285	1292	1295	1292	1285	1274	1257	1229	1192	1152
-47.5°	1150	1155	1159	1161	1159	1155	1150	1139	1118	1087	1051
-50°	1052	1057	1058	1055	1058	1057	1052	1044	1030	1002	971
-52.5°	973	974	976	977	976	974	973	969	959	930	898
-55°	908	911	912	913	912	911	908	904	895	868	839
-57.5°	854	860	860	857	860	860	854	846	837	813	785
-60°	796	802	806	807	806	802	796	787	776	752	725
-62.5°	717	724	728	729	728	724	717	708	697	677	652
-65°	627	633	643	651	643	633	627	619	609	594	573
-67.5°	544	549	558	566	558	549	544	537	529	516	497
-70°	472	479	481	481	481	479	472	464	456	444	427
-72.5°	402	408	410	411	410	408	402	395	387	377	362
-75°	332	338	339	340	339	338	332	326	318	309	297
-77.5°	262	268	269	269	269	268	262	257	250	243	234
-80°	199	204	202	198	202	204	199	194	188	182	174
-82.5°	137	141	138	135	138	141	137	132	127	122	119
-85°	82	85	81	78	81	85	82	80	77	74	72
-87.5°	33	35	32	28	32	35	33	31	29	27	27
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627904 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-722-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°	9	9	8	7	5	3	2	2	2	1	2
60°	35	24	31	32	27	18	18	14	7	7	6
57.5°	103	99	84	74	71	62	50	39	32	22	13
55°	156	146	132	118	104	96	87	74	62	47	35
52.5°	197	191	180	161	146	135	118	107	95	81	62
50°	273	259	242	224	204	185	168	146	126	113	96
47.5°	350	332	316	295	267	243	221	197	168	143	127
45°	426	399	376	353	325	295	270	243	213	183	155
42.5°	500	462	426	406	374	343	314	288	255	221	192
40°	593	537	499	471	439	393	365	334	300	260	230
37.5°	724	646	600	562	523	473	426	389	348	307	269
35°	900	804	717	660	617	555	499	449	403	357	311
32.5°	1093	972	848	763	693	630	568	512	456	407	358
30°	1374	1176	1005	866	777	700	630	568	508	452	403
27.5°	1815	1450	1216	1006	864	773	696	621	555	495	442
25°	2543	1906	1495	1204	978	854	767	681	602	536	480
22.5°	3663	2671	1932	1446	1163	987	854	742	651	585	522
20°	5607	3727	2589	1893	1442	1141	960	823	721	637	564
17.5°	8636	5839	3447	2460	1819	1388	1101	918	791	689	607
15°	12126	8218	5139	3281	2244	1592	1229	1009	864	746	650
12.5°	15658	10676	6607	3951	2605	1820	1381	1117	937	795	684
10°	18456	12873	8137	4916	3063	2053	1514	1198	987	834	714
7.5°	21336	14675	9427	5639	3446	2248	1616	1262	1028	866	740
5°	23437	16139	10523	6206	3746	2399	1695	1314	1061	892	762
2.5°	24874	17138	11264	6555	3945	2505	1757	1354	1093	909	776
0°	25539	17611	11609	6802	4056	2569	1805	1380	1118	920	786
-2.5°	25384	17582	11399	6716	4061	2603	1822	1387	1126	932	794
-5°	24367	16952	11028	6538	3959	2586	1828	1390	1127	938	798
-7.5°	22948	15838	10194	6100	3751	2517	1814	1389	1125	942	801
-10°	20738	14101	9046	5506	3470	2396	1765	1366	1113	937	800
-12.5°	18012	12134	7694	4616	3082	2216	1677	1322	1092	923	793
-15°	14829	10069	6442	4076	2765	2031	1571	1264	1064	903	781
-17.5°	11685	7879	4946	3355	2440	1870	1491	1225	1034	883	769
-20°	8589	5726	3991	2835	2124	1678	1389	1170	999	865	759

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REPORT NUMBER: P627904 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-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°	5956	4324	3103	2326	1877	1544	1298	1109	955	842	744
-25°	4291	3213	2487	2022	1662	1398	1212	1056	925	818	724
-27.5°	3152	2491	2093	1741	1475	1295	1139	1002	889	791	706
-30°	2430	2074	1771	1514	1342	1194	1070	956	853	761	685
-32.5°	1971	1750	1523	1363	1225	1109	1004	906	813	735	660
-35°	1676	1511	1361	1238	1129	1033	940	856	778	704	631
-37.5°	1465	1335	1231	1133	1046	963	885	813	741	669	604
-40°	1309	1207	1123	1045	973	903	838	772	704	634	576
-42.5°	1190	1111	1034	969	907	853	796	734	669	605	550
-45°	1093	1026	959	905	855	805	756	697	636	580	526
-47.5°	1007	953	900	848	802	757	712	660	606	553	498
-50°	934	887	839	793	755	714	670	625	573	519	470
-52.5°	863	826	789	751	712	671	629	584	534	488	445
-55°	809	776	740	704	667	630	589	544	500	459	414
-57.5°	755	723	691	660	631	592	549	508	465	422	379
-60°	697	670	640	610	581	547	505	464	424	384	343
-62.5°	628	602	576	549	521	490	451	413	379	345	307
-65°	551	528	504	479	452	421	388	360	333	305	271
-67.5°	478	457	434	409	384	358	334	310	286	259	229
-70°	410	391	371	349	326	303	282	260	236	213	190
-72.5°	347	331	314	294	273	253	233	214	194	174	154
-75°	285	272	258	241	224	206	190	174	158	142	126
-77.5°	224	213	202	189	176	163	151	138	124	111	98
-80°	166	158	150	141	132	122	112	101	90	80	71
-82.5°	115	111	106	98	91	83	76	68	61	53	46
-85°	69	66	63	58	53	48	44	39	35	30	26
-87.5°	27	26	26	24	21	19	17	15	14	12	10
-90°	0	0	0	0	0	0	0	0	0	0	0

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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	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°	4	3	2	2	1	0	1	2	2	0	0
57.5°	11	8	5	4	3	1	1	3	3	1	0
55°	23	17	10	6	6	5	2	3	4	3	0
52.5°	45	31	21	11	7	7	5	3	5	5	2
50°	73	51	35	23	9	8	7	5	5	7	4
47.5°	107	79	54	36	22	11	9	6	6	7	5
45°	136	111	78	54	35	20	13	7	6	7	7
42.5°	165	141	109	71	50	32	19	11	7	7	7
40°	200	169	138	100	68	42	28	17	7	7	7
37.5°	235	200	166	127	87	58	37	23	10	9	7
35°	271	233	192	151	110	75	45	31	17	11	7
32.5°	307	264	219	175	131	92	57	38	24	13	7
30°	347	293	244	198	151	109	72	47	30	16	8
27.5°	386	320	268	220	171	126	88	56	36	20	10
25°	422	353	292	240	190	143	103	66	43	25	12
22.5°	457	385	315	258	212	160	118	79	51	30	15
20°	491	416	339	282	232	178	132	91	58	34	18
17.5°	526	447	370	308	252	195	145	102	66	39	21
15°	561	478	399	332	271	211	158	112	74	43	24
12.5°	591	506	425	354	290	226	169	121	82	47	28
10°	618	530	447	374	308	239	180	129	89	51	31
7.5°	641	552	466	392	324	251	190	137	96	54	34
5°	659	569	481	406	336	263	199	144	103	58	37
2.5°	671	580	493	416	346	274	206	150	108	61	40
0°	679	587	503	425	354	283	212	156	113	64	42
-2.5°	687	595	512	434	362	292	219	160	117	70	43
-5°	692	599	519	440	368	300	224	164	120	76	44
-7.5°	695	604	524	445	373	305	228	167	123	80	44
-10°	695	608	529	449	376	308	231	169	125	84	45
-12.5°	693	609	530	451	378	309	235	172	127	86	45
-15°	687	608	529	450	379	309	238	176	129	87	45
-17.5°	679	605	525	446	377	308	239	177	130	86	47
-20°	672	598	518	440	373	307	238	177	129	85	49

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627904 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-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°	662	586	509	433	368	304	237	174	128	83	51
-25°	649	572	498	427	363	301	233	170	125	81	52
-27.5°	631	557	486	420	357	295	227	166	121	78	53
-30°	610	542	475	410	348	286	219	161	117	77	53
-32.5°	588	527	463	398	337	276	208	155	113	77	52
-35°	568	509	448	383	325	264	199	147	109	76	51
-37.5°	545	490	429	367	311	251	193	143	104	75	50
-40°	523	468	406	352	297	237	185	139	101	72	49
-42.5°	500	443	388	336	281	228	177	134	98	70	47
-45°	473	420	371	318	266	217	170	128	93	67	45
-47.5°	446	400	351	299	253	205	161	121	88	64	43
-50°	426	378	328	280	236	193	150	113	83	60	40
-52.5°	399	351	303	259	219	179	138	103	78	56	37
-55°	368	321	277	238	200	162	124	96	72	52	34
-57.5°	335	290	253	217	180	144	112	87	66	47	31
-60°	302	265	230	194	159	127	101	78	59	41	28
-62.5°	272	237	203	169	139	113	89	70	52	38	25
-65°	237	205	174	146	120	97	79	61	46	33	23
-67.5°	199	173	148	123	102	84	67	53	41	29	21
-70°	166	143	122	102	85	70	58	46	35	26	19
-72.5°	136	117	98	81	70	59	49	39	29	22	16
-75°	109	93	79	67	57	48	39	31	24	18	14
-77.5°	85	73	61	53	45	38	30	23	18	14	11
-80°	62	54	47	41	34	28	22	17	13	11	9
-82.5°	41	37	33	29	24	19	15	11	9	7	6
-85°	23	21	19	17	14	11	8	6	5	5	4
-87.5°	10	9	9	8	7	5	4	3	3	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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REPORT NUMBER: P627904 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-722-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°	1	0	0	0	0	0	0
50°	2	1	0	0	0	0	0
47.5°	3	1	0	0	0	0	0
45°	4	2	0	0	0	0	0
42.5°	5	3	0	0	0	0	0
40°	6	4	0	0	0	0	0
37.5°	6	5	1	0	0	0	0
35°	7	6	2	0	0	0	0
32.5°	7	6	3	0	0	0	0
30°	7	6	3	0	0	0	0
27.5°	7	7	4	0	0	0	0
25°	7	7	4	0	0	0	0
22.5°	7	7	5	0	0	0	0
20°	7	7	5	0	0	0	0
17.5°	8	7	6	0	0	0	0
15°	8	7	6	0	0	0	0
12.5°	9	7	6	0	0	0	0
10°	10	7	7	0	0	0	0
7.5°	11	7	7	0	0	0	0
5°	12	7	7	0	0	0	0
2.5°	13	7	7	0	0	0	0
0°	14	7	7	0	0	0	0
-2.5°	17	8	7	0	0	0	0
-5°	20	9	7	1	0	0	0
-7.5°	22	9	7	1	0	0	0
-10°	24	10	7	2	0	0	0
-12.5°	26	11	7	2	0	0	0
-15°	27	11	7	2	0	0	0
-17.5°	28	11	7	3	0	0	0
-20°	29	11	7	3	0	0	0

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CATALOG NUMBER: GFLD-SA6D-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	29	11	7	3	0	0	0
-25°	29	12	7	3	0	0	0
-27.5°	29	13	7	3	0	0	0
-30°	29	14	7	3	0	0	0
-32.5°	29	14	8	3	0	0	0
-35°	29	14	8	3	0	0	0
-37.5°	29	15	9	2	0	0	0
-40°	29	15	9	2	0	0	0
-42.5°	28	15	9	2	0	0	0
-45°	27	16	9	1	0	0	0
-47.5°	25	15	8	1	0	0	0
-50°	24	15	8	1	0	0	0
-52.5°	23	14	7	1	0	0	0
-55°	22	14	7	1	0	0	0
-57.5°	20	13	6	2	0	0	0
-60°	18	12	5	2	0	0	0
-62.5°	17	11	5	2	0	0	0
-65°	16	10	5	2	0	0	0
-67.5°	15	9	5	2	0	0	0
-70°	13	8	4	1	0	0	0
-72.5°	12	7	4	1	0	0	0
-75°	10	6	3	1	0	0	0
-77.5°	9	6	3	1	0	0	0
-80°	7	4	2	1	0	0	0
-82.5°	5	3	2	1	0	0	0
-85°	4	2	1	0	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)