

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: P627664 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627664 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5D-722-U-MR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

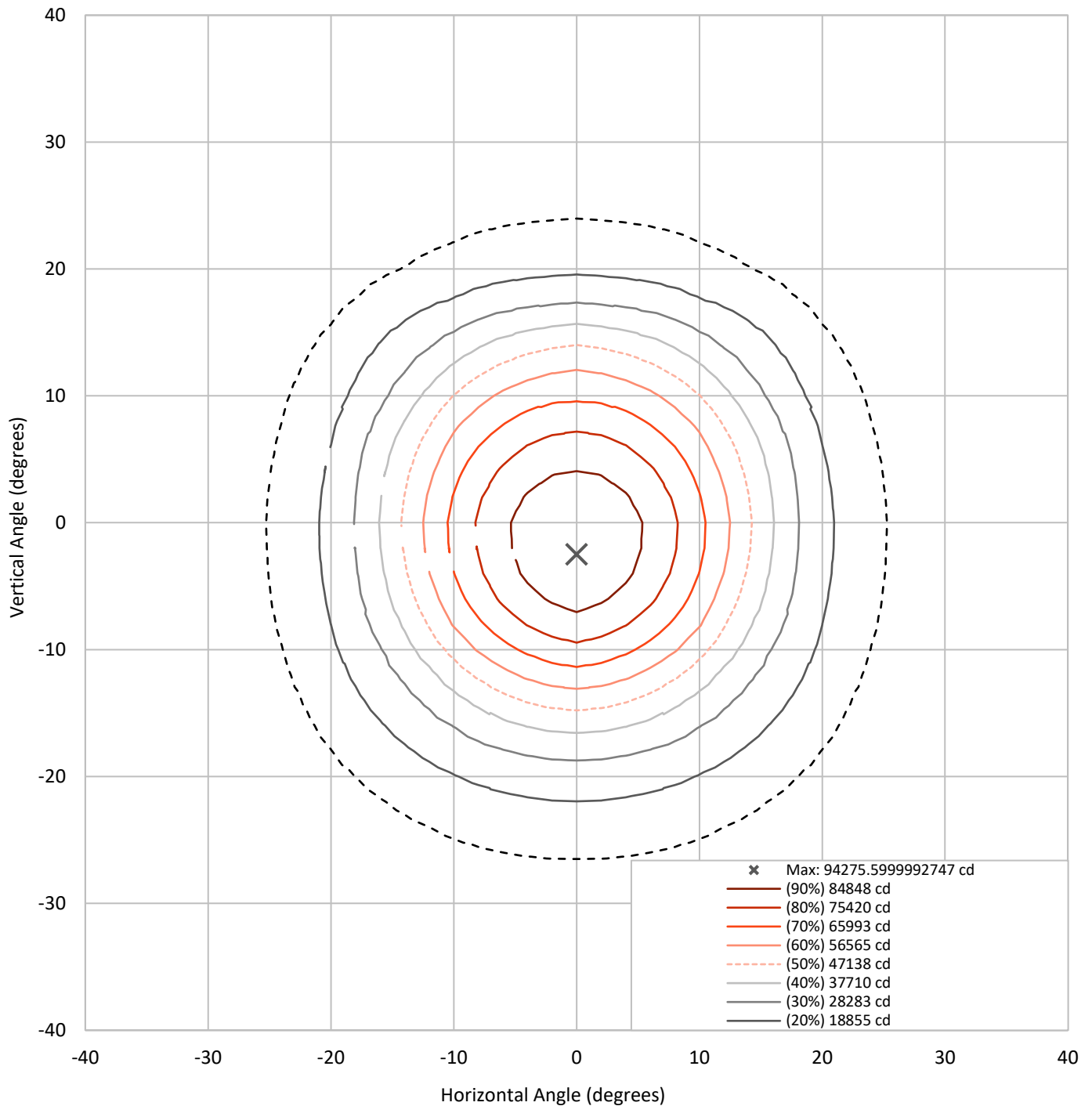
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	26738.6 lumens	Max Intensity:	94275.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	98.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	13369.6 lumens	Field Lumens:	22973.5 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	271.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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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	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0			
50		0.0	0.1	0.8	1.8	3.1	4.2	5.1	5.1	4.2	3.1	1.8	0.8	0.1	0.0				
40	0.1	0.1	0.9	2.9	5.6	8.7	12.1	14.3	14.3	12.1	8.7	5.6	2.9	0.9	0.1	0.1			
30		0.4	2.3	5.7	10.5	17.3	28.9	38.5	38.5	28.9	17.3	10.5	5.7	2.3	0.4				
20	0.2	0.8	3.6	8.7	16.6	40.4	126.9	232.7	232.7	126.9	40.4	16.6	8.7	3.6	0.8	0.2			
10		1.3	5.0	11.9	28.4	139.3	566.3	1108.8	1108.8	566.3	139.3	28.4	11.9	5.0	1.3				
0	0.4	1.7	6.0	14.1	40.8	265.4	1143.4	2241.1	2241.1	1143.4	265.4	40.8	14.1	6.0	1.7	0.4			
-10		1.9	6.6	14.9	43.6	278.1	1173.2	2376.3	2376.3	1173.2	278.1	43.6	14.9	6.6	1.9				
-20	0.5	2.1	6.7	14.6	35.9	170.8	648.8	1257.6	1257.6	648.8	170.8	35.9	14.6	6.7	2.1	0.5			
-30		2.0	6.4	13.3	26.3	66.3	200.9	358.5	358.5	200.9	66.3	26.3	13.3	6.4	2.0				
-40	0.5	1.7	5.7	11.5	19.9	32.7	53.4	71.5	71.5	53.4	32.7	19.9	11.5	5.7	1.7	0.5			
-50		1.5	4.7	9.5	15.7	22.5	29.7	33.3	33.3	29.7	22.5	15.7	9.5	4.7	1.5				
-60	0.3	1.1	3.5	7.5	12.3	17.1	21.4	23.3	23.3	21.4	17.1	12.3	7.5	3.5	1.1	0.3			
-70		0.7	2.2	4.9	8.2	11.7	14.6	16.2	16.2	14.6	11.7	8.2	4.9	2.2	0.7				
-80	0.1	1.7	7.9	17.1	21.6	17.1	7.9	1.7	0.1						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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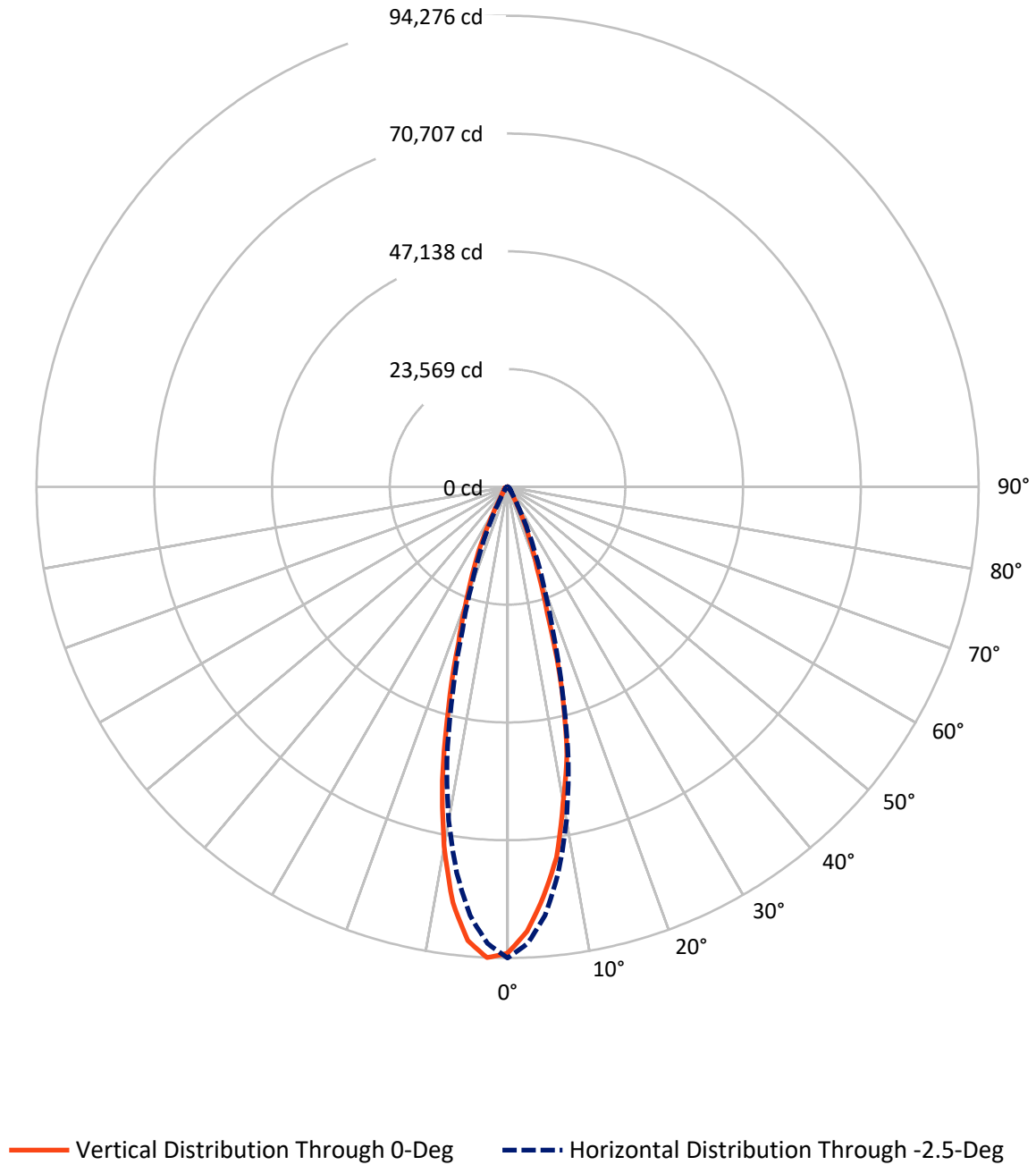
Scaled Data Report



REPORT NUMBER: P627664 (CONVERTED FROM TYPE C PHOTOMETRY)

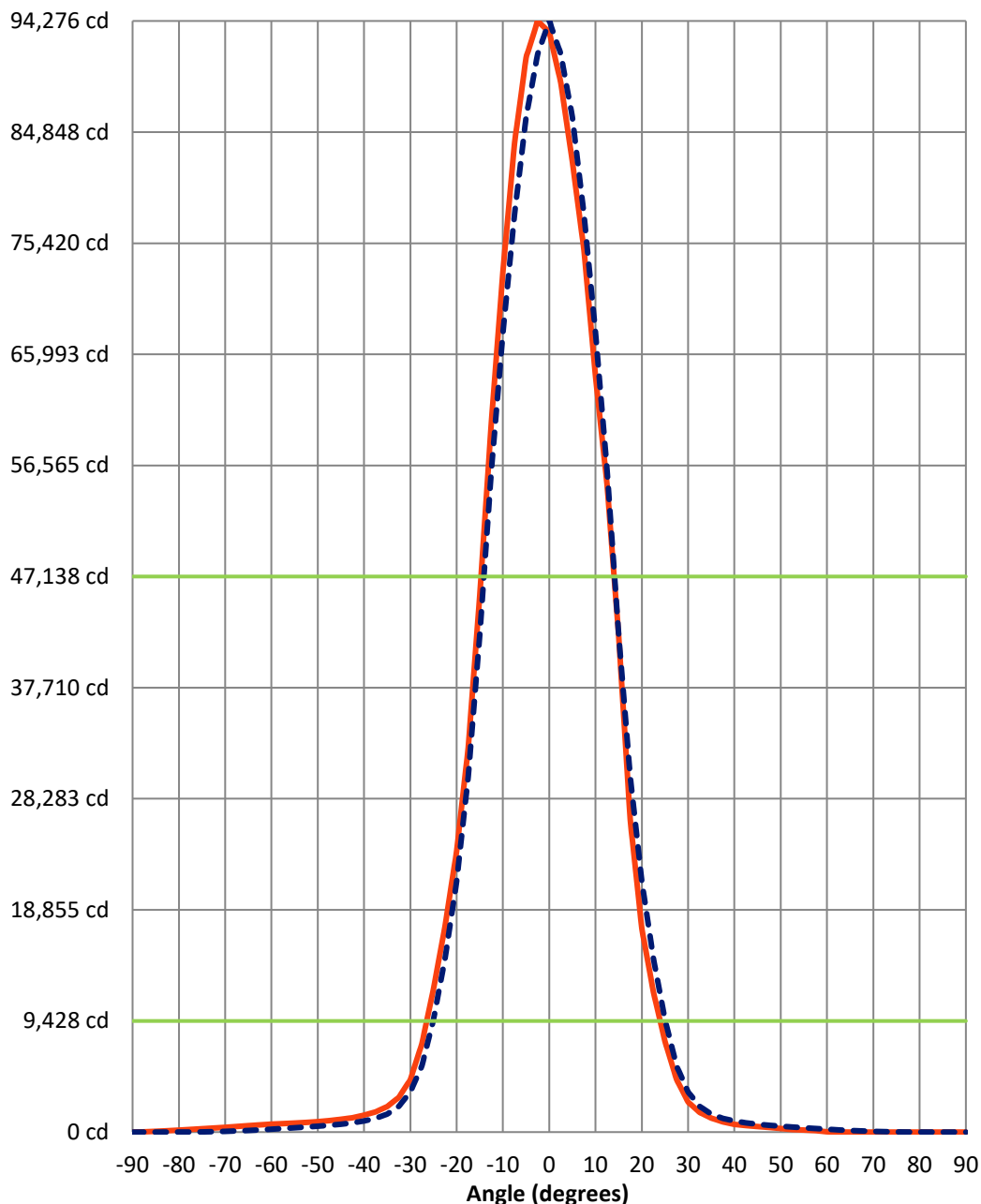
CATALOG NUMBER: GFLD-SA5D-722-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 13369.6
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 22973.5
 Efficiency: 85.9%

Spill:
 Lumens: 3765.2
 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	1	2
57.5°	0	0	0	0	0	0	0	0	1	3	2
55°	0	0	0	0	0	0	1	0	3	4	2
52.5°	0	0	0	0	0	0	1	2	4	4	3
50°	0	0	0	0	0	1	2	3	6	4	4
47.5°	0	0	0	0	0	1	2	4	6	5	5
45°	0	0	0	0	0	2	3	6	6	5	6
42.5°	0	0	0	0	0	3	4	6	6	6	9
40°	0	0	0	0	0	3	5	6	6	6	14
37.5°	0	0	0	0	1	4	5	6	7	9	20
35°	0	0	0	0	1	5	6	6	9	14	26
32.5°	0	0	0	0	2	5	6	6	11	20	32
30°	0	0	0	0	3	5	6	6	13	25	40
27.5°	0	0	0	0	3	6	6	8	17	30	47
25°	0	0	0	0	4	6	6	10	21	36	56
22.5°	0	0	0	0	4	6	6	12	25	42	66
20°	0	0	0	0	4	6	6	15	29	49	76
17.5°	0	0	0	0	5	6	6	17	32	56	86
15°	0	0	0	0	5	6	7	20	36	62	94
12.5°	0	0	0	0	5	6	8	23	39	69	101
10°	0	0	0	0	6	6	8	26	43	75	108
7.5°	0	0	0	0	6	6	9	29	46	81	115
5°	0	0	0	0	6	6	10	31	49	86	121
2.5°	0	0	0	0	6	6	11	34	51	91	126
0°	0	0	0	0	6	6	12	36	53	95	131
-2.5°	0	0	0	0	6	7	14	36	59	98	134
-5°	0	0	0	1	6	7	16	37	63	101	137
-7.5°	0	0	0	1	6	8	18	37	67	103	140
-10°	0	0	0	1	6	8	20	38	70	105	141
-12.5°	0	0	0	2	6	9	22	38	72	107	144
-15°	0	0	0	2	6	9	23	38	73	108	147
-17.5°	0	0	0	2	5	9	24	39	72	109	149
-20°	0	0	0	2	5	10	24	41	71	108	148

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CATALOG NUMBER: GFLD-SA5D-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	5	9	24	43	69	107	146
-25°	0	0	0	3	6	10	25	44	68	105	142
-27.5°	0	0	0	3	6	11	25	44	65	102	139
-30°	0	0	0	3	6	11	24	44	65	98	135
-32.5°	0	0	0	3	7	12	24	44	65	95	130
-35°	0	0	0	2	7	12	24	43	64	91	123
-37.5°	0	0	0	2	7	12	24	42	63	87	120
-40°	0	0	0	2	8	13	24	41	60	84	117
-42.5°	0	0	0	1	8	13	23	39	58	82	112
-45°	0	0	0	1	7	13	22	38	56	78	107
-47.5°	0	0	0	1	7	13	21	36	54	73	101
-50°	0	0	0	1	7	13	20	34	51	70	94
-52.5°	0	0	0	1	6	12	19	31	47	65	86
-55°	0	0	0	1	6	11	18	28	43	60	80
-57.5°	0	0	0	1	5	11	17	26	39	55	73
-60°	0	0	0	1	4	10	15	24	35	49	66
-62.5°	0	0	0	1	4	9	14	21	32	43	59
-65°	0	0	0	1	4	8	13	19	28	39	51
-67.5°	0	0	0	1	4	7	12	17	24	34	45
-70°	0	0	0	1	4	7	11	16	21	29	39
-72.5°	0	0	0	1	3	6	10	14	18	25	32
-75°	0	0	0	1	3	5	9	12	15	20	26
-77.5°	0	0	0	1	2	5	7	9	12	15	19
-80°	0	0	0	1	2	4	6	7	9	11	14
-82.5°	0	0	0	1	2	3	5	5	6	7	9
-85°	0	0	0	0	1	2	3	4	4	5	5
-87.5°	0	0	0	0	1	1	2	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA5D-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	1	1	1	2
60°	0	0	1	1	1	3	3	5	5	6	12
57.5°	1	1	3	3	4	7	10	11	19	27	33
55°	2	4	5	5	9	14	19	30	40	52	62
52.5°	4	6	6	9	17	26	38	52	68	79	89
50°	6	7	8	19	30	43	61	81	95	106	123
47.5°	8	9	18	31	46	66	90	106	120	141	165
45°	11	17	29	45	65	93	114	130	153	178	204
42.5°	16	27	42	59	91	118	138	161	186	214	241
40°	23	36	57	84	116	142	167	193	218	251	280
37.5°	31	49	73	106	139	168	197	226	258	292	326
35°	38	63	92	127	161	196	228	261	300	338	376
32.5°	48	77	110	147	183	222	257	300	341	382	430
30°	61	92	126	166	205	245	291	338	379	426	476
27.5°	74	105	143	184	224	269	323	371	415	466	521
25°	87	120	160	201	245	296	354	403	449	505	571
22.5°	99	134	178	216	264	323	383	437	491	546	622
20°	110	150	195	237	284	349	412	473	535	604	690
17.5°	122	164	211	258	310	375	441	509	578	663	770
15°	132	177	227	278	335	401	470	545	625	724	846
12.5°	142	189	243	297	356	424	496	574	666	786	937
10°	151	200	258	314	375	445	518	599	699	827	1005
7.5°	159	211	272	329	391	463	538	621	726	862	1059
5°	167	221	282	340	403	477	553	639	748	890	1102
2.5°	173	230	290	349	414	486	563	651	763	916	1136
0°	178	237	297	356	421	493	570	659	772	938	1157
-2.5°	184	245	304	364	429	499	577	666	782	944	1163
-5°	188	251	309	369	435	503	580	669	787	945	1166
-7.5°	191	256	313	373	440	507	583	672	790	944	1164
-10°	193	258	316	377	443	510	583	671	786	934	1145
-12.5°	197	259	317	378	444	511	581	665	774	915	1109
-15°	199	259	317	377	443	510	576	655	757	892	1060
-17.5°	200	259	316	374	440	507	570	645	741	867	1027
-20°	200	257	313	369	435	501	564	637	726	837	981

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CATALOG NUMBER: GFLD-SA5D-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°	198	255	309	363	427	492	555	624	706	801	930
-25°	196	252	305	358	418	480	544	607	686	776	886
-27.5°	191	247	299	352	408	467	529	592	663	746	840
-30°	183	240	292	344	398	454	512	574	638	715	802
-32.5°	175	232	283	334	388	442	493	553	616	682	760
-35°	167	221	272	322	376	427	476	529	590	652	718
-37.5°	162	210	261	308	359	411	457	506	561	622	681
-40°	156	199	249	295	341	392	439	483	532	590	648
-42.5°	149	191	236	281	325	371	419	462	508	561	616
-45°	142	182	223	267	311	352	396	441	486	533	584
-47.5°	135	172	212	251	294	336	374	417	464	508	553
-50°	126	162	198	235	275	317	357	394	436	480	524
-52.5°	116	150	183	217	254	294	335	373	409	448	490
-55°	104	136	168	200	233	270	309	347	385	420	456
-57.5°	94	121	151	182	212	243	281	318	354	390	426
-60°	85	107	133	163	193	222	253	287	322	355	389
-62.5°	75	94	117	142	170	199	228	258	289	318	347
-65°	66	82	101	123	146	172	199	228	256	279	302
-67.5°	56	70	86	103	124	145	167	192	218	239	260
-70°	49	58	71	86	102	120	139	159	179	198	218
-72.5°	41	49	59	68	83	98	114	129	146	163	180
-75°	33	40	48	56	66	78	92	106	119	132	146
-77.5°	25	32	38	44	52	61	71	82	93	104	115
-80°	18	23	29	34	40	45	52	59	67	76	85
-82.5°	12	16	20	24	28	31	35	39	45	51	57
-85°	7	9	12	14	16	18	20	22	25	29	33
-87.5°	3	4	6	7	7	8	8	8	10	11	13
-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	1	1	1	0	0
62.5°	2	3	5	6	7	7	8	8	8	8	8
60°	15	15	22	27	26	20	29	33	32	28	27
57.5°	42	52	60	62	70	83	86	85	86	90	101
55°	73	81	87	99	111	122	131	137	144	152	161
52.5°	99	113	122	135	151	160	165	181	196	207	214
50°	141	155	171	188	203	217	229	246	265	286	298
47.5°	185	204	224	248	265	279	294	317	343	367	382
45°	227	248	273	296	315	334	358	385	412	437	455
42.5°	263	287	314	340	358	387	420	448	482	513	536
40°	306	329	368	395	419	450	497	539	579	617	640
37.5°	357	397	438	471	503	542	607	671	722	773	808
35°	418	465	517	554	601	674	755	843	932	1003	1066
32.5°	476	528	581	640	711	815	917	1058	1189	1323	1449
30°	528	587	651	726	843	986	1152	1368	1603	1837	2105
27.5°	583	648	725	843	1020	1216	1522	1863	2349	2740	3370
25°	643	716	820	1010	1254	1598	2133	2741	3746	4605	5573
22.5°	716	828	976	1213	1620	2240	3071	4396	5940	7373	8741
20°	805	957	1209	1587	2171	3126	4702	6711	8857	10955	12984
17.5°	923	1164	1525	2063	2891	4897	7242	10113	13788	16549	19167
15°	1031	1335	1881	2752	4310	6892	10169	14566	19514	23675	28381
12.5°	1158	1526	2184	3313	5540	8953	13131	18375	24231	30546	37918
10°	1269	1722	2569	4122	6824	10795	15477	21633	29154	38090	47407
7.5°	1355	1885	2889	4729	7905	12307	17892	25378	34904	45348	55974
5°	1421	2011	3141	5205	8825	13534	19654	28341	39200	51187	61753
2.5°	1473	2100	3309	5497	9446	14372	20859	29916	41828	55000	66093
0°	1514	2155	3401	5704	9735	14769	21417	30553	43060	56867	68276
-2.5°	1528	2183	3406	5632	9559	14745	21287	30162	42210	56125	67813
-5°	1533	2169	3320	5483	9248	14216	20434	28681	39615	52668	64512
-7.5°	1522	2111	3146	5116	8549	13282	19244	26482	35445	46953	59195
-10°	1480	2009	2910	4617	7586	11825	17391	23507	30667	40061	49982
-12.5°	1406	1858	2585	3871	6452	10176	15105	20512	26091	32265	40425
-15°	1318	1703	2319	3418	5403	8444	12436	17001	21633	26360	31338
-17.5°	1250	1568	2046	2814	4148	6607	9799	13468	17226	20980	24332
-20°	1165	1407	1781	2378	3347	4802	7202	10057	12865	15926	18496

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REPORT NUMBER: P627664 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	1089	1295	1574	1950	2602	3626	4995	7005	9138	11361	13471
-25°	1017	1172	1394	1696	2085	2695	3599	4649	6147	7514	9081
-27.5°	956	1086	1237	1460	1755	2089	2644	3257	4042	4694	5740
-30°	897	1001	1126	1269	1485	1740	2037	2409	2793	3179	3680
-32.5°	842	930	1027	1143	1277	1467	1653	1891	2101	2333	2571
-35°	788	866	947	1039	1142	1267	1406	1564	1704	1843	1968
-37.5°	742	807	878	950	1033	1120	1229	1340	1434	1525	1603
-40°	703	757	816	876	942	1013	1098	1179	1243	1302	1351
-42.5°	668	715	761	812	867	932	998	1061	1104	1145	1177
-45°	634	675	717	759	804	860	917	966	1000	1031	1054
-47.5°	597	635	673	711	755	799	845	881	912	938	956
-50°	562	599	633	665	704	744	783	814	841	863	876
-52.5°	528	563	597	630	661	693	724	753	780	804	813
-55°	494	529	559	590	621	650	678	704	728	751	758
-57.5°	461	496	529	554	580	606	633	658	682	702	710
-60°	423	459	487	512	537	562	585	608	631	651	660
-62.5°	378	411	437	460	483	505	526	547	568	584	594
-65°	326	353	379	402	423	442	462	481	498	511	519
-67.5°	280	300	322	343	364	383	401	417	433	444	451
-70°	236	254	274	292	311	328	344	358	372	382	389
-72.5°	196	212	229	246	263	277	291	303	316	325	331
-75°	159	173	188	202	216	228	239	249	260	267	273
-77.5°	127	137	148	158	169	179	188	196	204	210	215
-80°	94	102	110	118	126	133	139	146	153	158	163
-82.5°	63	70	76	82	89	93	96	99	102	107	111
-85°	37	41	45	49	53	55	58	60	62	65	67
-87.5°	15	16	18	20	21	22	22	23	23	25	26
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627664 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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	1
62.5°	7	6	6	6	6	6	7	8	8	8	8
60°	26	24	23	24	23	24	26	27	28	32	33
57.5°	111	119	123	125	123	119	111	101	90	86	85
55°	168	174	175	172	175	174	168	161	152	144	137
52.5°	217	218	217	214	217	218	217	214	207	196	181
50°	302	301	301	303	301	301	302	298	286	265	246
47.5°	388	392	394	392	394	392	388	382	367	343	317
45°	464	469	471	469	471	469	464	455	437	412	385
42.5°	545	549	550	552	550	549	545	536	513	482	448
40°	652	656	655	653	655	656	652	640	617	579	539
37.5°	833	845	851	867	851	845	833	808	773	722	671
35°	1115	1146	1162	1187	1162	1146	1115	1066	1003	932	843
32.5°	1540	1602	1635	1668	1635	1602	1540	1449	1323	1189	1058
30°	2289	2412	2461	2553	2461	2412	2289	2105	1837	1603	1368
27.5°	3832	4123	4237	4476	4237	4123	3832	3370	2740	2349	1863
25°	6455	7081	7426	7699	7426	7081	6455	5573	4605	3746	2741
22.5°	10120	11038	11528	11890	11528	11038	10120	8741	7373	5940	4396
20°	14823	16033	16755	17280	16755	16033	14823	12984	10955	8857	6711
17.5°	22528	24430	25543	26498	25543	24430	22528	19167	16549	13788	10113
15°	33632	37455	40426	42080	40426	37455	33632	28381	23675	19514	14566
12.5°	44434	50033	53360	54890	53360	50033	44434	37918	30546	24231	18375
10°	55117	60397	63562	64121	63562	60397	55117	47407	38090	29154	21633
7.5°	63295	69101	73307	74835	73307	69101	63295	55974	45348	34904	25378
5°	70519	77317	81768	82332	81768	77317	70519	61753	51187	39200	28341
2.5°	75832	83223	87539	89022	87539	83223	75832	66093	55000	41828	29916
0°	78403	86363	91165	93326	91165	86363	78403	68276	56867	43060	30553
-2.5°	77862	86095	91455	94276	91455	86095	77862	67813	56125	42210	30162
-5°	74901	83159	88157	91153	88157	83159	74901	64512	52668	39615	28681
-7.5°	68074	75796	81117	83882	81117	75796	68074	59195	46953	35445	26482
-10°	59277	65812	70662	73019	70662	65812	59277	49982	40061	30667	23507
-12.5°	47846	54185	58560	60227	58560	54185	47846	40425	32265	26091	20512
-15°	36659	41496	44605	45589	44605	41496	36659	31338	26360	21633	17001
-17.5°	27800	30405	32153	32624	32153	30405	27800	24332	20980	17226	13468
-20°	20828	22442	23576	23845	23576	22442	20828	18496	15926	12865	10057

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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°	15175	16389	17305	17488	17305	16389	15175	13471	11361	9138	7005
-25°	10468	11483	12104	12151	12104	11483	10468	9081	7514	6147	4649
-27.5°	6563	7120	7408	7509	7408	7120	6563	5740	4694	4042	3257
-30°	4055	4312	4448	4452	4448	4312	4055	3680	3179	2793	2409
-32.5°	2753	2877	2945	2944	2945	2877	2753	2571	2333	2101	1891
-35°	2062	2126	2163	2167	2163	2126	2062	1968	1843	1704	1564
-37.5°	1658	1694	1712	1716	1712	1694	1658	1603	1525	1434	1340
-40°	1387	1411	1427	1436	1427	1411	1387	1351	1302	1243	1179
-42.5°	1199	1215	1222	1217	1222	1215	1199	1177	1145	1104	1061
-45°	1068	1078	1084	1086	1084	1078	1068	1054	1031	1000	966
-47.5°	964	969	972	974	972	969	964	956	938	912	881
-50°	882	886	887	885	887	886	882	876	863	841	814
-52.5°	816	817	818	819	818	817	816	813	804	780	753
-55°	762	764	765	766	765	764	762	758	751	728	704
-57.5°	716	721	721	718	721	721	716	710	702	682	658
-60°	667	673	676	677	676	673	667	660	651	631	608
-62.5°	601	608	611	611	611	608	601	594	584	568	547
-65°	526	531	539	546	539	531	526	519	511	498	481
-67.5°	456	461	468	475	468	461	456	451	444	433	417
-70°	396	401	403	404	403	401	396	389	382	372	358
-72.5°	337	342	344	344	344	342	337	331	325	316	303
-75°	279	283	285	285	285	283	279	273	267	260	249
-77.5°	220	224	225	226	225	224	220	215	210	204	196
-80°	167	171	169	166	169	171	167	163	158	153	146
-82.5°	114	118	116	113	116	118	114	111	107	102	99
-85°	69	71	68	65	68	71	69	67	65	62	60
-87.5°	28	30	27	24	27	30	28	26	25	23	23
-90°	0	0	0	0	0	0	0	0	0	0	0



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 CATALOG NUMBER: GFLD-SA5D-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°	1	1	0	0	0	0	0	0	0	0	0
62.5°	8	7	7	6	5	3	2	2	1	1	1
60°	29	20	26	27	22	15	15	12	6	5	5
57.5°	86	83	70	62	60	52	42	33	27	19	11
55°	131	122	111	99	87	81	73	62	52	40	30
52.5°	165	160	151	135	122	113	99	89	79	68	52
50°	229	217	203	188	171	155	141	123	106	95	81
47.5°	294	279	265	248	224	204	185	165	141	120	106
45°	358	334	315	296	273	248	227	204	178	153	130
42.5°	420	387	358	340	314	287	263	241	214	186	161
40°	497	450	419	395	368	329	306	280	251	218	193
37.5°	607	542	503	471	438	397	357	326	292	258	226
35°	755	674	601	554	517	465	418	376	338	300	261
32.5°	917	815	711	640	581	528	476	430	382	341	300
30°	1152	986	843	726	651	587	528	476	426	379	338
27.5°	1522	1216	1020	843	725	648	583	521	466	415	371
25°	2133	1598	1254	1010	820	716	643	571	505	449	403
22.5°	3071	2240	1620	1213	976	828	716	622	546	491	437
20°	4702	3126	2171	1587	1209	957	805	690	604	535	473
17.5°	7242	4897	2891	2063	1525	1164	923	770	663	578	509
15°	10169	6892	4310	2752	1881	1335	1031	846	724	625	545
12.5°	13131	8953	5540	3313	2184	1526	1158	937	786	666	574
10°	15477	10795	6824	4122	2569	1722	1269	1005	827	699	599
7.5°	17892	12307	7905	4729	2889	1885	1355	1059	862	726	621
5°	19654	13534	8825	5205	3141	2011	1421	1102	890	748	639
2.5°	20859	14372	9446	5497	3309	2100	1473	1136	916	763	651
0°	21417	14769	9735	5704	3401	2155	1514	1157	938	772	659
-2.5°	21287	14745	9559	5632	3406	2183	1528	1163	944	782	666
-5°	20434	14216	9248	5483	3320	2169	1533	1166	945	787	669
-7.5°	19244	13282	8549	5116	3146	2111	1522	1164	944	790	672
-10°	17391	11825	7586	4617	2910	2009	1480	1145	934	786	671
-12.5°	15105	10176	6452	3871	2585	1858	1406	1109	915	774	665
-15°	12436	8444	5403	3418	2319	1703	1318	1060	892	757	655
-17.5°	9799	6607	4148	2814	2046	1568	1250	1027	867	741	645
-20°	7202	4802	3347	2378	1781	1407	1165	981	837	726	637

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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4995	3626	2602	1950	1574	1295	1089	930	801	706	624
-25°	3599	2695	2085	1696	1394	1172	1017	886	776	686	607
-27.5°	2644	2089	1755	1460	1237	1086	956	840	746	663	592
-30°	2037	1740	1485	1269	1126	1001	897	802	715	638	574
-32.5°	1653	1467	1277	1143	1027	930	842	760	682	616	553
-35°	1406	1267	1142	1039	947	866	788	718	652	590	529
-37.5°	1229	1120	1033	950	878	807	742	681	622	561	506
-40°	1098	1013	942	876	816	757	703	648	590	532	483
-42.5°	998	932	867	812	761	715	668	616	561	508	462
-45°	917	860	804	759	717	675	634	584	533	486	441
-47.5°	845	799	755	711	673	635	597	553	508	464	417
-50°	783	744	704	665	633	599	562	524	480	436	394
-52.5°	724	693	661	630	597	563	528	490	448	409	373
-55°	678	650	621	590	559	529	494	456	420	385	347
-57.5°	633	606	580	554	529	496	461	426	390	354	318
-60°	585	562	537	512	487	459	423	389	355	322	287
-62.5°	526	505	483	460	437	411	378	347	318	289	258
-65°	462	442	423	402	379	353	326	302	279	256	228
-67.5°	401	383	364	343	322	300	280	260	239	218	192
-70°	344	328	311	292	274	254	236	218	198	179	159
-72.5°	291	277	263	246	229	212	196	180	163	146	129
-75°	239	228	216	202	188	173	159	146	132	119	106
-77.5°	188	179	169	158	148	137	127	115	104	93	82
-80°	139	133	126	118	110	102	94	85	76	67	59
-82.5°	96	93	89	82	76	70	63	57	51	45	39
-85°	58	55	53	49	45	41	37	33	29	25	22
-87.5°	22	22	21	20	18	16	15	13	11	10	8
-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°	3	3	1	1	1	0	0	2	1	0	0
57.5°	10	7	4	3	3	1	1	2	3	1	0
55°	19	14	9	5	5	4	2	2	4	3	0
52.5°	38	26	17	9	6	6	4	3	4	4	2
50°	61	43	30	19	8	7	6	4	4	6	3
47.5°	90	66	46	31	18	9	8	5	5	6	4
45°	114	93	65	45	29	17	11	6	5	6	6
42.5°	138	118	91	59	42	27	16	9	6	6	6
40°	167	142	116	84	57	36	23	14	6	6	6
37.5°	197	168	139	106	73	49	31	20	9	7	6
35°	228	196	161	127	92	63	38	26	14	9	6
32.5°	257	222	183	147	110	77	48	32	20	11	6
30°	291	245	205	166	126	92	61	40	25	13	6
27.5°	323	269	224	184	143	105	74	47	30	17	8
25°	354	296	245	201	160	120	87	56	36	21	10
22.5°	383	323	264	216	178	134	99	66	42	25	12
20°	412	349	284	237	195	150	110	76	49	29	15
17.5°	441	375	310	258	211	164	122	86	56	32	17
15°	470	401	335	278	227	177	132	94	62	36	20
12.5°	496	424	356	297	243	189	142	101	69	39	23
10°	518	445	375	314	258	200	151	108	75	43	26
7.5°	538	463	391	329	272	211	159	115	81	46	29
5°	553	477	403	340	282	221	167	121	86	49	31
2.5°	563	486	414	349	290	230	173	126	91	51	34
0°	570	493	421	356	297	237	178	131	95	53	36
-2.5°	577	499	429	364	304	245	184	134	98	59	36
-5°	580	503	435	369	309	251	188	137	101	63	37
-7.5°	583	507	440	373	313	256	191	140	103	67	37
-10°	583	510	443	377	316	258	193	141	105	70	38
-12.5°	581	511	444	378	317	259	197	144	107	72	38
-15°	576	510	443	377	317	259	199	147	108	73	38
-17.5°	570	507	440	374	316	259	200	149	109	72	39
-20°	564	501	435	369	313	257	200	148	108	71	41

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REPORT NUMBER: P627664 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	555	492	427	363	309	255	198	146	107	69	43
-25°	544	480	418	358	305	252	196	142	105	68	44
-27.5°	529	467	408	352	299	247	191	139	102	65	44
-30°	512	454	398	344	292	240	183	135	98	65	44
-32.5°	493	442	388	334	283	232	175	130	95	65	44
-35°	476	427	376	322	272	221	167	123	91	64	43
-37.5°	457	411	359	308	261	210	162	120	87	63	42
-40°	439	392	341	295	249	199	156	117	84	60	41
-42.5°	419	371	325	281	236	191	149	112	82	58	39
-45°	396	352	311	267	223	182	142	107	78	56	38
-47.5°	374	336	294	251	212	172	135	101	73	54	36
-50°	357	317	275	235	198	162	126	94	70	51	34
-52.5°	335	294	254	217	183	150	116	86	65	47	31
-55°	309	270	233	200	168	136	104	80	60	43	28
-57.5°	281	243	212	182	151	121	94	73	55	39	26
-60°	253	222	193	163	133	107	85	66	49	35	24
-62.5°	228	199	170	142	117	94	75	59	43	32	21
-65°	199	172	146	123	101	82	66	51	39	28	19
-67.5°	167	145	124	103	86	70	56	45	34	24	17
-70°	139	120	102	86	71	58	49	39	29	21	16
-72.5°	114	98	83	68	59	49	41	32	25	18	14
-75°	92	78	66	56	48	40	33	26	20	15	12
-77.5°	71	61	52	44	38	32	25	19	15	12	9
-80°	52	45	40	34	29	23	18	14	11	9	7
-82.5°	35	31	28	24	20	16	12	9	7	6	5
-85°	20	18	16	14	12	9	7	5	5	4	4
-87.5°	8	8	7	7	6	4	3	2	2	2	2
-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: P627664 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-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°	2	1	0	0	0	0	0
45°	3	2	0	0	0	0	0
42.5°	4	3	0	0	0	0	0
40°	5	3	0	0	0	0	0
37.5°	5	4	1	0	0	0	0
35°	6	5	1	0	0	0	0
32.5°	6	5	2	0	0	0	0
30°	6	5	3	0	0	0	0
27.5°	6	6	3	0	0	0	0
25°	6	6	4	0	0	0	0
22.5°	6	6	4	0	0	0	0
20°	6	6	4	0	0	0	0
17.5°	6	6	5	0	0	0	0
15°	7	6	5	0	0	0	0
12.5°	8	6	5	0	0	0	0
10°	8	6	6	0	0	0	0
7.5°	9	6	6	0	0	0	0
5°	10	6	6	0	0	0	0
2.5°	11	6	6	0	0	0	0
0°	12	6	6	0	0	0	0
-2.5°	14	7	6	0	0	0	0
-5°	16	7	6	1	0	0	0
-7.5°	18	8	6	1	0	0	0
-10°	20	8	6	1	0	0	0
-12.5°	22	9	6	2	0	0	0
-15°	23	9	6	2	0	0	0
-17.5°	24	9	5	2	0	0	0
-20°	24	10	5	2	0	0	0

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CATALOG NUMBER: GFLD-SA5D-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24	9	5	3	0	0	0
-25°	25	10	6	3	0	0	0
-27.5°	25	11	6	3	0	0	0
-30°	24	11	6	3	0	0	0
-32.5°	24	12	7	3	0	0	0
-35°	24	12	7	2	0	0	0
-37.5°	24	12	7	2	0	0	0
-40°	24	13	8	2	0	0	0
-42.5°	23	13	8	1	0	0	0
-45°	22	13	7	1	0	0	0
-47.5°	21	13	7	1	0	0	0
-50°	20	13	7	1	0	0	0
-52.5°	19	12	6	1	0	0	0
-55°	18	11	6	1	0	0	0
-57.5°	17	11	5	1	0	0	0
-60°	15	10	4	1	0	0	0
-62.5°	14	9	4	1	0	0	0
-65°	13	8	4	1	0	0	0
-67.5°	12	7	4	1	0	0	0
-70°	11	7	4	1	0	0	0
-72.5°	10	6	3	1	0	0	0
-75°	9	5	3	1	0	0	0
-77.5°	7	5	2	1	0	0	0
-80°	6	4	2	1	0	0	0
-82.5°	5	3	2	1	0	0	0
-85°	3	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)