

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: P627066 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-722-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627066 (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-SA3B-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: 9623.3 lumens
Efficiency: N/A
Efficacy: 102.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 13482.2 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 6445.7 lumens
Beam Efficiency: 67.0%

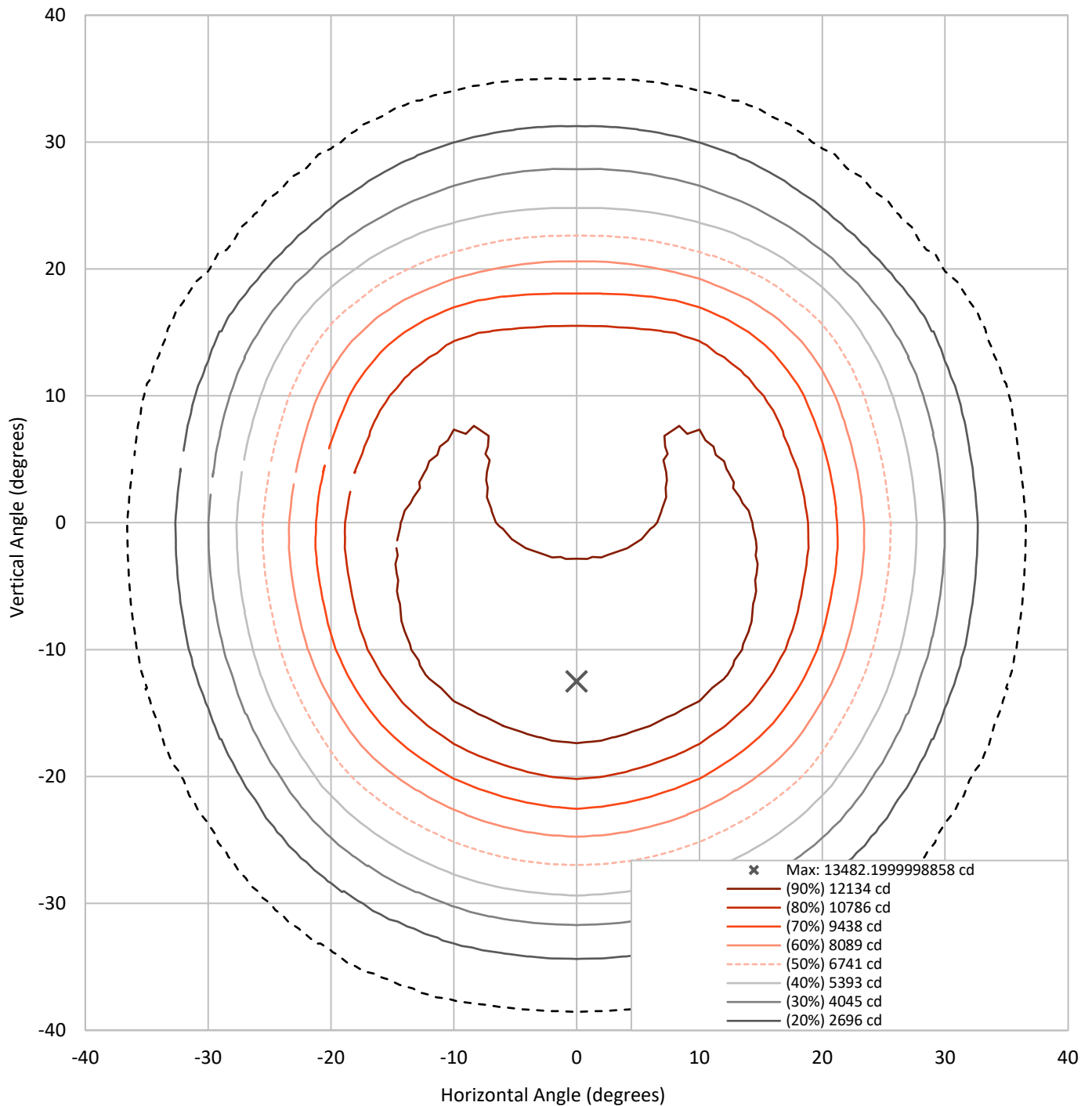
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 8674 lumens
Field Efficiency: 90.1%

Input Watts (W): 93.7
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



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Iso-Candela Plot





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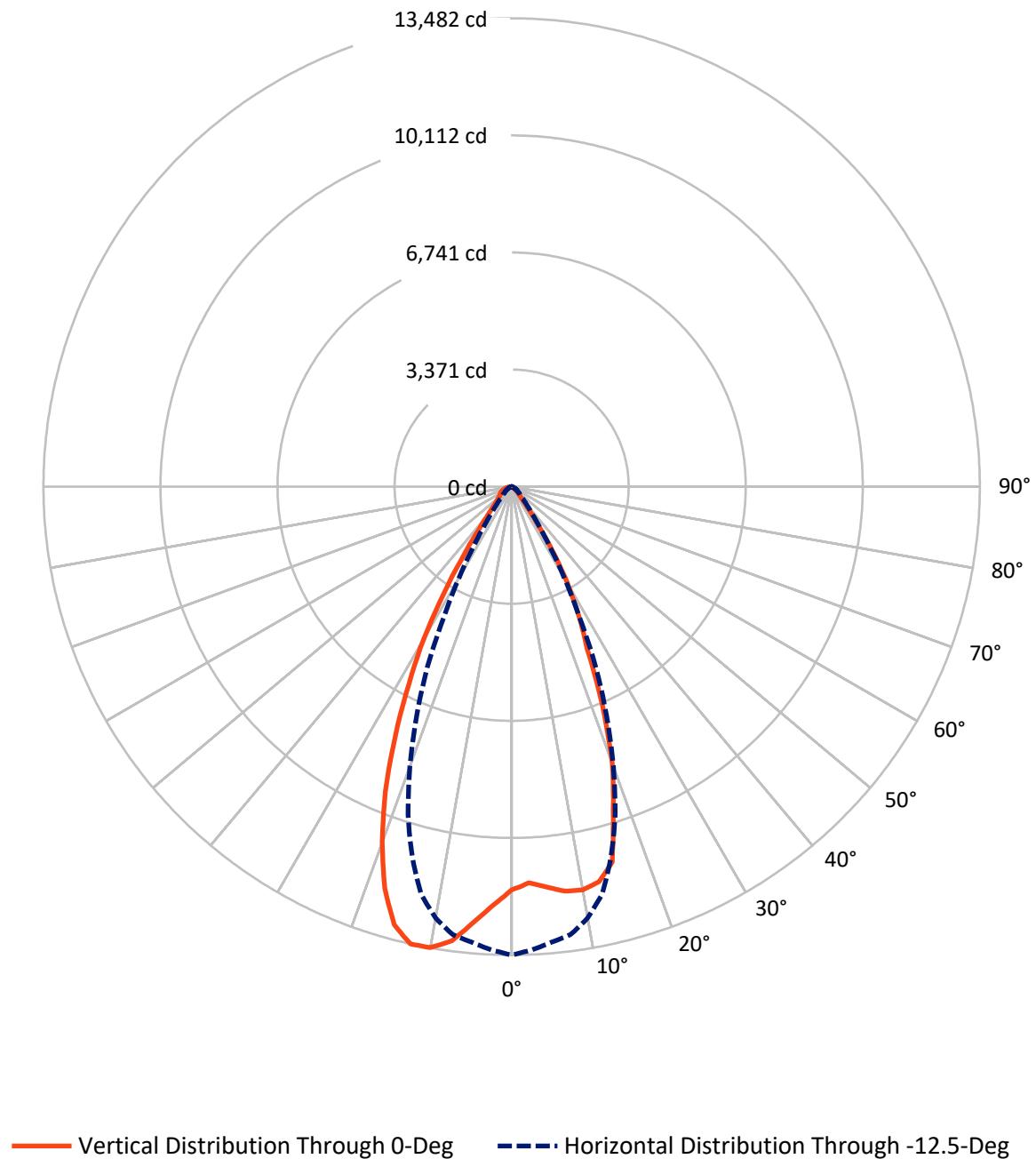
CATALOG NUMBER: GFLD-SA3B-722-U-MWR-VSR-XX

Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.0	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				
50		0.0	0.1	0.3	0.8	1.3	1.8	2.1	2.1	1.8	1.3	0.8	0.3	0.1		0.0			
40	0.1	0.1	0.4	1.4	2.7	4.4	6.6	8.1	8.1	6.6	4.4	2.7	1.4	0.4	0.1				
30		0.2	1.1	2.8	5.8	12.5	28.4	43.4	43.4	28.4	12.5	5.8	2.8	1.1	0.2				
20	0.1	0.4	1.8	4.5	12.1	44.7	115.2	161.0	161.0	115.2	44.7	12.1	4.5	1.8	0.4				
10		0.6	2.5	6.9	28.7	124.2	259.2	320.9	320.9	259.2	124.2	28.7	6.9	2.5	0.6				
0	0.2	0.8	3.1	9.0	45.8	182.9	334.1	362.3	362.3	334.1	182.9	45.8	9.0	3.1	0.8				
-10		1.0	3.4	9.6	47.9	188.9	346.2	384.5	384.5	346.2	188.9	47.9	9.6	3.4	1.0				
-20	0.3	1.1	3.5	8.7	34.3	140.7	292.0	372.9	372.9	292.0	140.7	34.3	8.7	3.5	1.1				
-30		1.0	3.3	7.2	19.1	68.2	162.7	229.0	229.0	162.7	68.2	19.1	7.2	3.3	1.0				
-40	0.2	0.9	3.0	6.0	11.4	24.3	50.8	75.4	75.4	50.8	24.3	11.4	6.0	3.0	0.9				
-50		0.8	2.5	5.0	8.3	12.3	17.3	20.6	20.6	17.3	12.3	8.3	5.0	2.5	0.8				
-60	0.2	0.6	1.9	3.9	6.6	9.1	11.3	12.4	12.4	11.3	9.1	6.6	3.9	1.9	0.6				
-70		0.4	1.2	2.7	4.6	6.5	8.2	9.2	9.2	8.2	6.5	4.6	2.7	1.2	0.4				
-80	0.1	1.1	4.8	10.3	13.2	10.3	4.8	1.1	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

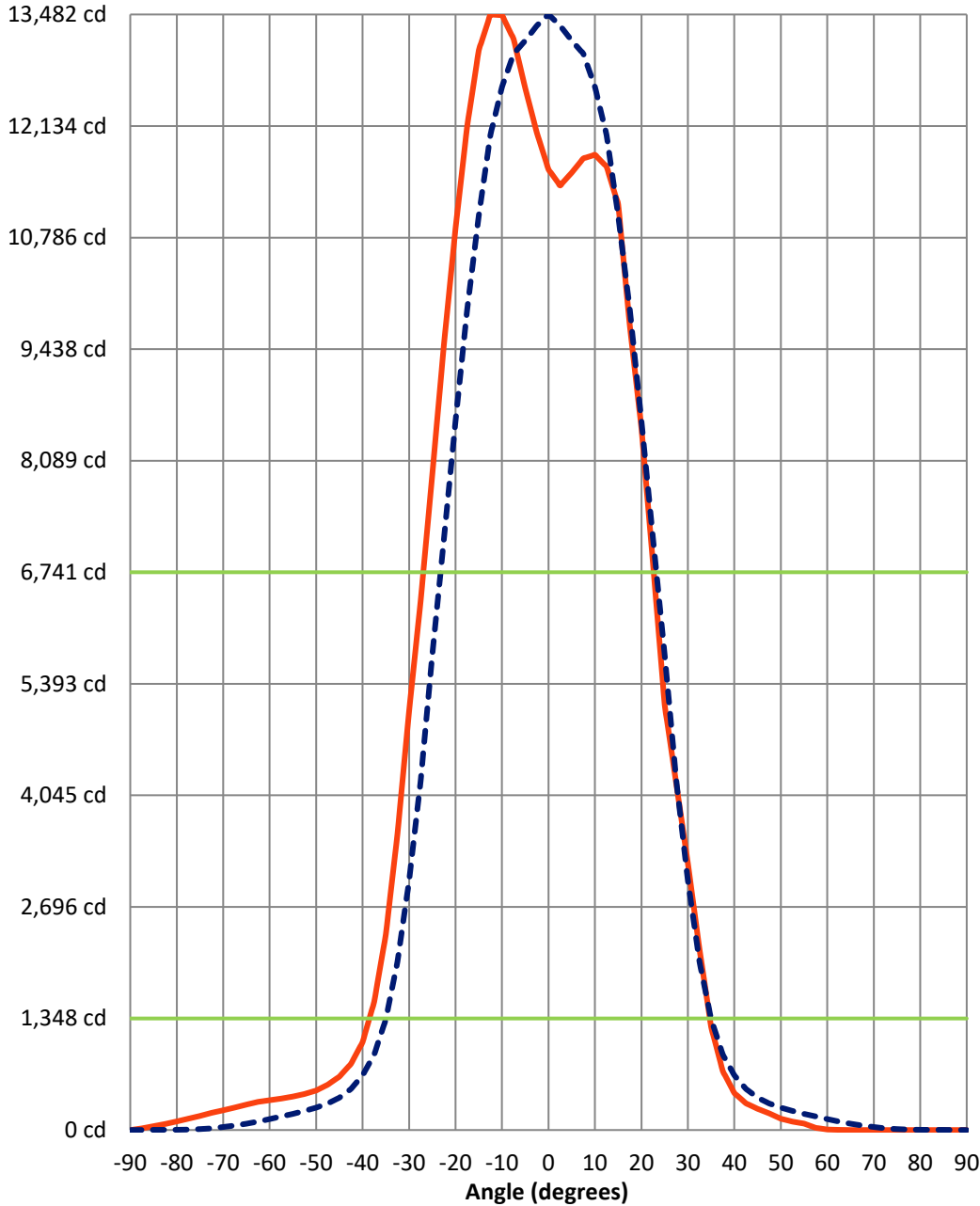
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 6445.7
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 8674
 Efficiency: 90.1%

Spill:
 Lumens: 949.4
 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	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	0	0
65°	0	0	0	0	1	1	0	0	0	1	1
62.5°	0	0	0	1	1	1	0	0	1	1	1
60°	0	0	0	1	1	1	0	1	2	2	2
57.5°	0	0	0	1	1	1	1	2	2	2	2
55°	0	0	0	1	1	1	1	2	2	2	2
52.5°	0	0	0	2	2	1	2	2	2	2	2
50°	0	0	1	2	2	1	2	2	2	2	3
47.5°	0	0	1	2	2	2	2	2	2	2	3
45°	0	0	1	2	2	2	2	3	2	3	4
42.5°	0	0	1	2	2	2	3	3	2	3	4
40°	0	0	1	2	2	2	3	3	3	4	5
37.5°	0	0	1	2	2	2	3	3	4	5	6
35°	0	0	1	2	2	2	3	3	4	6	8
32.5°	0	0	2	2	2	3	4	3	5	8	13
30°	0	0	2	2	2	3	4	4	6	10	18
27.5°	0	0	2	2	2	3	4	4	7	12	22
25°	0	0	2	2	2	3	4	5	9	15	26
22.5°	0	0	2	2	2	4	4	6	11	18	30
20°	0	0	2	2	2	4	4	6	12	21	35
17.5°	0	0	2	2	2	4	5	7	14	24	40
15°	0	0	2	2	2	4	5	8	16	26	45
12.5°	0	0	2	2	2	4	5	10	18	28	49
10°	0	0	2	2	2	4	5	11	20	32	54
7.5°	0	0	2	2	2	4	6	13	21	36	57
5°	0	0	2	2	2	4	6	15	22	39	60
2.5°	0	0	2	2	2	4	6	16	23	43	62
0°	0	0	2	2	2	4	7	18	24	46	64
-2.5°	0	0	2	2	2	5	8	18	27	49	68
-5°	0	0	2	2	3	5	9	19	30	50	71
-7.5°	0	0	2	2	3	5	10	19	33	52	73
-10°	0	0	2	2	3	5	11	20	35	53	75
-12.5°	0	0	2	2	3	5	12	20	37	54	76
-15°	0	0	2	2	3	5	12	20	37	55	77
-17.5°	0	0	2	2	3	6	12	21	37	55	77
-20°	0	0	2	2	3	6	13	22	36	55	76

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CATALOG NUMBER: GFLD-SA3B-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	0	2	2	3	6	13	22	36	54	74
-25°	0	0	2	2	3	6	13	22	35	53	71
-27.5°	0	0	2	2	3	6	13	22	34	51	70
-30°	0	0	2	2	3	7	12	22	34	50	68
-32.5°	0	0	2	2	3	7	12	22	33	48	65
-35°	0	1	2	2	4	7	12	21	32	47	62
-37.5°	0	1	2	2	4	7	12	20	31	45	61
-40°	0	1	2	2	4	7	12	19	29	43	60
-42.5°	0	1	2	2	4	7	12	19	28	41	58
-45°	0	1	2	2	4	7	12	18	26	39	55
-47.5°	0	1	2	2	4	7	11	17	25	36	52
-50°	0	1	2	3	4	7	11	17	24	34	48
-52.5°	0	1	2	3	4	7	11	16	23	32	43
-55°	0	1	2	3	4	7	10	15	22	30	41
-57.5°	0	0	2	3	4	6	10	14	20	28	38
-60°	0	0	2	3	4	6	9	13	19	26	35
-62.5°	0	0	2	3	4	6	9	13	18	24	32
-65°	0	0	2	3	4	5	8	12	16	22	29
-67.5°	0	0	2	3	4	5	7	10	14	19	26
-70°	0	0	1	3	4	5	6	9	13	17	22
-72.5°	0	0	1	2	3	4	6	8	11	14	18
-75°	0	0	1	2	3	4	5	7	9	12	15
-77.5°	0	0	1	2	3	4	5	6	8	9	12
-80°	0	0	1	1	2	3	4	5	7	8	10
-82.5°	0	0	1	1	2	2	3	4	6	7	8
-85°	0	0	0	1	1	2	2	3	4	5	6
-87.5°	0	0	0	0	1	1	1	1	2	2	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627066 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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	0	0	0	0	0	0	0	0
65°	1	1	1	1	0	1	1	1	0	0	0
62.5°	2	2	1	1	1	2	1	1	0	1	1
60°	2	2	2	2	2	2	1	2	2	2	5
57.5°	2	2	2	2	2	2	3	3	8	13	15
55°	2	2	2	3	3	4	6	12	18	23	25
52.5°	2	2	3	4	5	8	15	22	28	33	39
50°	3	4	5	6	10	17	26	34	41	48	57
47.5°	4	5	7	10	18	28	38	48	57	67	79
45°	5	7	9	17	27	40	52	64	73	85	95
42.5°	6	11	16	24	39	53	68	77	87	100	114
40°	9	15	23	36	51	69	81	91	102	120	137
37.5°	14	21	31	47	66	83	95	107	123	143	164
35°	18	27	41	59	80	96	109	125	147	170	194
32.5°	24	33	51	72	91	108	123	146	169	195	229
30°	28	41	61	83	102	119	141	166	189	220	260
27.5°	34	50	71	93	112	130	158	183	209	245	293
25°	39	59	81	102	121	144	176	202	229	274	338
22.5°	46	67	90	110	130	160	193	225	261	306	385
20°	54	75	98	120	139	174	211	251	299	362	466
17.5°	60	83	106	130	154	190	231	278	338	417	569
15°	66	89	114	139	168	205	251	309	381	479	668
12.5°	72	95	122	149	180	220	269	332	417	558	795
10°	77	100	129	158	191	233	284	351	446	614	890
7.5°	81	106	136	167	201	244	297	366	472	658	965
5°	85	112	142	174	208	253	308	378	493	691	1022
2.5°	88	118	146	179	213	260	317	390	514	718	1070
0°	91	124	150	183	217	265	323	398	530	736	1107
-2.5°	94	127	156	187	223	269	326	404	536	739	1100
-5°	96	129	160	189	228	271	326	406	535	733	1077
-7.5°	98	130	163	192	230	272	327	405	530	721	1041
-10°	100	131	164	194	231	272	325	400	517	697	985
-12.5°	102	132	164	195	231	271	321	391	497	661	914
-15°	104	133	164	195	230	268	314	378	471	614	826
-17.5°	104	133	163	193	228	264	305	363	446	572	762
-20°	104	133	162	190	225	259	298	352	426	532	686

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CATALOG NUMBER: GFLD-SA3B-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°	103	132	161	187	221	254	291	338	400	487	611
-25°	101	130	159	186	216	249	282	323	377	454	557
-27.5°	97	128	156	183	211	242	273	311	358	417	500
-30°	93	124	152	179	206	236	265	297	339	390	456
-32.5°	88	120	147	174	201	229	257	286	322	365	416
-35°	85	115	142	167	194	221	248	275	305	343	387
-37.5°	83	109	137	161	186	213	239	265	292	322	362
-40°	80	104	131	155	178	204	229	253	278	308	339
-42.5°	76	100	125	149	171	195	219	242	267	295	324
-45°	73	95	119	141	164	186	209	231	255	281	308
-47.5°	69	89	112	132	154	176	199	221	242	267	292
-50°	64	83	104	124	143	165	187	209	231	251	274
-52.5°	59	76	96	115	133	151	174	196	218	238	258
-55°	53	69	87	106	124	140	160	182	203	223	244
-57.5°	49	62	79	97	114	131	149	168	189	208	228
-60°	45	56	70	86	104	120	138	156	174	193	211
-62.5°	41	50	62	75	92	108	125	141	159	175	191
-65°	37	45	54	66	78	93	109	125	141	156	169
-67.5°	32	39	47	56	67	79	92	107	122	135	148
-70°	28	34	41	48	56	67	78	90	102	114	127
-72.5°	23	29	34	40	48	56	65	75	85	96	107
-75°	19	23	28	33	39	46	54	62	70	79	88
-77.5°	15	19	23	27	31	37	43	49	56	63	69
-80°	12	14	17	21	24	28	32	37	42	47	53
-82.5°	9	11	13	15	17	20	23	26	30	34	38
-85°	7	8	9	10	12	13	15	17	19	21	24
-87.5°	3	4	4	5	6	6	7	8	9	10	11
-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	0	1	1	2	2	2
60°	6	4	6	7	7	5	8	9	8	7	7
57.5°	15	17	19	22	25	26	28	31	32	33	34
55°	28	34	40	43	48	55	61	62	63	64	68
52.5°	45	52	55	60	70	76	79	84	89	95	99
50°	66	72	78	87	96	102	103	113	124	133	138
47.5°	87	94	106	121	129	136	145	156	169	182	192
45°	106	119	135	148	158	170	182	197	216	234	248
42.5°	128	143	159	174	185	204	226	243	271	295	310
40°	154	168	191	210	233	257	294	329	364	404	433
37.5°	184	207	239	269	304	339	406	474	530	608	652
35°	221	257	302	347	402	488	585	717	854	968	1078
32.5°	264	310	371	452	545	682	829	1072	1308	1545	1777
30°	305	372	466	578	730	948	1224	1599	2005	2361	2683
27.5°	361	456	578	745	1004	1323	1832	2353	2871	3333	3665
25°	429	556	728	1005	1380	1908	2590	3229	3836	4289	4671
22.5°	527	717	962	1314	1994	2728	3545	4349	5031	5602	5978
20°	647	905	1314	1952	2752	3670	4722	5567	6407	7050	7624
17.5°	818	1228	1807	2616	3572	4797	5880	6822	7889	8546	9131
15°	972	1499	2323	3357	4477	5775	7052	8206	9236	9958	10612
12.5°	1166	1786	2734	3950	5175	6620	7947	9184	10192	10935	11393
10°	1340	2081	3145	4416	5788	7298	8673	9960	10937	11511	11848
7.5°	1481	2326	3478	4815	6263	7783	9236	10513	11448	11928	12158
5°	1589	2508	3738	5143	6646	8201	9684	10934	11722	12119	12247
2.5°	1671	2634	3914	5358	6905	8510	10024	11256	11928	12215	12257
0°	1726	2723	4028	5493	7127	8621	10208	11459	12098	12328	12350
-2.5°	1713	2691	4023	5444	7101	8671	10238	11472	12156	12465	12515
-5°	1679	2615	3889	5305	6899	8471	9966	11269	12108	12575	12782
-7.5°	1611	2485	3661	5039	6572	8146	9669	11022	11988	12644	13048
-10°	1497	2293	3369	4702	6213	7712	9219	10623	11663	12453	13016
-12.5°	1340	2034	3013	4225	5744	7144	8570	9915	11050	12024	12607
-15°	1179	1764	2644	3752	5075	6453	7771	9091	10211	11122	11848
-17.5°	1064	1528	2215	3186	4347	5655	6940	8153	9164	10020	10782
-20°	918	1263	1808	2623	3646	4789	6020	7099	8002	8805	9533

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REPORT NUMBER: P627066 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	803	1081	1475	2031	2950	3958	4966	5959	6808	7523	8144
-25°	697	893	1201	1653	2250	3121	3970	4809	5592	6257	6816
-27.5°	615	770	975	1297	1751	2259	3003	3704	4378	4985	5513
-30°	540	656	817	1018	1326	1704	2151	2676	3213	3693	4172
-32.5°	486	569	679	828	1001	1271	1542	1895	2235	2585	2928
-35°	437	504	579	679	798	955	1133	1349	1531	1760	1971
-37.5°	404	451	508	571	656	744	865	996	1108	1236	1343
-40°	376	413	452	495	553	612	690	764	835	913	971
-42.5°	353	383	411	444	478	526	578	624	668	713	751
-45°	335	357	380	405	432	466	503	537	566	591	612
-47.5°	316	336	355	375	398	423	447	469	492	512	526
-50°	296	316	334	351	371	390	409	427	444	458	467
-52.5°	278	298	316	332	348	364	380	396	410	423	429
-55°	264	282	300	314	328	342	356	371	385	397	401
-57.5°	248	267	284	297	310	322	335	349	362	374	378
-60°	230	250	265	277	290	304	316	329	341	351	355
-62.5°	209	226	240	253	264	275	289	302	314	325	331
-65°	183	199	212	224	236	246	259	271	282	292	298
-67.5°	161	173	184	195	206	217	229	240	251	259	264
-70°	139	150	161	171	180	190	200	209	218	225	231
-72.5°	117	127	136	145	154	163	171	179	187	193	198
-75°	97	105	113	121	128	135	141	148	154	159	163
-77.5°	76	83	90	96	103	108	113	118	122	127	131
-80°	59	63	68	73	78	82	86	90	93	97	100
-82.5°	42	45	48	52	55	58	60	63	66	68	71
-85°	27	29	30	32	34	36	37	39	40	42	43
-87.5°	13	14	14	15	16	17	18	18	19	20	21
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627066 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	2	2	2	2	2	2	2	2	2	2	1
60°	7	7	7	7	7	7	7	7	7	8	9
57.5°	33	31	29	27	29	31	33	34	33	32	31
55°	72	76	78	77	78	76	72	68	64	63	62
52.5°	103	105	104	102	104	105	103	99	95	89	84
50°	140	140	139	137	139	140	140	138	133	124	113
47.5°	197	200	201	201	201	200	197	192	182	169	156
45°	253	256	257	256	257	256	253	248	234	216	197
42.5°	318	323	324	323	324	323	318	310	295	271	243
40°	450	456	453	447	453	456	450	433	404	364	329
37.5°	682	704	714	714	714	704	682	652	608	530	474
35°	1177	1256	1292	1247	1292	1256	1177	1078	968	854	717
32.5°	1966	2105	2184	2184	2184	2105	1966	1777	1545	1308	1072
30°	2927	3102	3200	3221	3200	3102	2927	2683	2361	2005	1599
27.5°	3924	4104	4198	4185	4198	4104	3924	3665	3333	2871	2353
25°	4924	5061	5140	5142	5140	5061	4924	4671	4289	3836	3229
22.5°	6401	6689	6808	6840	6808	6689	6401	5978	5602	5031	4349
20°	8012	8291	8471	8482	8471	8291	8012	7624	7050	6407	5567
17.5°	9546	9685	9710	9722	9710	9685	9546	9131	8546	7889	6822
15°	10993	11041	11169	11185	11169	11041	10993	10612	9958	9236	8206
12.5°	11680	11724	11702	11643	11702	11724	11680	11393	10935	10192	9184
10°	12054	11992	11899	11787	11899	11992	12054	11848	11511	10937	9960
7.5°	12139	12070	11905	11743	11905	12070	12139	12158	11928	11448	10513
5°	12179	11975	11768	11570	11768	11975	12179	12247	12119	11722	10934
2.5°	12156	11913	11628	11415	11628	11913	12156	12257	12215	11928	11256
0°	12233	11988	11689	11610	11689	11988	12233	12350	12328	12098	11459
-2.5°	12449	12250	12095	12052	12095	12250	12449	12515	12465	12156	11472
-5°	12838	12794	12529	12591	12529	12794	12838	12782	12575	12108	11269
-7.5°	13213	13151	13039	13184	13039	13151	13213	13048	12644	11988	11022
-10°	13313	13292	13345	13473	13345	13292	13313	13016	12453	11663	10623
-12.5°	13007	13167	13347	13482	13347	13167	13007	12607	12024	11050	9915
-15°	12325	12653	12921	13049	12921	12653	12325	11848	11122	10211	9091
-17.5°	11320	11722	12041	12132	12041	11722	11320	10782	10020	9164	8153
-20°	10084	10493	10782	10898	10782	10493	10084	9533	8805	8002	7099

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REPORT NUMBER: P627066 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	8692	9091	9354	9492	9354	9091	8692	8144	7523	6808	5959
-25°	7280	7631	7864	7925	7864	7631	7280	6816	6257	5592	4809
-27.5°	5929	6211	6383	6402	6383	6211	5929	5513	4985	4378	3704
-30°	4570	4832	4981	5060	4981	4832	4570	4172	3693	3213	2676
-32.5°	3210	3418	3544	3577	3544	3418	3210	2928	2585	2235	1895
-35°	2140	2269	2349	2365	2349	2269	2140	1971	1760	1531	1349
-37.5°	1431	1494	1533	1552	1533	1494	1431	1343	1236	1108	996
-40°	1014	1043	1060	1063	1060	1043	1014	971	913	835	764
-42.5°	775	790	798	800	798	790	775	751	713	668	624
-45°	627	637	643	646	643	637	627	612	591	566	537
-47.5°	536	543	547	548	547	543	536	526	512	492	469
-50°	473	477	478	478	478	477	473	467	458	444	427
-52.5°	433	436	436	436	436	436	433	429	423	410	396
-55°	404	405	405	405	405	405	404	401	397	385	371
-57.5°	381	383	383	380	383	383	381	378	374	362	349
-60°	358	361	361	360	361	361	358	355	351	341	329
-62.5°	336	341	341	340	341	341	336	331	325	314	302
-65°	304	309	309	307	309	309	304	298	292	282	271
-67.5°	269	273	273	272	273	273	269	264	259	251	240
-70°	235	240	240	239	240	240	235	231	225	218	209
-72.5°	202	207	208	208	208	207	202	198	193	187	179
-75°	168	171	171	170	171	171	168	163	159	154	148
-77.5°	135	139	138	137	138	139	135	131	127	122	118
-80°	103	106	105	104	105	106	103	100	97	93	90
-82.5°	73	75	74	73	74	75	73	71	68	66	63
-85°	45	46	46	46	46	46	45	43	42	40	39
-87.5°	21	22	21	20	21	22	21	21	20	19	18
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627066 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	1	0	1	1	1	1	1	1	1	0	1
60°	8	5	7	7	6	4	6	5	2	2	2
57.5°	28	26	25	22	19	17	15	15	13	8	3
55°	61	55	48	43	40	34	28	25	23	18	12
52.5°	79	76	70	60	55	52	45	39	33	28	22
50°	103	102	96	87	78	72	66	57	48	41	34
47.5°	145	136	129	121	106	94	87	79	67	57	48
45°	182	170	158	148	135	119	106	95	85	73	64
42.5°	226	204	185	174	159	143	128	114	100	87	77
40°	294	257	233	210	191	168	154	137	120	102	91
37.5°	406	339	304	269	239	207	184	164	143	123	107
35°	585	488	402	347	302	257	221	194	170	147	125
32.5°	829	682	545	452	371	310	264	229	195	169	146
30°	1224	948	730	578	466	372	305	260	220	189	166
27.5°	1832	1323	1004	745	578	456	361	293	245	209	183
25°	2590	1908	1380	1005	728	556	429	338	274	229	202
22.5°	3545	2728	1994	1314	962	717	527	385	306	261	225
20°	4722	3670	2752	1952	1314	905	647	466	362	299	251
17.5°	5880	4797	3572	2616	1807	1228	818	569	417	338	278
15°	7052	5775	4477	3357	2323	1499	972	668	479	381	309
12.5°	7947	6620	5175	3950	2734	1786	1166	795	558	417	332
10°	8673	7298	5788	4416	3145	2081	1340	890	614	446	351
7.5°	9236	7783	6263	4815	3478	2326	1481	965	658	472	366
5°	9684	8201	6646	5143	3738	2508	1589	1022	691	493	378
2.5°	10024	8510	6905	5358	3914	2634	1671	1070	718	514	390
0°	10208	8621	7127	5493	4028	2723	1726	1107	736	530	398
-2.5°	10238	8671	7101	5444	4023	2691	1713	1100	739	536	404
-5°	9966	8471	6899	5305	3889	2615	1679	1077	733	535	406
-7.5°	9669	8146	6572	5039	3661	2485	1611	1041	721	530	405
-10°	9219	7712	6213	4702	3369	2293	1497	985	697	517	400
-12.5°	8570	7144	5744	4225	3013	2034	1340	914	661	497	391
-15°	7771	6453	5075	3752	2644	1764	1179	826	614	471	378
-17.5°	6940	5655	4347	3186	2215	1528	1064	762	572	446	363
-20°	6020	4789	3646	2623	1808	1263	918	686	532	426	352

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REPORT NUMBER: P627066 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	4966	3958	2950	2031	1475	1081	803	611	487	400	338
-25°	3970	3121	2250	1653	1201	893	697	557	454	377	323
-27.5°	3003	2259	1751	1297	975	770	615	500	417	358	311
-30°	2151	1704	1326	1018	817	656	540	456	390	339	297
-32.5°	1542	1271	1001	828	679	569	486	416	365	322	286
-35°	1133	955	798	679	579	504	437	387	343	305	275
-37.5°	865	744	656	571	508	451	404	362	322	292	265
-40°	690	612	553	495	452	413	376	339	308	278	253
-42.5°	578	526	478	444	411	383	353	324	295	267	242
-45°	503	466	432	405	380	357	335	308	281	255	231
-47.5°	447	423	398	375	355	336	316	292	267	242	221
-50°	409	390	371	351	334	316	296	274	251	231	209
-52.5°	380	364	348	332	316	298	278	258	238	218	196
-55°	356	342	328	314	300	282	264	244	223	203	182
-57.5°	335	322	310	297	284	267	248	228	208	189	168
-60°	316	304	290	277	265	250	230	211	193	174	156
-62.5°	289	275	264	253	240	226	209	191	175	159	141
-65°	259	246	236	224	212	199	183	169	156	141	125
-67.5°	229	217	206	195	184	173	161	148	135	122	107
-70°	200	190	180	171	161	150	139	127	114	102	90
-72.5°	171	163	154	145	136	127	117	107	96	85	75
-75°	141	135	128	121	113	105	97	88	79	70	62
-77.5°	113	108	103	96	90	83	76	69	63	56	49
-80°	86	82	78	73	68	63	59	53	47	42	37
-82.5°	60	58	55	52	48	45	42	38	34	30	26
-85°	37	36	34	32	30	29	27	24	21	19	17
-87.5°	18	17	16	15	14	14	13	11	10	9	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627066 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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	0	1	1	0	0	0	0	0
65°	1	1	0	1	1	1	1	1	1	0	0
62.5°	1	2	1	1	1	2	2	1	1	1	0
60°	1	2	2	2	2	2	2	2	2	2	1
57.5°	3	2	2	2	2	2	2	2	2	2	2
55°	6	4	3	3	2	2	2	2	2	2	2
52.5°	15	8	5	4	3	2	2	2	2	2	2
50°	26	17	10	6	5	4	3	3	2	2	2
47.5°	38	28	18	10	7	5	4	3	2	2	2
45°	52	40	27	17	9	7	5	4	3	2	3
42.5°	68	53	39	24	16	11	6	4	3	2	3
40°	81	69	51	36	23	15	9	5	4	3	3
37.5°	95	83	66	47	31	21	14	6	5	4	3
35°	109	96	80	59	41	27	18	8	6	4	3
32.5°	123	108	91	72	51	33	24	13	8	5	3
30°	141	119	102	83	61	41	28	18	10	6	4
27.5°	158	130	112	93	71	50	34	22	12	7	4
25°	176	144	121	102	81	59	39	26	15	9	5
22.5°	193	160	130	110	90	67	46	30	18	11	6
20°	211	174	139	120	98	75	54	35	21	12	6
17.5°	231	190	154	130	106	83	60	40	24	14	7
15°	251	205	168	139	114	89	66	45	26	16	8
12.5°	269	220	180	149	122	95	72	49	28	18	10
10°	284	233	191	158	129	100	77	54	32	20	11
7.5°	297	244	201	167	136	106	81	57	36	21	13
5°	308	253	208	174	142	112	85	60	39	22	15
2.5°	317	260	213	179	146	118	88	62	43	23	16
0°	323	265	217	183	150	124	91	64	46	24	18
-2.5°	326	269	223	187	156	127	94	68	49	27	18
-5°	326	271	228	189	160	129	96	71	50	30	19
-7.5°	327	272	230	192	163	130	98	73	52	33	19
-10°	325	272	231	194	164	131	100	75	53	35	20
-12.5°	321	271	231	195	164	132	102	76	54	37	20
-15°	314	268	230	195	164	133	104	77	55	37	20
-17.5°	305	264	228	193	163	133	104	77	55	37	21
-20°	298	259	225	190	162	133	104	76	55	36	22

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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°	291	254	221	187	161	132	103	74	54	36	22
-25°	282	249	216	186	159	130	101	71	53	35	22
-27.5°	273	242	211	183	156	128	97	70	51	34	22
-30°	265	236	206	179	152	124	93	68	50	34	22
-32.5°	257	229	201	174	147	120	88	65	48	33	22
-35°	248	221	194	167	142	115	85	62	47	32	21
-37.5°	239	213	186	161	137	109	83	61	45	31	20
-40°	229	204	178	155	131	104	80	60	43	29	19
-42.5°	219	195	171	149	125	100	76	58	41	28	19
-45°	209	186	164	141	119	95	73	55	39	26	18
-47.5°	199	176	154	132	112	89	69	52	36	25	17
-50°	187	165	143	124	104	83	64	48	34	24	17
-52.5°	174	151	133	115	96	76	59	43	32	23	16
-55°	160	140	124	106	87	69	53	41	30	22	15
-57.5°	149	131	114	97	79	62	49	38	28	20	14
-60°	138	120	104	86	70	56	45	35	26	19	13
-62.5°	125	108	92	75	62	50	41	32	24	18	13
-65°	109	93	78	66	54	45	37	29	22	16	12
-67.5°	92	79	67	56	47	39	32	26	19	14	10
-70°	78	67	56	48	41	34	28	22	17	13	9
-72.5°	65	56	48	40	34	29	23	18	14	11	8
-75°	54	46	39	33	28	23	19	15	12	9	7
-77.5°	43	37	31	27	23	19	15	12	9	8	6
-80°	32	28	24	21	17	14	12	10	8	7	5
-82.5°	23	20	17	15	13	11	9	8	7	6	4
-85°	15	13	12	10	9	8	7	6	5	4	3
-87.5°	7	6	6	5	4	4	3	3	2	2	1
-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: P627066 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	0	1	1	0	0	0	0
62.5°	0	1	1	1	0	0	0
60°	0	1	1	1	0	0	0
57.5°	1	1	1	1	0	0	0
55°	1	1	1	1	0	0	0
52.5°	2	1	2	2	0	0	0
50°	2	1	2	2	1	0	0
47.5°	2	2	2	2	1	0	0
45°	2	2	2	2	1	0	0
42.5°	3	2	2	2	1	0	0
40°	3	2	2	2	1	0	0
37.5°	3	2	2	2	1	0	0
35°	3	2	2	2	1	0	0
32.5°	4	3	2	2	2	0	0
30°	4	3	2	2	2	0	0
27.5°	4	3	2	2	2	0	0
25°	4	3	2	2	2	0	0
22.5°	4	4	2	2	2	0	0
20°	4	4	2	2	2	0	0
17.5°	5	4	2	2	2	0	0
15°	5	4	2	2	2	0	0
12.5°	5	4	2	2	2	0	0
10°	5	4	2	2	2	0	0
7.5°	6	4	2	2	2	0	0
5°	6	4	2	2	2	0	0
2.5°	6	4	2	2	2	0	0
0°	7	4	2	2	2	0	0
-2.5°	8	5	2	2	2	0	0
-5°	9	5	3	2	2	0	0
-7.5°	10	5	3	2	2	0	0
-10°	11	5	3	2	2	0	0
-12.5°	12	5	3	2	2	0	0
-15°	12	5	3	2	2	0	0
-17.5°	12	6	3	2	2	0	0
-20°	13	6	3	2	2	0	0

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REPORT NUMBER: P627066 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)