

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: P626886 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-722-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626886 (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-SA2C-722-U-MWR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (32) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8100.5 lumens  
Efficiency: N/A  
Efficacy: 98.1 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 11348.7 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 5425.7 lumens  
Beam Efficiency: 67.0%

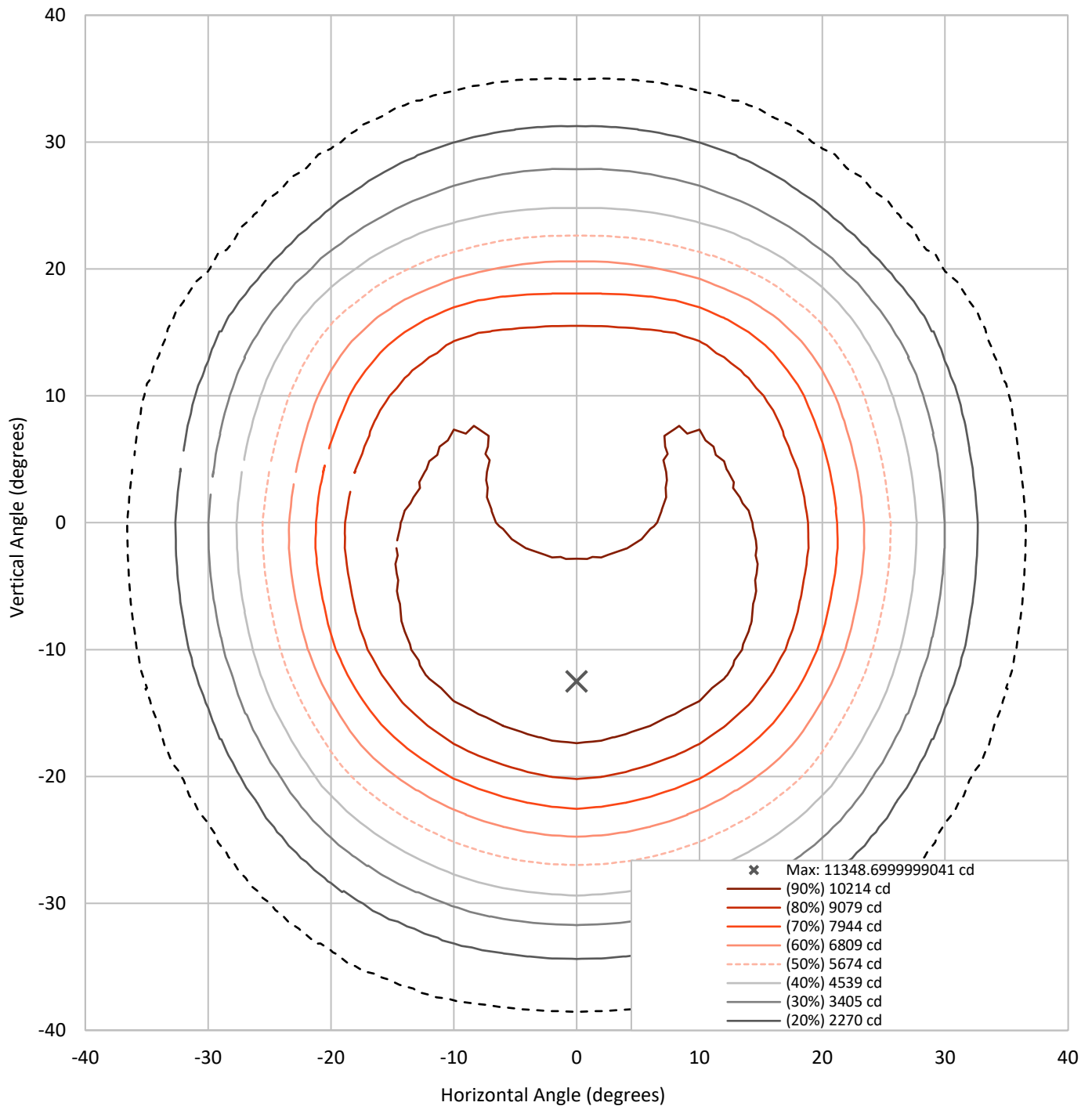
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 7305.2 lumens  
Field Efficiency: 90.2%

Input Watts (W): 82.6  
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: P626886 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Iso-Candela Plot





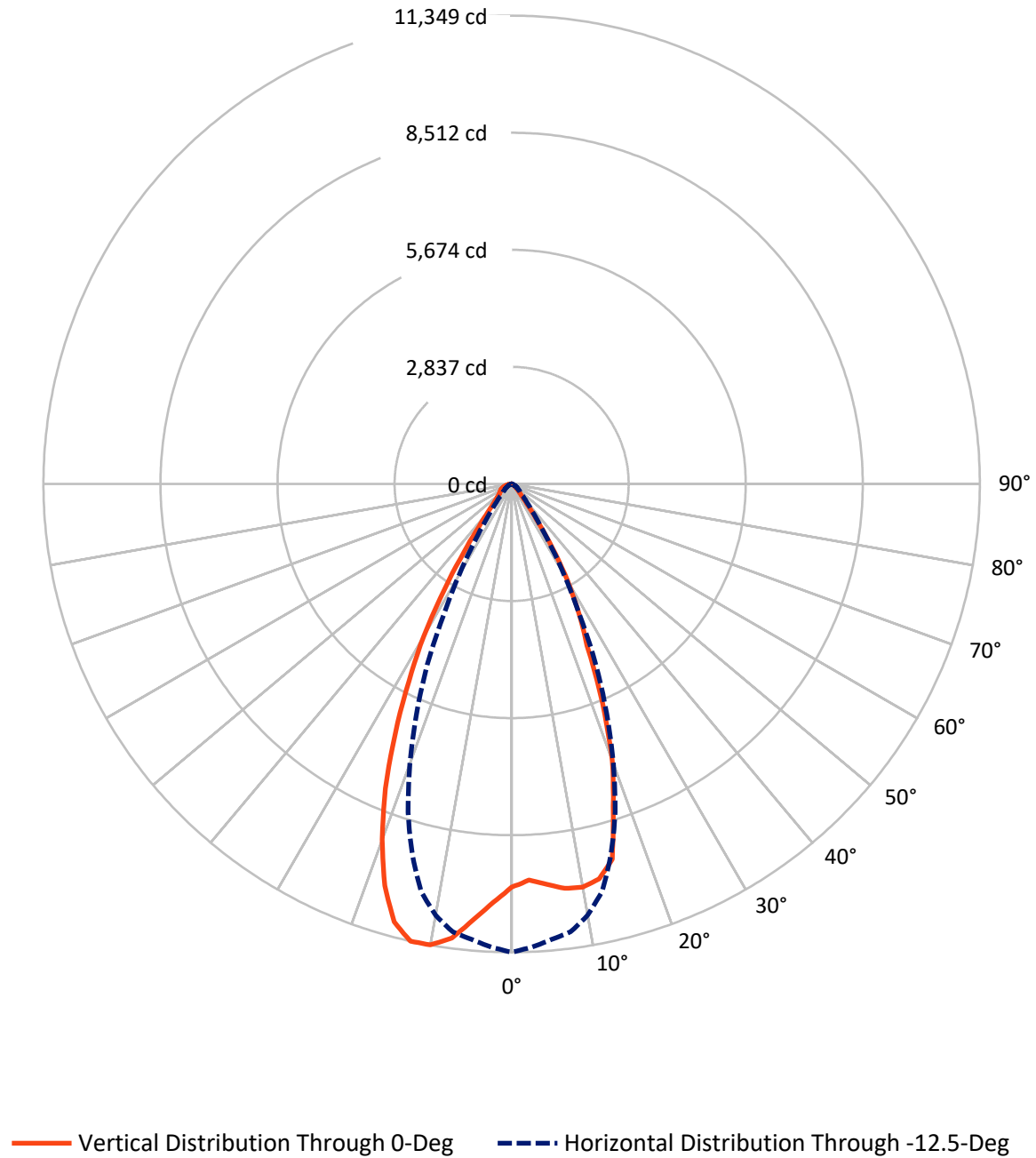
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### Lumen Table

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	0.0	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	0.7	1.1	1.5	1.8	1.8	1.5	1.1	0.7	0.3	0.1		0.0			
40	0.0	0.0	0.3	1.1	2.3	3.7	5.6	6.8	6.8	5.6	3.7	2.3	1.1	0.3	0.0				
30		0.1	0.9	2.3	4.9	10.5	23.9	36.5	36.5	23.9	10.5	4.9	2.3	0.9	0.1				
20	0.1	0.3	1.5	3.8	10.2	37.7	97.0	135.5	135.5	97.0	37.7	10.2	3.8	1.5	0.3				
10		0.5	2.1	5.8	24.2	104.6	218.2	270.1	270.1	218.2	104.6	24.2	5.8	2.1	0.5				
0	0.2	0.7	2.6	7.5	38.5	154.0	281.3	304.9	304.9	281.3	154.0	38.5	7.5	2.6	0.7				
-10		0.8	2.9	8.1	40.3	159.0	291.4	323.6	323.6	291.4	159.0	40.3	8.1	2.9	0.8				
-20	0.2	0.9	2.9	7.3	28.8	118.4	245.8	313.9	313.9	245.8	118.4	28.8	7.3	2.9	0.9				
-30		0.9	2.8	6.1	16.1	57.4	137.0	192.8	192.8	137.0	57.4	16.1	6.1	2.8	0.9				
-40	0.2	0.8	2.5	5.1	9.6	20.5	42.8	63.5	63.5	42.8	20.5	9.6	5.1	2.5	0.8				
-50		0.6	2.1	4.2	7.0	10.4	14.6	17.3	17.3	14.6	10.4	7.0	4.2	2.1	0.6				
-60	0.2	0.5	1.6	3.3	5.5	7.6	9.5	10.4	10.4	9.5	7.6	5.5	3.3	1.6	0.5				
-70		0.3	1.0	2.3	3.9	5.5	6.9	7.7	7.7	6.9	5.5	3.9	2.3	1.0	0.3				
-80	0.1	0.9	4.1	8.7	11.1	8.7	4.1	0.9	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

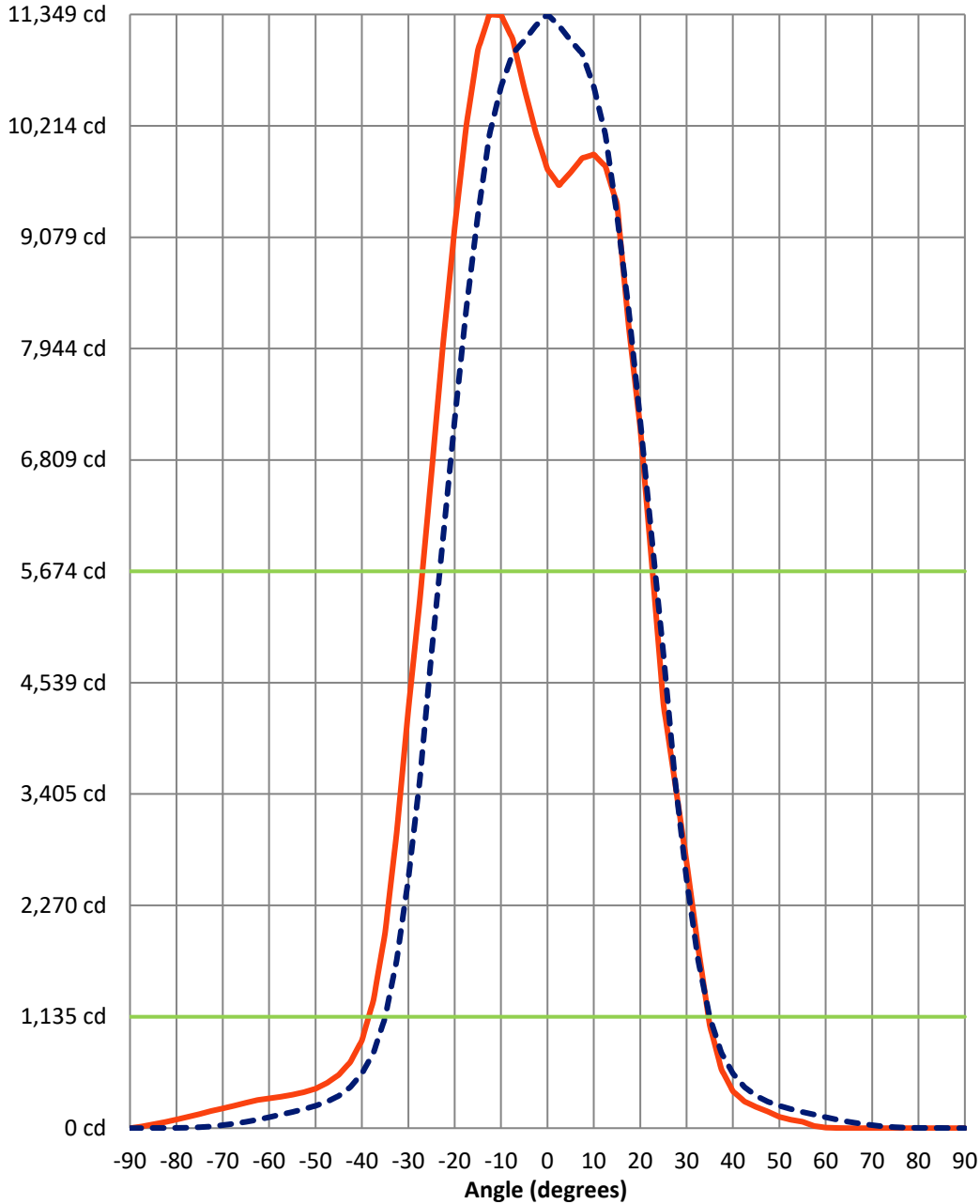
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 5425.7  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 7305.2  
 Efficiency: 90.2%

**Spill:**  
 Lumens: 795.3  
 Efficiency: 9.8%

- 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	1	1	2
57.5°	0	0	0	1	1	1	1	1	2	2	2
55°	0	0	0	1	1	1	1	2	2	2	2
52.5°	0	0	0	1	1	1	1	2	2	2	2
50°	0	0	1	2	1	1	2	2	2	2	2
47.5°	0	0	1	2	1	1	2	2	2	2	3
45°	0	0	1	2	1	2	2	2	2	2	3
42.5°	0	0	1	2	2	2	2	2	2	3	4
40°	0	0	1	2	2	2	2	3	2	3	4
37.5°	0	0	1	2	2	2	3	3	3	4	5
35°	0	0	1	2	2	2	3	3	4	5	7
32.5°	0	0	1	2	2	2	3	3	4	7	11
30°	0	0	1	2	2	2	3	3	5	8	15
27.5°	0	0	1	2	2	3	3	4	6	10	18
25°	0	0	2	2	2	3	3	4	7	13	22
22.5°	0	0	2	2	2	3	4	5	9	15	25
20°	0	0	2	2	2	3	4	5	10	18	29
17.5°	0	0	2	2	2	3	4	6	12	20	34
15°	0	0	2	2	2	3	4	7	14	22	38
12.5°	0	0	2	2	2	3	4	8	15	24	42
10°	0	0	2	2	2	4	5	10	17	27	45
7.5°	0	0	2	2	2	4	5	11	18	30	48
5°	0	0	2	2	2	4	5	12	19	33	51
2.5°	0	0	2	2	2	4	5	14	20	36	53
0°	0	0	2	2	2	4	6	15	20	39	54
-2.5°	0	0	2	2	2	4	7	15	23	41	57
-5°	0	0	2	2	2	4	8	16	26	42	59
-7.5°	0	0	2	2	2	4	8	16	28	44	61
-10°	0	0	2	2	2	4	9	16	30	45	63
-12.5°	0	0	2	2	3	5	10	17	31	46	64
-15°	0	0	2	2	3	5	10	17	31	46	65
-17.5°	0	0	2	2	3	5	10	17	31	46	65
-20°	0	0	2	2	3	5	11	18	31	46	64

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REPORT NUMBER: P626886 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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	5	11	19	30	45	62
-25°	0	0	2	2	3	5	11	19	30	44	60
-27.5°	0	0	2	2	3	5	11	19	29	43	59
-30°	0	0	2	2	3	6	10	19	28	42	57
-32.5°	0	0	2	2	3	6	10	18	28	41	55
-35°	0	0	2	2	3	6	10	18	27	39	52
-37.5°	0	0	2	2	3	6	10	17	26	38	51
-40°	0	0	2	2	3	6	10	16	25	37	50
-42.5°	0	0	2	2	3	6	10	16	23	35	49
-45°	0	0	2	2	3	6	10	15	22	33	46
-47.5°	0	0	2	2	3	6	10	15	21	30	43
-50°	0	0	2	2	3	6	9	14	20	29	40
-52.5°	0	0	2	2	3	6	9	13	19	27	37
-55°	0	0	2	2	3	6	9	12	18	26	34
-57.5°	0	0	2	2	3	5	8	12	17	24	32
-60°	0	0	2	2	3	5	8	11	16	22	29
-62.5°	0	0	2	2	3	5	7	11	15	20	27
-65°	0	0	1	2	3	4	7	10	14	18	24
-67.5°	0	0	1	2	3	4	6	9	12	16	22
-70°	0	0	1	2	3	4	5	8	11	14	19
-72.5°	0	0	1	2	3	4	5	7	9	12	15
-75°	0	0	1	2	3	4	5	6	7	10	13
-77.5°	0	0	1	2	2	3	4	5	6	8	10
-80°	0	0	1	1	2	3	4	5	6	7	8
-82.5°	0	0	0	1	1	2	3	4	5	6	7
-85°	0	0	0	1	1	1	2	3	3	4	5
-87.5°	0	0	0	0	0	1	1	1	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA2C-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	0	0	0	1	1	0	0	0
62.5°	2	1	1	1	1	1	1	1	0	0	1
60°	2	2	1	2	2	2	1	1	2	2	4
57.5°	2	2	2	2	2	2	2	3	7	11	12
55°	2	2	2	3	3	3	5	10	16	19	21
52.5°	2	2	3	3	4	7	13	19	24	28	33
50°	2	3	4	5	8	14	22	28	35	41	48
47.5°	3	4	6	8	15	23	32	40	48	56	67
45°	4	6	8	14	23	33	44	54	61	71	80
42.5°	5	9	14	21	33	45	57	65	74	84	96
40°	8	13	20	30	43	58	68	77	86	101	116
37.5°	11	18	26	39	55	70	80	90	104	121	138
35°	16	23	35	50	67	80	92	105	123	143	164
32.5°	20	27	43	60	77	91	104	123	142	164	192
30°	24	35	51	70	86	100	119	140	159	186	219
27.5°	28	42	60	78	94	110	133	154	176	206	246
25°	33	49	68	86	102	122	148	170	192	231	285
22.5°	39	56	76	93	110	134	162	190	219	258	324
20°	45	63	83	101	117	146	178	211	252	305	392
17.5°	51	69	89	109	130	160	195	234	284	351	479
15°	56	75	96	117	141	173	212	260	321	403	562
12.5°	61	80	103	125	152	185	226	279	351	469	670
10°	65	84	109	133	161	196	239	295	375	517	749
7.5°	68	89	114	141	169	205	250	308	397	554	812
5°	71	94	119	146	175	213	259	318	415	582	860
2.5°	74	100	123	151	179	219	266	328	433	604	901
0°	76	104	126	154	182	223	272	335	447	620	932
-2.5°	79	107	131	157	188	226	274	340	451	622	926
-5°	81	108	135	159	192	228	275	342	450	617	907
-7.5°	83	109	137	161	194	229	275	341	446	607	876
-10°	84	110	138	163	194	229	274	337	435	587	829
-12.5°	86	112	138	164	194	228	270	329	418	557	769
-15°	87	112	138	164	193	225	264	318	396	517	695
-17.5°	88	112	138	163	192	222	256	306	376	482	642
-20°	88	112	137	160	190	218	251	296	359	448	577

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CATALOG NUMBER: GFLD-SA2C-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°	87	111	136	158	186	214	245	284	337	410	514
-25°	85	110	134	156	182	209	237	272	317	382	469
-27.5°	82	108	131	154	177	204	230	261	301	351	421
-30°	78	104	128	151	174	198	223	250	285	328	384
-32.5°	74	101	124	146	169	193	216	241	271	307	351
-35°	71	96	120	141	163	186	209	232	256	288	326
-37.5°	69	92	115	135	157	179	201	223	245	271	305
-40°	67	87	110	131	150	172	193	213	234	260	286
-42.5°	64	84	105	126	144	164	184	204	225	248	273
-45°	62	80	100	119	138	156	176	194	215	237	260
-47.5°	58	75	95	112	130	148	167	186	204	224	246
-50°	54	70	88	104	120	139	157	176	194	211	231
-52.5°	50	64	81	97	112	127	146	165	183	200	217
-55°	45	58	74	89	104	118	134	153	171	188	205
-57.5°	41	53	66	81	96	110	125	142	159	175	192
-60°	38	47	59	73	87	101	116	131	147	163	178
-62.5°	34	42	52	63	77	91	105	119	134	147	161
-65°	31	38	46	55	66	79	92	106	119	131	143
-67.5°	27	33	40	47	56	67	78	90	102	114	125
-70°	24	29	34	40	47	56	66	76	86	96	107
-72.5°	20	24	29	34	40	47	55	63	72	81	90
-75°	16	20	24	28	33	39	45	52	59	66	74
-77.5°	13	16	19	22	26	31	36	41	47	53	58
-80°	10	12	15	17	20	24	27	31	35	40	44
-82.5°	8	9	11	13	15	17	19	22	25	28	32
-85°	6	6	7	8	10	11	12	14	16	18	20
-87.5°	3	3	4	4	5	5	6	7	8	9	10
-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	0	0	1	1	1	1	2
60°	5	4	5	6	6	4	7	8	7	6	6
57.5°	13	14	16	19	21	22	24	26	27	28	29
55°	24	29	34	36	40	46	51	52	53	54	57
52.5°	38	44	46	51	59	64	66	71	75	80	84
50°	56	60	66	73	81	85	87	95	104	112	116
47.5°	73	79	89	102	109	114	122	132	142	153	161
45°	89	101	114	125	133	143	153	165	182	197	208
42.5°	108	120	133	147	156	172	190	205	228	248	261
40°	129	142	161	177	196	216	248	277	306	340	365
37.5°	155	175	201	227	256	286	342	399	446	512	549
35°	186	216	254	292	339	410	493	604	719	815	908
32.5°	222	261	312	381	459	574	698	902	1101	1300	1495
30°	257	313	393	487	615	798	1030	1346	1688	1988	2259
27.5°	304	384	487	627	846	1114	1542	1981	2417	2806	3085
25°	361	468	613	846	1161	1606	2180	2718	3229	3611	3932
22.5°	443	603	810	1106	1678	2296	2984	3661	4235	4715	5032
20°	545	761	1106	1643	2317	3090	3975	4686	5393	5934	6417
17.5°	688	1034	1521	2202	3007	4038	4949	5743	6641	7194	7686
15°	818	1261	1956	2826	3768	4861	5936	6908	7775	8382	8933
12.5°	981	1504	2302	3325	4356	5573	6690	7730	8580	9205	9590
10°	1128	1752	2647	3717	4872	6143	7300	8384	9206	9689	9973
7.5°	1246	1958	2927	4053	5272	6551	7774	8849	9636	10041	10234
5°	1338	2111	3147	4329	5595	6904	8152	9204	9867	10201	10309
2.5°	1407	2218	3294	4510	5812	7164	8438	9475	10041	10282	10318
0°	1453	2292	3390	4624	5999	7257	8593	9646	10184	10377	10396
-2.5°	1442	2265	3386	4583	5978	7299	8618	9657	10233	10493	10535
-5°	1413	2202	3274	4465	5808	7131	8389	9486	10192	10585	10759
-7.5°	1356	2091	3082	4241	5532	6857	8139	9278	10091	10643	10983
-10°	1260	1931	2836	3958	5230	6492	7760	8942	9817	10482	10956
-12.5°	1128	1712	2537	3556	4835	6013	7214	8346	9302	10122	10612
-15°	992	1485	2225	3158	4272	5432	6541	7652	8595	9362	9973
-17.5°	896	1286	1865	2681	3659	4760	5842	6863	7714	8435	9075
-20°	773	1063	1521	2208	3069	4031	5068	5976	6736	7412	8024

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Scaled Data Report



REPORT NUMBER: P626886 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	676	910	1241	1710	2483	3332	4180	5016	5730	6332	6855
-25°	587	752	1011	1392	1894	2627	3342	4048	4708	5267	5738
-27.5°	517	648	821	1092	1474	1902	2528	3118	3685	4197	4640
-30°	454	552	687	857	1117	1434	1811	2252	2704	3108	3512
-32.5°	409	479	571	697	843	1070	1298	1595	1881	2176	2465
-35°	368	424	487	572	671	804	954	1135	1289	1481	1659
-37.5°	340	380	428	481	552	626	728	838	933	1040	1131
-40°	317	348	381	417	465	515	581	643	703	769	817
-42.5°	298	322	346	374	403	443	487	525	562	600	632
-45°	282	301	320	341	363	392	423	452	476	498	515
-47.5°	266	282	299	316	335	356	376	395	414	431	443
-50°	250	266	281	296	312	328	345	359	373	386	394
-52.5°	234	251	266	279	293	306	320	333	345	356	361
-55°	222	238	253	265	276	288	300	312	324	334	338
-57.5°	209	225	239	250	261	271	282	294	305	315	318
-60°	194	210	223	233	244	256	266	277	287	295	299
-62.5°	176	191	202	213	222	232	243	254	265	273	279
-65°	154	167	179	189	198	207	218	228	238	245	251
-67.5°	136	146	155	164	173	183	192	202	211	218	222
-70°	117	126	135	144	152	160	168	176	184	190	194
-72.5°	99	107	115	122	130	137	144	151	157	162	167
-75°	82	89	95	102	108	114	119	124	129	134	138
-77.5°	64	70	76	81	86	91	95	99	103	107	110
-80°	49	53	57	62	66	69	72	75	78	81	84
-82.5°	35	38	41	43	46	49	51	53	55	57	59
-85°	22	24	25	27	28	30	31	33	34	35	37
-87.5°	11	11	12	13	13	14	15	15	16	17	17
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626886 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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	1	1	1
60°	6	6	6	6	6	6	6	6	6	7	8
57.5°	28	26	24	22	24	26	28	29	28	27	26
55°	61	64	66	65	66	64	61	57	54	53	52
52.5°	86	88	88	86	88	88	86	84	80	75	71
50°	118	118	117	115	117	118	118	116	112	104	95
47.5°	166	168	170	169	170	168	166	161	153	142	132
45°	213	215	216	216	216	215	213	208	197	182	165
42.5°	268	272	273	272	273	272	268	261	248	228	205
40°	379	384	382	376	382	384	379	365	340	306	277
37.5°	574	593	601	601	601	593	574	549	512	446	399
35°	991	1057	1088	1050	1088	1057	991	908	815	719	604
32.5°	1655	1772	1838	1838	1838	1772	1655	1495	1300	1101	902
30°	2464	2611	2694	2711	2694	2611	2464	2259	1988	1688	1346
27.5°	3303	3455	3534	3522	3534	3455	3303	3085	2806	2417	1981
25°	4145	4260	4326	4328	4326	4260	4145	3932	3611	3229	2718
22.5°	5388	5631	5730	5757	5730	5631	5388	5032	4715	4235	3661
20°	6744	6979	7131	7140	7131	6979	6744	6417	5934	5393	4686
17.5°	8036	8152	8174	8184	8174	8152	8036	7686	7194	6641	5743
15°	9253	9294	9402	9415	9402	9294	9253	8933	8382	7775	6908
12.5°	9832	9869	9851	9801	9851	9869	9832	9590	9205	8580	7730
10°	10147	10094	10016	9922	10016	10094	10147	9973	9689	9206	8384
7.5°	10218	10160	10021	9884	10021	10160	10218	10234	10041	9636	8849
5°	10252	10080	9906	9739	9906	10080	10252	10309	10201	9867	9204
2.5°	10232	10028	9788	9609	9788	10028	10232	10318	10282	10041	9475
0°	10297	10091	9840	9773	9840	10091	10297	10396	10377	10184	9646
-2.5°	10479	10312	10181	10145	10181	10312	10479	10535	10493	10233	9657
-5°	10806	10769	10547	10599	10547	10769	10806	10759	10585	10192	9486
-7.5°	11122	11070	10975	11097	10975	11070	11122	10983	10643	10091	9278
-10°	11206	11189	11233	11341	11233	11189	11206	10956	10482	9817	8942
-12.5°	10949	11084	11235	11349	11235	11084	10949	10612	10122	9302	8346
-15°	10375	10651	10877	10984	10877	10651	10375	9973	9362	8595	7652
-17.5°	9529	9867	10135	10212	10135	9867	9529	9075	8435	7714	6863
-20°	8488	8832	9076	9173	9076	8832	8488	8024	7412	6736	5976

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REPORT NUMBER: P626886 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	7317	7653	7874	7990	7874	7653	7317	6855	6332	5730	5016
-25°	6128	6423	6619	6671	6619	6423	6128	5738	5267	4708	4048
-27.5°	4991	5228	5373	5389	5373	5228	4991	4640	4197	3685	3118
-30°	3847	4068	4193	4259	4193	4068	3847	3512	3108	2704	2252
-32.5°	2702	2877	2983	3011	2983	2877	2702	2465	2176	1881	1595
-35°	1801	1910	1977	1991	1977	1910	1801	1659	1481	1289	1135
-37.5°	1204	1258	1290	1306	1290	1258	1204	1131	1040	933	838
-40°	853	878	892	895	892	878	853	817	769	703	643
-42.5°	653	665	672	674	672	665	653	632	600	562	525
-45°	527	536	542	543	542	536	527	515	498	476	452
-47.5°	451	457	460	462	460	457	451	443	431	414	395
-50°	398	401	402	402	402	401	398	394	386	373	359
-52.5°	364	367	367	367	367	367	364	361	356	345	333
-55°	340	341	341	341	341	341	340	338	334	324	312
-57.5°	321	323	322	320	322	323	321	318	315	305	294
-60°	302	304	304	303	304	304	302	299	295	287	277
-62.5°	283	287	287	287	287	287	283	279	273	265	254
-65°	256	261	260	259	260	261	256	251	245	238	228
-67.5°	226	229	230	229	230	229	226	222	218	211	202
-70°	198	202	202	201	202	202	198	194	190	184	176
-72.5°	170	174	175	175	175	174	170	167	162	157	151
-75°	141	144	144	143	144	144	141	138	134	129	124
-77.5°	114	117	116	115	116	117	114	110	107	103	99
-80°	86	89	88	88	88	89	86	84	81	78	75
-82.5°	61	63	62	61	62	63	61	59	57	55	53
-85°	38	39	39	39	39	39	38	37	35	34	33
-87.5°	18	19	18	17	18	19	18	17	17	16	15
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626886 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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	0	1	1	1	1	1	0	0	1
60°	7	4	6	6	5	4	5	4	2	2	1
57.5°	24	22	21	19	16	14	13	12	11	7	3
55°	51	46	40	36	34	29	24	21	19	16	10
52.5°	66	64	59	51	46	44	38	33	28	24	19
50°	87	85	81	73	66	60	56	48	41	35	28
47.5°	122	114	109	102	89	79	73	67	56	48	40
45°	153	143	133	125	114	101	89	80	71	61	54
42.5°	190	172	156	147	133	120	108	96	84	74	65
40°	248	216	196	177	161	142	129	116	101	86	77
37.5°	342	286	256	227	201	175	155	138	121	104	90
35°	493	410	339	292	254	216	186	164	143	123	105
32.5°	698	574	459	381	312	261	222	192	164	142	123
30°	1030	798	615	487	393	313	257	219	186	159	140
27.5°	1542	1114	846	627	487	384	304	246	206	176	154
25°	2180	1606	1161	846	613	468	361	285	231	192	170
22.5°	2984	2296	1678	1106	810	603	443	324	258	219	190
20°	3975	3090	2317	1643	1106	761	545	392	305	252	211
17.5°	4949	4038	3007	2202	1521	1034	688	479	351	284	234
15°	5936	4861	3768	2826	1956	1261	818	562	403	321	260
12.5°	6690	5573	4356	3325	2302	1504	981	670	469	351	279
10°	7300	6143	4872	3717	2647	1752	1128	749	517	375	295
7.5°	7774	6551	5272	4053	2927	1958	1246	812	554	397	308
5°	8152	6904	5595	4329	3147	2111	1338	860	582	415	318
2.5°	8438	7164	5812	4510	3294	2218	1407	901	604	433	328
0°	8593	7257	5999	4624	3390	2292	1453	932	620	447	335
-2.5°	8618	7299	5978	4583	3386	2265	1442	926	622	451	340
-5°	8389	7131	5808	4465	3274	2202	1413	907	617	450	342
-7.5°	8139	6857	5532	4241	3082	2091	1356	876	607	446	341
-10°	7760	6492	5230	3958	2836	1931	1260	829	587	435	337
-12.5°	7214	6013	4835	3556	2537	1712	1128	769	557	418	329
-15°	6541	5432	4272	3158	2225	1485	992	695	517	396	318
-17.5°	5842	4760	3659	2681	1865	1286	896	642	482	376	306
-20°	5068	4031	3069	2208	1521	1063	773	577	448	359	296

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CATALOG NUMBER: GFLD-SA2C-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°	4180	3332	2483	1710	1241	910	676	514	410	337	284
-25°	3342	2627	1894	1392	1011	752	587	469	382	317	272
-27.5°	2528	1902	1474	1092	821	648	517	421	351	301	261
-30°	1811	1434	1117	857	687	552	454	384	328	285	250
-32.5°	1298	1070	843	697	571	479	409	351	307	271	241
-35°	954	804	671	572	487	424	368	326	288	256	232
-37.5°	728	626	552	481	428	380	340	305	271	245	223
-40°	581	515	465	417	381	348	317	286	260	234	213
-42.5°	487	443	403	374	346	322	298	273	248	225	204
-45°	423	392	363	341	320	301	282	260	237	215	194
-47.5°	376	356	335	316	299	282	266	246	224	204	186
-50°	345	328	312	296	281	266	250	231	211	194	176
-52.5°	320	306	293	279	266	251	234	217	200	183	165
-55°	300	288	276	265	253	238	222	205	188	171	153
-57.5°	282	271	261	250	239	225	209	192	175	159	142
-60°	266	256	244	233	223	210	194	178	163	147	131
-62.5°	243	232	222	213	202	191	176	161	147	134	119
-65°	218	207	198	189	179	167	154	143	131	119	106
-67.5°	192	183	173	164	155	146	136	125	114	102	90
-70°	168	160	152	144	135	126	117	107	96	86	76
-72.5°	144	137	130	122	115	107	99	90	81	72	63
-75°	119	114	108	102	95	89	82	74	66	59	52
-77.5°	95	91	86	81	76	70	64	58	53	47	41
-80°	72	69	66	62	57	53	49	44	40	35	31
-82.5°	51	49	46	43	41	38	35	32	28	25	22
-85°	31	30	28	27	25	24	22	20	18	16	14
-87.5°	15	14	13	13	12	11	11	10	9	8	7
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P626886 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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	0	0	0	1	1	1	1	1	0	0
62.5°	1	1	1	1	1	1	2	1	1	1	0
60°	1	2	2	2	1	2	2	2	1	1	1
57.5°	2	2	2	2	2	2	2	2	2	2	1
55°	5	3	3	3	2	2	2	2	2	2	2
52.5°	13	7	4	3	3	2	2	2	2	2	2
50°	22	14	8	5	4	3	2	2	2	2	2
47.5°	32	23	15	8	6	4	3	3	2	2	2
45°	44	33	23	14	8	6	4	3	2	2	2
42.5°	57	45	33	21	14	9	5	4	3	2	2
40°	68	58	43	30	20	13	8	4	3	2	3
37.5°	80	70	55	39	26	18	11	5	4	3	3
35°	92	80	67	50	35	23	16	7	5	4	3
32.5°	104	91	77	60	43	27	20	11	7	4	3
30°	119	100	86	70	51	35	24	15	8	5	3
27.5°	133	110	94	78	60	42	28	18	10	6	4
25°	148	122	102	86	68	49	33	22	13	7	4
22.5°	162	134	110	93	76	56	39	25	15	9	5
20°	178	146	117	101	83	63	45	29	18	10	5
17.5°	195	160	130	109	89	69	51	34	20	12	6
15°	212	173	141	117	96	75	56	38	22	14	7
12.5°	226	185	152	125	103	80	61	42	24	15	8
10°	239	196	161	133	109	84	65	45	27	17	10
7.5°	250	205	169	141	114	89	68	48	30	18	11
5°	259	213	175	146	119	94	71	51	33	19	12
2.5°	266	219	179	151	123	100	74	53	36	20	14
0°	272	223	182	154	126	104	76	54	39	20	15
-2.5°	274	226	188	157	131	107	79	57	41	23	15
-5°	275	228	192	159	135	108	81	59	42	26	16
-7.5°	275	229	194	161	137	109	83	61	44	28	16
-10°	274	229	194	163	138	110	84	63	45	30	16
-12.5°	270	228	194	164	138	112	86	64	46	31	17
-15°	264	225	193	164	138	112	87	65	46	31	17
-17.5°	256	222	192	163	138	112	88	65	46	31	17
-20°	251	218	190	160	137	112	88	64	46	31	18

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REPORT NUMBER: P626886 (CONVERTED FROM TYPE C PHOTOMETRY)

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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°	245	214	186	158	136	111	87	62	45	30	19
-25°	237	209	182	156	134	110	85	60	44	30	19
-27.5°	230	204	177	154	131	108	82	59	43	29	19
-30°	223	198	174	151	128	104	78	57	42	28	19
-32.5°	216	193	169	146	124	101	74	55	41	28	18
-35°	209	186	163	141	120	96	71	52	39	27	18
-37.5°	201	179	157	135	115	92	69	51	38	26	17
-40°	193	172	150	131	110	87	67	50	37	25	16
-42.5°	184	164	144	126	105	84	64	49	35	23	16
-45°	176	156	138	119	100	80	62	46	33	22	15
-47.5°	167	148	130	112	95	75	58	43	30	21	15
-50°	157	139	120	104	88	70	54	40	29	20	14
-52.5°	146	127	112	97	81	64	50	37	27	19	13
-55°	134	118	104	89	74	58	45	34	26	18	12
-57.5°	125	110	96	81	66	53	41	32	24	17	12
-60°	116	101	87	73	59	47	38	29	22	16	11
-62.5°	105	91	77	63	52	42	34	27	20	15	11
-65°	92	79	66	55	46	38	31	24	18	14	10
-67.5°	78	67	56	47	40	33	27	22	16	12	9
-70°	66	56	47	40	34	29	24	19	14	11	8
-72.5°	55	47	40	34	29	24	20	15	12	9	7
-75°	45	39	33	28	24	20	16	13	10	7	6
-77.5°	36	31	26	22	19	16	13	10	8	6	5
-80°	27	24	20	17	15	12	10	8	7	6	5
-82.5°	19	17	15	13	11	9	8	7	6	5	4
-85°	12	11	10	8	7	6	6	5	4	3	3
-87.5°	6	5	5	4	4	3	3	2	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: P626886 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	1	1	1	1	0	0	0
50°	2	1	1	2	1	0	0
47.5°	2	1	1	2	1	0	0
45°	2	2	1	2	1	0	0
42.5°	2	2	2	2	1	0	0
40°	2	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°	3	2	2	2	1	0	0
30°	3	2	2	2	1	0	0
27.5°	3	3	2	2	1	0	0
25°	3	3	2	2	2	0	0
22.5°	4	3	2	2	2	0	0
20°	4	3	2	2	2	0	0
17.5°	4	3	2	2	2	0	0
15°	4	3	2	2	2	0	0
12.5°	4	3	2	2	2	0	0
10°	5	4	2	2	2	0	0
7.5°	5	4	2	2	2	0	0
5°	5	4	2	2	2	0	0
2.5°	5	4	2	2	2	0	0
0°	6	4	2	2	2	0	0
-2.5°	7	4	2	2	2	0	0
-5°	8	4	2	2	2	0	0
-7.5°	8	4	2	2	2	0	0
-10°	9	4	2	2	2	0	0
-12.5°	10	5	3	2	2	0	0
-15°	10	5	3	2	2	0	0
-17.5°	10	5	3	2	2	0	0
-20°	11	5	3	2	2	0	0

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CATALOG NUMBER: GFLD-SA2C-722-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)