

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: P626816 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-750-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626816 (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-SA1E-750-U-MWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7287.7 lumens
Efficiency: N/A
Efficacy: 110.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 10209.9 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 4881.3 lumens
Beam Efficiency: 67.0%

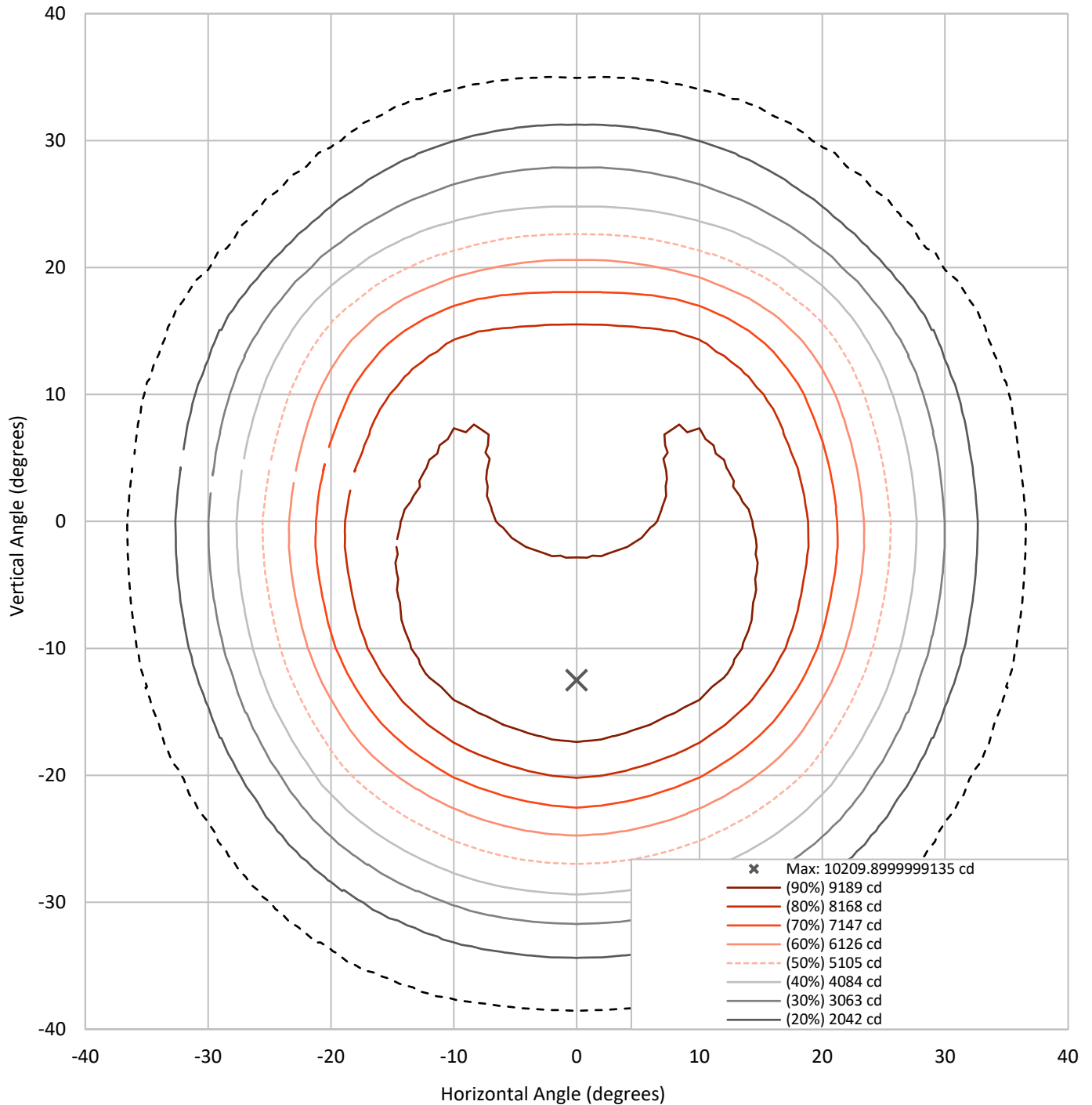
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 6568.7 lumens
Field Efficiency: 90.1%

Input Watts (W): 66.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P626816 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-750-U-MWR-VSR-XX

Iso-Candela Plot





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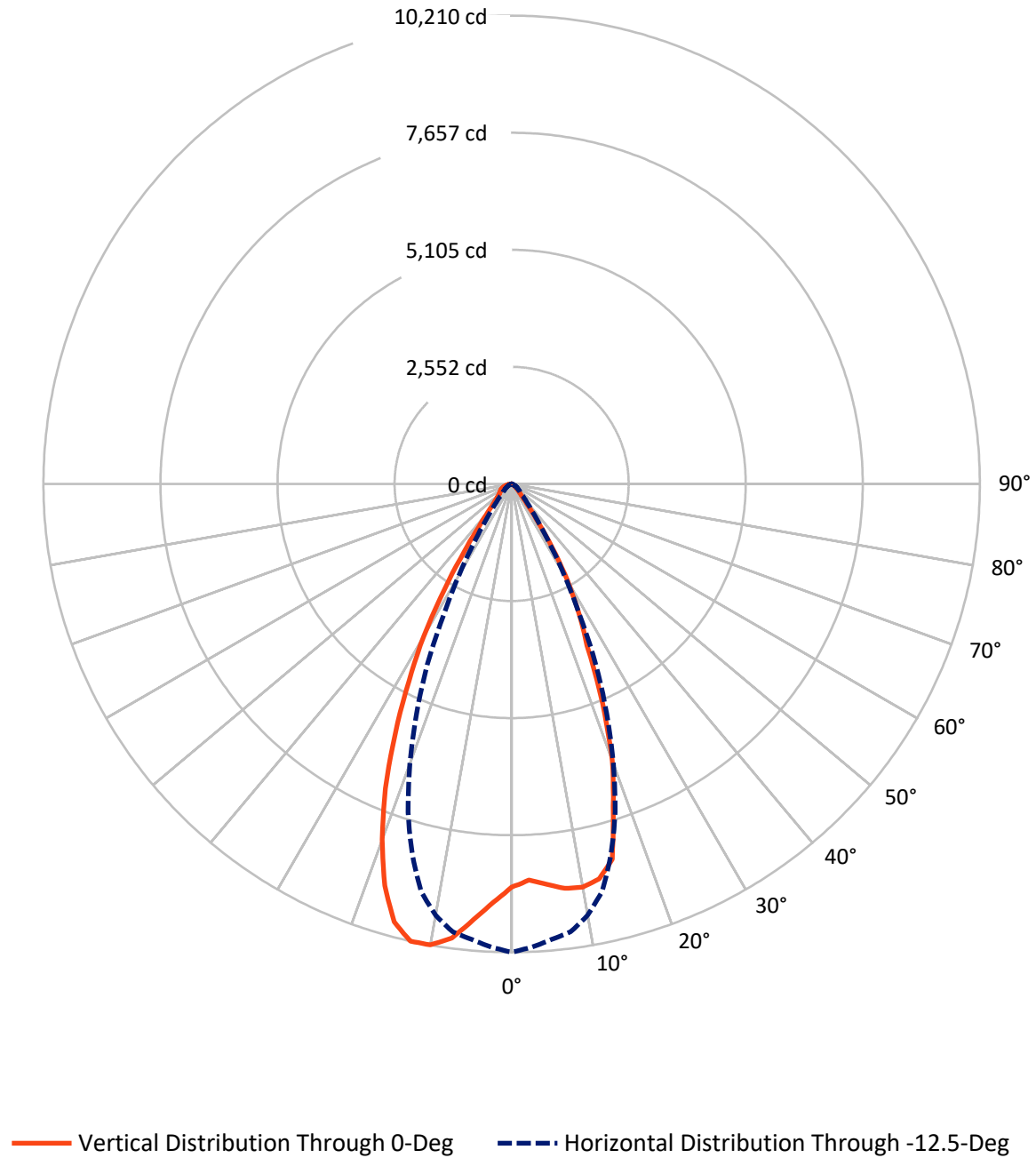
CATALOG NUMBER: GFLD-SA1E-750-U-MWR-VSR-XX

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	0.0	0.2	0.6	1.0	1.4	1.6	1.6	1.4	1.0	0.6	0.2	0.0		0.0			
40	0.0	0.0	0.3	1.0	2.0	3.3	5.0	6.1	6.1	5.0	3.3	2.0	1.0	0.3	0.0				
30		0.1	0.8	2.1	4.4	9.5	21.5	32.9	32.9	21.5	9.5	4.4	2.1	0.8		0.1			
20	0.1	0.3	1.4	3.4	9.1	33.9	87.2	121.9	121.9	87.2	33.9	9.1	3.4	1.4	0.1				
10		0.5	1.9	5.3	21.8	94.1	196.3	243.0	243.0	196.3	94.1	21.8	5.3	1.9		0.5			
0	0.2	0.6	2.4	6.8	34.7	138.5	253.0	274.3	274.3	253.0	138.5	34.7	6.8	2.4	0.2				
-10		0.7	2.6	7.3	36.3	143.1	262.2	291.2	291.2	262.2	143.1	36.3	7.3	2.6		0.7			
-20	0.2	0.8	2.6	6.6	25.9	106.5	221.2	282.4	282.4	221.2	106.5	25.9	6.6	2.6	0.2				
-30		0.8	2.5	5.5	14.5	51.7	123.2	173.4	173.4	123.2	51.7	14.5	5.5	2.5		0.8			
-40	0.2	0.7	2.2	4.6	8.7	18.4	38.5	57.1	57.1	38.5	18.4	8.7	4.6	2.2	0.2				
-50		0.6	1.9	3.8	6.3	9.3	13.1	15.6	15.6	13.1	9.3	6.3	3.8	1.9		0.6			
-60	0.1	0.4	1.4	3.0	5.0	6.9	8.6	9.4	9.4	8.6	6.9	5.0	3.0	1.4	0.1				
-70		0.3	0.9	2.0	3.5	4.9	6.2	7.0	7.0	6.2	4.9	3.5	2.0	0.9		0.3			
-80	0.1	0.8	3.7	7.8	10.0	7.8	3.7	0.8	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

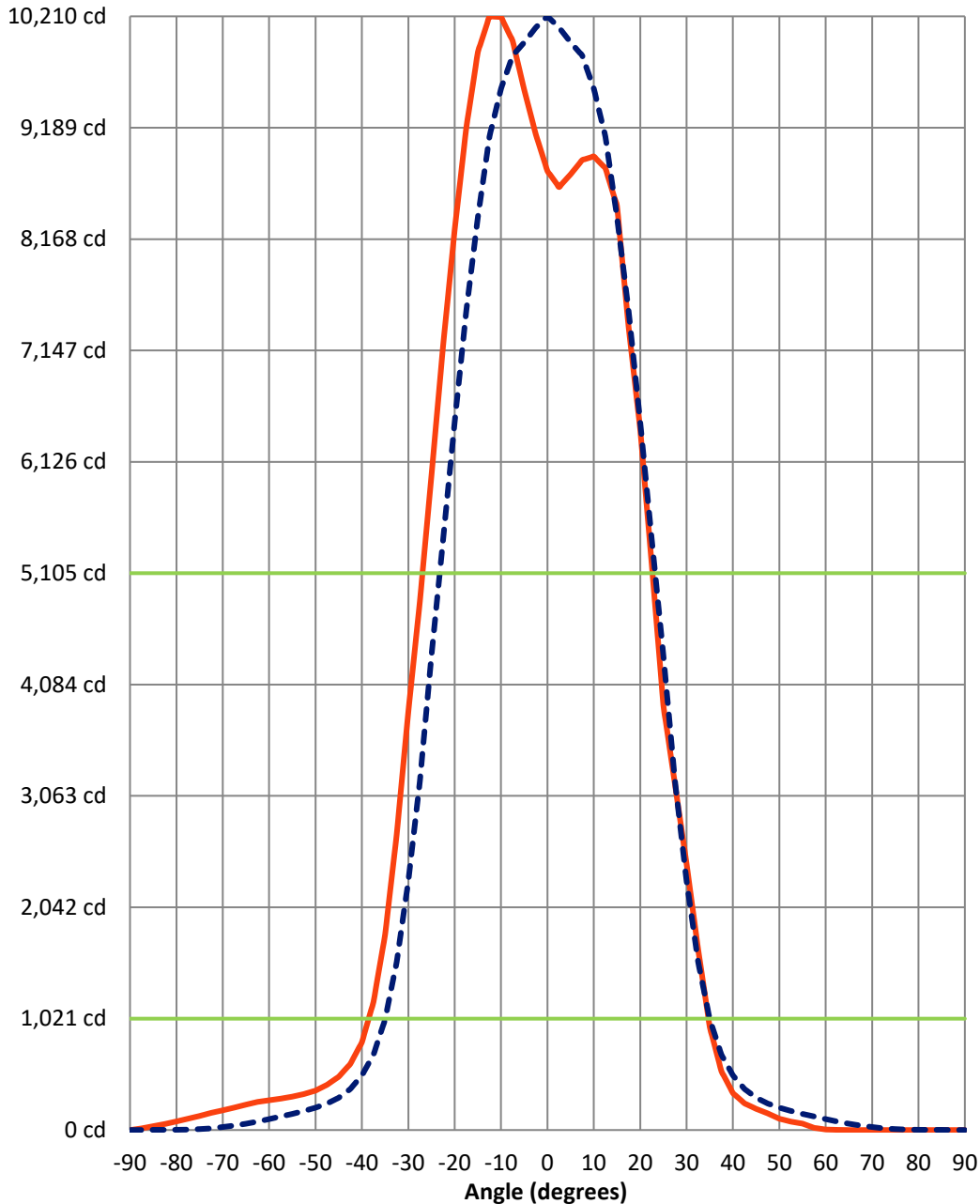
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 4881.3
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 6568.7
 Efficiency: 90.1%

Spill:
 Lumens: 719
 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	1	1	2
57.5°	0	0	0	1	1	1	1	1	1	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	0	1	1	1	2	2	2	2	2
47.5°	0	0	1	2	1	1	2	2	2	2	2
45°	0	0	1	2	1	1	2	2	2	2	3
42.5°	0	0	1	2	1	2	2	2	2	3	3
40°	0	0	1	2	1	2	2	2	2	3	4
37.5°	0	0	1	2	2	2	2	2	3	4	5
35°	0	0	1	2	2	2	3	2	3	5	6
32.5°	0	0	1	2	2	2	3	3	4	6	10
30°	0	0	1	2	2	2	3	3	5	7	13
27.5°	0	0	1	2	2	2	3	3	6	9	17
25°	0	0	1	2	2	3	3	4	7	11	19
22.5°	0	0	1	2	2	3	3	4	8	14	23
20°	0	0	1	2	2	3	3	5	9	16	26
17.5°	0	0	2	2	2	3	3	5	11	18	30
15°	0	0	2	2	2	3	4	6	12	20	34
12.5°	0	0	2	2	2	3	4	7	14	21	37
10°	0	0	2	2	2	3	4	9	15	24	41
7.5°	0	0	2	2	2	3	4	10	16	27	43
5°	0	0	2	2	2	3	5	11	17	30	46
2.5°	0	0	2	2	2	3	5	12	18	33	47
0°	0	0	2	2	2	3	5	13	18	35	48
-2.5°	0	0	2	2	2	3	6	14	21	37	51
-5°	0	0	2	2	2	4	7	14	23	38	53
-7.5°	0	0	2	2	2	4	7	15	25	39	55
-10°	0	0	2	2	2	4	8	15	27	40	57
-12.5°	0	0	2	2	2	4	9	15	28	41	58
-15°	0	0	2	2	2	4	9	15	28	41	58
-17.5°	0	0	2	2	2	4	9	16	28	42	58
-20°	0	0	2	2	3	4	10	16	28	41	58

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REPORT NUMBER: P626816 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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	4	10	17	27	41	56
-25°	0	0	2	2	3	5	10	17	27	40	54
-27.5°	0	0	1	2	3	5	9	17	26	39	53
-30°	0	0	1	2	2	5	9	17	26	38	51
-32.5°	0	0	1	2	3	5	9	16	25	37	49
-35°	0	0	1	2	3	5	9	16	25	36	47
-37.5°	0	0	1	2	3	5	9	15	23	34	46
-40°	0	0	1	2	3	6	9	15	22	33	45
-42.5°	0	0	1	2	3	6	9	14	21	31	44
-45°	0	0	1	2	3	5	9	13	20	29	42
-47.5°	0	0	1	2	3	5	9	13	19	27	39
-50°	0	0	1	2	3	5	8	13	18	26	36
-52.5°	0	0	1	2	3	5	8	12	17	25	33
-55°	0	0	1	2	3	5	8	11	16	23	31
-57.5°	0	0	1	2	3	5	7	11	15	21	29
-60°	0	0	1	2	3	5	7	10	14	20	26
-62.5°	0	0	1	2	3	4	7	10	13	18	24
-65°	0	0	1	2	3	4	6	9	12	17	22
-67.5°	0	0	1	2	3	4	5	8	11	15	19
-70°	0	0	1	2	3	4	5	7	10	13	17
-72.5°	0	0	1	2	3	3	4	6	8	11	14
-75°	0	0	1	2	2	3	4	5	7	9	11
-77.5°	0	0	1	1	2	3	4	5	6	7	9
-80°	0	0	1	1	2	2	3	4	5	6	7
-82.5°	0	0	0	1	1	2	3	3	4	5	6
-85°	0	0	0	1	1	1	2	2	3	3	4
-87.5°	0	0	0	0	0	1	1	1	1	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626816 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-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	0	1	0	0	0	0	0	0	0	0
65°	1	1	1	0	0	0	1	0	0	0	0
62.5°	2	1	1	1	1	1	1	1	0	0	1
60°	2	1	1	1	2	2	1	1	1	2	4
57.5°	2	2	2	2	2	2	2	2	6	10	11
55°	2	2	2	2	3	3	4	9	14	17	19
52.5°	2	2	3	3	4	6	12	17	22	25	29
50°	2	3	3	5	7	13	20	26	31	37	43
47.5°	3	3	5	7	14	21	29	36	43	51	60
45°	3	5	7	13	21	30	40	48	55	64	72
42.5°	4	8	12	18	29	40	51	58	66	76	87
40°	7	11	18	27	39	52	62	69	77	91	104
37.5°	10	16	23	35	50	63	72	81	93	109	124
35°	14	21	31	45	61	72	83	94	111	129	147
32.5°	18	25	39	54	69	82	93	111	128	147	173
30°	21	31	46	63	77	90	107	126	143	167	197
27.5°	25	38	54	70	85	99	120	139	158	185	222
25°	30	44	61	77	92	109	133	153	173	208	256
22.5°	35	51	68	83	99	121	146	171	197	232	292
20°	41	57	74	91	105	132	160	190	226	274	353
17.5°	46	62	81	98	117	144	175	211	256	315	431
15°	50	67	86	106	127	156	190	234	289	363	506
12.5°	55	72	92	113	136	166	204	251	316	422	602
10°	58	76	98	120	145	176	215	266	338	465	674
7.5°	61	80	103	127	152	184	225	277	357	499	730
5°	64	85	107	132	157	191	233	287	374	523	774
2.5°	67	90	111	136	161	197	240	295	389	543	810
0°	69	94	114	139	164	201	244	301	402	557	839
-2.5°	71	96	118	141	169	204	247	306	406	559	833
-5°	73	97	121	143	172	206	247	308	405	555	816
-7.5°	75	98	123	145	174	206	247	307	401	546	788
-10°	76	99	124	147	175	206	246	303	391	528	746
-12.5°	77	100	124	148	175	205	243	296	376	501	692
-15°	78	101	124	148	174	203	238	287	357	465	625
-17.5°	79	101	124	146	172	200	231	275	338	433	577
-20°	79	101	123	144	171	196	226	266	323	403	519

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CATALOG NUMBER: GFLD-SA1E-750-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°	78	100	122	142	167	193	220	256	303	369	463
-25°	76	99	120	141	164	188	213	244	285	344	422
-27.5°	74	97	118	139	159	184	207	235	271	316	378
-30°	70	94	115	135	156	179	201	225	256	295	346
-32.5°	67	91	111	131	152	173	195	217	244	276	315
-35°	64	87	108	127	147	168	188	209	231	260	293
-37.5°	62	83	104	122	141	161	181	200	221	244	274
-40°	60	78	99	117	135	154	173	192	211	234	257
-42.5°	58	75	95	113	130	147	166	183	202	223	245
-45°	55	72	90	107	124	141	158	175	193	213	234
-47.5°	52	68	85	100	117	134	150	167	183	202	221
-50°	49	63	79	94	108	125	142	159	175	190	207
-52.5°	45	58	73	87	101	115	132	149	165	180	195
-55°	40	53	66	80	94	106	121	138	154	169	185
-57.5°	37	47	60	73	86	99	113	127	143	158	173
-60°	34	42	53	65	79	91	104	118	132	146	160
-62.5°	31	38	47	57	69	82	94	107	121	133	145
-65°	28	34	41	50	59	71	83	95	107	118	128
-67.5°	25	30	36	42	51	60	70	81	92	103	112
-70°	21	26	31	36	43	50	59	68	77	86	96
-72.5°	18	22	26	30	36	43	50	57	65	73	81
-75°	14	18	21	25	30	35	41	47	53	60	66
-77.5°	11	14	17	20	24	28	32	37	42	47	52
-80°	9	11	13	16	18	21	24	28	31	36	40
-82.5°	7	8	10	11	13	15	17	20	23	26	29
-85°	5	6	7	8	9	10	11	12	14	16	18
-87.5°	3	3	3	4	4	5	5	6	7	8	9
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626816 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-MWR-VSR-XX

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°	0	1	1	1	0	0	1	1	1	1	1
60°	4	3	4	5	5	4	6	7	6	5	5
57.5°	12	13	14	17	19	20	21	23	24	25	26
55°	22	26	30	32	36	41	46	47	48	49	52
52.5°	34	39	42	46	53	57	60	63	68	72	75
50°	50	54	59	66	72	77	78	85	94	100	104
47.5°	66	71	80	92	98	103	110	118	128	138	145
45°	80	90	102	112	120	129	138	149	163	177	187
42.5°	97	108	120	132	140	155	171	184	205	223	235
40°	116	128	145	159	176	195	223	249	275	306	328
37.5°	139	157	181	204	230	257	307	359	401	461	494
35°	167	195	228	263	305	369	443	543	647	733	816
32.5°	200	234	281	343	413	517	628	811	991	1170	1345
30°	231	282	353	438	553	718	927	1211	1519	1788	2032
27.5°	274	345	438	564	761	1002	1387	1782	2174	2524	2775
25°	325	421	552	761	1045	1445	1961	2445	2905	3248	3537
22.5°	399	543	728	995	1510	2066	2685	3293	3810	4242	4527
20°	490	685	995	1478	2084	2780	3576	4216	4852	5339	5773
17.5°	619	930	1368	1981	2705	3633	4453	5167	5975	6472	6915
15°	736	1135	1760	2542	3390	4373	5340	6214	6994	7541	8036
12.5°	883	1353	2071	2991	3919	5013	6018	6955	7719	8281	8628
10°	1015	1576	2382	3344	4383	5526	6568	7542	8282	8717	8972
7.5°	1121	1762	2634	3647	4743	5894	6994	7961	8669	9033	9207
5°	1204	1899	2831	3894	5033	6211	7334	8280	8877	9177	9275
2.5°	1266	1995	2964	4058	5229	6445	7591	8524	9033	9250	9282
0°	1307	2062	3050	4160	5397	6529	7731	8678	9162	9336	9353
-2.5°	1298	2038	3046	4123	5378	6566	7753	8688	9206	9440	9478
-5°	1271	1981	2945	4017	5225	6415	7547	8534	9170	9523	9679
-7.5°	1220	1882	2773	3816	4977	6169	7322	8347	9078	9575	9881
-10°	1133	1737	2552	3561	4705	5841	6981	8045	8832	9430	9857
-12.5°	1015	1540	2282	3199	4350	5410	6490	7509	8368	9106	9547
-15°	893	1336	2002	2841	3843	4887	5885	6884	7733	8423	8973
-17.5°	806	1157	1678	2412	3292	4282	5256	6174	6940	7588	8165
-20°	695	956	1369	1986	2761	3626	4559	5376	6060	6668	7219

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REPORT NUMBER: P626816 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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°	608	819	1117	1538	2234	2997	3760	4513	5155	5697	6167
-25°	528	676	909	1252	1704	2364	3006	3642	4235	4739	5162
-27.5°	466	583	739	983	1326	1711	2274	2805	3315	3776	4175
-30°	409	497	618	771	1004	1290	1629	2026	2433	2796	3159
-32.5°	368	431	514	627	758	963	1168	1435	1692	1957	2218
-35°	331	382	438	514	604	723	858	1021	1159	1333	1493
-37.5°	306	342	385	433	497	564	655	754	839	936	1017
-40°	285	313	342	375	419	464	523	578	633	691	735
-42.5°	268	290	311	336	362	398	438	473	506	540	569
-45°	254	271	288	307	327	353	381	407	428	448	463
-47.5°	239	254	269	284	301	320	338	355	373	388	399
-50°	224	239	253	266	281	296	310	323	336	347	354
-52.5°	210	226	239	251	263	276	288	300	311	321	325
-55°	200	214	227	238	249	259	270	281	291	301	304
-57.5°	188	202	215	225	235	244	254	264	274	283	286
-60°	174	189	201	210	220	230	239	249	258	266	269
-62.5°	158	172	182	191	200	208	219	229	238	246	251
-65°	139	150	161	170	178	187	196	205	214	221	226
-67.5°	122	131	140	148	156	164	173	182	190	196	200
-70°	105	114	122	129	137	144	151	158	165	171	175
-72.5°	89	96	103	110	117	123	129	135	141	146	150
-75°	73	80	86	91	97	102	107	112	116	120	124
-77.5°	58	63	68	73	78	82	86	89	93	96	99
-80°	44	48	52	55	59	62	65	68	71	73	76
-82.5°	32	34	37	39	42	44	46	48	50	52	53
-85°	20	22	23	24	26	27	28	29	31	32	33
-87.5°	10	10	11	12	12	13	13	14	15	15	16
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626816 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-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	1	1	1	1
60°	5	5	5	5	5	5	5	5	5	6	7
57.5°	25	23	22	20	22	23	25	26	25	24	23
55°	55	58	59	59	59	58	55	52	49	48	47
52.5°	78	79	79	77	79	79	78	75	72	68	63
50°	106	106	105	104	105	106	106	104	100	94	85
47.5°	149	151	153	152	153	151	149	145	138	128	118
45°	191	194	194	194	194	194	191	187	177	163	149
42.5°	241	244	246	244	246	244	241	235	223	205	184
40°	341	345	343	338	343	345	341	328	306	275	249
37.5°	517	533	541	541	541	533	517	494	461	401	359
35°	891	951	978	944	978	951	891	816	733	647	543
32.5°	1489	1594	1654	1654	1654	1594	1489	1345	1170	991	811
30°	2216	2349	2423	2439	2423	2349	2216	2032	1788	1519	1211
27.5°	2971	3108	3179	3169	3179	3108	2971	2775	2524	2174	1782
25°	3729	3832	3892	3894	3892	3832	3729	3537	3248	2905	2445
22.5°	4848	5066	5156	5180	5156	5066	4848	4527	4242	3810	3293
20°	6067	6279	6415	6423	6415	6279	6067	5773	5339	4852	4216
17.5°	7229	7334	7354	7362	7354	7334	7229	6915	6472	5975	5167
15°	8325	8362	8458	8471	8458	8362	8325	8036	7541	6994	6214
12.5°	8845	8879	8862	8817	8862	8879	8845	8628	8281	7719	6955
10°	9129	9081	9011	8926	9011	9081	9129	8972	8717	8282	7542
7.5°	9193	9140	9016	8893	9016	9140	9193	9207	9033	8669	7961
5°	9223	9069	8912	8762	8912	9069	9223	9275	9177	8877	8280
2.5°	9205	9022	8806	8645	8806	9022	9205	9282	9250	9033	8524
0°	9264	9078	8852	8792	8852	9078	9264	9353	9336	9162	8678
-2.5°	9428	9277	9159	9127	9159	9277	9428	9478	9440	9206	8688
-5°	9722	9689	9488	9535	9488	9689	9722	9679	9523	9170	8534
-7.5°	10006	9959	9874	9984	9874	9959	10006	9881	9575	9078	8347
-10°	10082	10066	10106	10203	10106	10066	10082	9857	9430	8832	8045
-12.5°	9850	9971	10107	10210	10107	9971	9850	9547	9106	8368	7509
-15°	9334	9582	9785	9882	9785	9582	9334	8973	8423	7733	6884
-17.5°	8573	8877	9118	9187	9118	8877	8573	8165	7588	6940	6174
-20°	7636	7946	8165	8253	8165	7946	7636	7219	6668	6060	5376

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CATALOG NUMBER: GFLD-SA1E-750-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°	6582	6885	7084	7188	7084	6885	6582	6167	5697	5155	4513
-25°	5513	5778	5955	6001	5955	5778	5513	5162	4739	4235	3642
-27.5°	4490	4704	4834	4848	4834	4704	4490	4175	3776	3315	2805
-30°	3461	3659	3772	3832	3772	3659	3461	3159	2796	2433	2026
-32.5°	2431	2588	2684	2709	2684	2588	2431	2218	1957	1692	1435
-35°	1621	1719	1779	1791	1779	1719	1621	1493	1333	1159	1021
-37.5°	1084	1131	1161	1175	1161	1131	1084	1017	936	839	754
-40°	768	790	803	805	803	790	768	735	691	633	578
-42.5°	587	599	604	606	604	599	587	569	540	506	473
-45°	474	482	487	489	487	482	474	463	448	428	407
-47.5°	406	411	414	415	414	411	406	399	388	373	355
-50°	358	361	362	362	362	361	358	354	347	336	323
-52.5°	328	330	330	330	330	330	328	325	321	311	300
-55°	306	307	307	306	307	307	306	304	301	291	281
-57.5°	288	290	290	288	290	290	288	286	283	274	264
-60°	271	273	274	273	274	273	271	269	266	258	249
-62.5°	255	258	258	258	258	258	255	251	246	238	229
-65°	230	234	234	233	234	234	230	226	221	214	205
-67.5°	203	206	207	206	207	206	203	200	196	190	182
-70°	178	181	182	181	182	181	178	175	171	165	158
-72.5°	153	156	157	157	157	156	153	150	146	141	135
-75°	127	130	130	129	130	130	127	124	120	116	112
-77.5°	102	105	105	104	105	105	102	99	96	93	89
-80°	78	80	79	79	79	80	78	76	73	71	68
-82.5°	55	57	56	55	56	57	55	53	52	50	48
-85°	34	35	35	35	35	35	34	33	32	31	29
-87.5°	16	17	16	15	16	17	16	16	15	15	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626816 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-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	0
62.5°	1	0	0	1	1	1	0	1	0	0	1
60°	6	4	5	5	4	3	4	4	2	1	1
57.5°	21	20	19	17	14	13	12	11	10	6	2
55°	46	41	36	32	30	26	22	19	17	14	9
52.5°	60	57	53	46	42	39	34	29	25	22	17
50°	78	77	72	66	59	54	50	43	37	31	26
47.5°	110	103	98	92	80	71	66	60	51	43	36
45°	138	129	120	112	102	90	80	72	64	55	48
42.5°	171	155	140	132	120	108	97	87	76	66	58
40°	223	195	176	159	145	128	116	104	91	77	69
37.5°	307	257	230	204	181	157	139	124	109	93	81
35°	443	369	305	263	228	195	167	147	129	111	94
32.5°	628	517	413	343	281	234	200	173	147	128	111
30°	927	718	553	438	353	282	231	197	167	143	126
27.5°	1387	1002	761	564	438	345	274	222	185	158	139
25°	1961	1445	1045	761	552	421	325	256	208	173	153
22.5°	2685	2066	1510	995	728	543	399	292	232	197	171
20°	3576	2780	2084	1478	995	685	490	353	274	226	190
17.5°	4453	3633	2705	1981	1368	930	619	431	315	256	211
15°	5340	4373	3390	2542	1760	1135	736	506	363	289	234
12.5°	6018	5013	3919	2991	2071	1353	883	602	422	316	251
10°	6568	5526	4383	3344	2382	1576	1015	674	465	338	266
7.5°	6994	5894	4743	3647	2634	1762	1121	730	499	357	277
5°	7334	6211	5033	3894	2831	1899	1204	774	523	374	287
2.5°	7591	6445	5229	4058	2964	1995	1266	810	543	389	295
0°	7731	6529	5397	4160	3050	2062	1307	839	557	402	301
-2.5°	7753	6566	5378	4123	3046	2038	1298	833	559	406	306
-5°	7547	6415	5225	4017	2945	1981	1271	816	555	405	308
-7.5°	7322	6169	4977	3816	2773	1882	1220	788	546	401	307
-10°	6981	5841	4705	3561	2552	1737	1133	746	528	391	303
-12.5°	6490	5410	4350	3199	2282	1540	1015	692	501	376	296
-15°	5885	4887	3843	2841	2002	1336	893	625	465	357	287
-17.5°	5256	4282	3292	2412	1678	1157	806	577	433	338	275
-20°	4559	3626	2761	1986	1369	956	695	519	403	323	266

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CATALOG NUMBER: GFLD-SA1E-750-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°	3760	2997	2234	1538	1117	819	608	463	369	303	256
-25°	3006	2364	1704	1252	909	676	528	422	344	285	244
-27.5°	2274	1711	1326	983	739	583	466	378	316	271	235
-30°	1629	1290	1004	771	618	497	409	346	295	256	225
-32.5°	1168	963	758	627	514	431	368	315	276	244	217
-35°	858	723	604	514	438	382	331	293	260	231	209
-37.5°	655	564	497	433	385	342	306	274	244	221	200
-40°	523	464	419	375	342	313	285	257	234	211	192
-42.5°	438	398	362	336	311	290	268	245	223	202	183
-45°	381	353	327	307	288	271	254	234	213	193	175
-47.5°	338	320	301	284	269	254	239	221	202	183	167
-50°	310	296	281	266	253	239	224	207	190	175	159
-52.5°	288	276	263	251	239	226	210	195	180	165	149
-55°	270	259	249	238	227	214	200	185	169	154	138
-57.5°	254	244	235	225	215	202	188	173	158	143	127
-60°	239	230	220	210	201	189	174	160	146	132	118
-62.5°	219	208	200	191	182	172	158	145	133	121	107
-65°	196	187	178	170	161	150	139	128	118	107	95
-67.5°	173	164	156	148	140	131	122	112	103	92	81
-70°	151	144	137	129	122	114	105	96	86	77	68
-72.5°	129	123	117	110	103	96	89	81	73	65	57
-75°	107	102	97	91	86	80	73	66	60	53	47
-77.5°	86	82	78	73	68	63	58	52	47	42	37
-80°	65	62	59	55	52	48	44	40	36	31	28
-82.5°	46	44	42	39	37	34	32	29	26	23	20
-85°	28	27	26	24	23	22	20	18	16	14	12
-87.5°	13	13	12	12	11	10	10	9	8	7	6
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626816 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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	0	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	1	1	1	2	2	1	1	1
57.5°	2	2	2	2	2	2	2	2	2	1	1
55°	4	3	3	2	2	2	2	2	2	2	2
52.5°	12	6	4	3	3	2	2	2	2	2	2
50°	20	13	7	5	3	3	2	2	2	2	2
47.5°	29	21	14	7	5	3	3	2	2	2	2
45°	40	30	21	13	7	5	3	3	2	2	2
42.5°	51	40	29	18	12	8	4	3	3	2	2
40°	62	52	39	27	18	11	7	4	3	2	2
37.5°	72	63	50	35	23	16	10	5	4	3	2
35°	83	72	61	45	31	21	14	6	5	3	2
32.5°	93	82	69	54	39	25	18	10	6	4	3
30°	107	90	77	63	46	31	21	13	7	5	3
27.5°	120	99	85	70	54	38	25	17	9	6	3
25°	133	109	92	77	61	44	30	19	11	7	4
22.5°	146	121	99	83	68	51	35	23	14	8	4
20°	160	132	105	91	74	57	41	26	16	9	5
17.5°	175	144	117	98	81	62	46	30	18	11	5
15°	190	156	127	106	86	67	50	34	20	12	6
12.5°	204	166	136	113	92	72	55	37	21	14	7
10°	215	176	145	120	98	76	58	41	24	15	9
7.5°	225	184	152	127	103	80	61	43	27	16	10
5°	233	191	157	132	107	85	64	46	30	17	11
2.5°	240	197	161	136	111	90	67	47	33	18	12
0°	244	201	164	139	114	94	69	48	35	18	13
-2.5°	247	204	169	141	118	96	71	51	37	21	14
-5°	247	206	172	143	121	97	73	53	38	23	14
-7.5°	247	206	174	145	123	98	75	55	39	25	15
-10°	246	206	175	147	124	99	76	57	40	27	15
-12.5°	243	205	175	148	124	100	77	58	41	28	15
-15°	238	203	174	148	124	101	78	58	41	28	15
-17.5°	231	200	172	146	124	101	79	58	42	28	16
-20°	226	196	171	144	123	101	79	58	41	28	16

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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°	220	193	167	142	122	100	78	56	41	27	17
-25°	213	188	164	141	120	99	76	54	40	27	17
-27.5°	207	184	159	139	118	97	74	53	39	26	17
-30°	201	179	156	135	115	94	70	51	38	26	17
-32.5°	195	173	152	131	111	91	67	49	37	25	16
-35°	188	168	147	127	108	87	64	47	36	25	16
-37.5°	181	161	141	122	104	83	62	46	34	23	15
-40°	173	154	135	117	99	78	60	45	33	22	15
-42.5°	166	147	130	113	95	75	58	44	31	21	14
-45°	158	141	124	107	90	72	55	42	29	20	13
-47.5°	150	134	117	100	85	68	52	39	27	19	13
-50°	142	125	108	94	79	63	49	36	26	18	13
-52.5°	132	115	101	87	73	58	45	33	25	17	12
-55°	121	106	94	80	66	53	40	31	23	16	11
-57.5°	113	99	86	73	60	47	37	29	21	15	11
-60°	104	91	79	65	53	42	34	26	20	14	10
-62.5°	94	82	69	57	47	38	31	24	18	13	10
-65°	83	71	59	50	41	34	28	22	17	12	9
-67.5°	70	60	51	42	36	30	25	19	15	11	8
-70°	59	50	43	36	31	26	21	17	13	10	7
-72.5°	50	43	36	30	26	22	18	14	11	8	6
-75°	41	35	30	25	21	18	14	11	9	7	5
-77.5°	32	28	24	20	17	14	11	9	7	6	5
-80°	24	21	18	16	13	11	9	7	6	5	4
-82.5°	17	15	13	11	10	8	7	6	5	4	3
-85°	11	10	9	8	7	6	5	4	3	3	2
-87.5°	5	5	4	4	3	3	3	2	2	1	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: P626816 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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	1	0	0	0
47.5°	2	1	1	2	1	0	0
45°	2	1	1	2	1	0	0
42.5°	2	2	1	2	1	0	0
40°	2	2	1	2	1	0	0
37.5°	2	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	2	2	2	1	0	0
25°	3	3	2	2	1	0	0
22.5°	3	3	2	2	1	0	0
20°	3	3	2	2	1	0	0
17.5°	3	3	2	2	2	0	0
15°	4	3	2	2	2	0	0
12.5°	4	3	2	2	2	0	0
10°	4	3	2	2	2	0	0
7.5°	4	3	2	2	2	0	0
5°	5	3	2	2	2	0	0
2.5°	5	3	2	2	2	0	0
0°	5	3	2	2	2	0	0
-2.5°	6	3	2	2	2	0	0
-5°	7	4	2	2	2	0	0
-7.5°	7	4	2	2	2	0	0
-10°	8	4	2	2	2	0	0
-12.5°	9	4	2	2	2	0	0
-15°	9	4	2	2	2	0	0
-17.5°	9	4	2	2	2	0	0
-20°	10	4	3	2	2	0	0

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CATALOG NUMBER: GFLD-SA1E-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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