

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: P626776 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-727-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626776 (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-727-U-MWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5958.6 lumens
Efficiency: N/A
Efficacy: 90.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 8347.9 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 3991 lumens
Beam Efficiency: 67.0%

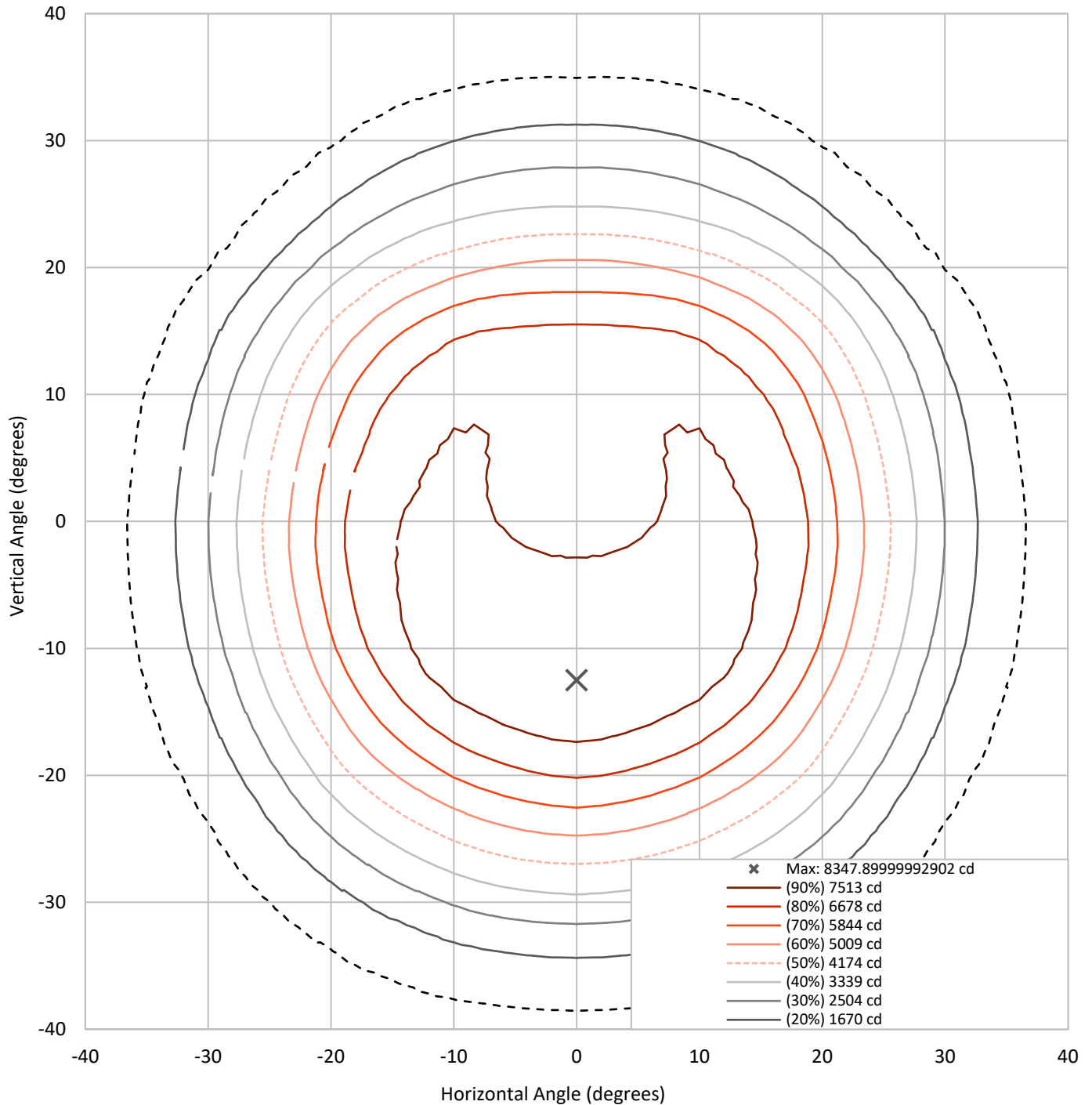
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 5370.7 lumens
Field Efficiency: 90.1%

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: P626776 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





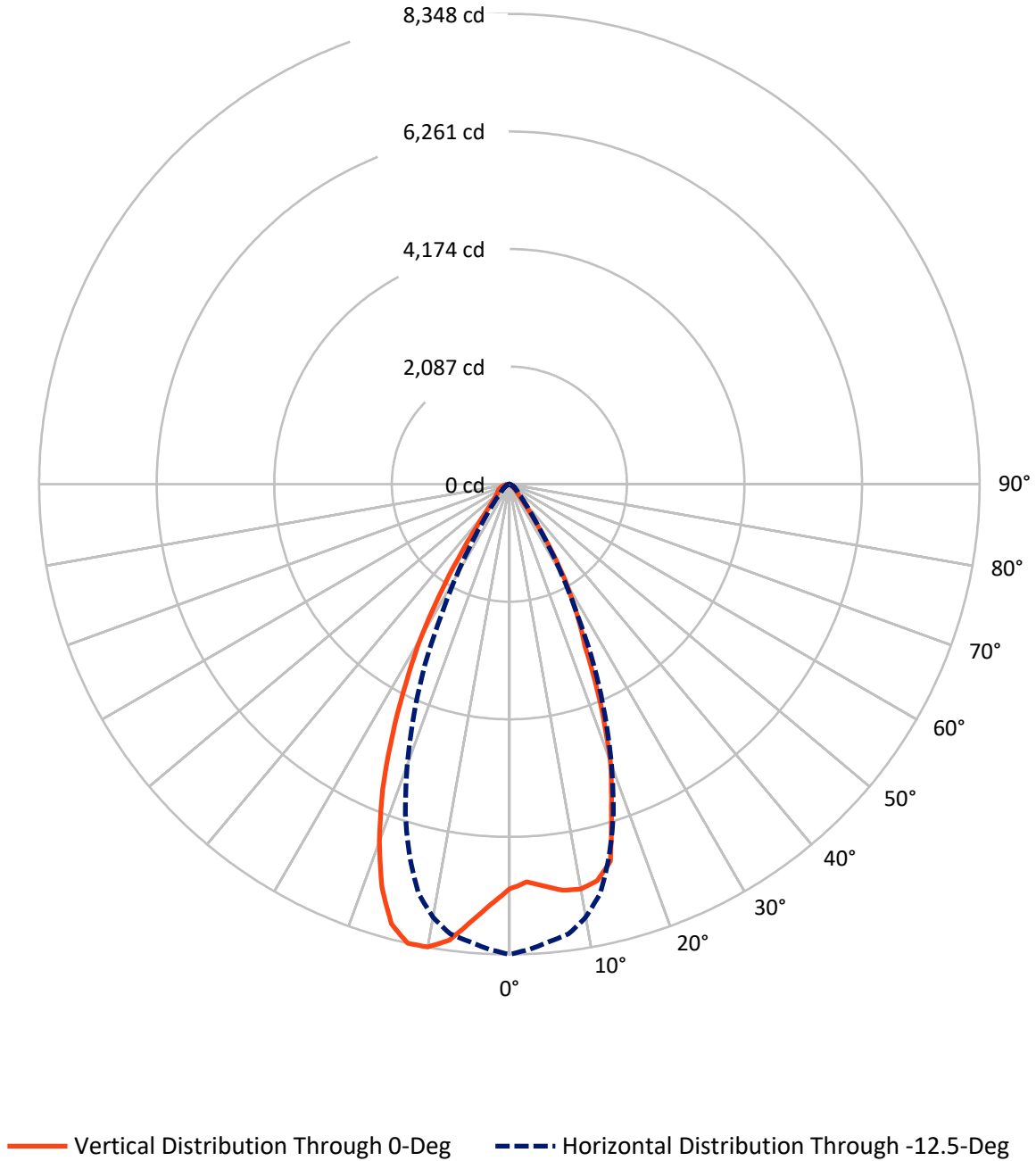
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Lumen Table

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	0.0	0.2	0.5	0.8	1.1	1.3	1.3	1.1	0.8	0.5	0.2	0.0		0.0			
40	0.0	0.0	0.2	0.8	1.7	2.7	4.1	5.0	5.0	4.1	2.7	1.7	0.8	0.2	0.0	0.0			
30		0.1	0.7	1.7	3.6	7.7	17.6	26.9	26.9	17.6	7.7	3.6	1.7	0.7	0.1				
20	0.1	0.2	1.1	2.8	7.5	27.7	71.3	99.7	99.7	71.3	27.7	7.5	2.8	1.1	0.2	0.1			
10		0.4	1.6	4.3	17.8	76.9	160.5	198.7	198.7	160.5	76.9	17.8	4.3	1.6	0.4				
0	0.1	0.5	1.9	5.5	28.3	113.3	206.9	224.3	224.3	206.9	113.3	28.3	5.5	1.9	0.5	0.1			
-10		0.6	2.1	5.9	29.6	117.0	214.3	238.1	238.1	214.3	117.0	29.6	5.9	2.1	0.6				
-20	0.2	0.7	2.2	5.4	21.2	87.1	180.8	230.9	230.9	180.8	87.1	21.2	5.4	2.2	0.7	0.2			
-30		0.6	2.0	4.5	11.9	42.3	100.8	141.8	141.8	100.8	42.3	11.9	4.5	2.0	0.6				
-40	0.2	0.6	1.8	3.7	7.1	15.1	31.5	46.7	46.7	31.5	15.1	7.1	3.7	1.8	0.6	0.2			
-50		0.5	1.5	3.1	5.2	7.6	10.7	12.7	12.7	10.7	7.6	5.2	3.1	1.5	0.5				
-60	0.1	0.4	1.2	2.4	4.1	5.6	7.0	7.7	7.7	7.0	5.6	4.1	2.4	1.2	0.4	0.1			
-70		0.2	0.7	1.7	2.9	4.0	5.1	5.7	5.7	5.1	4.0	2.9	1.7	0.7	0.2				
-80	0.0	0.7	3.0	6.4	8.2	6.4	3.0	0.7	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

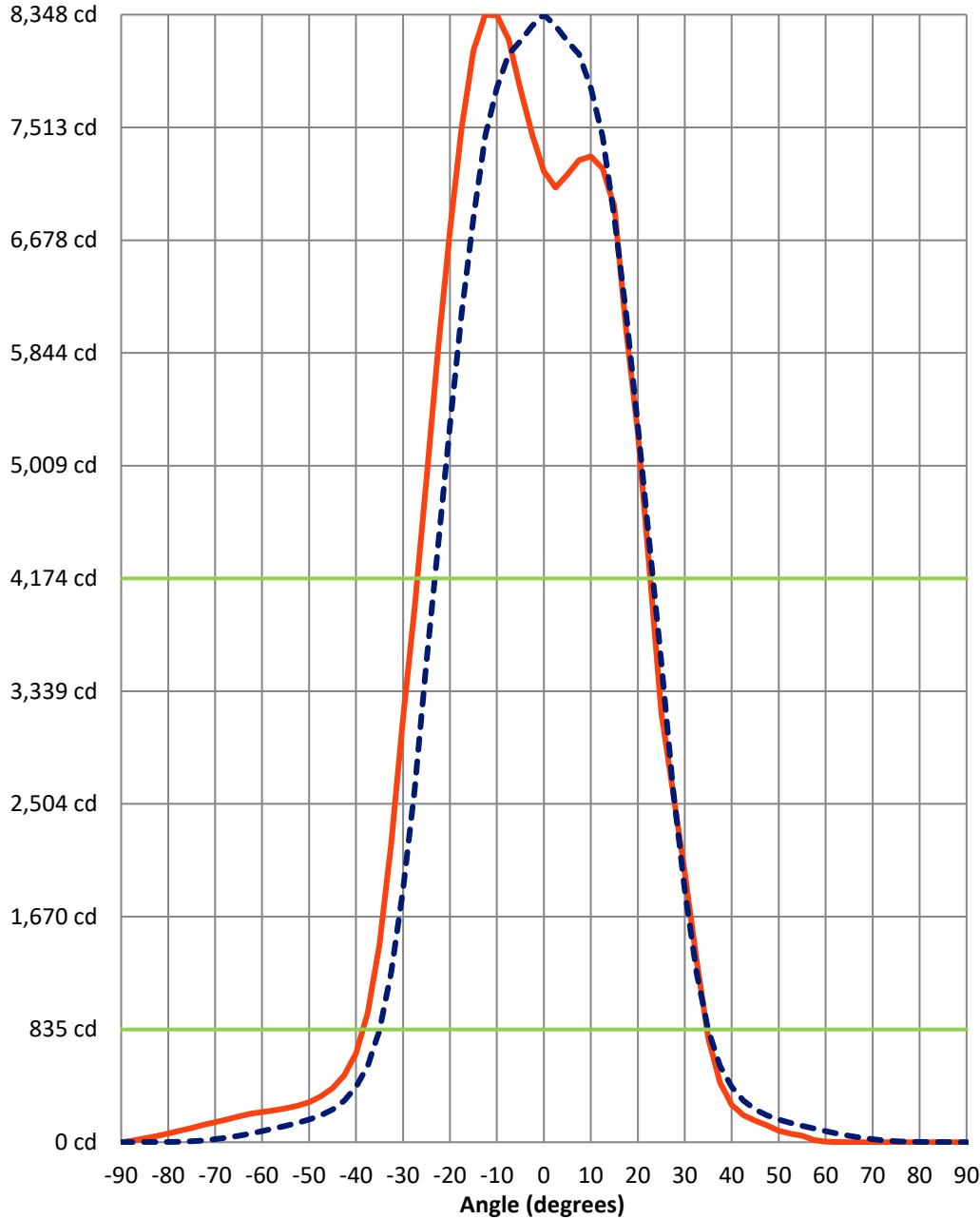
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 3991
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 5370.7
 Efficiency: 90.1%

Spill:
 Lumens: 587.8
 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	0	0	0	0	0	0	0
65°	0	0	0	0	1	1	0	0	0	0	0
62.5°	0	0	0	0	1	1	0	0	1	1	1
60°	0	0	0	1	1	1	0	1	1	1	1
57.5°	0	0	0	1	1	1	1	1	1	1	1
55°	0	0	0	1	1	1	1	1	1	1	1
52.5°	0	0	0	1	1	1	1	1	1	1	1
50°	0	0	0	1	1	1	1	1	1	1	2
47.5°	0	0	0	1	1	1	1	2	1	1	2
45°	0	0	1	1	1	1	2	2	1	2	2
42.5°	0	0	1	1	1	1	2	2	2	2	3
40°	0	0	1	1	1	1	2	2	2	2	3
37.5°	0	0	1	1	1	1	2	2	2	3	4
35°	0	0	1	1	1	1	2	2	3	4	5
32.5°	0	0	1	1	1	2	2	2	3	5	8
30°	0	0	1	1	1	2	2	2	4	6	11
27.5°	0	0	1	1	1	2	2	3	5	7	14
25°	0	0	1	1	1	2	3	3	6	9	16
22.5°	0	0	1	1	1	2	3	4	7	11	19
20°	0	0	1	1	1	2	3	4	8	13	22
17.5°	0	0	1	1	1	2	3	4	9	15	25
15°	0	0	1	1	1	2	3	5	10	16	28
12.5°	0	0	1	1	1	3	3	6	11	18	31
10°	0	0	1	1	1	3	3	7	12	20	33
7.5°	0	0	1	1	1	3	3	8	13	22	35
5°	0	0	1	1	1	3	4	9	14	24	37
2.5°	0	0	1	1	1	3	4	10	15	27	39
0°	0	0	1	1	1	3	4	11	15	29	40
-2.5°	0	0	1	1	2	3	5	11	17	30	42
-5°	0	0	1	1	2	3	6	12	19	31	44
-7.5°	0	0	1	1	2	3	6	12	20	32	45
-10°	0	0	1	1	2	3	7	12	22	33	46
-12.5°	0	0	1	1	2	3	7	12	23	34	47
-15°	0	0	1	1	2	3	7	12	23	34	48
-17.5°	0	0	1	1	2	3	8	13	23	34	48
-20°	0	0	1	1	2	3	8	13	23	34	47

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CATALOG NUMBER: GFLD-SA1E-727-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	1	1	2	4	8	14	22	33	46
-25°	0	0	1	1	2	4	8	14	22	33	44
-27.5°	0	0	1	1	2	4	8	14	21	32	43
-30°	0	0	1	1	2	4	8	14	21	31	42
-32.5°	0	0	1	1	2	4	7	13	21	30	40
-35°	0	0	1	1	2	4	7	13	20	29	38
-37.5°	0	0	1	1	2	4	8	13	19	28	38
-40°	0	0	1	1	2	5	8	12	18	27	37
-42.5°	0	0	1	1	2	5	7	12	17	26	36
-45°	0	0	1	1	2	4	7	11	16	24	34
-47.5°	0	0	1	2	3	4	7	11	16	22	32
-50°	0	0	1	2	3	4	7	10	15	21	29
-52.5°	0	0	1	2	3	4	7	10	14	20	27
-55°	0	0	1	2	3	4	6	9	14	19	25
-57.5°	0	0	1	2	2	4	6	9	13	18	23
-60°	0	0	1	2	2	4	6	8	12	16	22
-62.5°	0	0	1	2	2	4	5	8	11	15	20
-65°	0	0	1	2	2	3	5	7	10	14	18
-67.5°	0	0	1	2	2	3	4	6	9	12	16
-70°	0	0	1	2	2	3	4	6	8	10	14
-72.5°	0	0	1	2	2	3	4	5	7	9	11
-75°	0	0	1	1	2	3	3	4	5	7	9
-77.5°	0	0	1	1	2	2	3	4	5	6	7
-80°	0	0	0	1	1	2	3	3	4	5	6
-82.5°	0	0	0	1	1	2	2	3	3	4	5
-85°	0	0	0	0	1	1	1	2	2	3	3
-87.5°	0	0	0	0	0	1	1	1	1	1	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626776 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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	0	0	0	0	0	0	0	0	0
65°	1	1	1	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	1	0	0	0	0
60°	1	1	1	1	1	1	1	1	1	1	3
57.5°	1	1	1	2	2	1	2	2	5	8	9
55°	1	1	2	2	2	2	4	8	11	14	15
52.5°	2	2	2	3	3	5	9	14	18	20	24
50°	2	2	3	4	6	11	16	21	26	30	35
47.5°	2	3	4	6	11	17	23	30	35	41	49
45°	3	4	6	11	17	24	32	39	45	52	59
42.5°	3	7	10	15	24	33	42	48	54	62	71
40°	6	9	14	22	32	43	50	57	63	74	85
37.5°	8	13	19	29	41	51	59	66	76	89	102
35°	11	17	25	37	49	59	68	77	91	105	120
32.5°	15	20	32	44	56	67	76	90	105	121	141
30°	18	25	38	52	63	74	87	103	117	136	161
27.5°	21	31	44	58	69	81	98	113	130	152	181
25°	24	36	50	63	75	89	109	125	142	170	209
22.5°	29	42	56	68	81	99	119	139	161	189	238
20°	33	47	61	74	86	108	131	155	185	224	288
17.5°	37	51	66	80	95	117	143	172	209	258	352
15°	41	55	71	86	104	127	156	191	236	297	414
12.5°	45	59	75	92	112	136	167	205	258	345	492
10°	48	62	80	98	118	144	176	217	276	380	551
7.5°	50	65	84	104	124	151	184	227	292	408	597
5°	53	69	88	108	129	156	191	234	305	428	633
2.5°	54	73	91	111	132	161	196	241	318	444	662
0°	56	77	93	114	134	164	200	246	328	456	686
-2.5°	58	78	96	116	138	167	202	250	332	457	681
-5°	60	80	99	117	141	168	202	252	331	454	667
-7.5°	61	80	101	119	143	169	202	251	328	446	644
-10°	62	81	102	120	143	169	201	248	320	431	610
-12.5°	63	82	102	121	143	168	199	242	308	409	566
-15°	64	83	102	121	142	166	194	234	291	380	511
-17.5°	65	83	101	120	141	163	189	225	276	354	472
-20°	64	82	101	118	139	160	185	218	264	329	425

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CATALOG NUMBER: GFLD-SA1E-727-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°	64	82	100	116	137	158	180	209	248	302	378
-25°	63	81	98	115	134	154	174	200	233	281	345
-27.5°	60	79	96	113	130	150	169	192	222	258	309
-30°	57	77	94	111	128	146	164	184	210	242	283
-32.5°	54	74	91	107	124	142	159	177	199	226	258
-35°	52	71	88	103	120	137	154	171	189	212	240
-37.5°	51	68	85	99	115	132	148	164	181	199	224
-40°	49	64	81	96	110	126	142	157	172	191	210
-42.5°	47	62	77	92	106	121	135	150	166	183	201
-45°	45	59	74	88	101	115	129	143	158	174	191
-47.5°	43	55	70	82	95	109	123	137	150	165	181
-50°	40	52	65	77	89	102	116	130	143	155	170
-52.5°	37	47	59	71	82	94	108	122	135	147	160
-55°	33	43	54	66	77	87	99	113	126	138	151
-57.5°	30	39	49	60	71	81	92	104	117	129	141
-60°	28	35	43	54	64	75	85	96	108	120	131
-62.5°	25	31	38	47	57	67	77	88	99	108	118
-65°	23	28	34	41	49	58	68	78	88	96	105
-67.5°	20	24	29	34	41	49	57	66	75	84	92
-70°	17	21	25	30	35	41	48	56	63	71	78
-72.5°	14	18	21	25	29	35	41	46	53	59	66
-75°	12	14	17	21	24	29	33	39	44	49	54
-77.5°	9	12	14	16	19	23	26	30	35	39	43
-80°	7	9	11	13	15	17	20	23	26	29	33
-82.5°	6	7	8	9	11	12	14	16	18	21	23
-85°	4	5	5	6	7	8	9	10	12	13	15
-87.5°	2	2	3	3	4	4	4	5	6	6	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626776 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	0	0	0	1	0	0	1	1	1	1	1
60°	4	3	3	4	4	3	5	6	5	4	4
57.5°	10	10	12	14	15	16	17	19	20	21	21
55°	18	21	25	27	29	34	38	38	39	40	42
52.5°	28	32	34	37	43	47	49	52	55	59	62
50°	41	44	48	54	59	63	64	70	77	82	85
47.5°	54	58	66	75	80	84	90	97	104	112	119
45°	66	74	84	92	98	105	113	122	134	145	153
42.5°	79	89	98	108	115	127	140	151	168	182	192
40°	95	104	118	130	144	159	182	204	225	250	268
37.5°	114	128	148	167	188	210	251	294	328	377	404
35°	137	159	187	215	249	302	362	444	529	599	668
32.5°	163	192	230	280	338	422	513	663	810	956	1100
30°	189	230	289	358	452	587	758	990	1242	1462	1661
27.5°	224	282	358	461	622	819	1134	1457	1778	2064	2269
25°	266	344	451	622	854	1181	1604	1999	2375	2656	2892
22.5°	326	444	596	813	1235	1689	2195	2693	3115	3469	3701
20°	401	560	814	1209	1704	2273	2924	3447	3967	4365	4720
17.5°	506	760	1119	1620	2212	2970	3641	4224	4885	5291	5654
15°	602	928	1439	2078	2772	3576	4366	5081	5719	6166	6571
12.5°	722	1106	1693	2446	3204	4099	4921	5686	6311	6771	7054
10°	830	1289	1947	2734	3584	4518	5370	6167	6772	7127	7336
7.5°	917	1440	2153	2982	3878	4819	5719	6509	7088	7386	7528
5°	984	1553	2315	3184	4115	5078	5996	6770	7258	7504	7583
2.5°	1035	1631	2423	3318	4275	5269	6207	6970	7386	7563	7589
0°	1069	1686	2494	3401	4413	5338	6321	7095	7491	7633	7647
-2.5°	1061	1666	2491	3371	4397	5369	6339	7103	7527	7718	7749
-5°	1039	1619	2408	3285	4272	5245	6170	6978	7497	7786	7914
-7.5°	998	1538	2267	3120	4069	5044	5987	6825	7422	7829	8079
-10°	927	1420	2086	2911	3847	4775	5708	6577	7221	7710	8059
-12.5°	830	1259	1866	2616	3557	4423	5307	6139	6842	7445	7806
-15°	730	1092	1637	2323	3142	3996	4812	5629	6323	6887	7336
-17.5°	659	946	1372	1972	2691	3501	4297	5048	5674	6204	6676
-20°	569	782	1119	1624	2257	2965	3728	4396	4955	5452	5902



REPORT NUMBER: P626776 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-727-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°	497	670	913	1258	1826	2451	3075	3690	4215	4658	5042
-25°	432	553	743	1024	1393	1933	2458	2978	3463	3874	4221
-27.5°	381	477	604	803	1084	1399	1859	2293	2711	3087	3413
-30°	334	406	506	630	821	1055	1332	1657	1989	2286	2583
-32.5°	301	352	420	513	620	787	955	1173	1384	1600	1813
-35°	271	312	359	420	494	591	702	835	948	1090	1220
-37.5°	250	279	315	354	406	461	536	617	686	765	832
-40°	233	256	280	306	342	379	427	473	517	565	601
-42.5°	219	237	254	275	296	326	358	386	413	442	465
-45°	208	221	235	251	267	289	312	333	350	366	379
-47.5°	195	208	220	232	246	262	277	290	305	317	326
-50°	184	196	207	217	229	242	254	264	275	284	289
-52.5°	172	185	196	205	215	225	235	245	254	262	266
-55°	163	175	186	195	203	212	220	230	238	246	248
-57.5°	154	165	176	184	192	200	208	216	224	232	234
-60°	142	155	164	172	180	188	196	203	211	217	220
-62.5°	129	140	149	156	164	170	179	187	195	201	205
-65°	113	123	131	139	146	152	160	168	175	181	185
-67.5°	100	107	114	121	128	134	142	149	155	160	163
-70°	86	93	99	106	112	118	124	129	135	139	143
-72.5°	73	79	84	90	95	101	106	111	116	119	123
-75°	60	65	70	75	79	83	87	91	95	98	101
-77.5°	47	52	56	60	64	67	70	73	76	79	81
-80°	36	39	42	45	48	51	53	55	58	60	62
-82.5°	26	28	30	32	34	36	37	39	41	42	44
-85°	17	18	19	20	21	22	23	24	25	26	27
-87.5°	8	8	9	9	10	10	11	11	12	12	13
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626776 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	1	1	1	1	1	1	1	1	1	1	1
60°	4	4	4	4	4	4	4	4	4	5	6
57.5°	21	19	18	16	18	19	21	21	21	20	19
55°	45	47	48	48	48	47	45	42	40	39	38
52.5°	64	65	64	63	64	65	64	62	59	55	52
50°	87	87	86	85	86	87	87	85	82	77	70
47.5°	122	124	125	125	125	124	122	119	112	104	97
45°	156	158	159	159	159	158	156	153	145	134	122
42.5°	197	200	201	200	201	200	197	192	182	168	151
40°	279	282	281	277	281	282	279	268	250	225	204
37.5°	423	436	442	442	442	436	423	404	377	328	294
35°	729	778	800	772	800	778	729	668	599	529	444
32.5°	1217	1304	1352	1352	1352	1304	1217	1100	956	810	663
30°	1812	1920	1981	1994	1981	1920	1812	1661	1462	1242	990
27.5°	2429	2541	2599	2591	2599	2541	2429	2269	2064	1778	1457
25°	3049	3133	3182	3184	3182	3133	3049	2892	2656	2375	1999
22.5°	3964	4142	4215	4235	4215	4142	3964	3701	3469	3115	2693
20°	4961	5134	5245	5252	5245	5134	4961	4720	4365	3967	3447
17.5°	5911	5997	6012	6020	6012	5997	5911	5654	5291	4885	4224
15°	6807	6837	6916	6926	6916	6837	6807	6571	6166	5719	5081
12.5°	7232	7259	7246	7209	7246	7259	7232	7054	6771	6311	5686
10°	7464	7425	7367	7298	7367	7425	7464	7336	7127	6772	6167
7.5°	7516	7473	7372	7271	7372	7473	7516	7528	7386	7088	6509
5°	7541	7415	7286	7164	7286	7415	7541	7583	7504	7258	6770
2.5°	7527	7376	7200	7068	7200	7376	7527	7589	7563	7386	6970
0°	7574	7423	7238	7189	7238	7423	7574	7647	7633	7491	7095
-2.5°	7708	7585	7489	7462	7489	7585	7708	7749	7718	7527	7103
-5°	7949	7922	7758	7796	7758	7922	7949	7914	7786	7497	6978
-7.5°	8181	8143	8073	8163	8073	8143	8181	8079	7829	7422	6825
-10°	8243	8230	8263	8342	8263	8230	8243	8059	7710	7221	6577
-12.5°	8054	8153	8264	8348	8264	8153	8054	7806	7445	6842	6139
-15°	7631	7834	8001	8080	8001	7834	7631	7336	6887	6323	5629
-17.5°	7009	7258	7455	7512	7455	7258	7009	6676	6204	5674	5048
-20°	6244	6497	6676	6748	6676	6497	6244	5902	5452	4955	4396

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REPORT NUMBER: P626776 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	5382	5629	5792	5877	5792	5629	5382	5042	4658	4215	3690
-25°	4507	4725	4869	4907	4869	4725	4507	4221	3874	3463	2978
-27.5°	3671	3846	3952	3964	3952	3846	3671	3413	3087	2711	2293
-30°	2830	2992	3084	3133	3084	2992	2830	2583	2286	1989	1657
-32.5°	1987	2116	2194	2215	2194	2116	1987	1813	1600	1384	1173
-35°	1325	1405	1455	1465	1455	1405	1325	1220	1090	948	835
-37.5°	886	925	949	961	949	925	886	832	765	686	617
-40°	628	646	656	658	656	646	628	601	565	517	473
-42.5°	480	489	494	496	494	489	480	465	442	413	386
-45°	388	394	398	400	398	394	388	379	366	350	333
-47.5°	332	336	339	339	339	336	332	326	317	305	290
-50°	293	295	296	296	296	295	293	289	284	275	264
-52.5°	268	270	270	270	270	270	268	266	262	254	245
-55°	250	251	251	251	251	251	250	248	246	238	230
-57.5°	236	237	237	235	237	237	236	234	232	224	216
-60°	222	224	224	223	224	224	222	220	217	211	203
-62.5°	208	211	211	211	211	211	208	205	201	195	187
-65°	188	192	192	190	192	192	188	185	181	175	168
-67.5°	166	169	169	168	169	169	166	163	160	155	149
-70°	146	148	148	148	148	148	146	143	139	135	129
-72.5°	125	128	129	129	129	128	125	123	119	116	111
-75°	104	106	106	105	106	106	104	101	98	95	91
-77.5°	84	86	85	85	85	86	84	81	79	76	73
-80°	64	65	65	64	65	65	64	62	60	58	55
-82.5°	45	46	46	45	46	46	45	44	42	41	39
-85°	28	29	29	29	29	29	28	27	26	25	24
-87.5°	13	14	13	12	13	14	13	13	12	12	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626776 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-727-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	0	0	0	0	0	0	0
60°	5	3	4	4	3	3	4	3	1	1	1
57.5°	17	16	15	14	12	10	10	9	8	5	2
55°	38	34	29	27	25	21	18	15	14	11	8
52.5°	49	47	43	37	34	32	28	24	20	18	14
50°	64	63	59	54	48	44	41	35	30	26	21
47.5°	90	84	80	75	66	58	54	49	41	35	30
45°	113	105	98	92	84	74	66	59	52	45	39
42.5°	140	127	115	108	98	89	79	71	62	54	48
40°	182	159	144	130	118	104	95	85	74	63	57
37.5°	251	210	188	167	148	128	114	102	89	76	66
35°	362	302	249	215	187	159	137	120	105	91	77
32.5°	513	422	338	280	230	192	163	141	121	105	90
30°	758	587	452	358	289	230	189	161	136	117	103
27.5°	1134	819	622	461	358	282	224	181	152	130	113
25°	1604	1181	854	622	451	344	266	209	170	142	125
22.5°	2195	1689	1235	813	596	444	326	238	189	161	139
20°	2924	2273	1704	1209	814	560	401	288	224	185	155
17.5°	3641	2970	2212	1620	1119	760	506	352	258	209	172
15°	4366	3576	2772	2078	1439	928	602	414	297	236	191
12.5°	4921	4099	3204	2446	1693	1106	722	492	345	258	205
10°	5370	4518	3584	2734	1947	1289	830	551	380	276	217
7.5°	5719	4819	3878	2982	2153	1440	917	597	408	292	227
5°	5996	5078	4115	3184	2315	1553	984	633	428	305	234
2.5°	6207	5269	4275	3318	2423	1631	1035	662	444	318	241
0°	6321	5338	4413	3401	2494	1686	1069	686	456	328	246
-2.5°	6339	5369	4397	3371	2491	1666	1061	681	457	332	250
-5°	6170	5245	4272	3285	2408	1619	1039	667	454	331	252
-7.5°	5987	5044	4069	3120	2267	1538	998	644	446	328	251
-10°	5708	4775	3847	2911	2086	1420	927	610	431	320	248
-12.5°	5307	4423	3557	2616	1866	1259	830	566	409	308	242
-15°	4812	3996	3142	2323	1637	1092	730	511	380	291	234
-17.5°	4297	3501	2691	1972	1372	946	659	472	354	276	225
-20°	3728	2965	2257	1624	1119	782	569	425	329	264	218

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CATALOG NUMBER: GFLD-SA1E-727-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°	3075	2451	1826	1258	913	670	497	378	302	248	209
-25°	2458	1933	1393	1024	743	553	432	345	281	233	200
-27.5°	1859	1399	1084	803	604	477	381	309	258	222	192
-30°	1332	1055	821	630	506	406	334	283	242	210	184
-32.5°	955	787	620	513	420	352	301	258	226	199	177
-35°	702	591	494	420	359	312	271	240	212	189	171
-37.5°	536	461	406	354	315	279	250	224	199	181	164
-40°	427	379	342	306	280	256	233	210	191	172	157
-42.5°	358	326	296	275	254	237	219	201	183	166	150
-45°	312	289	267	251	235	221	208	191	174	158	143
-47.5°	277	262	246	232	220	208	195	181	165	150	137
-50°	254	242	229	217	207	196	184	170	155	143	130
-52.5°	235	225	215	205	196	185	172	160	147	135	122
-55°	220	212	203	195	186	175	163	151	138	126	113
-57.5°	208	200	192	184	176	165	154	141	129	117	104
-60°	196	188	180	172	164	155	142	131	120	108	96
-62.5°	179	170	164	156	149	140	129	118	108	99	88
-65°	160	152	146	139	131	123	113	105	96	88	78
-67.5°	142	134	128	121	114	107	100	92	84	75	66
-70°	124	118	112	106	99	93	86	78	71	63	56
-72.5°	106	101	95	90	84	79	73	66	59	53	46
-75°	87	83	79	75	70	65	60	54	49	44	39
-77.5°	70	67	64	60	56	52	47	43	39	35	30
-80°	53	51	48	45	42	39	36	33	29	26	23
-82.5°	37	36	34	32	30	28	26	23	21	18	16
-85°	23	22	21	20	19	18	17	15	13	12	10
-87.5°	11	10	10	9	9	8	8	7	6	6	5
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA1E-727-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	0	0	0	0	0	0	0
65°	0	0	0	0	1	1	1	0	0	0	0
62.5°	1	1	1	1	1	1	1	1	1	1	0
60°	1	1	1	1	1	1	1	1	1	1	1
57.5°	2	1	2	2	1	1	1	1	1	1	1
55°	4	2	2	2	2	1	1	1	1	1	1
52.5°	9	5	3	3	2	2	2	1	1	1	1
50°	16	11	6	4	3	2	2	2	1	1	1
47.5°	23	17	11	6	4	3	2	2	1	1	2
45°	32	24	17	11	6	4	3	2	2	1	2
42.5°	42	33	24	15	10	7	3	3	2	2	2
40°	50	43	32	22	14	9	6	3	2	2	2
37.5°	59	51	41	29	19	13	8	4	3	2	2
35°	68	59	49	37	25	17	11	5	4	3	2
32.5°	76	67	56	44	32	20	15	8	5	3	2
30°	87	74	63	52	38	25	18	11	6	4	2
27.5°	98	81	69	58	44	31	21	14	7	5	3
25°	109	89	75	63	50	36	24	16	9	6	3
22.5°	119	99	81	68	56	42	29	19	11	7	4
20°	131	108	86	74	61	47	33	22	13	8	4
17.5°	143	117	95	80	66	51	37	25	15	9	4
15°	156	127	104	86	71	55	41	28	16	10	5
12.5°	167	136	112	92	75	59	45	31	18	11	6
10°	176	144	118	98	80	62	48	33	20	12	7
7.5°	184	151	124	104	84	65	50	35	22	13	8
5°	191	156	129	108	88	69	53	37	24	14	9
2.5°	196	161	132	111	91	73	54	39	27	15	10
0°	200	164	134	114	93	77	56	40	29	15	11
-2.5°	202	167	138	116	96	78	58	42	30	17	11
-5°	202	168	141	117	99	80	60	44	31	19	12
-7.5°	202	169	143	119	101	80	61	45	32	20	12
-10°	201	169	143	120	102	81	62	46	33	22	12
-12.5°	199	168	143	121	102	82	63	47	34	23	12
-15°	194	166	142	121	102	83	64	48	34	23	12
-17.5°	189	163	141	120	101	83	65	48	34	23	13
-20°	185	160	139	118	101	82	64	47	34	23	13

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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°	180	158	137	116	100	82	64	46	33	22	14
-25°	174	154	134	115	98	81	63	44	33	22	14
-27.5°	169	150	130	113	96	79	60	43	32	21	14
-30°	164	146	128	111	94	77	57	42	31	21	14
-32.5°	159	142	124	107	91	74	54	40	30	21	13
-35°	154	137	120	103	88	71	52	38	29	20	13
-37.5°	148	132	115	99	85	68	51	38	28	19	13
-40°	142	126	110	96	81	64	49	37	27	18	12
-42.5°	135	121	106	92	77	62	47	36	26	17	12
-45°	129	115	101	88	74	59	45	34	24	16	11
-47.5°	123	109	95	82	70	55	43	32	22	16	11
-50°	116	102	89	77	65	52	40	29	21	15	10
-52.5°	108	94	82	71	59	47	37	27	20	14	10
-55°	99	87	77	66	54	43	33	25	19	14	9
-57.5°	92	81	71	60	49	39	30	23	18	13	9
-60°	85	75	64	54	43	35	28	22	16	12	8
-62.5°	77	67	57	47	38	31	25	20	15	11	8
-65°	68	58	49	41	34	28	23	18	14	10	7
-67.5°	57	49	41	34	29	24	20	16	12	9	6
-70°	48	41	35	30	25	21	17	14	10	8	6
-72.5°	41	35	29	25	21	18	14	11	9	7	5
-75°	33	29	24	21	17	14	12	9	7	5	4
-77.5°	26	23	19	16	14	12	9	7	6	5	4
-80°	20	17	15	13	11	9	7	6	5	4	3
-82.5°	14	12	11	9	8	7	6	5	4	3	3
-85°	9	8	7	6	5	5	4	3	3	2	2
-87.5°	4	4	4	3	3	2	2	2	1	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: P626776 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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	0	0	0	0	0	0
65°	0	1	1	0	0	0	0
62.5°	0	1	1	0	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°	1	1	1	1	0	0	0
47.5°	1	1	1	1	0	0	0
45°	2	1	1	1	1	0	0
42.5°	2	1	1	1	1	0	0
40°	2	1	1	1	1	0	0
37.5°	2	1	1	1	1	0	0
35°	2	1	1	1	1	0	0
32.5°	2	2	1	1	1	0	0
30°	2	2	1	1	1	0	0
27.5°	2	2	1	1	1	0	0
25°	3	2	1	1	1	0	0
22.5°	3	2	1	1	1	0	0
20°	3	2	1	1	1	0	0
17.5°	3	2	1	1	1	0	0
15°	3	2	1	1	1	0	0
12.5°	3	3	1	1	1	0	0
10°	3	3	1	1	1	0	0
7.5°	3	3	1	1	1	0	0
5°	4	3	1	1	1	0	0
2.5°	4	3	1	1	1	0	0
0°	4	3	1	1	1	0	0
-2.5°	5	3	2	1	1	0	0
-5°	6	3	2	1	1	0	0
-7.5°	6	3	2	1	1	0	0
-10°	7	3	2	1	1	0	0
-12.5°	7	3	2	1	1	0	0
-15°	7	3	2	1	1	0	0
-17.5°	8	3	2	1	1	0	0
-20°	8	3	2	1	1	0	0

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CATALOG NUMBER: GFLD-SA1E-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)