

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P626834 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2B-727-U-MR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P626834 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-727-U-MR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	7668.5 lumens	Max Intensity:	27038.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	120.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		

Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	3834.5 lumens	Field Lumens:	6588.8 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%

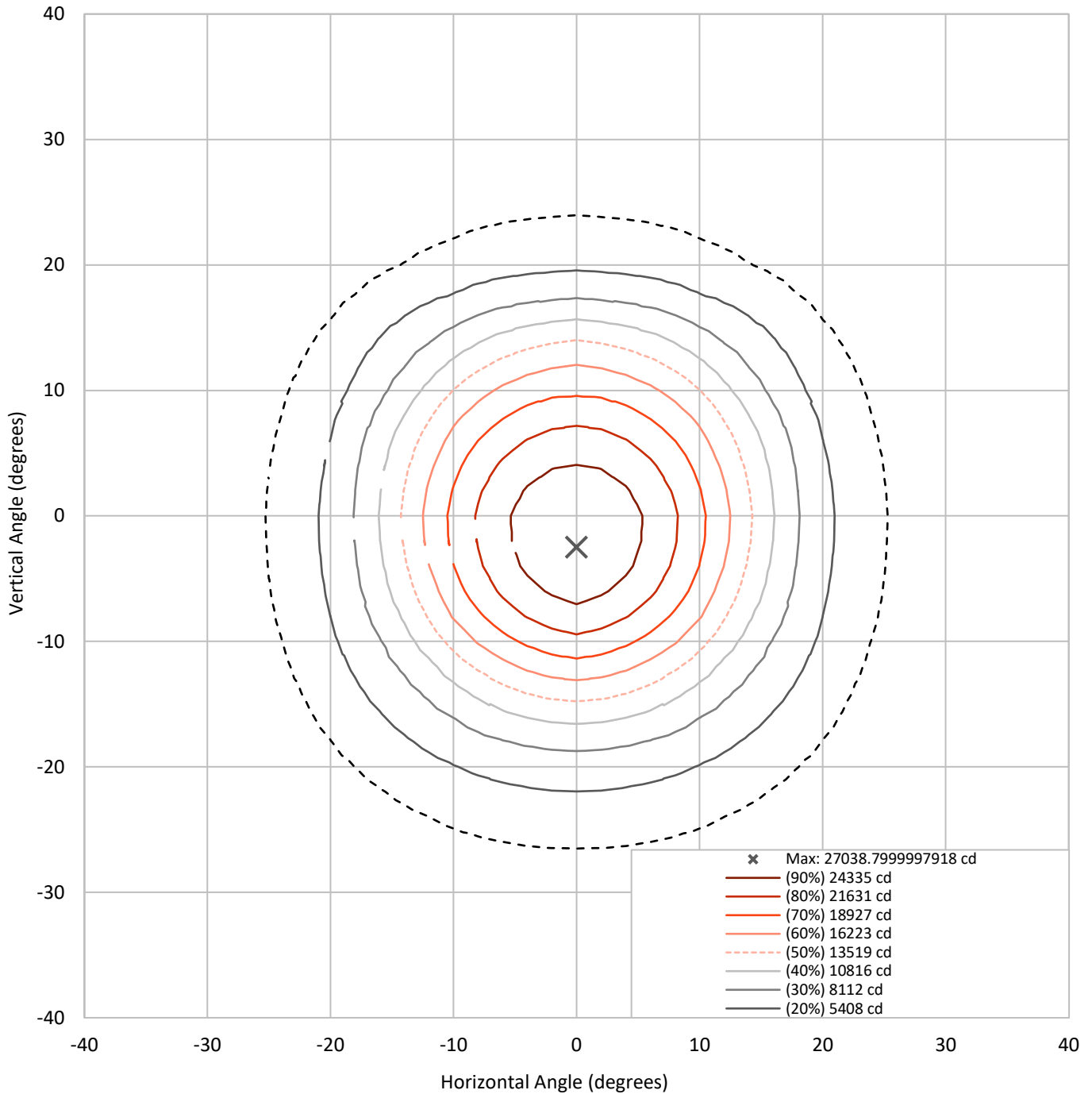
Input Watts (W): 63.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P626834 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-727-U-MR-VSR-XX

Iso-Candela Plot





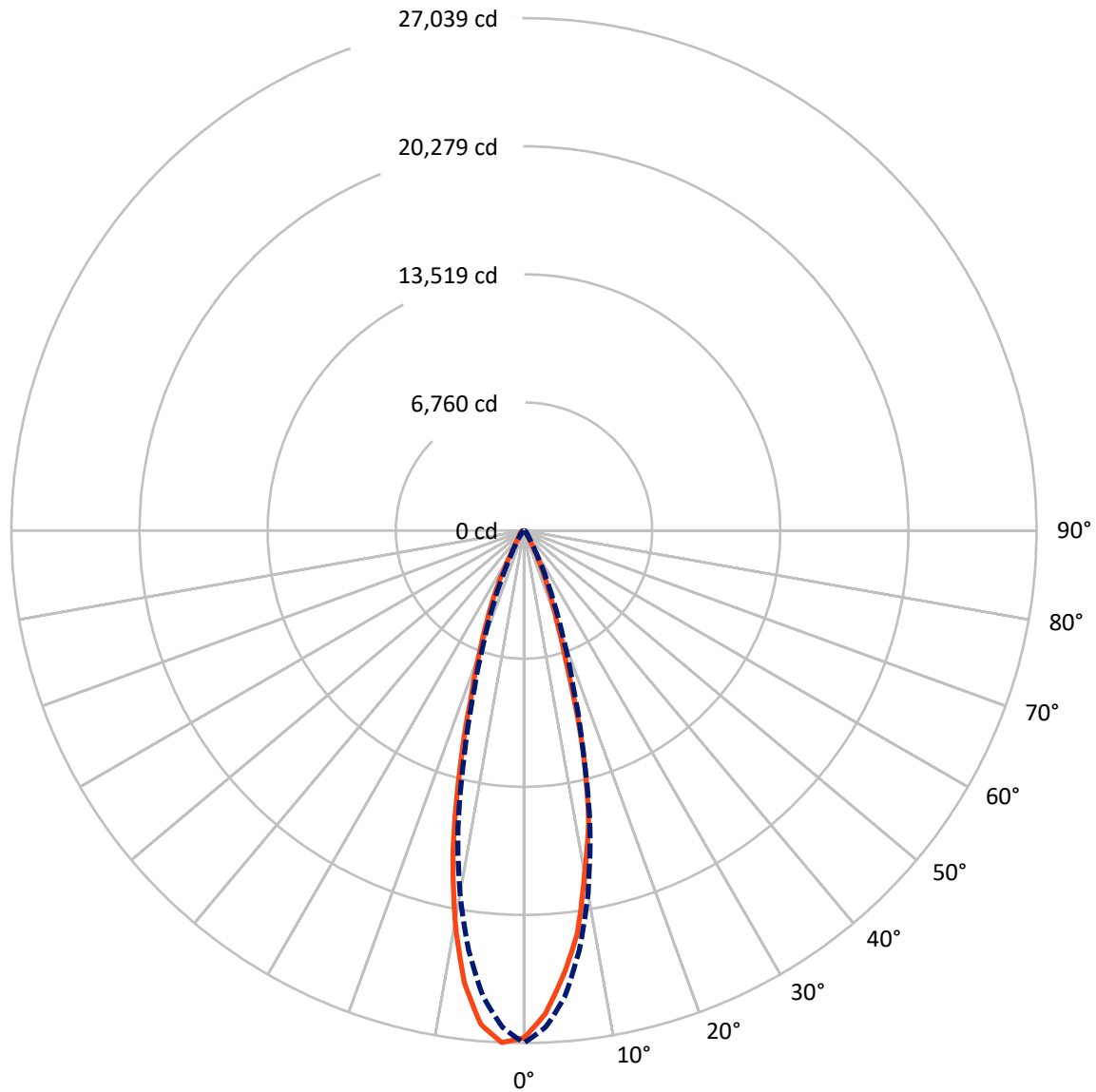
REPORT NUMBER: P626834 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.0	0.0		
70																			
60	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	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	0.9	1.2	1.4	1.4	1.2	0.9	0.5	0.2	0.0				0.0	
40	0.0	0.0	0.3	0.8	1.6	2.5	3.5	4.1	4.1	3.5	2.5	1.6	0.8	0.3	0.0	0.0	0.0		
30		0.1	0.6	1.6	3.0	5.0	8.3	11.0	11.0	8.3	5.0	3.0	1.6	0.6				0.1	
20	0.1	0.2	1.0	2.5	4.8	11.6	36.4	66.8	66.8	36.4	11.6	4.8	2.5	1.0	0.1	0.1	0.1		
10		0.4	1.4	3.4	8.2	39.9	162.4	318.0	318.0	162.4	39.9	8.2	3.4	1.4				0.4	
0	0.1	0.5	1.7	4.1	11.7	76.1	327.9	642.8	642.8	327.9	76.1	11.7	4.1	1.7	0.1	0.1	0.1		
-10		0.6	1.9	4.3	12.5	79.7	336.5	681.5	681.5	336.5	79.7	12.5	4.3	1.9				0.6	
-20	0.1	0.6	1.9	4.2	10.3	49.0	186.1	360.7	360.7	186.1	49.0	10.3	4.2	1.9	0.1	0.1	0.1		
-30		0.6	1.8	3.8	7.5	19.0	57.6	102.8	102.8	57.6	19.0	7.5	3.8	1.8				0.6	
-40	0.1	0.5	1.6	3.3	5.7	9.4	15.3	20.4	20.4	15.3	9.4	5.7	3.3	1.6	0.1	0.1	0.1		
-50		0.4	1.4	2.7	4.5	6.5	8.5	9.6	9.6	8.5	6.5	4.5	2.7	1.4				0.4	
-60	0.1	0.3	1.0	2.1	3.5	4.9	6.1	6.7	6.7	6.1	4.9	3.5	2.1	1.0	0.1	0.1	0.1		
-70		0.2	0.6	1.4	2.4	3.3	4.2	4.6	4.6	4.2	3.3	2.4	1.4	0.6				0.2	
-80	0.0	0.5	2.3	4.9	6.2	4.9	2.3	0.5	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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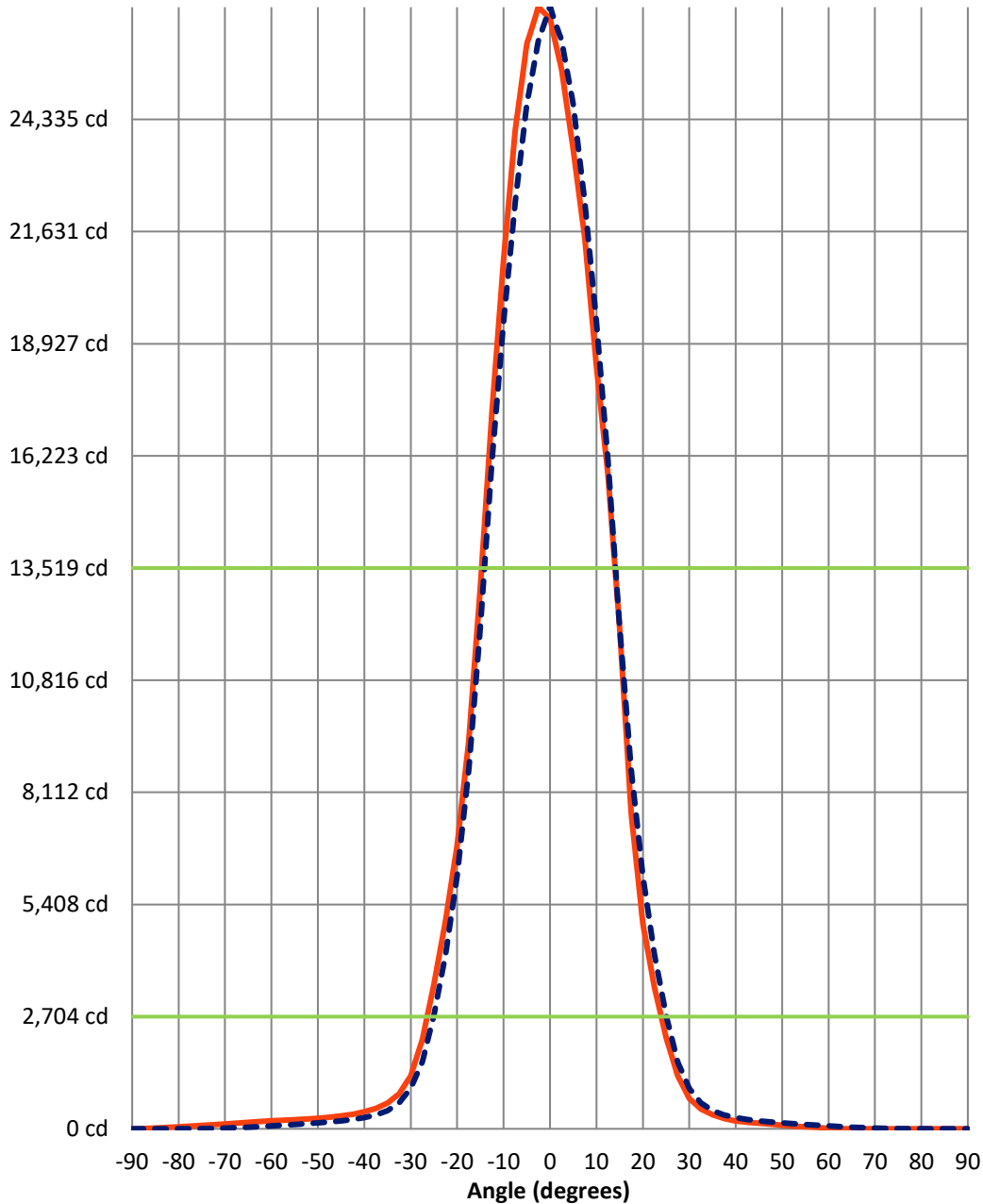
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 28.2°
V Angle: 28.7°
Lumens: 3834.5
Efficiency: 50.0%

Field:
H Angle: 50.2°
V Angle: 50.4°
Lumens: 6588.8
Efficiency: 85.9%

Spill:
Lumens: 1079.7
Efficiency: 14.1%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through -2.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	1	1
55°	0	0	0	0	0	0	0	0	1	1	1
52.5°	0	0	0	0	0	0	0	0	1	1	1
50°	0	0	0	0	0	0	0	1	2	1	1
47.5°	0	0	0	0	0	0	1	1	2	1	1
45°	0	0	0	0	0	1	1	2	2	2	2
42.5°	0	0	0	0	0	1	1	2	2	2	3
40°	0	0	0	0	0	1	1	2	2	2	4
37.5°	0	0	0	0	0	1	2	2	2	2	6
35°	0	0	0	0	0	1	2	2	3	4	7
32.5°	0	0	0	0	1	1	2	2	3	6	9
30°	0	0	0	0	1	2	2	2	4	7	11
27.5°	0	0	0	0	1	2	2	2	5	9	14
25°	0	0	0	0	1	2	2	3	6	10	16
22.5°	0	0	0	0	1	2	2	4	7	12	19
20°	0	0	0	0	1	2	2	4	8	14	22
17.5°	0	0	0	0	1	2	2	5	9	16	24
15°	0	0	0	0	1	2	2	6	10	18	27
12.5°	0	0	0	0	2	2	2	7	11	20	29
10°	0	0	0	0	2	2	2	7	12	21	31
7.5°	0	0	0	0	2	2	3	8	13	23	33
5°	0	0	0	0	2	2	3	9	14	25	35
2.5°	0	0	0	0	2	2	3	10	15	26	36
0°	0	0	0	0	2	2	3	10	15	27	37
-2.5°	0	0	0	0	2	2	4	10	17	28	39
-5°	0	0	0	0	2	2	5	11	18	29	39
-7.5°	0	0	0	0	2	2	5	11	19	30	40
-10°	0	0	0	0	2	2	6	11	20	30	41
-12.5°	0	0	0	1	2	3	6	11	21	31	41
-15°	0	0	0	1	2	3	7	11	21	31	42
-17.5°	0	0	0	1	2	3	7	11	21	31	43
-20°	0	0	0	1	2	3	7	12	20	31	43

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REPORT NUMBER: P626834 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	1	2	3	7	12	20	31	42
-25°	0	0	0	1	2	3	7	13	19	30	41
-27.5°	0	0	0	1	2	3	7	13	19	29	40
-30°	0	0	0	1	2	3	7	13	19	28	39
-32.5°	0	0	0	1	2	3	7	13	19	27	37
-35°	0	0	0	1	2	3	7	12	18	26	35
-37.5°	0	0	0	1	2	3	7	12	18	25	34
-40°	0	0	0	0	2	4	7	12	17	24	33
-42.5°	0	0	0	0	2	4	7	11	17	23	32
-45°	0	0	0	0	2	4	6	11	16	22	31
-47.5°	0	0	0	0	2	4	6	10	15	21	29
-50°	0	0	0	0	2	4	6	10	15	20	27
-52.5°	0	0	0	0	2	3	6	9	14	19	25
-55°	0	0	0	0	2	3	5	8	12	17	23
-57.5°	0	0	0	0	1	3	5	7	11	16	21
-60°	0	0	0	0	1	3	4	7	10	14	19
-62.5°	0	0	0	0	1	3	4	6	9	12	17
-65°	0	0	0	0	1	2	4	5	8	11	15
-67.5°	0	0	0	0	1	2	3	5	7	10	13
-70°	0	0	0	0	1	2	3	4	6	8	11
-72.5°	0	0	0	0	1	2	3	4	5	7	9
-75°	0	0	0	0	1	2	2	3	4	6	7
-77.5°	0	0	0	0	1	1	2	3	3	4	6
-80°	0	0	0	0	1	1	2	2	3	3	4
-82.5°	0	0	0	0	0	1	1	2	2	2	3
-85°	0	0	0	0	0	1	1	1	1	1	1
-87.5°	0	0	0	0	0	0	0	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626834 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	1	1	1	2	2	3
57.5°	0	0	1	1	1	2	3	3	5	8	9
55°	1	1	1	1	2	4	5	8	11	15	18
52.5°	1	2	2	3	5	7	11	15	19	23	26
50°	2	2	2	5	8	12	18	23	27	30	35
47.5°	2	3	5	9	13	19	26	31	34	41	47
45°	3	5	8	13	19	27	33	37	44	51	58
42.5°	4	8	12	17	26	34	40	46	53	61	69
40°	7	10	16	24	33	41	48	55	63	72	80
37.5°	9	14	21	30	40	48	57	65	74	84	93
35°	11	18	26	36	46	56	65	75	86	97	108
32.5°	14	22	31	42	53	64	74	86	98	110	123
30°	17	26	36	48	59	70	83	97	109	122	137
27.5°	21	30	41	53	64	77	93	106	119	134	149
25°	25	34	46	58	70	85	102	116	129	145	164
22.5°	28	38	51	62	76	93	110	125	141	156	178
20°	32	43	56	68	81	100	118	136	153	173	198
17.5°	35	47	61	74	89	108	127	146	166	190	221
15°	38	51	65	80	96	115	135	156	179	208	243
12.5°	41	54	70	85	102	122	142	164	191	225	269
10°	43	57	74	90	107	128	149	172	200	237	288
7.5°	46	60	78	94	112	133	154	178	208	247	304
5°	48	63	81	98	116	137	159	183	214	255	316
2.5°	50	66	83	100	119	139	161	187	219	263	326
0°	51	68	85	102	121	141	163	189	221	269	332
-2.5°	53	70	87	104	123	143	165	191	224	271	334
-5°	54	72	89	106	125	144	166	192	226	271	334
-7.5°	55	73	90	107	126	145	167	193	226	271	334
-10°	55	74	91	108	127	146	167	192	225	268	328
-12.5°	57	74	91	108	127	146	167	191	222	263	318
-15°	57	74	91	108	127	146	165	188	217	256	304
-17.5°	57	74	91	107	126	145	163	185	212	249	295
-20°	57	74	90	106	125	144	162	183	208	240	281

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CATALOG NUMBER: GFLD-SA2B-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	57	73	89	104	122	141	159	179	203	230	267
-25°	56	72	87	103	120	138	156	174	197	222	254
-27.5°	55	71	86	101	117	134	152	170	190	214	241
-30°	53	69	84	99	114	130	147	165	183	205	230
-32.5°	50	66	81	96	111	127	142	159	177	196	218
-35°	48	63	78	92	108	123	137	152	169	187	206
-37.5°	46	60	75	88	103	118	131	145	161	178	195
-40°	45	57	71	85	98	113	126	138	153	169	186
-42.5°	43	55	68	81	93	107	120	132	146	161	177
-45°	41	52	64	77	89	101	114	127	139	153	168
-47.5°	39	49	61	72	84	96	107	120	133	146	159
-50°	36	46	57	67	79	91	102	113	125	138	150
-52.5°	33	43	53	62	73	84	96	107	117	128	140
-55°	30	39	48	57	67	77	88	100	110	120	131
-57.5°	27	35	43	52	61	70	81	91	102	112	122
-60°	24	31	38	47	55	64	73	82	92	102	111
-62.5°	21	27	33	41	49	57	65	74	83	91	99
-65°	19	23	29	35	42	49	57	65	73	80	86
-67.5°	16	20	25	30	36	42	48	55	62	69	75
-70°	14	17	20	25	29	34	40	46	51	57	62
-72.5°	12	14	17	20	24	28	33	37	42	47	52
-75°	9	11	14	16	19	22	26	30	34	38	42
-77.5°	7	9	11	13	15	17	20	24	27	30	33
-80°	5	7	8	10	11	13	15	17	19	22	24
-82.5°	4	5	6	7	8	9	10	11	13	15	16
-85°	2	3	3	4	5	5	6	6	7	8	9
-87.5°	1	1	2	2	2	2	2	2	3	3	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626834 (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	1	1	2	2	2	2	2	2	2	2
60°	4	4	6	8	8	6	8	10	9	8	8
57.5°	12	15	17	18	20	24	25	24	25	26	29
55°	21	23	25	28	32	35	38	39	41	44	46
52.5°	28	32	35	39	43	46	47	52	56	59	61
50°	40	45	49	54	58	62	66	70	76	82	85
47.5°	53	58	64	71	76	80	84	91	98	105	110
45°	65	71	78	85	90	96	103	111	118	125	131
42.5°	76	82	90	98	103	111	120	128	138	147	154
40°	88	94	106	113	120	129	143	155	166	177	184
37.5°	103	114	126	135	144	155	174	193	207	222	232
35°	120	133	148	159	172	193	217	242	267	288	306
32.5°	137	152	167	183	204	234	263	303	341	379	416
30°	152	168	187	208	242	283	330	392	460	527	604
27.5°	167	186	208	242	293	349	436	534	674	786	966
25°	185	205	235	290	360	458	612	786	1074	1321	1598
22.5°	205	237	280	348	465	643	881	1261	1704	2115	2507
20°	231	274	347	455	623	896	1348	1925	2540	3142	3724
17.5°	265	334	437	592	829	1404	2077	2901	3955	4746	5497
15°	296	383	540	789	1236	1977	2917	4178	5597	6790	8140
12.5°	332	438	626	950	1589	2568	3766	5270	6950	8761	10875
10°	364	494	737	1182	1957	3096	4439	6204	8362	10924	13597
7.5°	389	541	829	1356	2267	3530	5132	7279	10011	13006	16054
5°	408	577	901	1493	2531	3882	5637	8128	11243	14681	17711
2.5°	423	602	949	1577	2709	4122	5983	8580	11997	15774	18956
0°	434	618	975	1636	2792	4236	6142	8763	12350	16310	19582
-2.5°	438	626	977	1615	2742	4203	6104	8651	12106	16097	19449
-5°	440	622	952	1573	2652	4070	5860	8226	11362	15105	18502
-7.5°	436	605	902	1467	2452	3809	5519	7595	10166	13466	16977
-10°	425	576	835	1324	2176	3391	4988	6742	8795	11490	14335
-12.5°	403	533	741	1110	1851	2918	4332	5883	7483	9254	11594
-15°	378	488	665	980	1549	2422	3567	4876	6204	7560	8988
-17.5°	359	450	587	807	1190	1895	2810	3863	4940	6017	6979
-20°	334	404	511	682	960	1377	2066	2885	3690	4568	5305

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REPORT NUMBER: P626834 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	312	371	452	559	746	1040	1433	2009	2621	3259	3864
-25°	292	336	400	486	598	773	1032	1333	1763	2155	2604
-27.5°	274	312	355	419	503	599	758	934	1159	1346	1646
-30°	257	287	323	364	426	499	584	691	801	912	1055
-32.5°	242	267	295	328	366	421	474	542	603	669	738
-35°	226	248	272	298	327	363	403	448	489	529	564
-37.5°	213	231	252	272	296	321	352	384	411	437	460
-40°	202	217	234	251	270	290	315	338	357	373	387
-42.5°	191	205	218	233	249	267	286	304	317	328	338
-45°	182	194	206	218	231	247	263	277	287	296	302
-47.5°	171	182	193	204	216	229	242	253	261	269	274
-50°	161	172	182	191	202	213	225	233	241	248	251
-52.5°	151	161	171	181	190	199	208	216	224	231	233
-55°	142	152	160	169	178	187	195	202	209	215	217
-57.5°	132	142	152	159	166	174	182	189	195	201	204
-60°	121	132	140	147	154	161	168	174	181	187	189
-62.5°	109	118	125	132	139	145	151	157	163	168	170
-65°	93	101	109	115	121	127	133	138	143	147	149
-67.5°	80	86	92	98	104	110	115	120	124	127	129
-70°	68	73	78	84	89	94	99	103	107	110	112
-72.5°	56	61	66	71	75	80	83	87	91	93	95
-75°	46	50	54	58	62	65	69	72	74	77	78
-77.5°	36	39	42	45	49	51	54	56	58	60	62
-80°	27	29	32	34	36	38	40	42	44	45	47
-82.5°	18	20	22	24	25	27	28	28	29	31	32
-85°	10	12	13	14	15	16	17	17	18	19	19
-87.5°	4	5	5	6	6	6	6	6	7	7	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626834 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	2	2	2	2	2	2	2	2	2	2	2
60°	7	7	7	7	7	7	7	8	8	9	10
57.5°	32	34	35	36	35	34	32	29	26	25	24
55°	48	50	50	49	50	50	48	46	44	41	39
52.5°	62	63	62	61	62	63	62	61	59	56	52
50°	87	86	86	87	86	86	87	85	82	76	70
47.5°	111	113	113	112	113	113	111	110	105	98	91
45°	133	135	135	135	135	135	133	131	125	118	111
42.5°	156	157	158	158	158	157	156	154	147	138	128
40°	187	188	188	187	188	188	187	184	177	166	155
37.5°	239	242	244	249	244	242	239	232	222	207	193
35°	320	329	333	341	333	329	320	306	288	267	242
32.5°	442	460	469	478	469	460	442	416	379	341	303
30°	657	692	706	732	706	692	657	604	527	460	392
27.5°	1099	1182	1215	1284	1215	1182	1099	966	786	674	534
25°	1851	2031	2130	2208	2130	2031	1851	1598	1321	1074	786
22.5°	2903	3166	3306	3410	3306	3166	2903	2507	2115	1704	1261
20°	4251	4598	4806	4956	4806	4598	4251	3724	3142	2540	1925
17.5°	6461	7007	7326	7600	7326	7007	6461	5497	4746	3955	2901
15°	9646	10742	11594	12069	11594	10742	9646	8140	6790	5597	4178
12.5°	12744	14350	15304	15743	15304	14350	12744	10875	8761	6950	5270
10°	15808	17322	18230	18390	18230	17322	15808	13597	10924	8362	6204
7.5°	18153	19819	21025	21463	21025	19819	18153	16054	13006	10011	7279
5°	20225	22175	23452	23613	23452	22175	20225	17711	14681	11243	8128
2.5°	21749	23869	25107	25532	25107	23869	21749	18956	15774	11997	8580
0°	22486	24769	26147	26766	26147	24769	22486	19582	16310	12350	8763
-2.5°	22331	24693	26230	27039	26230	24693	22331	19449	16097	12106	8651
-5°	21482	23850	25284	26143	25284	23850	21482	18502	15105	11362	8226
-7.5°	19524	21739	23265	24058	23265	21739	19524	16977	13466	10166	7595
-10°	17001	18875	20266	20942	20266	18875	17001	14335	11490	8795	6742
-12.5°	13722	15541	16795	17273	16795	15541	13722	11594	9254	7483	5883
-15°	10514	11901	12793	13075	12793	11901	10514	8988	7560	6204	4876
-17.5°	7973	8720	9222	9357	9222	8720	7973	6979	6017	4940	3863
-20°	5973	6436	6762	6839	6762	6436	5973	5305	4568	3690	2885

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REPORT NUMBER: P626834 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4352	4700	4963	5016	4963	4700	4352	3864	3259	2621	2009
-25°	3002	3293	3471	3485	3471	3293	3002	2604	2155	1763	1333
-27.5°	1882	2042	2125	2154	2125	2042	1882	1646	1346	1159	934
-30°	1163	1237	1276	1277	1276	1237	1163	1055	912	801	691
-32.5°	790	825	845	844	845	825	790	738	669	603	542
-35°	590	607	619	621	619	607	590	564	529	489	448
-37.5°	469	468	467	492	467	468	469	460	437	411	384
-40°	398	405	409	412	409	405	398	387	373	357	338
-42.5°	344	349	351	349	351	349	344	338	328	317	304
-45°	306	309	311	312	311	309	306	302	296	287	277
-47.5°	277	278	279	279	279	278	277	274	269	261	253
-50°	253	254	254	254	254	254	253	251	248	241	233
-52.5°	234	234	235	235	235	234	234	233	231	224	216
-55°	218	219	219	220	219	219	218	217	215	209	202
-57.5°	205	207	207	206	207	207	205	204	201	195	189
-60°	191	193	194	194	194	193	191	189	187	181	174
-62.5°	173	174	175	175	175	174	173	170	168	163	157
-65°	151	152	155	157	155	152	151	149	147	143	138
-67.5°	131	132	134	136	134	132	131	129	127	124	120
-70°	114	115	116	116	116	115	114	112	110	107	103
-72.5°	97	98	99	99	99	98	97	95	93	91	87
-75°	80	81	82	82	82	81	80	78	77	74	72
-77.5°	63	64	65	65	65	64	63	62	60	58	56
-80°	48	49	49	48	49	49	48	47	45	44	42
-82.5°	33	34	33	32	33	34	33	32	31	29	28
-85°	20	20	20	19	20	20	20	19	19	18	17
-87.5°	8	8	8	7	8	8	8	8	7	7	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626834 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	2	2	2	2	1	1	0	1	0	0	0
60°	8	6	8	8	6	4	4	3	2	2	1
57.5°	25	24	20	18	17	15	12	9	8	5	3
55°	38	35	32	28	25	23	21	18	15	11	8
52.5°	47	46	43	39	35	32	28	26	23	19	15
50°	66	62	58	54	49	45	40	35	30	27	23
47.5°	84	80	76	71	64	58	53	47	41	34	31
45°	103	96	90	85	78	71	65	58	51	44	37
42.5°	120	111	103	98	90	82	76	69	61	53	46
40°	143	129	120	113	106	94	88	80	72	63	55
37.5°	174	155	144	135	126	114	103	93	84	74	65
35°	217	193	172	159	148	133	120	108	97	86	75
32.5°	263	234	204	183	167	152	137	123	110	98	86
30°	330	283	242	208	187	168	152	137	122	109	97
27.5°	436	349	293	242	208	186	167	149	134	119	106
25°	612	458	360	290	235	205	185	164	145	129	116
22.5°	881	643	465	348	280	237	205	178	156	141	125
20°	1348	896	623	455	347	274	231	198	173	153	136
17.5°	2077	1404	829	592	437	334	265	221	190	166	146
15°	2917	1977	1236	789	540	383	296	243	208	179	156
12.5°	3766	2568	1589	950	626	438	332	269	225	191	164
10°	4439	3096	1957	1182	737	494	364	288	237	200	172
7.5°	5132	3530	2267	1356	829	541	389	304	247	208	178
5°	5637	3882	2531	1493	901	577	408	316	255	214	183
2.5°	5983	4122	2709	1577	949	602	423	326	263	219	187
0°	6142	4236	2792	1636	975	618	434	332	269	221	189
-2.5°	6104	4203	2742	1615	977	626	438	334	271	224	191
-5°	5860	4070	2652	1573	952	622	440	334	271	226	192
-7.5°	5519	3809	2452	1467	902	605	436	334	271	226	193
-10°	4988	3391	2176	1324	835	576	425	328	268	225	192
-12.5°	4332	2918	1851	1110	741	533	403	318	263	222	191
-15°	3567	2422	1549	980	665	488	378	304	256	217	188
-17.5°	2810	1895	1190	807	587	450	359	295	249	212	185
-20°	2066	1377	960	682	511	404	334	281	240	208	183

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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1433	1040	746	559	452	371	312	267	230	203	179
-25°	1032	773	598	486	400	336	292	254	222	197	174
-27.5°	758	599	503	419	355	312	274	241	214	190	170
-30°	584	499	426	364	323	287	257	230	205	183	165
-32.5°	474	421	366	328	295	267	242	218	196	177	159
-35°	403	363	327	298	272	248	226	206	187	169	152
-37.5°	352	321	296	272	252	231	213	195	178	161	145
-40°	315	290	270	251	234	217	202	186	169	153	138
-42.5°	286	267	249	233	218	205	191	177	161	146	132
-45°	263	247	231	218	206	194	182	168	153	139	127
-47.5°	242	229	216	204	193	182	171	159	146	133	120
-50°	225	213	202	191	182	172	161	150	138	125	113
-52.5°	208	199	190	181	171	161	151	140	128	117	107
-55°	195	187	178	169	160	152	142	131	120	110	100
-57.5°	182	174	166	159	152	142	132	122	112	102	91
-60°	168	161	154	147	140	132	121	111	102	92	82
-62.5°	151	145	139	132	125	118	109	99	91	83	74
-65°	133	127	121	115	109	101	93	86	80	73	65
-67.5°	115	110	104	98	92	86	80	75	69	62	55
-70°	99	94	89	84	78	73	68	62	57	51	46
-72.5°	83	80	75	71	66	61	56	52	47	42	37
-75°	69	65	62	58	54	50	46	42	38	34	30
-77.5°	54	51	49	45	42	39	36	33	30	27	24
-80°	40	38	36	34	32	29	27	24	22	19	17
-82.5°	28	27	25	24	22	20	18	16	15	13	11
-85°	17	16	15	14	13	12	10	9	8	7	6
-87.5°	6	6	6	6	5	5	4	4	3	3	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	1	1	0	0	0	0	0	0	0	0	0
57.5°	3	2	1	1	1	0	0	1	1	0	0
55°	5	4	2	1	1	1	1	1	1	1	0
52.5°	11	7	5	3	2	2	1	1	1	1	0
50°	18	12	8	5	2	2	2	1	1	2	1
47.5°	26	19	13	9	5	3	2	1	1	2	1
45°	33	27	19	13	8	5	3	2	2	2	2
42.5°	40	34	26	17	12	8	4	3	2	2	2
40°	48	41	33	24	16	10	7	4	2	2	2
37.5°	57	48	40	30	21	14	9	6	2	2	2
35°	65	56	46	36	26	18	11	7	4	3	2
32.5°	74	64	53	42	31	22	14	9	6	3	2
30°	83	70	59	48	36	26	17	11	7	4	2
27.5°	93	77	64	53	41	30	21	14	9	5	2
25°	102	85	70	58	46	34	25	16	10	6	3
22.5°	110	93	76	62	51	38	28	19	12	7	4
20°	118	100	81	68	56	43	32	22	14	8	4
17.5°	127	108	89	74	61	47	35	24	16	9	5
15°	135	115	96	80	65	51	38	27	18	10	6
12.5°	142	122	102	85	70	54	41	29	20	11	7
10°	149	128	107	90	74	57	43	31	21	12	7
7.5°	154	133	112	94	78	60	46	33	23	13	8
5°	159	137	116	98	81	63	48	35	25	14	9
2.5°	161	139	119	100	83	66	50	36	26	15	10
0°	163	141	121	102	85	68	51	37	27	15	10
-2.5°	165	143	123	104	87	70	53	39	28	17	10
-5°	166	144	125	106	89	72	54	39	29	18	11
-7.5°	167	145	126	107	90	73	55	40	30	19	11
-10°	167	146	127	108	91	74	55	41	30	20	11
-12.5°	167	146	127	108	91	74	57	41	31	21	11
-15°	165	146	127	108	91	74	57	42	31	21	11
-17.5°	163	145	126	107	91	74	57	43	31	21	11
-20°	162	144	125	106	90	74	57	43	31	20	12

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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°	159	141	122	104	89	73	57	42	31	20	12
-25°	156	138	120	103	87	72	56	41	30	19	13
-27.5°	152	134	117	101	86	71	55	40	29	19	13
-30°	147	130	114	99	84	69	53	39	28	19	13
-32.5°	142	127	111	96	81	66	50	37	27	19	13
-35°	137	123	108	92	78	63	48	35	26	18	12
-37.5°	131	118	103	88	75	60	46	34	25	18	12
-40°	126	113	98	85	71	57	45	33	24	17	12
-42.5°	120	107	93	81	68	55	43	32	23	17	11
-45°	114	101	89	77	64	52	41	31	22	16	11
-47.5°	107	96	84	72	61	49	39	29	21	15	10
-50°	102	91	79	67	57	46	36	27	20	15	10
-52.5°	96	84	73	62	53	43	33	25	19	14	9
-55°	88	77	67	57	48	39	30	23	17	12	8
-57.5°	81	70	61	52	43	35	27	21	16	11	7
-60°	73	64	55	47	38	31	24	19	14	10	7
-62.5°	65	57	49	41	33	27	21	17	12	9	6
-65°	57	49	42	35	29	23	19	15	11	8	5
-67.5°	48	42	36	30	25	20	16	13	10	7	5
-70°	40	34	29	25	20	17	14	11	8	6	4
-72.5°	33	28	24	20	17	14	12	9	7	5	4
-75°	26	22	19	16	14	11	9	7	6	4	3
-77.5°	20	17	15	13	11	9	7	6	4	3	3
-80°	15	13	11	10	8	7	5	4	3	3	2
-82.5°	10	9	8	7	6	5	4	3	2	2	2
-85°	6	5	5	4	3	3	2	1	1	1	1
-87.5°	2	2	2	2	2	1	1	1	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: P626834 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0
47.5°	1	0	0	0	0	0	0
45°	1	1	0	0	0	0	0
42.5°	1	1	0	0	0	0	0
40°	1	1	0	0	0	0	0
37.5°	2	1	0	0	0	0	0
35°	2	1	0	0	0	0	0
32.5°	2	1	1	0	0	0	0
30°	2	2	1	0	0	0	0
27.5°	2	2	1	0	0	0	0
25°	2	2	1	0	0	0	0
22.5°	2	2	1	0	0	0	0
20°	2	2	1	0	0	0	0
17.5°	2	2	1	0	0	0	0
15°	2	2	1	0	0	0	0
12.5°	2	2	2	0	0	0	0
10°	2	2	2	0	0	0	0
7.5°	3	2	2	0	0	0	0
5°	3	2	2	0	0	0	0
2.5°	3	2	2	0	0	0	0
0°	3	2	2	0	0	0	0
-2.5°	4	2	2	0	0	0	0
-5°	5	2	2	0	0	0	0
-7.5°	5	2	2	0	0	0	0
-10°	6	2	2	0	0	0	0
-12.5°	6	3	2	1	0	0	0
-15°	7	3	2	1	0	0	0
-17.5°	7	3	2	1	0	0	0
-20°	7	3	2	1	0	0	0

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CATALOG NUMBER: GFLD-SA2B-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)