

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: P626616 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-735-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626616 (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-SA1B-735-U-MWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4293.9 lumens
Efficiency: N/A
Efficacy: 128.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 6015.7 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 2876 lumens
Beam Efficiency: 67.0%

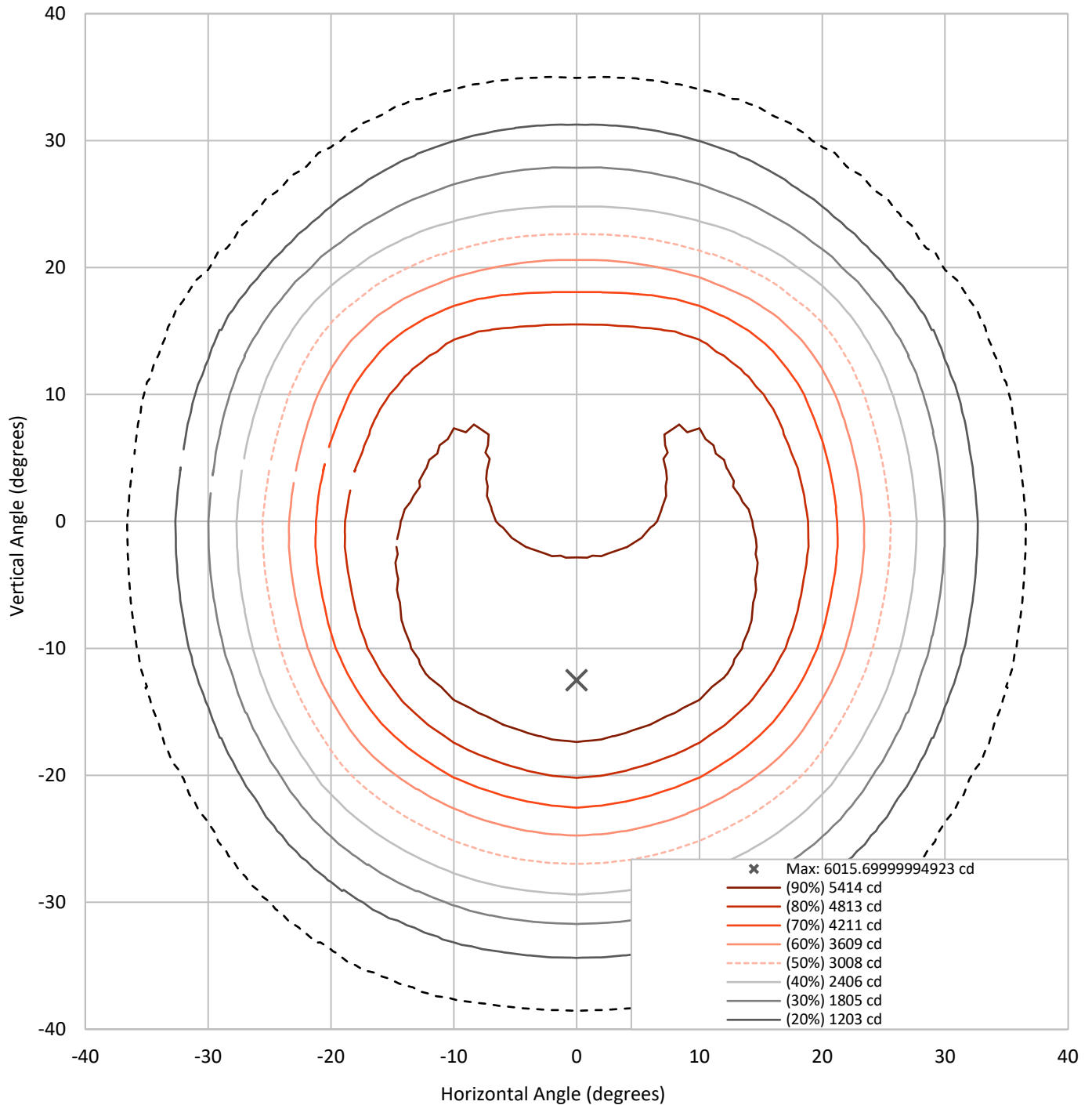
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 3872.4 lumens
Field Efficiency: 90.2%

Input Watts (W): 33.5
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: P626616 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-735-U-MWR-VSR-XX

Iso-Candela Plot





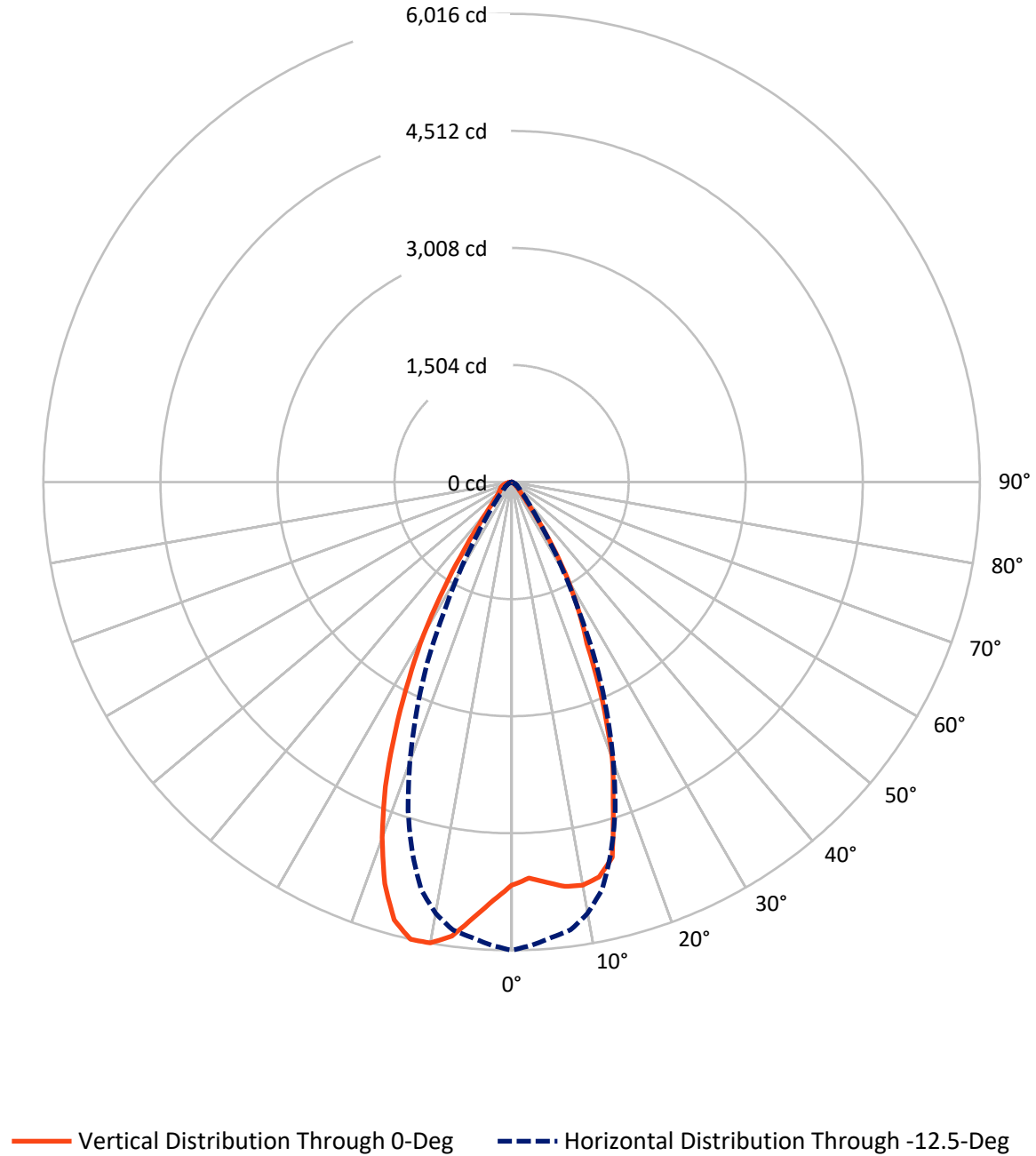
REPORT NUMBER: P626616 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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								
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	0.1	0.3	0.6	0.8	1.0	1.0	0.8	0.6	0.3	0.1	0.0		0.0							
40	0.0	0.0	0.2	0.6	1.2	2.0	2.9	3.6	3.6	2.9	2.0	1.2	0.6	0.2	0.0	0.0							
30		0.1	0.5	1.2	2.6	5.6	12.7	19.4	19.4	12.7	5.6	2.6	1.2	0.5	0.1								
20	0.0	0.2	0.8	2.0	5.4	20.0	51.4	71.8	71.8	51.4	20.0	5.4	2.0	0.8	0.2	0.0							
10		0.3	1.1	3.1	12.8	55.4	115.6	143.2	143.2	115.6	55.4	12.8	3.1	1.1	0.3								
0	0.1	0.4	1.4	4.0	20.4	81.6	149.1	161.6	161.6	149.1	81.6	20.4	4.0	1.4	0.4	0.1							
-10		0.4	1.5	4.3	21.4	84.3	154.5	171.6	171.6	154.5	84.3	21.4	4.3	1.5	0.4								
-20	0.1	0.5	1.6	3.9	15.3	62.8	130.3	166.4	166.4	130.3	62.8	15.3	3.9	1.6	0.5	0.1							
-30		0.5	1.5	3.2	8.5	30.5	72.6	102.2	102.2	72.6	30.5	8.5	3.2	1.5	0.5								
-40	0.1	0.4	1.3	2.7	5.1	10.8	22.7	33.7	33.7	22.7	10.8	5.1	2.7	1.3	0.4	0.1							
-50		0.3	1.1	2.2	3.7	5.5	7.7	9.2	9.2	7.7	5.5	3.7	2.2	1.1	0.3								
-60	0.1	0.3	0.8	1.8	2.9	4.1	5.1	5.5	5.5	5.1	4.1	2.9	1.8	0.8	0.3	0.1							
-70		0.2	0.5	1.2	2.1	2.9	3.7	4.1	4.1	3.7	2.9	2.1	1.2	0.5	0.2								
-80	0.0	0.5	2.2	4.6	5.9	4.6	2.2	0.5	0.0														
-90																							
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90				

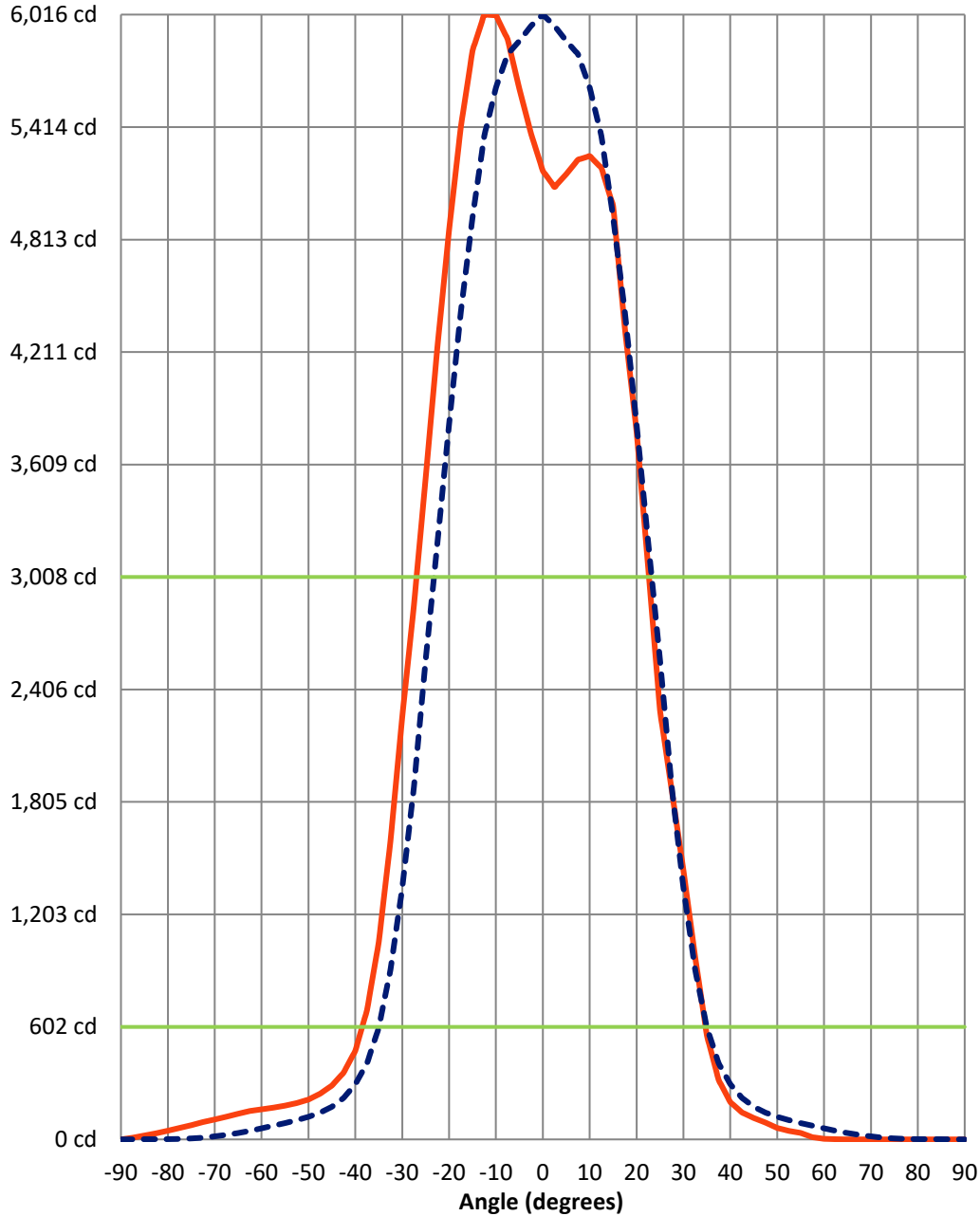
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 2876
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 3872.4
 Efficiency: 90.2%

Spill:
 Lumens: 421.6
 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	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	1	0	0	0	0	1	1
60°	0	0	0	0	1	0	0	0	1	1	1
57.5°	0	0	0	1	1	0	0	1	1	1	1
55°	0	0	0	1	1	0	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	1
47.5°	0	0	0	1	1	1	1	1	1	1	1
45°	0	0	0	1	1	1	1	1	1	1	2
42.5°	0	0	0	1	1	1	1	1	1	2	2
40°	0	0	1	1	1	1	1	1	1	2	2
37.5°	0	0	1	1	1	1	1	1	2	2	3
35°	0	0	1	1	1	1	2	1	2	3	4
32.5°	0	0	1	1	1	1	2	2	2	4	6
30°	0	0	1	1	1	1	2	2	3	4	8
27.5°	0	0	1	1	1	1	2	2	3	5	10
25°	0	0	1	1	1	2	2	2	4	7	11
22.5°	0	0	1	1	1	2	2	3	5	8	13
20°	0	0	1	1	1	2	2	3	6	9	16
17.5°	0	0	1	1	1	2	2	3	6	11	18
15°	0	0	1	1	1	2	2	4	7	12	20
12.5°	0	0	1	1	1	2	2	4	8	13	22
10°	0	0	1	1	1	2	2	5	9	14	24
7.5°	0	0	1	1	1	2	3	6	9	16	26
5°	0	0	1	1	1	2	3	7	10	18	27
2.5°	0	0	1	1	1	2	3	7	10	19	28
0°	0	0	1	1	1	2	3	8	11	21	29
-2.5°	0	0	1	1	1	2	4	8	12	22	30
-5°	0	0	1	1	1	2	4	8	14	22	31
-7.5°	0	0	1	1	1	2	4	9	15	23	33
-10°	0	0	1	1	1	2	5	9	16	24	33
-12.5°	0	0	1	1	1	2	5	9	16	24	34
-15°	0	0	1	1	1	2	5	9	17	24	34
-17.5°	0	0	1	1	1	3	6	9	16	24	34
-20°	0	0	1	1	2	3	6	10	16	24	34

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CATALOG NUMBER: GFLD-SA1B-735-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	3	6	10	16	24	33
-25°	0	0	1	1	2	3	6	10	16	24	32
-27.5°	0	0	1	1	2	3	6	10	15	23	31
-30°	0	0	1	1	1	3	6	10	15	22	30
-32.5°	0	0	1	1	2	3	5	10	15	22	29
-35°	0	0	1	1	2	3	5	9	14	21	27
-37.5°	0	0	1	1	2	3	5	9	14	20	27
-40°	0	0	1	1	2	3	5	9	13	19	27
-42.5°	0	0	1	1	2	3	5	8	12	18	26
-45°	0	0	1	1	2	3	5	8	12	17	25
-47.5°	0	0	1	1	2	3	5	8	11	16	23
-50°	0	0	1	1	2	3	5	7	11	15	21
-52.5°	0	0	1	1	2	3	5	7	10	14	19
-55°	0	0	1	1	2	3	5	7	10	14	18
-57.5°	0	0	1	1	2	3	4	6	9	13	17
-60°	0	0	1	1	2	3	4	6	8	12	16
-62.5°	0	0	1	1	2	3	4	6	8	11	14
-65°	0	0	1	1	2	2	4	5	7	10	13
-67.5°	0	0	1	1	2	2	3	5	6	9	11
-70°	0	0	1	1	2	2	3	4	6	7	10
-72.5°	0	0	1	1	2	2	3	4	5	6	8
-75°	0	0	0	1	1	2	2	3	4	5	7
-77.5°	0	0	0	1	1	2	2	3	3	4	5
-80°	0	0	0	1	1	1	2	2	3	4	4
-82.5°	0	0	0	0	1	1	2	2	3	3	3
-85°	0	0	0	0	1	1	1	1	2	2	3
-87.5°	0	0	0	0	0	0	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626616 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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°	0	1	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	0	1	1	1	0	0	0	0
60°	1	1	1	1	1	1	1	1	1	1	2
57.5°	1	1	1	1	1	1	1	1	4	6	7
55°	1	1	1	1	2	2	3	6	8	10	11
52.5°	1	1	2	2	2	4	7	10	13	15	17
50°	1	2	2	3	4	8	12	15	18	22	25
47.5°	2	2	3	4	8	12	17	21	25	30	35
45°	2	3	4	8	12	18	23	28	33	38	43
42.5°	3	5	7	11	17	24	30	34	39	45	51
40°	4	7	10	16	23	31	36	41	46	53	61
37.5°	6	9	14	21	29	37	42	48	55	64	73
35°	8	12	18	26	36	43	49	56	65	76	87
32.5°	11	15	23	32	41	48	55	65	75	87	102
30°	13	18	27	37	45	53	63	74	84	98	116
27.5°	15	22	32	42	50	58	71	82	93	109	131
25°	18	26	36	45	54	64	78	90	102	122	151
22.5°	21	30	40	49	58	71	86	101	116	136	172
20°	24	34	44	53	62	78	94	112	133	162	208
17.5°	27	37	47	58	69	85	103	124	151	186	254
15°	30	40	51	62	75	92	112	138	170	214	298
12.5°	32	42	54	66	80	98	120	148	186	249	355
10°	34	45	58	71	85	104	127	157	199	274	397
7.5°	36	47	61	75	89	109	133	163	211	294	430
5°	38	50	63	78	93	113	137	169	220	308	456
2.5°	39	53	65	80	95	116	141	174	229	320	477
0°	40	55	67	82	97	118	144	177	237	328	494
-2.5°	42	56	69	83	99	120	145	180	239	330	491
-5°	43	57	71	85	102	121	146	181	239	327	481
-7.5°	44	58	73	85	103	122	146	181	236	322	464
-10°	45	59	73	87	103	122	145	178	231	311	440
-12.5°	46	59	73	87	103	121	143	174	222	295	408
-15°	46	59	73	87	103	119	140	169	210	274	368
-17.5°	47	60	73	86	102	118	136	162	199	255	340
-20°	46	59	73	85	100	116	133	157	190	237	306

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CATALOG NUMBER: GFLD-SA1B-735-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°	46	59	72	84	99	113	130	151	179	217	273
-25°	45	58	71	83	96	111	126	144	168	203	249
-27.5°	43	57	70	82	94	108	122	139	160	186	223
-30°	41	55	68	80	92	105	118	132	151	174	204
-32.5°	39	54	66	77	90	102	115	128	144	163	186
-35°	38	51	63	75	87	99	111	123	136	153	173
-37.5°	37	49	61	72	83	95	106	118	130	143	161
-40°	36	46	58	69	79	91	102	113	124	138	151
-42.5°	34	44	56	67	76	87	98	108	119	132	145
-45°	33	42	53	63	73	83	93	103	114	126	138
-47.5°	31	40	50	59	69	79	89	98	108	119	131
-50°	29	37	47	55	64	74	83	93	103	112	122
-52.5°	26	34	43	51	59	68	78	88	97	106	115
-55°	24	31	39	47	55	62	71	81	91	100	109
-57.5°	22	28	35	43	51	58	66	75	84	93	102
-60°	20	25	31	39	46	54	62	70	78	86	94
-62.5°	18	22	28	34	41	48	56	63	71	78	85
-65°	16	20	24	29	35	42	49	56	63	69	76
-67.5°	14	18	21	25	30	35	41	48	54	60	66
-70°	12	15	18	21	25	30	35	40	45	51	57
-72.5°	10	13	15	18	21	25	29	33	38	43	48
-75°	9	10	13	15	18	21	24	28	31	35	39
-77.5°	7	8	10	12	14	16	19	22	25	28	31
-80°	5	6	8	9	11	13	14	16	19	21	24
-82.5°	4	5	6	7	8	9	10	12	13	15	17
-85°	3	3	4	4	5	6	7	7	8	10	11
-87.5°	1	2	2	2	3	3	3	3	4	5	5
-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°	0	0	0	0	0	0	0	1	1	1	1
60°	3	2	3	3	3	2	4	4	4	3	3
57.5°	7	7	9	10	11	12	13	14	14	15	15
55°	13	15	18	19	21	24	27	27	28	29	30
52.5°	20	23	25	27	31	34	35	37	40	42	44
50°	29	32	35	39	43	45	46	50	55	59	62
47.5°	39	42	47	54	58	60	65	70	75	81	86
45°	47	53	60	66	71	76	81	88	96	104	110
42.5°	57	64	71	78	83	91	101	108	121	131	138
40°	69	75	85	94	104	115	131	147	162	180	193
37.5°	82	93	107	120	136	151	181	212	236	271	291
35°	99	115	135	155	179	218	261	320	381	432	481
32.5°	118	138	166	202	243	304	370	478	584	689	793
30°	136	166	208	258	326	423	546	713	895	1054	1197
27.5°	161	204	258	332	448	590	818	1050	1281	1487	1635
25°	191	248	325	448	616	851	1156	1441	1712	1914	2084
22.5°	235	320	429	586	890	1217	1582	1940	2245	2500	2667
20°	289	404	587	871	1228	1638	2107	2484	2859	3146	3402
17.5°	365	548	806	1167	1594	2141	2623	3044	3520	3813	4074
15°	434	669	1037	1498	1998	2577	3146	3662	4121	4443	4735
12.5°	520	797	1220	1762	2309	2954	3546	4098	4548	4879	5083
10°	598	929	1403	1971	2582	3256	3870	4444	4880	5136	5286
7.5°	661	1038	1552	2149	2795	3473	4121	4691	5108	5322	5425
5°	709	1119	1668	2295	2966	3659	4321	4879	5230	5407	5465
2.5°	746	1175	1746	2391	3081	3797	4473	5023	5322	5450	5469
0°	770	1215	1797	2451	3180	3847	4555	5113	5398	5501	5511
-2.5°	765	1201	1795	2429	3169	3869	4568	5119	5424	5562	5584
-5°	749	1167	1735	2367	3079	3780	4447	5028	5403	5611	5703
-7.5°	719	1109	1634	2248	2933	3635	4314	4918	5349	5642	5822
-10°	668	1023	1503	2098	2772	3441	4113	4740	5204	5556	5808
-12.5°	598	908	1345	1885	2563	3188	3824	4424	4931	5365	5625
-15°	526	787	1180	1674	2264	2879	3467	4056	4556	4963	5287
-17.5°	475	682	989	1421	1940	2523	3097	3638	4089	4471	4811
-20°	410	563	806	1170	1627	2137	2686	3168	3571	3929	4253



REPORT NUMBER: P626616 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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°	358	482	658	906	1316	1766	2216	2659	3038	3357	3634
-25°	311	398	536	738	1004	1393	1771	2146	2495	2792	3041
-27.5°	274	344	435	579	781	1008	1340	1653	1953	2225	2460
-30°	241	293	364	454	592	760	960	1194	1434	1648	1861
-32.5°	217	254	303	370	447	567	688	845	997	1153	1307
-35°	195	225	258	303	356	426	506	602	683	785	879
-37.5°	180	201	227	255	293	332	386	444	495	552	599
-40°	168	184	202	221	247	273	308	341	373	407	433
-42.5°	158	171	183	198	213	235	258	279	298	318	335
-45°	150	159	170	181	193	208	224	240	252	264	273
-47.5°	141	150	159	167	177	189	199	209	220	228	235
-50°	132	141	149	157	165	174	183	190	198	205	209
-52.5°	124	133	141	148	155	162	170	177	183	189	192
-55°	118	126	134	140	146	153	159	165	172	177	179
-57.5°	111	119	127	133	138	144	150	156	162	167	169
-60°	103	112	118	124	130	136	141	147	152	157	158
-62.5°	93	101	107	113	118	123	129	135	140	145	148
-65°	82	89	95	100	105	110	116	121	126	130	133
-67.5°	72	77	82	87	92	97	102	107	112	115	118
-70°	62	67	72	76	81	85	89	93	97	101	103
-72.5°	52	57	61	65	69	73	76	80	83	86	88
-75°	43	47	50	54	57	60	63	66	69	71	73
-77.5°	34	37	40	43	46	48	50	53	55	57	58
-80°	26	28	30	33	35	37	38	40	42	43	44
-82.5°	19	20	22	23	24	26	27	28	29	30	31
-85°	12	13	14	14	15	16	17	17	18	19	19
-87.5°	6	6	6	7	7	8	8	8	9	9	9
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626616 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-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°	3	3	3	3	3	3	3	3	3	4	4
57.5°	15	14	13	12	13	14	15	15	15	14	14
55°	32	34	35	35	35	34	32	30	29	28	27
52.5°	46	47	46	45	46	47	46	44	42	40	37
50°	63	63	62	61	62	63	63	62	59	55	50
47.5°	88	89	90	90	90	89	88	86	81	75	70
45°	113	114	115	114	115	114	113	110	104	96	88
42.5°	142	144	145	144	145	144	142	138	131	121	108
40°	201	204	202	199	202	204	201	193	180	162	147
37.5°	304	314	318	319	318	314	304	291	271	236	212
35°	525	560	576	556	576	560	525	481	432	381	320
32.5°	877	939	975	975	975	939	877	793	689	584	478
30°	1306	1384	1428	1437	1428	1384	1306	1197	1054	895	713
27.5°	1751	1831	1873	1867	1873	1831	1751	1635	1487	1281	1050
25°	2197	2258	2293	2294	2293	2258	2197	2084	1914	1712	1441
22.5°	2856	2985	3038	3052	3038	2985	2856	2667	2500	2245	1940
20°	3575	3699	3780	3785	3780	3699	3575	3402	3146	2859	2484
17.5°	4260	4321	4333	4338	4333	4321	4260	4074	3813	3520	3044
15°	4905	4927	4984	4991	4984	4927	4905	4735	4443	4121	3662
12.5°	5212	5231	5222	5195	5222	5231	5212	5083	4879	4548	4098
10°	5379	5351	5309	5259	5309	5351	5379	5286	5136	4880	4444
7.5°	5416	5385	5312	5240	5312	5385	5416	5425	5322	5108	4691
5°	5434	5343	5251	5163	5251	5343	5434	5465	5407	5230	4879
2.5°	5424	5316	5188	5094	5188	5316	5424	5469	5450	5322	5023
0°	5458	5349	5216	5180	5216	5349	5458	5511	5501	5398	5113
-2.5°	5555	5466	5397	5378	5397	5466	5555	5584	5562	5424	5119
-5°	5728	5709	5590	5618	5590	5709	5728	5703	5611	5403	5028
-7.5°	5896	5868	5818	5883	5818	5868	5896	5822	5642	5349	4918
-10°	5940	5931	5954	6012	5954	5931	5940	5808	5556	5204	4740
-12.5°	5804	5875	5955	6016	5955	5875	5804	5625	5365	4931	4424
-15°	5499	5646	5765	5822	5765	5646	5499	5287	4963	4556	4056
-17.5°	5051	5230	5373	5413	5373	5230	5051	4811	4471	4089	3638
-20°	4499	4682	4811	4863	4811	4682	4499	4253	3929	3571	3168

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CATALOG NUMBER: GFLD-SA1B-735-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°	3878	4057	4174	4235	4174	4057	3878	3634	3357	3038	2659
-25°	3248	3405	3509	3536	3509	3405	3248	3041	2792	2495	2146
-27.5°	2645	2771	2848	2857	2848	2771	2645	2460	2225	1953	1653
-30°	2039	2156	2223	2258	2223	2156	2039	1861	1648	1434	1194
-32.5°	1432	1525	1581	1596	1581	1525	1432	1307	1153	997	845
-35°	955	1013	1048	1055	1048	1013	955	879	785	683	602
-37.5°	638	667	684	692	684	667	638	599	552	495	444
-40°	452	466	473	474	473	466	452	433	407	373	341
-42.5°	346	353	356	357	356	353	346	335	318	298	279
-45°	280	284	287	288	287	284	280	273	264	252	240
-47.5°	239	242	244	245	244	242	239	235	228	220	209
-50°	211	213	213	213	213	213	211	209	205	198	190
-52.5°	193	194	195	194	195	194	193	192	189	183	177
-55°	180	181	181	181	181	181	180	179	177	172	165
-57.5°	170	171	171	170	171	171	170	169	167	162	156
-60°	160	161	161	161	161	161	160	158	157	152	147
-62.5°	150	152	152	152	152	152	150	148	145	140	135
-65°	136	138	138	137	138	138	136	133	130	126	121
-67.5°	120	122	122	121	122	122	120	118	115	112	107
-70°	105	107	107	107	107	107	105	103	101	97	93
-72.5°	90	92	93	93	93	92	90	88	86	83	80
-75°	75	76	76	76	76	76	75	73	71	69	66
-77.5°	60	62	62	61	62	62	60	58	57	55	53
-80°	46	47	47	46	47	47	46	44	43	42	40
-82.5°	32	33	33	33	33	33	32	31	30	29	28
-85°	20	21	21	21	21	21	20	19	19	18	17
-87.5°	10	10	9	9	9	10	10	9	9	9	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626616 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-735-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°	0	0	0	0	0	0	0	0	0	0	0
60°	4	2	3	3	3	2	3	2	1	1	1
57.5°	13	12	11	10	9	7	7	7	6	4	1
55°	27	24	21	19	18	15	13	11	10	8	6
52.5°	35	34	31	27	25	23	20	17	15	13	10
50°	46	45	43	39	35	32	29	25	22	18	15
47.5°	65	60	58	54	47	42	39	35	30	25	21
45°	81	76	71	66	60	53	47	43	38	33	28
42.5°	101	91	83	78	71	64	57	51	45	39	34
40°	131	115	104	94	85	75	69	61	53	46	41
37.5°	181	151	136	120	107	93	82	73	64	55	48
35°	261	218	179	155	135	115	99	87	76	65	56
32.5°	370	304	243	202	166	138	118	102	87	75	65
30°	546	423	326	258	208	166	136	116	98	84	74
27.5°	818	590	448	332	258	204	161	131	109	93	82
25°	1156	851	616	448	325	248	191	151	122	102	90
22.5°	1582	1217	890	586	429	320	235	172	136	116	101
20°	2107	1638	1228	871	587	404	289	208	162	133	112
17.5°	2623	2141	1594	1167	806	548	365	254	186	151	124
15°	3146	2577	1998	1498	1037	669	434	298	214	170	138
12.5°	3546	2954	2309	1762	1220	797	520	355	249	186	148
10°	3870	3256	2582	1971	1403	929	598	397	274	199	157
7.5°	4121	3473	2795	2149	1552	1038	661	430	294	211	163
5°	4321	3659	2966	2295	1668	1119	709	456	308	220	169
2.5°	4473	3797	3081	2391	1746	1175	746	477	320	229	174
0°	4555	3847	3180	2451	1797	1215	770	494	328	237	177
-2.5°	4568	3869	3169	2429	1795	1201	765	491	330	239	180
-5°	4447	3780	3079	2367	1735	1167	749	481	327	239	181
-7.5°	4314	3635	2933	2248	1634	1109	719	464	322	236	181
-10°	4113	3441	2772	2098	1503	1023	668	440	311	231	178
-12.5°	3824	3188	2563	1885	1345	908	598	408	295	222	174
-15°	3467	2879	2264	1674	1180	787	526	368	274	210	169
-17.5°	3097	2523	1940	1421	989	682	475	340	255	199	162
-20°	2686	2137	1627	1170	806	563	410	306	237	190	157

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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°	2216	1766	1316	906	658	482	358	273	217	179	151
-25°	1771	1393	1004	738	536	398	311	249	203	168	144
-27.5°	1340	1008	781	579	435	344	274	223	186	160	139
-30°	960	760	592	454	364	293	241	204	174	151	132
-32.5°	688	567	447	370	303	254	217	186	163	144	128
-35°	506	426	356	303	258	225	195	173	153	136	123
-37.5°	386	332	293	255	227	201	180	161	143	130	118
-40°	308	273	247	221	202	184	168	151	138	124	113
-42.5°	258	235	213	198	183	171	158	145	132	119	108
-45°	224	208	193	181	170	159	150	138	126	114	103
-47.5°	199	189	177	167	159	150	141	131	119	108	98
-50°	183	174	165	157	149	141	132	122	112	103	93
-52.5°	170	162	155	148	141	133	124	115	106	97	88
-55°	159	153	146	140	134	126	118	109	100	91	81
-57.5°	150	144	138	133	127	119	111	102	93	84	75
-60°	141	136	130	124	118	112	103	94	86	78	70
-62.5°	129	123	118	113	107	101	93	85	78	71	63
-65°	116	110	105	100	95	89	82	76	69	63	56
-67.5°	102	97	92	87	82	77	72	66	60	54	48
-70°	89	85	81	76	72	67	62	57	51	45	40
-72.5°	76	73	69	65	61	57	52	48	43	38	33
-75°	63	60	57	54	50	47	43	39	35	31	28
-77.5°	50	48	46	43	40	37	34	31	28	25	22
-80°	38	37	35	33	30	28	26	24	21	19	16
-82.5°	27	26	24	23	22	20	19	17	15	13	12
-85°	17	16	15	14	14	13	12	11	10	8	7
-87.5°	8	8	7	7	6	6	6	5	5	4	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA1B-735-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	0	1	0	0	0	0	0
62.5°	1	1	1	0	1	1	1	1	1	0	0
60°	1	1	1	1	1	1	1	1	1	1	0
57.5°	1	1	1	1	1	1	1	1	1	1	1
55°	3	2	2	1	1	1	1	1	1	1	1
52.5°	7	4	2	2	2	1	1	1	1	1	1
50°	12	8	4	3	2	2	1	1	1	1	1
47.5°	17	12	8	4	3	2	2	1	1	1	1
45°	23	18	12	8	4	3	2	2	1	1	1
42.5°	30	24	17	11	7	5	3	2	2	1	1
40°	36	31	23	16	10	7	4	2	2	1	1
37.5°	42	37	29	21	14	9	6	3	2	2	1
35°	49	43	36	26	18	12	8	4	3	2	1
32.5°	55	48	41	32	23	15	11	6	4	2	2
30°	63	53	45	37	27	18	13	8	4	3	2
27.5°	71	58	50	42	32	22	15	10	5	3	2
25°	78	64	54	45	36	26	18	11	7	4	2
22.5°	86	71	58	49	40	30	21	13	8	5	3
20°	94	78	62	53	44	34	24	16	9	6	3
17.5°	103	85	69	58	47	37	27	18	11	6	3
15°	112	92	75	62	51	40	30	20	12	7	4
12.5°	120	98	80	66	54	42	32	22	13	8	4
10°	127	104	85	71	58	45	34	24	14	9	5
7.5°	133	109	89	75	61	47	36	26	16	9	6
5°	137	113	93	78	63	50	38	27	18	10	7
2.5°	141	116	95	80	65	53	39	28	19	10	7
0°	144	118	97	82	67	55	40	29	21	11	8
-2.5°	145	120	99	83	69	56	42	30	22	12	8
-5°	146	121	102	85	71	57	43	31	22	14	8
-7.5°	146	122	103	85	73	58	44	33	23	15	9
-10°	145	122	103	87	73	59	45	33	24	16	9
-12.5°	143	121	103	87	73	59	46	34	24	16	9
-15°	140	119	103	87	73	59	46	34	24	17	9
-17.5°	136	118	102	86	73	60	47	34	24	16	9
-20°	133	116	100	85	73	59	46	34	24	16	10

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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°	130	113	99	84	72	59	46	33	24	16	10
-25°	126	111	96	83	71	58	45	32	24	16	10
-27.5°	122	108	94	82	70	57	43	31	23	15	10
-30°	118	105	92	80	68	55	41	30	22	15	10
-32.5°	115	102	90	77	66	54	39	29	22	15	10
-35°	111	99	87	75	63	51	38	27	21	14	9
-37.5°	106	95	83	72	61	49	37	27	20	14	9
-40°	102	91	79	69	58	46	36	27	19	13	9
-42.5°	98	87	76	67	56	44	34	26	18	12	8
-45°	93	83	73	63	53	42	33	25	17	12	8
-47.5°	89	79	69	59	50	40	31	23	16	11	8
-50°	83	74	64	55	47	37	29	21	15	11	7
-52.5°	78	68	59	51	43	34	26	19	14	10	7
-55°	71	62	55	47	39	31	24	18	14	10	7
-57.5°	66	58	51	43	35	28	22	17	13	9	6
-60°	62	54	46	39	31	25	20	16	12	8	6
-62.5°	56	48	41	34	28	22	18	14	11	8	6
-65°	49	42	35	29	24	20	16	13	10	7	5
-67.5°	41	35	30	25	21	18	14	11	9	6	5
-70°	35	30	25	21	18	15	12	10	7	6	4
-72.5°	29	25	21	18	15	13	10	8	6	5	4
-75°	24	21	18	15	13	10	9	7	5	4	3
-77.5°	19	16	14	12	10	8	7	5	4	3	3
-80°	14	13	11	9	8	6	5	4	4	3	2
-82.5°	10	9	8	7	6	5	4	3	3	3	2
-85°	7	6	5	4	4	3	3	3	2	2	1
-87.5°	3	3	3	2	2	2	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: P626616 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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	0	0	0	0	0	0
62.5°	0	0	1	0	0	0	0
60°	0	0	1	0	0	0	0
57.5°	0	0	1	1	0	0	0
55°	1	0	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°	1	1	1	1	0	0	0
42.5°	1	1	1	1	0	0	0
40°	1	1	1	1	1	0	0
37.5°	1	1	1	1	1	0	0
35°	2	1	1	1	1	0	0
32.5°	2	1	1	1	1	0	0
30°	2	1	1	1	1	0	0
27.5°	2	1	1	1	1	0	0
25°	2	2	1	1	1	0	0
22.5°	2	2	1	1	1	0	0
20°	2	2	1	1	1	0	0
17.5°	2	2	1	1	1	0	0
15°	2	2	1	1	1	0	0
12.5°	2	2	1	1	1	0	0
10°	2	2	1	1	1	0	0
7.5°	3	2	1	1	1	0	0
5°	3	2	1	1	1	0	0
2.5°	3	2	1	1	1	0	0
0°	3	2	1	1	1	0	0
-2.5°	4	2	1	1	1	0	0
-5°	4	2	1	1	1	0	0
-7.5°	4	2	1	1	1	0	0
-10°	5	2	1	1	1	0	0
-12.5°	5	2	1	1	1	0	0
-15°	5	2	1	1	1	0	0
-17.5°	6	3	1	1	1	0	0
-20°	6	3	2	1	1	0	0

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REPORT NUMBER: P626616 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)