

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: P626856 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-735-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626856 (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-SA2B-735-U-MWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8742.6 lumens
Efficiency: N/A
Efficacy: 137.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 12248.3 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 5855.8 lumens
Beam Efficiency: 67.0%

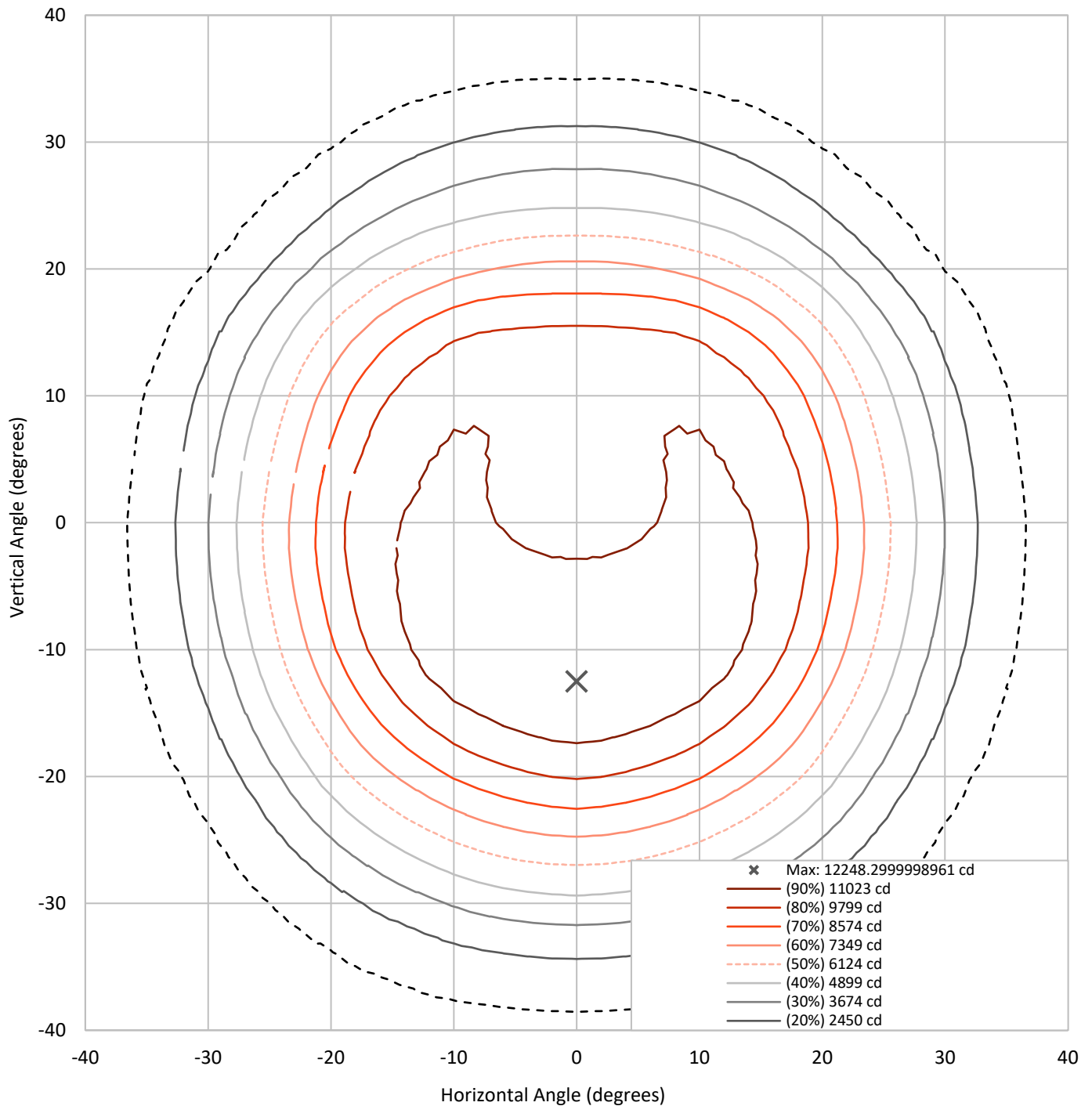
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 7880.1 lumens
Field Efficiency: 90.1%

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



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CATALOG NUMBER: GFLD-SA2B-735-U-MWR-VSR-XX

Iso-Candela Plot





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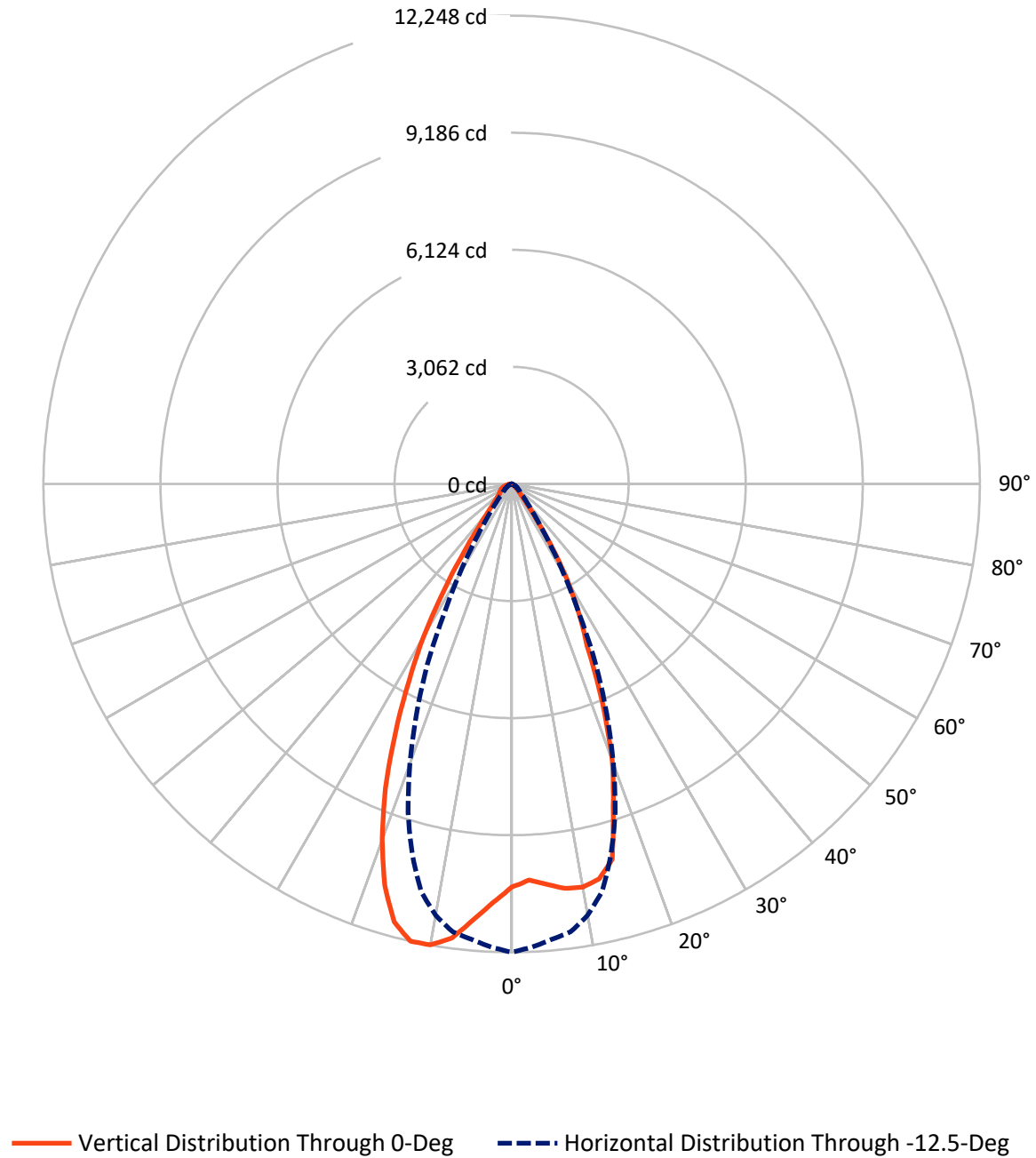
CATALOG NUMBER: GFLD-SA2B-735-U-MWR-VSR-XX

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	0.1	0.3	0.7	1.2	1.7	1.9	1.9	1.7	1.2	0.7	0.3	0.1		0.0			
40	0.0	0.1	0.3	1.2	2.5	4.0	6.0	7.4	7.4	6.0	4.0	2.5	1.2	0.3	0.1	0.0			
30		0.2	1.0	2.5	5.2	11.4	25.8	39.4	39.4	25.8	11.4	5.2	2.5	1.0	0.2				
20	0.1	0.4	1.6	4.1	11.0	40.6	104.6	146.3	146.3	104.6	40.6	11.0	4.1	1.6	0.4	0.1			
10		0.6	2.3	6.3	26.1	112.9	235.4	291.5	291.5	235.4	112.9	26.1	6.3	2.3	0.6				
0	0.2	0.8	2.8	8.1	41.6	166.2	303.6	329.1	329.1	303.6	166.2	41.6	8.1	2.8	0.8	0.2			
-10		0.9	3.1	8.7	43.5	171.6	314.5	349.3	349.3	314.5	171.6	43.5	8.7	3.1	0.9				
-20	0.2	1.0	3.2	7.9	31.1	127.8	265.3	338.8	338.8	265.3	127.8	31.1	7.9	3.2	1.0	0.2			
-30		0.9	3.0	6.6	17.4	62.0	147.8	208.0	208.0	147.8	62.0	17.4	6.6	3.0	0.9				
-40	0.2	0.8	2.7	5.5	10.4	22.1	46.2	68.5	68.5	46.2	22.1	10.4	5.5	2.7	0.8	0.2			
-50		0.7	2.3	4.6	7.6	11.2	15.8	18.7	18.7	15.8	11.2	7.6	4.6	2.3	0.7				
-60	0.2	0.5	1.7	3.6	6.0	8.3	10.3	11.3	11.3	10.3	8.3	6.0	3.6	1.7	0.5	0.2			
-70		0.4	1.1	2.4	4.2	5.9	7.5	8.4	8.4	7.5	5.9	4.2	2.4	1.1	0.4				
-80	0.1	1.0	4.4	9.4	12.0	9.4	4.4	1.0	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

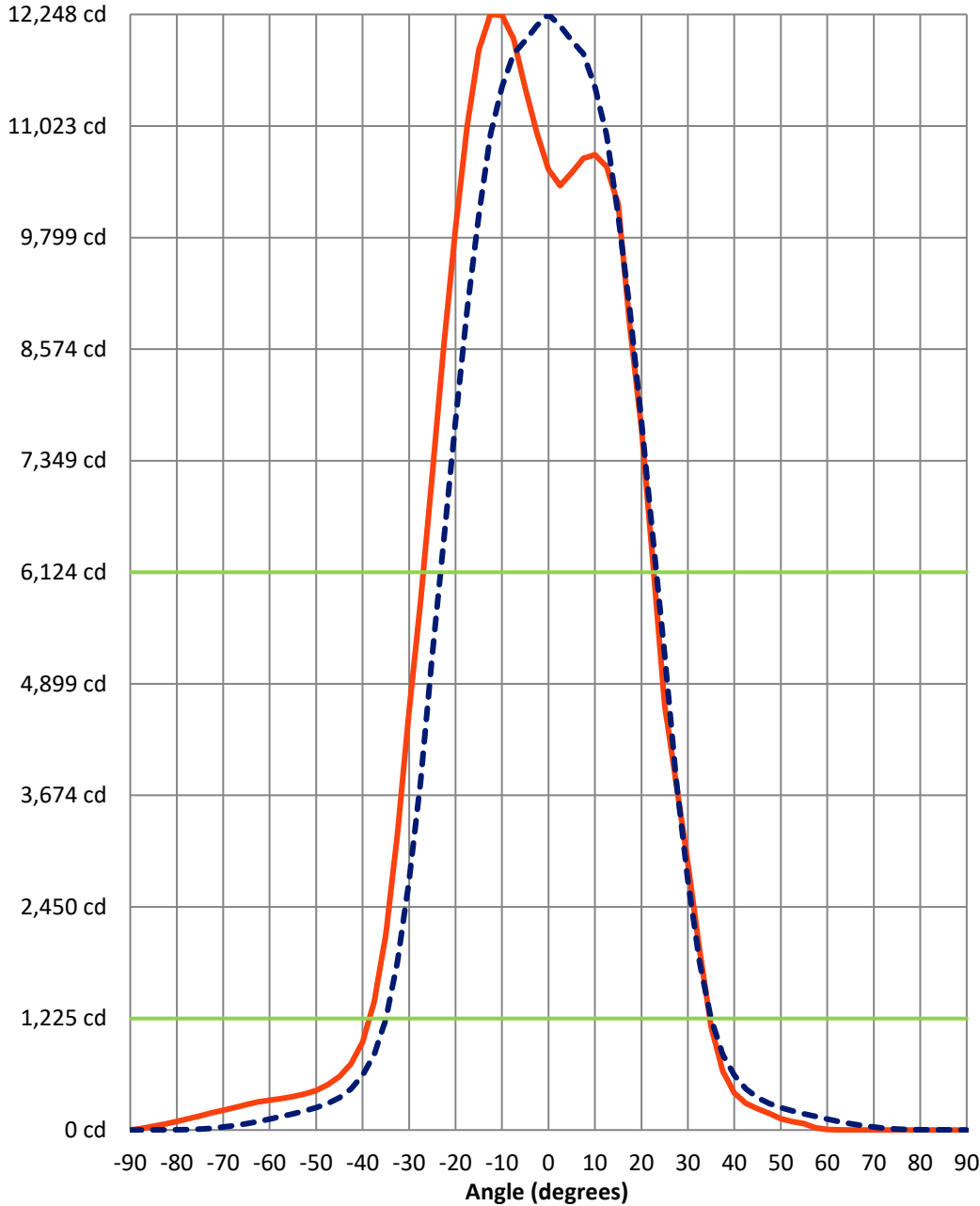
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 5855.8
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 7880.1
 Efficiency: 90.1%

Spill:
 Lumens: 862.5
 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	2	2	2
55°	0	0	0	1	1	1	1	2	2	2	2
52.5°	0	0	0	1	1	1	1	2	2	2	2
50°	0	0	1	2	1	1	2	2	2	2	2
47.5°	0	0	1	2	2	1	2	2	2	2	3
45°	0	0	1	2	2	2	2	2	2	2	3
42.5°	0	0	1	2	2	2	2	3	2	3	4
40°	0	0	1	2	2	2	3	3	3	4	5
37.5°	0	0	1	2	2	2	3	3	3	5	6
35°	0	0	1	2	2	2	3	3	4	6	7
32.5°	0	0	1	2	2	2	3	3	5	7	12
30°	0	0	1	2	2	3	3	3	6	9	16
27.5°	0	0	2	2	2	3	4	4	7	11	20
25°	0	0	2	2	2	3	4	5	8	14	23
22.5°	0	0	2	2	2	3	4	5	10	17	27
20°	0	0	2	2	2	3	4	6	11	19	32
17.5°	0	0	2	2	2	4	4	7	13	22	36
15°	0	0	2	2	2	4	4	7	15	24	40
12.5°	0	0	2	2	2	4	5	9	17	26	45
10°	0	0	2	2	2	4	5	10	18	29	49
7.5°	0	0	2	2	2	4	5	12	19	32	52
5°	0	0	2	2	2	4	5	13	20	36	55
2.5°	0	0	2	2	2	4	6	15	21	39	57
0°	0	0	2	2	2	4	6	16	22	42	58
-2.5°	0	0	2	2	2	4	7	17	25	44	61
-5°	0	0	2	2	2	4	8	17	28	46	64
-7.5°	0	0	2	2	3	5	9	17	30	47	66
-10°	0	0	2	2	3	5	10	18	32	48	68
-12.5°	0	0	2	2	3	5	10	18	33	49	69
-15°	0	0	2	2	3	5	11	18	34	50	70
-17.5°	0	0	2	2	3	5	11	19	34	50	70
-20°	0	0	2	2	3	5	11	20	33	50	69

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REPORT NUMBER: P626856 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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	2	2	3	5	12	20	33	49	67
-25°	0	0	2	2	3	5	12	20	32	48	65
-27.5°	0	0	2	2	3	6	11	20	31	47	63
-30°	0	0	2	2	3	6	11	20	31	45	61
-32.5°	0	0	2	2	3	6	11	20	30	44	59
-35°	0	0	2	2	3	7	11	19	29	43	56
-37.5°	0	0	2	2	3	7	11	18	28	41	55
-40°	0	0	2	2	3	7	11	18	26	39	54
-42.5°	0	0	2	2	3	7	11	17	25	37	52
-45°	0	1	2	2	4	7	11	16	24	35	50
-47.5°	0	0	2	2	4	6	10	16	23	32	47
-50°	0	0	2	2	4	6	10	15	22	31	43
-52.5°	0	0	2	2	4	6	10	14	21	29	39
-55°	0	0	2	2	4	6	9	13	20	28	37
-57.5°	0	0	2	2	4	6	9	13	19	26	34
-60°	0	0	2	2	3	5	8	12	17	24	32
-62.5°	0	0	2	2	3	5	8	11	16	22	29
-65°	0	0	2	2	3	5	7	10	15	20	26
-67.5°	0	0	1	2	3	4	7	9	13	18	23
-70°	0	0	1	2	3	4	6	8	11	15	20
-72.5°	0	0	1	2	3	4	5	7	10	13	17
-75°	0	0	1	2	3	4	5	6	8	11	14
-77.5°	0	0	1	2	3	4	4	6	7	8	11
-80°	0	0	1	1	2	3	4	5	6	7	9
-82.5°	0	0	1	1	2	2	3	4	5	6	7
-85°	0	0	0	1	1	2	2	3	3	4	5
-87.5°	0	0	0	0	1	1	1	1	2	2	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626856 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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	1	1	0	0	0	0	0	0	0	0
65°	1	1	1	1	0	0	1	1	0	0	0
62.5°	2	2	1	1	1	2	1	1	0	0	1
60°	2	2	1	2	2	2	1	1	2	2	5
57.5°	2	2	2	2	2	2	2	3	7	12	13
55°	2	2	2	3	3	3	5	11	17	21	22
52.5°	2	2	3	4	5	8	14	20	26	30	35
50°	3	3	4	6	9	16	23	31	38	44	52
47.5°	3	4	6	9	16	25	34	44	52	61	72
45°	4	6	9	16	25	36	47	58	66	77	87
42.5°	5	10	15	22	35	49	62	70	79	91	104
40°	8	14	21	32	46	62	74	83	93	109	125
37.5°	12	19	28	43	60	75	86	97	112	130	149
35°	17	25	37	54	73	87	99	113	133	154	177
32.5°	21	30	46	65	83	98	112	133	154	177	208
30°	26	37	55	76	92	108	128	151	172	200	236
27.5°	31	45	65	85	102	118	144	166	190	223	266
25°	36	53	73	92	110	131	160	183	208	249	307
22.5°	42	61	82	100	118	145	175	205	237	278	350
20°	49	68	89	109	126	158	192	228	272	329	423
17.5°	55	75	97	118	140	172	210	253	307	378	517
15°	60	81	104	127	152	187	228	281	346	435	607
12.5°	65	86	111	135	164	200	244	301	379	507	723
10°	70	91	117	144	174	211	258	319	405	558	809
7.5°	74	96	123	152	182	221	270	333	429	598	876
5°	77	102	129	158	189	229	280	344	448	628	928
2.5°	80	108	133	163	193	236	288	354	467	652	972
0°	82	112	137	167	197	241	293	361	482	669	1006
-2.5°	85	115	141	170	202	244	296	367	487	671	999
-5°	88	117	145	172	207	247	296	369	486	666	979
-7.5°	89	118	148	174	209	248	297	368	481	655	945
-10°	91	119	149	176	210	247	295	363	470	633	895
-12.5°	93	120	149	177	210	246	291	355	452	601	830
-15°	94	121	149	177	209	243	285	344	428	558	750
-17.5°	95	121	148	176	207	239	277	330	406	520	693
-20°	95	121	148	173	205	235	271	320	387	483	623

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CATALOG NUMBER: GFLD-SA2B-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°	94	120	146	170	201	231	264	307	364	442	555
-25°	92	118	145	169	196	226	256	293	342	412	506
-27.5°	89	116	142	166	191	220	248	282	325	379	454
-30°	84	113	138	163	187	214	241	270	308	354	415
-32.5°	80	109	133	158	182	208	233	260	292	331	378
-35°	77	104	129	152	176	201	225	250	277	311	352
-37.5°	75	99	124	146	169	193	217	240	265	292	329
-40°	72	94	119	141	162	185	208	230	253	280	308
-42.5°	69	90	113	136	155	177	199	220	243	268	294
-45°	67	86	108	129	149	169	190	210	232	256	280
-47.5°	63	81	102	120	140	160	180	200	220	242	266
-50°	58	76	95	112	130	150	170	190	209	228	249
-52.5°	54	69	87	105	121	137	158	178	198	216	234
-55°	48	63	79	96	112	127	145	166	185	203	222
-57.5°	44	57	72	88	104	119	135	153	172	189	207
-60°	41	51	64	79	94	109	125	142	159	176	192
-62.5°	37	46	56	69	83	98	113	129	145	159	174
-65°	33	41	49	60	71	85	99	114	128	141	154
-67.5°	30	36	43	51	61	72	84	97	110	123	135
-70°	25	31	37	44	51	60	71	82	92	104	115
-72.5°	21	26	31	37	43	51	59	68	77	87	97
-75°	17	21	26	30	36	42	49	56	64	72	80
-77.5°	14	17	21	24	28	33	39	45	51	57	63
-80°	11	13	16	19	22	26	29	33	38	43	48
-82.5°	8	10	12	14	16	18	21	24	27	31	34
-85°	6	7	8	9	10	12	13	15	17	19	22
-87.5°	3	3	4	5	5	6	6	7	8	9	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626856 (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°	1	1	1	1	0	0	1	1	1	1	2
60°	5	4	5	7	6	5	7	8	7	6	6
57.5°	14	15	17	20	22	24	26	28	29	30	31
55°	26	31	36	39	43	50	56	56	57	59	62
52.5°	41	47	50	55	63	69	71	76	81	86	90
50°	60	65	71	79	87	92	94	102	112	120	125
47.5°	79	86	97	110	117	123	131	142	153	165	174
45°	96	109	123	135	144	154	165	179	196	212	225
42.5°	116	130	144	158	168	186	205	221	246	268	282
40°	139	153	173	191	212	233	267	299	330	367	394
37.5°	167	188	217	245	276	308	369	431	482	553	592
35°	201	233	274	315	365	443	532	651	776	880	979
32.5°	240	281	337	411	495	620	753	974	1188	1403	1614
30°	277	338	424	525	664	861	1112	1452	1822	2145	2438
27.5°	328	414	525	677	913	1202	1665	2138	2608	3028	3329
25°	390	505	662	913	1253	1733	2353	2933	3485	3897	4243
22.5°	478	651	874	1193	1811	2478	3220	3951	4571	5089	5431
20°	588	822	1194	1773	2500	3334	4290	5057	5821	6405	6926
17.5°	743	1116	1641	2377	3245	4358	5341	6198	7167	7764	8296
15°	883	1361	2111	3050	4067	5247	6406	7455	8391	9046	9641
12.5°	1059	1623	2484	3588	4701	6014	7220	8343	9260	9934	10350
10°	1217	1891	2857	4012	5258	6630	7879	9048	9936	10457	10763
7.5°	1345	2113	3159	4375	5690	7071	8390	9551	10400	10836	11045
5°	1444	2278	3396	4672	6038	7451	8798	9934	10649	11010	11126
2.5°	1518	2393	3555	4868	6273	7732	9107	10226	10836	11097	11135
0°	1568	2474	3659	4990	6475	7832	9274	10411	10991	11200	11220
-2.5°	1557	2445	3654	4946	6451	7877	9301	10422	11044	11324	11370
-5°	1525	2376	3533	4819	6268	7696	9054	10238	11000	11424	11612
-7.5°	1464	2257	3326	4578	5971	7400	8784	10013	10890	11487	11854
-10°	1360	2084	3061	4272	5645	7007	8375	9651	10595	11313	11825
-12.5°	1218	1848	2738	3838	5218	6490	7786	9008	10039	10924	11453
-15°	1071	1603	2402	3409	4610	5863	7060	8259	9277	10104	10764
-17.5°	966	1388	2013	2894	3949	5137	6305	7407	8325	9103	9795
-20°	834	1147	1642	2383	3312	4351	5469	6450	7270	7999	8660

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REPORT NUMBER: P626856 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	729	982	1340	1845	2680	3596	4511	5414	6185	6834	7398
-25°	634	811	1091	1502	2044	2836	3607	4369	5081	5685	6193
-27.5°	558	700	886	1179	1591	2052	2728	3365	3977	4529	5008
-30°	490	596	742	925	1205	1548	1954	2431	2919	3355	3790
-32.5°	441	517	617	753	909	1155	1401	1721	2030	2348	2660
-35°	397	458	526	617	725	868	1030	1225	1391	1599	1791
-37.5°	367	410	462	519	596	676	786	905	1007	1123	1220
-40°	342	376	411	449	502	556	627	694	759	830	882
-42.5°	321	348	373	403	435	478	525	567	606	648	682
-45°	305	325	345	368	392	423	457	488	514	537	556
-47.5°	287	305	323	341	361	384	406	426	447	465	478
-50°	269	287	304	319	337	355	372	388	403	416	425
-52.5°	252	271	287	301	316	331	345	359	373	385	390
-55°	240	256	273	286	298	311	323	337	349	361	364
-57.5°	225	243	258	270	282	293	305	317	329	340	343
-60°	209	227	241	252	264	276	287	298	309	319	323
-62.5°	190	206	218	230	240	250	262	274	286	295	301
-65°	166	180	193	204	214	224	235	246	257	265	271
-67.5°	146	157	167	177	187	197	208	218	228	235	240
-70°	126	136	146	155	164	173	181	190	198	205	209
-72.5°	107	116	124	132	140	148	155	162	170	175	180
-75°	88	96	103	110	116	123	128	134	140	144	148
-77.5°	69	76	82	88	93	98	103	107	111	115	119
-80°	53	58	62	66	71	75	78	81	85	88	91
-82.5°	38	41	44	47	50	52	55	57	60	62	64
-85°	24	26	28	29	31	32	34	35	37	38	40
-87.5°	12	12	13	14	15	15	16	17	17	18	19
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626856 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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°	2	2	2	2	2	2	2	2	1	1	1
60°	6	6	6	6	6	6	6	6	6	7	8
57.5°	30	28	26	24	26	28	30	31	30	29	28
55°	66	69	71	70	71	69	66	62	59	57	56
52.5°	93	95	95	92	95	95	93	90	86	81	76
50°	127	128	127	125	127	128	127	125	120	112	102
47.5°	179	182	183	183	183	182	179	174	165	153	142
45°	230	232	233	233	233	232	230	225	212	196	179
42.5°	289	293	295	293	295	293	289	282	268	246	221
40°	409	414	412	406	412	414	409	394	367	330	299
37.5°	620	640	648	649	648	640	620	592	553	482	431
35°	1069	1141	1174	1133	1174	1141	1069	979	880	776	651
32.5°	1786	1913	1984	1984	1984	1913	1786	1614	1403	1188	974
30°	2659	2818	2907	2926	2907	2818	2659	2438	2145	1822	1452
27.5°	3565	3729	3814	3802	3814	3729	3565	3329	3028	2608	2138
25°	4473	4598	4669	4671	4669	4598	4473	4243	3897	3485	2933
22.5°	5815	6077	6185	6214	6185	6077	5815	5431	5089	4571	3951
20°	7279	7532	7696	7706	7696	7532	7279	6926	6405	5821	5057
17.5°	8673	8799	8822	8832	8822	8799	8673	8296	7764	7167	6198
15°	9987	10031	10147	10162	10147	10031	9987	9641	9046	8391	7455
12.5°	10611	10651	10631	10577	10631	10651	10611	10350	9934	9260	8343
10°	10951	10894	10810	10708	10810	10894	10951	10763	10457	9936	9048
7.5°	11028	10965	10816	10668	10816	10965	11028	11045	10836	10400	9551
5°	11065	10879	10691	10511	10691	10879	11065	11126	11010	10649	9934
2.5°	11043	10823	10564	10371	10564	10823	11043	11135	11097	10836	10226
0°	11114	10891	10620	10547	10620	10891	11114	11220	11200	10991	10411
-2.5°	11310	11129	10988	10949	10988	11129	11310	11370	11324	11044	10422
-5°	11663	11623	11382	11439	11382	11623	11663	11612	11424	11000	10238
-7.5°	12004	11947	11845	11977	11845	11947	12004	11854	11487	10890	10013
-10°	12094	12076	12123	12240	12123	12076	12094	11825	11313	10595	9651
-12.5°	11816	11962	12125	12248	12125	11962	11816	11453	10924	10039	9008
-15°	11197	11495	11739	11855	11739	11495	11197	10764	10104	9277	8259
-17.5°	10284	10650	10939	11021	10939	10650	10284	9795	9103	8325	7407
-20°	9161	9532	9796	9901	9796	9532	9161	8660	7999	7270	6450

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REPORT NUMBER: P626856 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°	7896	8259	8498	8623	8498	8259	7896	7398	6834	6185	5414
-25°	6613	6932	7144	7200	7144	6932	6613	6193	5685	5081	4369
-27.5°	5386	5643	5799	5816	5799	5643	5386	5008	4529	3977	3365
-30°	4152	4390	4525	4597	4525	4390	4152	3790	3355	2919	2431
-32.5°	2916	3105	3219	3249	3219	3105	2916	2660	2348	2030	1721
-35°	1944	2062	2134	2149	2134	2062	1944	1791	1599	1391	1225
-37.5°	1300	1357	1393	1410	1393	1357	1300	1220	1123	1007	905
-40°	921	948	963	966	963	948	921	882	830	759	694
-42.5°	704	718	725	727	725	718	704	682	648	606	567
-45°	569	579	584	586	584	579	569	556	537	514	488
-47.5°	487	493	497	498	497	493	487	478	465	447	426
-50°	430	433	434	434	434	433	430	425	416	403	388
-52.5°	393	396	396	396	396	396	393	390	385	373	359
-55°	367	368	368	368	368	368	367	364	361	349	337
-57.5°	346	348	348	345	348	348	346	343	340	329	317
-60°	326	328	328	327	328	328	326	323	319	309	298
-62.5°	306	310	310	309	310	310	306	301	295	286	274
-65°	276	281	281	279	281	281	276	271	265	257	246
-67.5°	244	248	248	247	248	248	244	240	235	228	218
-70°	214	218	218	217	218	218	214	209	205	198	190
-72.5°	184	188	189	189	189	188	184	180	175	170	162
-75°	152	156	155	155	155	156	152	148	144	140	134
-77.5°	123	126	125	125	125	126	123	119	115	111	107
-80°	93	96	95	94	95	96	93	91	88	85	81
-82.5°	66	68	67	66	67	68	66	64	62	60	57
-85°	41	42	42	42	42	42	41	40	38	37	35
-87.5°	19	20	19	18	19	20	19	19	18	17	17
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626856 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-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	1
62.5°	1	0	0	1	1	1	1	1	0	0	1
60°	7	5	6	7	5	4	5	5	2	2	1
57.5°	26	24	22	20	17	15	14	13	12	7	3
55°	56	50	43	39	36	31	26	22	21	17	11
52.5°	71	69	63	55	50	47	41	35	30	26	20
50°	94	92	87	79	71	65	60	52	44	38	31
47.5°	131	123	117	110	97	86	79	72	61	52	44
45°	165	154	144	135	123	109	96	87	77	66	58
42.5°	205	186	168	158	144	130	116	104	91	79	70
40°	267	233	212	191	173	153	139	125	109	93	83
37.5°	369	308	276	245	217	188	167	149	130	112	97
35°	532	443	365	315	274	233	201	177	154	133	113
32.5°	753	620	495	411	337	281	240	208	177	154	133
30°	1112	861	664	525	424	338	277	236	200	172	151
27.5°	1665	1202	913	677	525	414	328	266	223	190	166
25°	2353	1733	1253	913	662	505	390	307	249	208	183
22.5°	3220	2478	1811	1193	874	651	478	350	278	237	205
20°	4290	3334	2500	1773	1194	822	588	423	329	272	228
17.5°	5341	4358	3245	2377	1641	1116	743	517	378	307	253
15°	6406	5247	4067	3050	2111	1361	883	607	435	346	281
12.5°	7220	6014	4701	3588	2484	1623	1059	723	507	379	301
10°	7879	6630	5258	4012	2857	1891	1217	809	558	405	319
7.5°	8390	7071	5690	4375	3159	2113	1345	876	598	429	333
5°	8798	7451	6038	4672	3396	2278	1444	928	628	448	344
2.5°	9107	7732	6273	4868	3555	2393	1518	972	652	467	354
0°	9274	7832	6475	4990	3659	2474	1568	1006	669	482	361
-2.5°	9301	7877	6451	4946	3654	2445	1557	999	671	487	367
-5°	9054	7696	6268	4819	3533	2376	1525	979	666	486	369
-7.5°	8784	7400	5971	4578	3326	2257	1464	945	655	481	368
-10°	8375	7007	5645	4272	3061	2084	1360	895	633	470	363
-12.5°	7786	6490	5218	3838	2738	1848	1218	830	601	452	355
-15°	7060	5863	4610	3409	2402	1603	1071	750	558	428	344
-17.5°	6305	5137	3949	2894	2013	1388	966	693	520	406	330
-20°	5469	4351	3312	2383	1642	1147	834	623	483	387	320

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REPORT NUMBER: P626856 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-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°	4511	3596	2680	1845	1340	982	729	555	442	364	307
-25°	3607	2836	2044	1502	1091	811	634	506	412	342	293
-27.5°	2728	2052	1591	1179	886	700	558	454	379	325	282
-30°	1954	1548	1205	925	742	596	490	415	354	308	270
-32.5°	1401	1155	909	753	617	517	441	378	331	292	260
-35°	1030	868	725	617	526	458	397	352	311	277	250
-37.5°	786	676	596	519	462	410	367	329	292	265	240
-40°	627	556	502	449	411	376	342	308	280	253	230
-42.5°	525	478	435	403	373	348	321	294	268	243	220
-45°	457	423	392	368	345	325	305	280	256	232	210
-47.5°	406	384	361	341	323	305	287	266	242	220	200
-50°	372	355	337	319	304	287	269	249	228	209	190
-52.5°	345	331	316	301	287	271	252	234	216	198	178
-55°	323	311	298	286	273	256	240	222	203	185	166
-57.5°	305	293	282	270	258	243	225	207	189	172	153
-60°	287	276	264	252	241	227	209	192	176	159	142
-62.5°	262	250	240	230	218	206	190	174	159	145	129
-65°	235	224	214	204	193	180	166	154	141	128	114
-67.5°	208	197	187	177	167	157	146	135	123	110	97
-70°	181	173	164	155	146	136	126	115	104	92	82
-72.5°	155	148	140	132	124	116	107	97	87	77	68
-75°	128	123	116	110	103	96	88	80	72	64	56
-77.5°	103	98	93	88	82	76	69	63	57	51	45
-80°	78	75	71	66	62	58	53	48	43	38	33
-82.5°	55	52	50	47	44	41	38	34	31	27	24
-85°	34	32	31	29	28	26	24	22	19	17	15
-87.5°	16	15	15	14	13	12	12	10	9	8	7
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626856 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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	1	1	0	0	0	0	0
65°	1	0	0	1	1	1	1	1	1	0	0
62.5°	1	2	1	1	1	2	2	1	1	1	0
60°	1	2	2	2	1	2	2	2	1	1	1
57.5°	2	2	2	2	2	2	2	2	2	2	1
55°	5	3	3	3	2	2	2	2	2	2	2
52.5°	14	8	5	4	3	2	2	2	2	2	2
50°	23	16	9	6	4	3	3	2	2	2	2
47.5°	34	25	16	9	6	4	3	3	2	2	2
45°	47	36	25	16	9	6	4	3	2	2	2
42.5°	62	49	35	22	15	10	5	4	3	2	3
40°	74	62	46	32	21	14	8	5	4	3	3
37.5°	86	75	60	43	28	19	12	6	5	3	3
35°	99	87	73	54	37	25	17	7	6	4	3
32.5°	112	98	83	65	46	30	21	12	7	5	3
30°	128	108	92	76	55	37	26	16	9	6	3
27.5°	144	118	102	85	65	45	31	20	11	7	4
25°	160	131	110	92	73	53	36	23	14	8	5
22.5°	175	145	118	100	82	61	42	27	17	10	5
20°	192	158	126	109	89	68	49	32	19	11	6
17.5°	210	172	140	118	97	75	55	36	22	13	7
15°	228	187	152	127	104	81	60	40	24	15	7
12.5°	244	200	164	135	111	86	65	45	26	17	9
10°	258	211	174	144	117	91	70	49	29	18	10
7.5°	270	221	182	152	123	96	74	52	32	19	12
5°	280	229	189	158	129	102	77	55	36	20	13
2.5°	288	236	193	163	133	108	80	57	39	21	15
0°	293	241	197	167	137	112	82	58	42	22	16
-2.5°	296	244	202	170	141	115	85	61	44	25	17
-5°	296	247	207	172	145	117	88	64	46	28	17
-7.5°	297	248	209	174	148	118	89	66	47	30	17
-10°	295	247	210	176	149	119	91	68	48	32	18
-12.5°	291	246	210	177	149	120	93	69	49	33	18
-15°	285	243	209	177	149	121	94	70	50	34	18
-17.5°	277	239	207	176	148	121	95	70	50	34	19
-20°	271	235	205	173	148	121	95	69	50	33	20

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REPORT NUMBER: P626856 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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°
-22.5°	264	231	201	170	146	120	94	67	49	33	20
-25°	256	226	196	169	145	118	92	65	48	32	20
-27.5°	248	220	191	166	142	116	89	63	47	31	20
-30°	241	214	187	163	138	113	84	61	45	31	20
-32.5°	233	208	182	158	133	109	80	59	44	30	20
-35°	225	201	176	152	129	104	77	56	43	29	19
-37.5°	217	193	169	146	124	99	75	55	41	28	18
-40°	208	185	162	141	119	94	72	54	39	26	18
-42.5°	199	177	155	136	113	90	69	52	37	25	17
-45°	190	169	149	129	108	86	67	50	35	24	16
-47.5°	180	160	140	120	102	81	63	47	32	23	16
-50°	170	150	130	112	95	76	58	43	31	22	15
-52.5°	158	137	121	105	87	69	54	39	29	21	14
-55°	145	127	112	96	79	63	48	37	28	20	13
-57.5°	135	119	104	88	72	57	44	34	26	19	13
-60°	125	109	94	79	64	51	41	32	24	17	12
-62.5°	113	98	83	69	56	46	37	29	22	16	11
-65°	99	85	71	60	49	41	33	26	20	15	10
-67.5°	84	72	61	51	43	36	30	23	18	13	9
-70°	71	60	51	44	37	31	25	20	15	11	8
-72.5°	59	51	43	37	31	26	21	17	13	10	7
-75°	49	42	36	30	26	21	17	14	11	8	6
-77.5°	39	33	28	24	21	17	14	11	8	7	6
-80°	29	26	22	19	16	13	11	9	7	6	5
-82.5°	21	18	16	14	12	10	8	7	6	5	4
-85°	13	12	10	9	8	7	6	5	4	3	3
-87.5°	6	6	5	5	4	3	3	3	2	2	1
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P626856 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-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	1	1	0	0	0	0
65°	0	1	1	0	0	0	0
62.5°	0	1	1	1	0	0	0
60°	0	1	1	1	0	0	0
57.5°	1	1	1	1	0	0	0
55°	1	1	1	1	0	0	0
52.5°	1	1	1	1	0	0	0
50°	2	1	1	2	1	0	0
47.5°	2	1	2	2	1	0	0
45°	2	2	2	2	1	0	0
42.5°	2	2	2	2	1	0	0
40°	3	2	2	2	1	0	0
37.5°	3	2	2	2	1	0	0
35°	3	2	2	2	1	0	0
32.5°	3	2	2	2	1	0	0
30°	3	3	2	2	1	0	0
27.5°	4	3	2	2	2	0	0
25°	4	3	2	2	2	0	0
22.5°	4	3	2	2	2	0	0
20°	4	3	2	2	2	0	0
17.5°	4	4	2	2	2	0	0
15°	4	4	2	2	2	0	0
12.5°	5	4	2	2	2	0	0
10°	5	4	2	2	2	0	0
7.5°	5	4	2	2	2	0	0
5°	5	4	2	2	2	0	0
2.5°	6	4	2	2	2	0	0
0°	6	4	2	2	2	0	0
-2.5°	7	4	2	2	2	0	0
-5°	8	4	2	2	2	0	0
-7.5°	9	5	3	2	2	0	0
-10°	10	5	3	2	2	0	0
-12.5°	10	5	3	2	2	0	0
-15°	11	5	3	2	2	0	0
-17.5°	11	5	3	2	2	0	0
-20°	11	5	3	2	2	0	0

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Scaled Data Report



REPORT NUMBER: P626856 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	12	5	3	2	2	0	0
-25°	12	5	3	2	2	0	0
-27.5°	11	6	3	2	2	0	0
-30°	11	6	3	2	2	0	0
-32.5°	11	6	3	2	2	0	0
-35°	11	7	3	2	2	0	0
-37.5°	11	7	3	2	2	0	0
-40°	11	7	3	2	2	0	0
-42.5°	11	7	3	2	2	0	0
-45°	11	7	4	2	2	1	0
-47.5°	10	6	4	2	2	0	0
-50°	10	6	4	2	2	0	0
-52.5°	10	6	4	2	2	0	0
-55°	9	6	4	2	2	0	0
-57.5°	9	6	4	2	2	0	0
-60°	8	5	3	2	2	0	0
-62.5°	8	5	3	2	2	0	0
-65°	7	5	3	2	2	0	0
-67.5°	7	4	3	2	1	0	0
-70°	6	4	3	2	1	0	0
-72.5°	5	4	3	2	1	0	0
-75°	5	4	3	2	1	0	0
-77.5°	4	4	3	2	1	0	0
-80°	4	3	2	1	1	0	0
-82.5°	3	2	2	1	1	0	0
-85°	2	2	1	1	0	0	0
-87.5°	1	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)