

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: P626846 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-730-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626846 (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-730-U-MWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8071.6 lumens
Efficiency: N/A
Efficacy: 126.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 11308.1 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 5406.3 lumens
Beam Efficiency: 67.0%

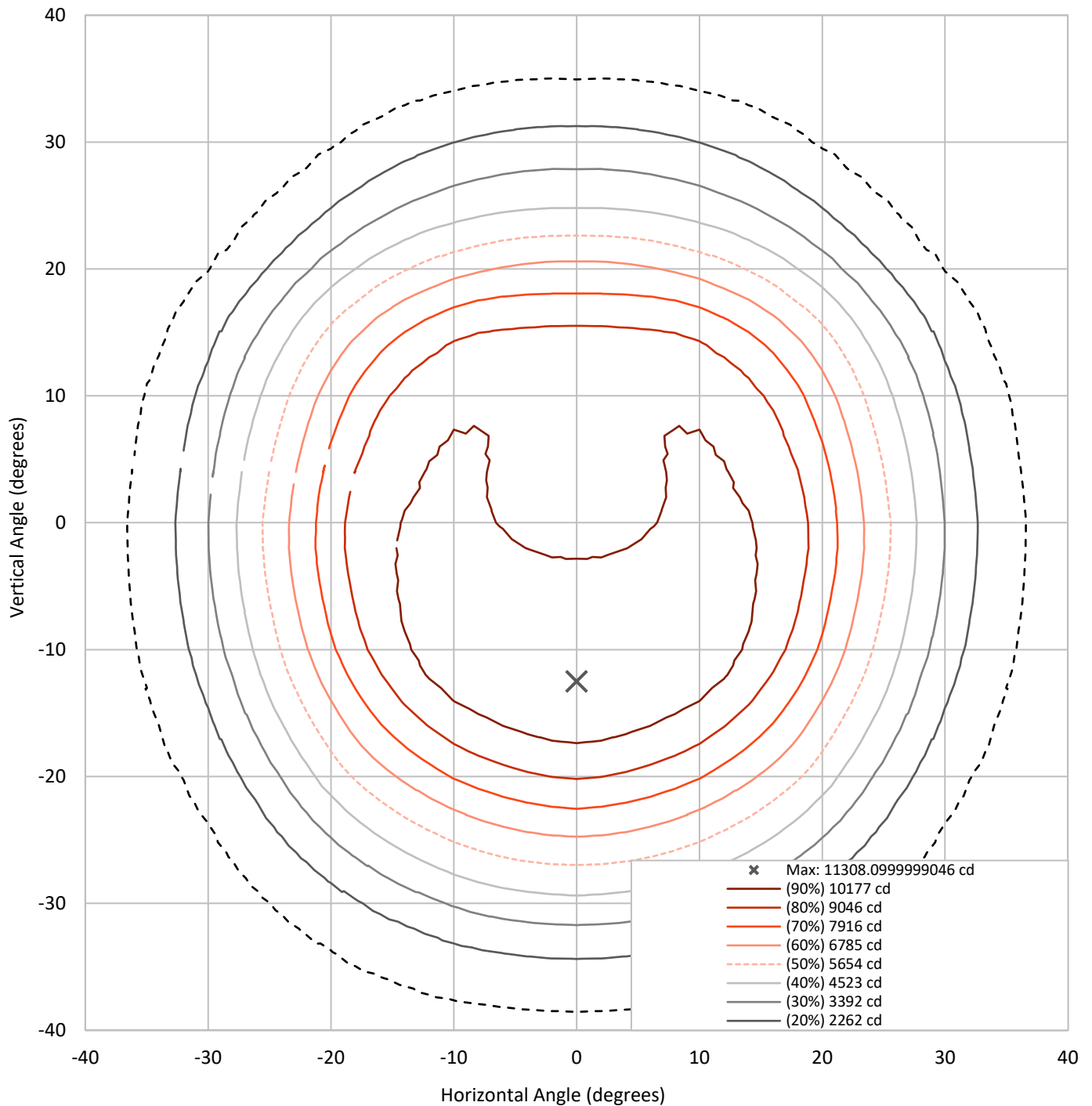
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 7279.1 lumens
Field Efficiency: 90.2%

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: P626846 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





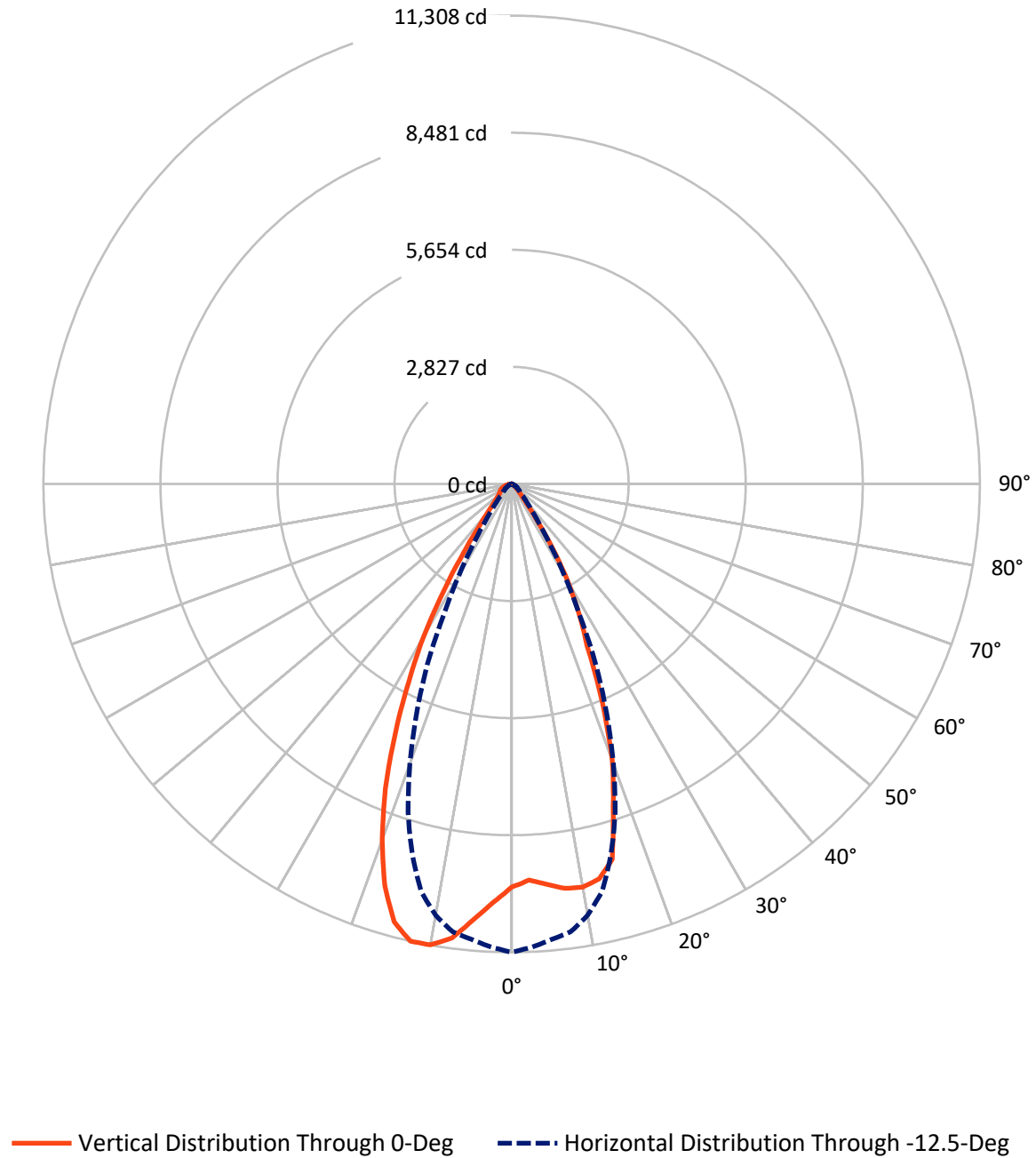
REPORT NUMBER: P626846 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.1	0.3	0.7	1.1	1.5	1.8	1.8	1.5	1.1	0.7	0.3	0.1		0.0			
40	0.0	0.0	0.3	1.1	2.3	3.7	5.5	6.8	6.8	5.5	3.7	2.3	1.1	0.3	0.0	0.0			
30		0.1	0.9	2.3	4.8	10.5	23.8	36.4	36.4	23.8	10.5	4.8	2.3	0.9	0.1				
20	0.1	0.3	1.5	3.8	10.1	37.5	96.6	135.1	135.1	96.6	37.5	10.1	3.8	1.5	0.3	0.1			
10		0.5	2.1	5.8	24.1	104.2	217.4	269.1	269.1	217.4	104.2	24.1	5.8	2.1	0.5				
0	0.2	0.7	2.6	7.5	38.4	153.4	280.3	303.8	303.8	280.3	153.4	38.4	7.5	2.6	0.7	0.2			
-10		0.8	2.9	8.0	40.2	158.5	290.4	322.5	322.5	290.4	158.5	40.2	8.0	2.9	0.8				
-20	0.2	0.9	2.9	7.3	28.7	118.0	245.0	312.8	312.8	245.0	118.0	28.7	7.3	2.9	0.9	0.2			
-30		0.9	2.8	6.1	16.1	57.2	136.5	192.1	192.1	136.5	57.2	16.1	6.1	2.8	0.9				
-40	0.2	0.7	2.5	5.0	9.6	20.4	42.6	63.3	63.3	42.6	20.4	9.6	5.0	2.5	0.7	0.2			
-50		0.6	2.1	4.2	7.0	10.3	14.5	17.2	17.2	14.5	10.3	7.0	4.2	2.1	0.6				
-60	0.2	0.5	1.6	3.3	5.5	7.6	9.5	10.4	10.4	9.5	7.6	5.5	3.3	1.6	0.5	0.2			
-70		0.3	1.0	2.3	3.9	5.4	6.9	7.7	7.7	6.9	5.4	3.9	2.3	1.0	0.3				
-80	0.1	0.9	4.1	8.7	11.1	8.7	4.1	0.9	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

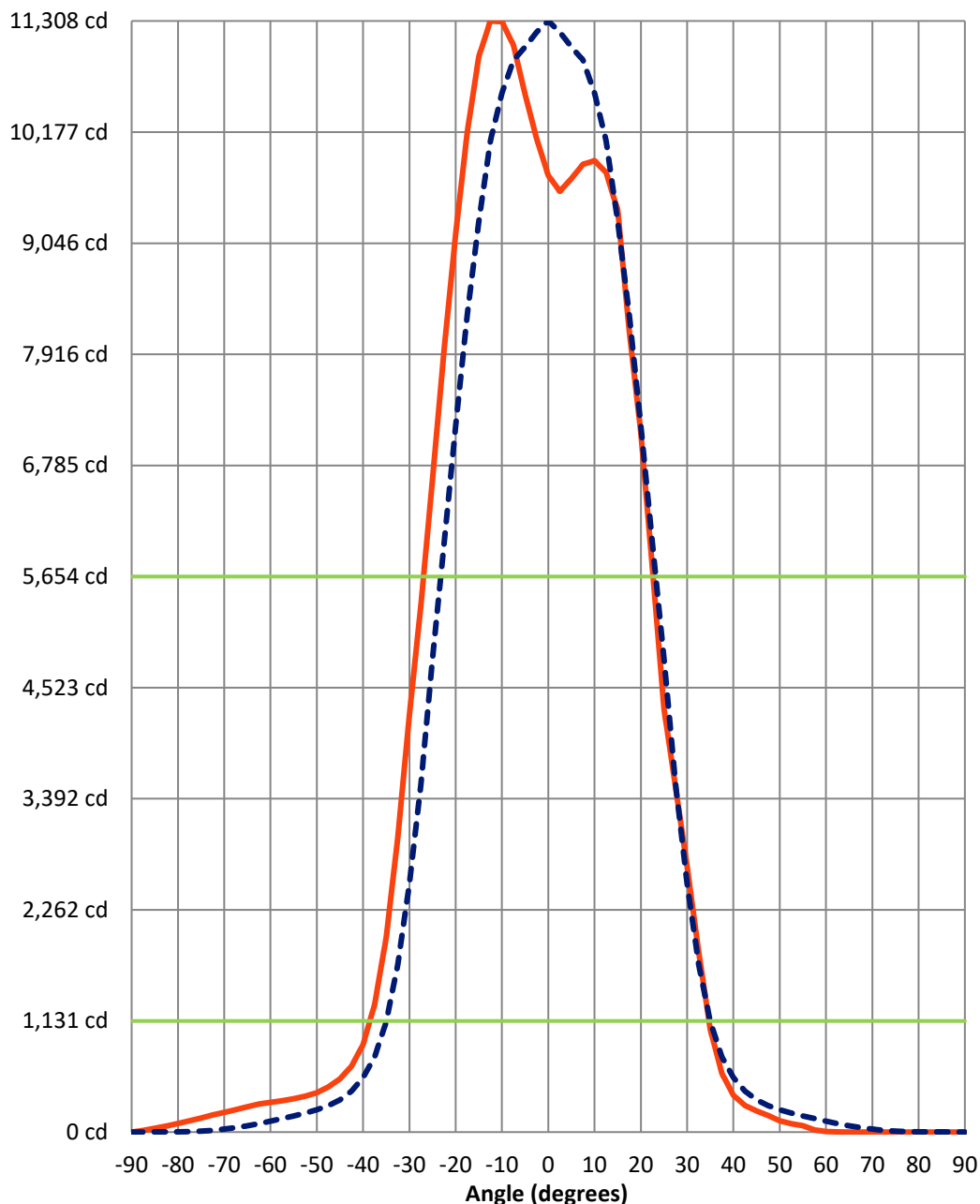
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 5406.3
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 7279.1
 Efficiency: 90.2%

Spill:
 Lumens: 792.4
 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	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	1	1	2	2	2	2	3
45°	0	0	1	2	1	2	2	2	2	2	3
42.5°	0	0	1	2	2	2	2	2	2	3	4
40°	0	0	1	2	2	2	2	3	2	3	4
37.5°	0	0	1	2	2	2	3	3	3	4	5
35°	0	0	1	2	2	2	3	3	4	5	7
32.5°	0	0	1	2	2	2	3	3	4	7	11
30°	0	0	1	2	2	2	3	3	5	8	15
27.5°	0	0	1	2	2	3	3	4	6	10	18
25°	0	0	2	2	2	3	3	4	7	13	22
22.5°	0	0	2	2	2	3	4	5	9	15	25
20°	0	0	2	2	2	3	4	5	10	18	29
17.5°	0	0	2	2	2	3	4	6	12	20	33
15°	0	0	2	2	2	3	4	7	14	22	37
12.5°	0	0	2	2	2	3	4	8	15	24	41
10°	0	0	2	2	2	4	5	10	17	27	45
7.5°	0	0	2	2	2	4	5	11	18	30	48
5°	0	0	2	2	2	4	5	12	19	33	50
2.5°	0	0	2	2	2	4	5	14	20	36	52
0°	0	0	2	2	2	4	6	15	20	39	54
-2.5°	0	0	2	2	2	4	7	15	23	41	57
-5°	0	0	2	2	2	4	8	16	25	42	59
-7.5°	0	0	2	2	2	4	8	16	28	43	61
-10°	0	0	2	2	2	4	9	16	29	45	63
-12.5°	0	0	2	2	3	5	10	17	31	45	64
-15°	0	0	2	2	3	5	10	17	31	46	65
-17.5°	0	0	2	2	3	5	10	17	31	46	65
-20°	0	0	2	2	3	5	11	18	31	46	64

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CATALOG NUMBER: GFLD-SA2B-730-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	11	19	30	45	62
-25°	0	0	2	2	3	5	11	19	29	44	60
-27.5°	0	0	2	2	3	5	11	19	29	43	58
-30°	0	0	2	2	3	6	10	18	28	42	57
-32.5°	0	0	2	2	3	6	10	18	28	41	54
-35°	0	0	2	2	3	6	10	18	27	39	52
-37.5°	0	0	2	2	3	6	10	17	26	38	51
-40°	0	0	2	2	3	6	10	16	24	36	50
-42.5°	0	0	2	2	3	6	10	16	23	35	48
-45°	0	0	2	2	3	6	10	15	22	32	46
-47.5°	0	0	2	2	3	6	10	15	21	30	43
-50°	0	0	2	2	3	6	9	14	20	29	40
-52.5°	0	0	2	2	3	6	9	13	19	27	36
-55°	0	0	2	2	3	6	9	12	18	25	34
-57.5°	0	0	2	2	3	5	8	12	17	24	32
-60°	0	0	2	2	3	5	8	11	16	22	29
-62.5°	0	0	2	2	3	5	7	11	15	20	27
-65°	0	0	1	2	3	4	7	10	14	18	24
-67.5°	0	0	1	2	3	4	6	9	12	16	21
-70°	0	0	1	2	3	4	5	8	11	14	18
-72.5°	0	0	1	2	3	4	5	7	9	12	15
-75°	0	0	1	2	3	4	5	6	7	10	13
-77.5°	0	0	1	2	2	3	4	5	6	8	10
-80°	0	0	1	1	2	3	4	5	6	7	8
-82.5°	0	0	0	1	1	2	3	4	5	6	7
-85°	0	0	0	1	1	1	2	3	3	4	5
-87.5°	0	0	0	0	0	1	1	1	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626846 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-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	0	0	0	1	1	0	0	0
62.5°	2	1	1	1	1	1	1	1	0	0	1
60°	2	2	1	2	2	2	1	1	2	2	4
57.5°	2	2	2	2	2	2	2	3	7	11	12
55°	2	2	2	3	3	3	5	10	15	19	21
52.5°	2	2	3	3	4	7	13	19	24	28	33
50°	2	3	4	5	8	14	22	28	35	41	48
47.5°	3	4	6	8	15	23	32	40	48	56	66
45°	4	6	8	14	23	33	44	53	61	71	80
42.5°	5	9	14	20	33	45	57	65	73	84	96
40°	8	13	19	30	43	58	68	77	86	101	115
37.5°	11	18	26	39	55	69	80	90	103	120	138
35°	15	23	34	50	67	80	92	104	123	142	163
32.5°	20	27	43	60	76	90	103	122	142	163	192
30°	24	34	51	70	85	100	118	139	159	185	218
27.5°	28	42	60	78	94	109	133	153	175	205	245
25°	33	49	68	85	102	121	147	169	192	230	284
22.5°	39	56	75	92	109	134	162	189	219	257	323
20°	45	63	82	101	117	146	177	211	251	304	391
17.5°	51	69	89	109	129	159	194	233	283	349	477
15°	56	75	96	117	141	172	211	259	320	402	560
12.5°	60	80	102	125	151	184	226	278	350	468	667
10°	65	84	108	133	160	195	238	294	374	515	747
7.5°	68	89	114	140	168	204	249	307	396	552	809
5°	71	94	119	146	174	212	258	317	414	579	857
2.5°	74	99	123	150	178	218	265	327	431	602	897
0°	76	104	126	154	182	222	271	334	445	617	929
-2.5°	79	106	130	157	187	226	273	339	449	620	923
-5°	81	108	134	159	191	228	274	341	449	615	903
-7.5°	83	109	137	161	193	229	274	340	444	604	873
-10°	84	110	138	163	194	228	273	335	434	584	826
-12.5°	86	111	138	164	194	227	269	328	417	555	766
-15°	87	112	138	164	193	225	263	317	395	515	692
-17.5°	87	112	137	162	191	221	256	305	374	480	639
-20°	87	112	136	159	189	217	250	295	357	446	575

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CATALOG NUMBER: GFLD-SA2B-730-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°	86	111	135	157	185	213	244	283	336	409	513
-25°	85	109	133	156	181	209	236	271	316	381	467
-27.5°	82	107	131	153	177	203	229	260	300	350	419
-30°	78	104	127	150	173	198	223	249	284	327	383
-32.5°	74	101	123	146	168	192	215	240	270	306	349
-35°	71	96	119	140	163	186	208	231	256	287	325
-37.5°	69	91	115	135	156	179	200	222	245	270	304
-40°	67	87	110	130	149	171	192	213	233	259	285
-42.5°	64	84	105	125	143	163	183	203	224	247	272
-45°	61	80	100	119	137	156	175	194	214	236	259
-47.5°	58	75	94	111	129	148	167	185	203	224	245
-50°	54	70	87	104	120	138	157	176	193	211	230
-52.5°	49	64	80	96	111	127	146	165	182	200	216
-55°	45	58	73	89	104	117	134	153	170	187	205
-57.5°	41	52	66	81	96	110	125	141	158	175	191
-60°	38	47	59	72	87	101	116	131	146	162	177
-62.5°	34	42	52	63	77	91	105	119	134	147	160
-65°	31	37	45	55	66	78	92	105	119	131	142
-67.5°	27	33	39	47	56	67	77	90	102	114	125
-70°	24	29	34	40	47	56	66	75	85	96	106
-72.5°	20	24	29	34	40	47	55	63	71	80	89
-75°	16	20	24	28	33	39	45	52	59	66	74
-77.5°	13	16	19	22	26	31	36	41	47	52	58
-80°	10	12	14	17	20	24	27	31	35	39	44
-82.5°	8	9	11	13	15	17	19	22	25	28	32
-85°	6	6	7	8	10	11	12	14	16	18	20
-87.5°	3	3	4	4	5	5	6	7	8	9	10
-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°	1	1	1	1	0	0	1	1	1	1	2
60°	5	4	5	6	6	4	7	8	7	6	6
57.5°	13	14	16	19	21	22	24	26	27	28	29
55°	24	29	34	36	40	46	51	52	53	54	57
52.5°	38	44	46	51	59	63	66	70	75	79	83
50°	55	60	66	73	80	85	87	94	104	111	116
47.5°	73	79	89	102	108	114	121	131	141	152	161
45°	89	100	113	124	133	142	153	165	181	196	208
42.5°	107	120	133	146	155	171	190	204	227	247	260
40°	129	141	160	176	195	216	247	276	305	339	363
37.5°	154	174	200	226	255	285	341	398	445	510	547
35°	185	216	253	291	337	409	491	601	716	812	904
32.5°	221	260	311	379	457	572	695	899	1097	1295	1490
30°	256	312	391	485	613	795	1026	1341	1682	1980	2251
27.5°	303	383	485	625	843	1110	1537	1974	2408	2796	3074
25°	360	466	611	843	1157	1600	2172	2708	3218	3598	3918
22.5°	442	601	807	1102	1672	2288	2973	3647	4220	4699	5014
20°	543	759	1102	1637	2308	3078	3960	4669	5374	5913	6394
17.5°	686	1030	1515	2195	2996	4024	4932	5722	6617	7168	7659
15°	815	1257	1949	2815	3755	4844	5914	6883	7747	8352	8901
12.5°	978	1498	2294	3313	4341	5553	6666	7703	8549	9172	9556
10°	1124	1746	2638	3704	4854	6121	7274	8354	9173	9655	9937
7.5°	1242	1951	2917	4039	5253	6528	7746	8818	9602	10005	10197
5°	1333	2103	3135	4313	5575	6879	8122	9171	9832	10165	10272
2.5°	1402	2210	3283	4494	5792	7138	8408	9441	10005	10245	10281
0°	1448	2284	3378	4607	5978	7231	8562	9612	10147	10340	10359
-2.5°	1437	2257	3374	4566	5956	7273	8587	9623	10196	10455	10497
-5°	1408	2194	3262	4450	5787	7105	8359	9452	10156	10547	10721
-7.5°	1352	2084	3071	4226	5512	6832	8110	9245	10055	10605	10944
-10°	1255	1924	2826	3944	5211	6469	7732	8910	9782	10445	10917
-12.5°	1124	1706	2527	3544	4818	5992	7188	8317	9268	10086	10574
-15°	989	1480	2217	3147	4256	5413	6518	7625	8565	9329	9938
-17.5°	892	1281	1858	2672	3646	4743	5821	6838	7686	8404	9043
-20°	770	1059	1516	2200	3058	4017	5049	5955	6712	7385	7995

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REPORT NUMBER: P626846 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-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°	673	907	1237	1704	2474	3320	4165	4998	5710	6310	6830
-25°	585	749	1007	1387	1887	2618	3330	4033	4691	5248	5717
-27.5°	516	646	818	1088	1468	1895	2519	3107	3672	4182	4624
-30°	453	550	685	854	1112	1429	1804	2244	2695	3097	3499
-32.5°	407	477	569	695	840	1066	1293	1589	1874	2168	2456
-35°	367	423	486	570	669	801	951	1131	1284	1476	1653
-37.5°	339	378	426	479	550	624	725	835	930	1037	1127
-40°	316	347	379	415	464	514	579	641	701	766	815
-42.5°	296	321	345	372	401	441	485	524	560	598	630
-45°	281	300	319	340	362	391	422	451	474	496	513
-47.5°	265	281	298	315	333	354	375	393	413	430	442
-50°	249	265	280	295	311	327	343	358	372	385	392
-52.5°	233	250	265	278	292	305	319	332	344	355	360
-55°	221	237	252	264	275	287	299	311	323	333	336
-57.5°	208	224	238	249	260	270	281	293	304	314	317
-60°	193	210	222	233	244	255	265	276	286	294	298
-62.5°	175	190	202	212	222	231	242	253	264	272	278
-65°	154	167	178	188	198	207	217	227	237	245	250
-67.5°	135	145	154	164	173	182	192	201	210	217	221
-70°	116	126	135	143	151	159	167	175	183	189	193
-72.5°	98	107	114	122	129	136	143	150	157	162	166
-75°	81	88	95	101	108	113	119	124	129	133	137
-77.5°	64	70	75	81	86	91	95	99	103	106	110
-80°	49	53	57	61	65	69	72	75	78	81	84
-82.5°	35	38	41	43	46	48	51	53	55	57	59
-85°	22	24	25	27	28	30	31	33	34	35	36
-87.5°	11	11	12	13	13	14	15	15	16	17	17
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626846 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-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°	28	26	24	22	24	26	28	29	28	27	26
55°	61	64	65	65	65	64	61	57	54	53	52
52.5°	86	88	87	85	87	88	86	83	79	75	70
50°	118	118	117	115	117	118	118	116	111	104	94
47.5°	165	168	169	169	169	168	165	161	152	141	131
45°	212	214	215	215	215	214	212	208	196	181	165
42.5°	267	271	272	271	272	271	267	260	247	227	204
40°	378	383	380	375	380	383	378	363	339	305	276
37.5°	572	591	599	599	599	591	572	547	510	445	398
35°	987	1053	1084	1046	1084	1053	987	904	812	716	601
32.5°	1649	1766	1832	1832	1832	1766	1649	1490	1295	1097	899
30°	2455	2602	2684	2701	2684	2602	2455	2251	1980	1682	1341
27.5°	3291	3442	3521	3510	3521	3442	3291	3074	2796	2408	1974
25°	4130	4245	4311	4313	4311	4245	4130	3918	3598	3218	2708
22.5°	5369	5611	5710	5737	5710	5611	5369	5014	4699	4220	3647
20°	6720	6954	7105	7114	7105	6954	6720	6394	5913	5374	4669
17.5°	8007	8123	8145	8154	8145	8123	8007	7659	7168	6617	5722
15°	9220	9261	9368	9382	9368	9261	9220	8901	8352	7747	6883
12.5°	9797	9834	9815	9766	9815	9834	9797	9556	9172	8549	7703
10°	10111	10058	9980	9886	9980	10058	10111	9937	9655	9173	8354
7.5°	10182	10123	9986	9849	9986	10123	10182	10197	10005	9602	8818
5°	10215	10044	9870	9704	9870	10044	10215	10272	10165	9832	9171
2.5°	10196	9992	9753	9575	9753	9992	10196	10281	10245	10005	9441
0°	10261	10055	9804	9738	9804	10055	10261	10359	10340	10147	9612
-2.5°	10442	10275	10144	10108	10144	10275	10442	10497	10455	10196	9623
-5°	10768	10731	10509	10561	10509	10731	10768	10721	10547	10156	9452
-7.5°	11082	11030	10936	11058	10936	11030	11082	10944	10605	10055	9245
-10°	11166	11149	11193	11301	11193	11149	11166	10917	10445	9782	8910
-12.5°	10909	11044	11195	11308	11195	11044	10909	10574	10086	9268	8317
-15°	10338	10612	10838	10945	10838	10612	10338	9938	9329	8565	7625
-17.5°	9495	9832	10099	10175	10099	9832	9495	9043	8404	7686	6838
-20°	8458	8801	9044	9141	9044	8801	8458	7995	7385	6712	5955

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REPORT NUMBER: P626846 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-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°	7290	7625	7845	7961	7845	7625	7290	6830	6310	5710	4998
-25°	6106	6400	6596	6647	6596	6400	6106	5717	5248	4691	4033
-27.5°	4973	5209	5354	5370	5354	5209	4973	4624	4182	3672	3107
-30°	3833	4053	4178	4244	4178	4053	3833	3499	3097	2695	2244
-32.5°	2692	2866	2972	3000	2972	2866	2692	2456	2168	1874	1589
-35°	1795	1903	1970	1984	1970	1903	1795	1653	1476	1284	1131
-37.5°	1200	1253	1286	1302	1286	1253	1200	1127	1037	930	835
-40°	850	875	889	892	889	875	850	815	766	701	641
-42.5°	650	663	669	671	669	663	650	630	598	560	524
-45°	525	534	540	541	540	534	525	513	496	474	451
-47.5°	450	455	459	460	459	455	450	442	430	413	393
-50°	397	400	401	401	401	400	397	392	385	372	358
-52.5°	363	365	366	365	366	365	363	360	355	344	332
-55°	339	340	340	339	340	340	339	336	333	323	311
-57.5°	320	321	321	319	321	321	320	317	314	304	293
-60°	301	303	303	302	303	303	301	298	294	286	276
-62.5°	282	286	286	286	286	286	282	278	272	264	253
-65°	255	260	259	258	259	260	255	250	245	237	227
-67.5°	225	229	229	228	229	229	225	221	217	210	201
-70°	197	201	201	200	201	201	197	193	189	183	175
-72.5°	170	173	174	174	174	173	170	166	162	157	150
-75°	141	144	144	143	144	144	141	137	133	129	124
-77.5°	113	116	116	115	116	116	113	110	106	103	99
-80°	86	89	88	87	88	89	86	84	81	78	75
-82.5°	61	63	62	61	62	63	61	59	57	55	53
-85°	38	39	39	39	39	39	38	36	35	34	33
-87.5°	18	18	18	17	18	18	18	17	17	16	15
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626846 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-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	4	6	6	5	4	5	4	2	2	1
57.5°	24	22	21	19	16	14	13	12	11	7	3
55°	51	46	40	36	34	29	24	21	19	15	10
52.5°	66	63	59	51	46	44	38	33	28	24	19
50°	87	85	80	73	66	60	55	48	41	35	28
47.5°	121	114	108	102	89	79	73	66	56	48	40
45°	153	142	133	124	113	100	89	80	71	61	53
42.5°	190	171	155	146	133	120	107	96	84	73	65
40°	247	216	195	176	160	141	129	115	101	86	77
37.5°	341	285	255	226	200	174	154	138	120	103	90
35°	491	409	337	291	253	216	185	163	142	123	104
32.5°	695	572	457	379	311	260	221	192	163	142	122
30°	1026	795	613	485	391	312	256	218	185	159	139
27.5°	1537	1110	843	625	485	383	303	245	205	175	153
25°	2172	1600	1157	843	611	466	360	284	230	192	169
22.5°	2973	2288	1672	1102	807	601	442	323	257	219	189
20°	3960	3078	2308	1637	1102	759	543	391	304	251	211
17.5°	4932	4024	2996	2195	1515	1030	686	477	349	283	233
15°	5914	4844	3755	2815	1949	1257	815	560	402	320	259
12.5°	6666	5553	4341	3313	2294	1498	978	667	468	350	278
10°	7274	6121	4854	3704	2638	1746	1124	747	515	374	294
7.5°	7746	6528	5253	4039	2917	1951	1242	809	552	396	307
5°	8122	6879	5575	4313	3135	2103	1333	857	579	414	317
2.5°	8408	7138	5792	4494	3283	2210	1402	897	602	431	327
0°	8562	7231	5978	4607	3378	2284	1448	929	617	445	334
-2.5°	8587	7273	5956	4566	3374	2257	1437	923	620	449	339
-5°	8359	7105	5787	4450	3262	2194	1408	903	615	449	341
-7.5°	8110	6832	5512	4226	3071	2084	1352	873	604	444	340
-10°	7732	6469	5211	3944	2826	1924	1255	826	584	434	335
-12.5°	7188	5992	4818	3544	2527	1706	1124	766	555	417	328
-15°	6518	5413	4256	3147	2217	1480	989	692	515	395	317
-17.5°	5821	4743	3646	2672	1858	1281	892	639	480	374	305
-20°	5049	4017	3058	2200	1516	1059	770	575	446	357	295

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CATALOG NUMBER: GFLD-SA2B-730-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°	4165	3320	2474	1704	1237	907	673	513	409	336	283
-25°	3330	2618	1887	1387	1007	749	585	467	381	316	271
-27.5°	2519	1895	1468	1088	818	646	516	419	350	300	260
-30°	1804	1429	1112	854	685	550	453	383	327	284	249
-32.5°	1293	1066	840	695	569	477	407	349	306	270	240
-35°	951	801	669	570	486	423	367	325	287	256	231
-37.5°	725	624	550	479	426	378	339	304	270	245	222
-40°	579	514	464	415	379	347	316	285	259	233	213
-42.5°	485	441	401	372	345	321	296	272	247	224	203
-45°	422	391	362	340	319	300	281	259	236	214	194
-47.5°	375	354	333	315	298	281	265	245	224	203	185
-50°	343	327	311	295	280	265	249	230	211	193	176
-52.5°	319	305	292	278	265	250	233	216	200	182	165
-55°	299	287	275	264	252	237	221	205	187	170	153
-57.5°	281	270	260	249	238	224	208	191	175	158	141
-60°	265	255	244	233	222	210	193	177	162	146	131
-62.5°	242	231	222	212	202	190	175	160	147	134	119
-65°	217	207	198	188	178	167	154	142	131	119	105
-67.5°	192	182	173	164	154	145	135	125	114	102	90
-70°	167	159	151	143	135	126	116	106	96	85	75
-72.5°	143	136	129	122	114	107	98	89	80	71	63
-75°	119	113	108	101	95	88	81	74	66	59	52
-77.5°	95	91	86	81	75	70	64	58	52	47	41
-80°	72	69	65	61	57	53	49	44	39	35	31
-82.5°	51	48	46	43	41	38	35	32	28	25	22
-85°	31	30	28	27	25	24	22	20	18	16	14
-87.5°	15	14	13	13	12	11	11	10	9	8	7
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626846 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-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	0	1	1	1	1	1	0	0
62.5°	1	1	1	1	1	1	2	1	1	1	0
60°	1	2	2	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°	13	7	4	3	3	2	2	2	2	2	2
50°	22	14	8	5	4	3	2	2	2	2	2
47.5°	32	23	15	8	6	4	3	3	2	2	2
45°	44	33	23	14	8	6	4	3	2	2	2
42.5°	57	45	33	20	14	9	5	4	3	2	2
40°	68	58	43	30	19	13	8	4	3	2	3
37.5°	80	69	55	39	26	18	11	5	4	3	3
35°	92	80	67	50	34	23	15	7	5	4	3
32.5°	103	90	76	60	43	27	20	11	7	4	3
30°	118	100	85	70	51	34	24	15	8	5	3
27.5°	133	109	94	78	60	42	28	18	10	6	4
25°	147	121	102	85	68	49	33	22	13	7	4
22.5°	162	134	109	92	75	56	39	25	15	9	5
20°	177	146	117	101	82	63	45	29	18	10	5
17.5°	194	159	129	109	89	69	51	33	20	12	6
15°	211	172	141	117	96	75	56	37	22	14	7
12.5°	226	184	151	125	102	80	60	41	24	15	8
10°	238	195	160	133	108	84	65	45	27	17	10
7.5°	249	204	168	140	114	89	68	48	30	18	11
5°	258	212	174	146	119	94	71	50	33	19	12
2.5°	265	218	178	150	123	99	74	52	36	20	14
0°	271	222	182	154	126	104	76	54	39	20	15
-2.5°	273	226	187	157	130	106	79	57	41	23	15
-5°	274	228	191	159	134	108	81	59	42	25	16
-7.5°	274	229	193	161	137	109	83	61	43	28	16
-10°	273	228	194	163	138	110	84	63	45	29	16
-12.5°	269	227	194	164	138	111	86	64	45	31	17
-15°	263	225	193	164	138	112	87	65	46	31	17
-17.5°	256	221	191	162	137	112	87	65	46	31	17
-20°	250	217	189	159	136	112	87	64	46	31	18

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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°	244	213	185	157	135	111	86	62	45	30	19
-25°	236	209	181	156	133	109	85	60	44	29	19
-27.5°	229	203	177	153	131	107	82	58	43	29	19
-30°	223	198	173	150	127	104	78	57	42	28	18
-32.5°	215	192	168	146	123	101	74	54	41	28	18
-35°	208	186	163	140	119	96	71	52	39	27	18
-37.5°	200	179	156	135	115	91	69	51	38	26	17
-40°	192	171	149	130	110	87	67	50	36	24	16
-42.5°	183	163	143	125	105	84	64	48	35	23	16
-45°	175	156	137	119	100	80	61	46	32	22	15
-47.5°	167	148	129	111	94	75	58	43	30	21	15
-50°	157	138	120	104	87	70	54	40	29	20	14
-52.5°	146	127	111	96	80	64	49	36	27	19	13
-55°	134	117	104	89	73	58	45	34	25	18	12
-57.5°	125	110	96	81	66	52	41	32	24	17	12
-60°	116	101	87	72	59	47	38	29	22	16	11
-62.5°	105	91	77	63	52	42	34	27	20	15	11
-65°	92	78	66	55	45	37	31	24	18	14	10
-67.5°	77	67	56	47	39	33	27	21	16	12	9
-70°	66	56	47	40	34	29	24	18	14	11	8
-72.5°	55	47	40	34	29	24	20	15	12	9	7
-75°	45	39	33	28	24	20	16	13	10	7	6
-77.5°	36	31	26	22	19	16	13	10	8	6	5
-80°	27	24	20	17	14	12	10	8	7	6	5
-82.5°	19	17	15	13	11	9	8	7	6	5	4
-85°	12	11	10	8	7	6	6	5	4	3	3
-87.5°	6	5	5	4	4	3	3	2	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: P626846 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-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	1	2	1	0	0
45°	2	2	1	2	1	0	0
42.5°	2	2	2	2	1	0	0
40°	2	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	2	2	2	1	0	0
27.5°	3	3	2	2	1	0	0
25°	3	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	3	2	2	2	0	0
15°	4	3	2	2	2	0	0
12.5°	4	3	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°	5	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°	8	4	2	2	2	0	0
-10°	9	4	2	2	2	0	0
-12.5°	10	5	3	2	2	0	0
-15°	10	5	3	2	2	0	0
-17.5°	10	5	3	2	2	0	0
-20°	11	5	3	2	2	0	0

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CATALOG NUMBER: GFLD-SA2B-730-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)