

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: P626896 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2C-727-U-MWR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P626896 (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: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2C-727-U-MWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9197 lumens
Efficiency: N/A
Efficacy: 75.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 12884.8 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 6160.1 lumens
Beam Efficiency: 67.0%

Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 8294.1 lumens
Field Efficiency: 90.2%

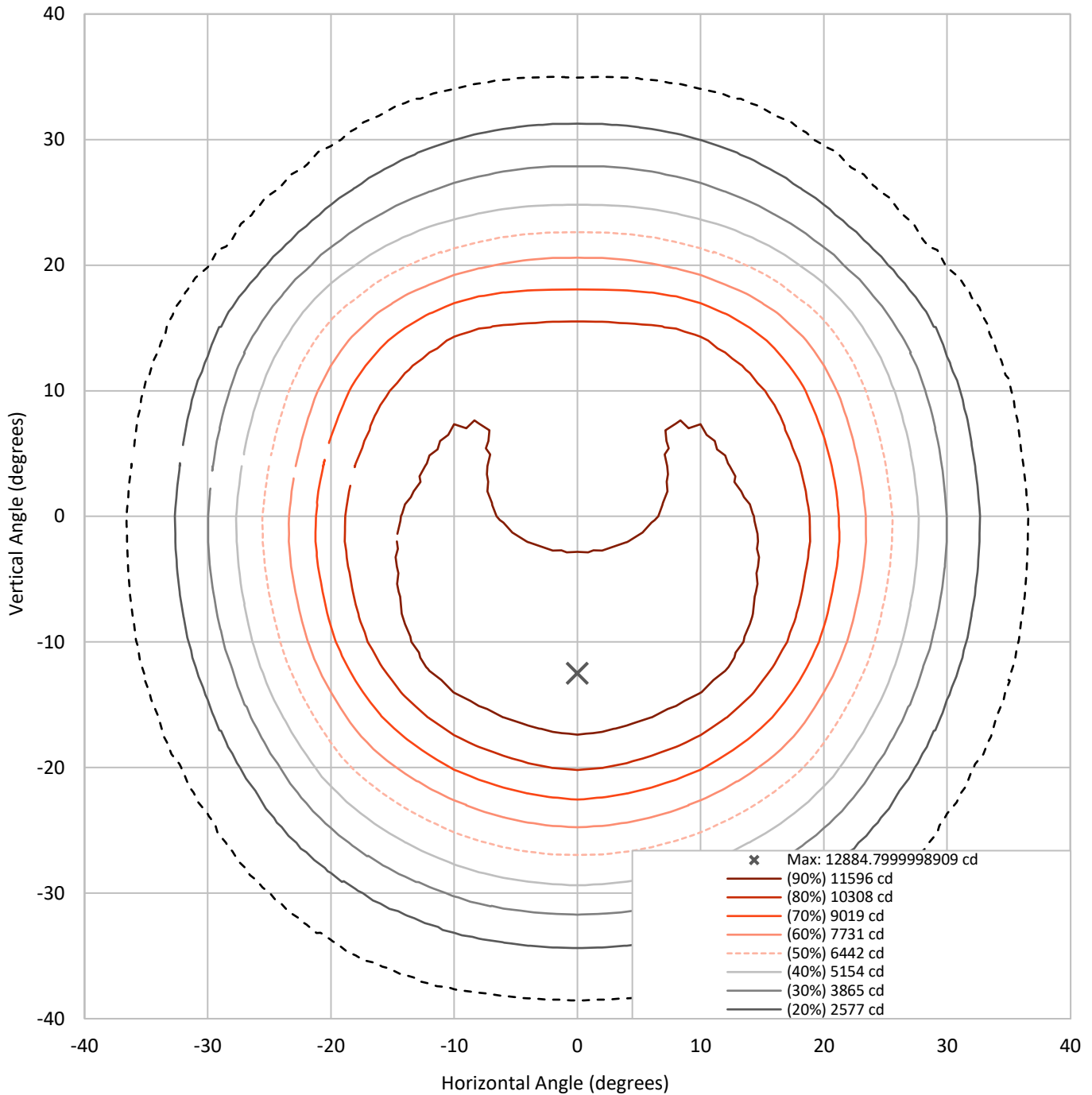
Input Watts (W): 121.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P626896 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-727-U-MWR-VSR-XX

Iso-Candela Plot





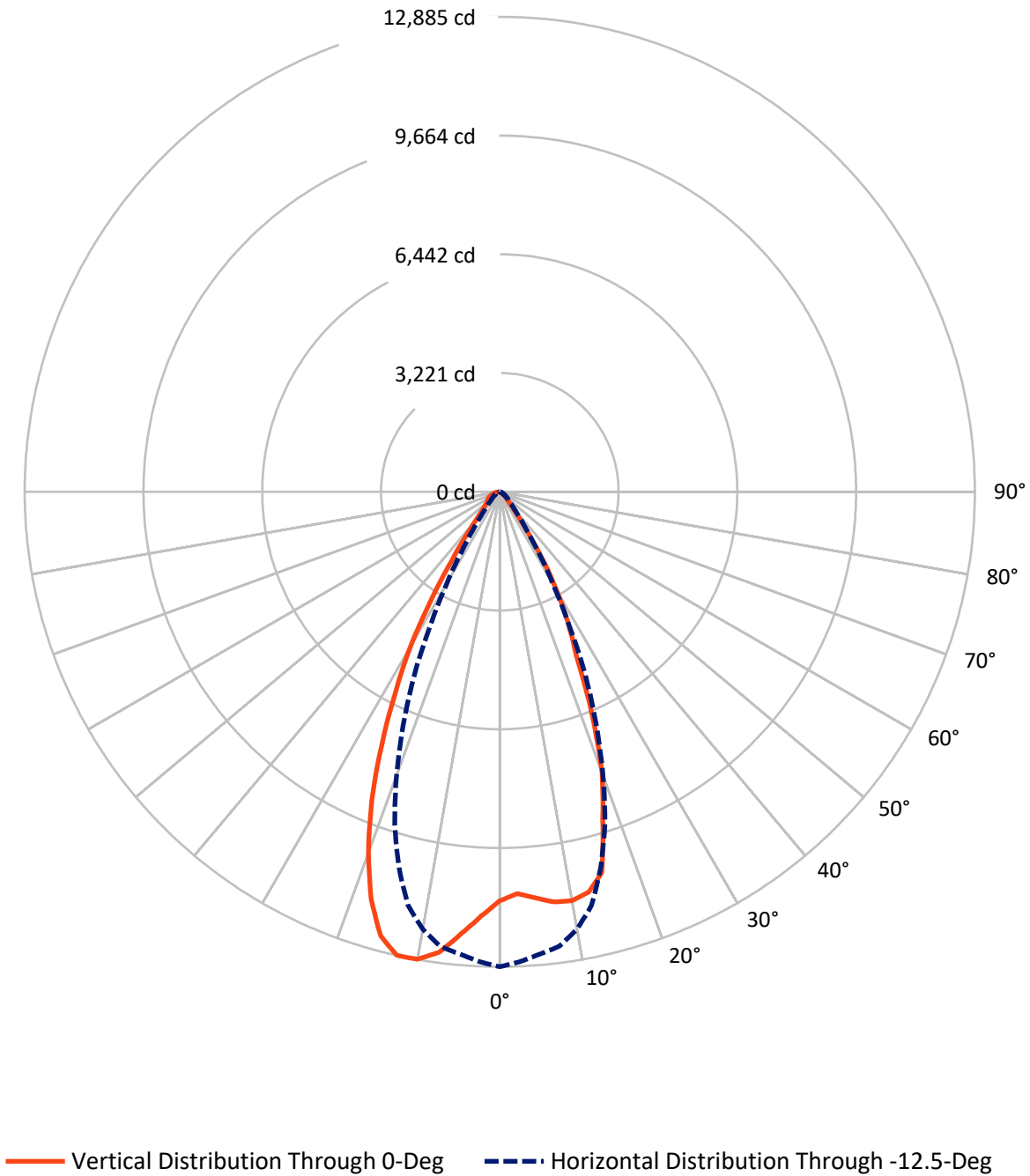
REPORT NUMBER: P626896 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.0	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	1.3	1.8	2.0	2.0	1.8	1.3	0.7	0.3	0.1	0.0				
40	0.0	0.1	0.4	1.3	2.6	4.2	6.3	7.7	7.7	6.3	4.2	2.6	1.3	0.4	0.1	0.0			
30		0.2	1.0	2.7	5.5	11.9	27.1	41.5	41.5	27.1	11.9	5.5	2.7	1.0	0.2				
20	0.1	0.4	1.7	4.3	11.5	42.8	110.1	153.9	153.9	110.1	42.8	11.5	4.3	1.7	0.4	0.1			
10		0.6	2.4	6.6	27.5	118.7	247.7	306.7	306.7	247.7	118.7	27.5	6.6	2.4	0.6				
0	0.2	0.8	3.0	8.6	43.7	174.8	319.3	346.2	346.2	319.3	174.8	43.7	8.6	3.0	0.8	0.2			
-10		0.9	3.3	9.2	45.7	180.6	330.8	367.5	367.5	330.8	180.6	45.7	9.2	3.3	0.9				
-20	0.3	1.0	3.3	8.3	32.7	134.4	279.1	356.4	356.4	279.1	134.4	32.7	8.3	3.3	1.0	0.3			
-30		1.0	3.2	6.9	18.3	65.2	155.5	218.8	218.8	155.5	65.2	18.3	6.9	3.2	1.0				
-40	0.2	0.9	2.8	5.8	10.9	23.2	48.6	72.1	72.1	48.6	23.2	10.9	5.8	2.8	0.9	0.2			
-50		0.7	2.4	4.8	8.0	11.8	16.6	19.7	19.7	16.6	11.8	8.0	4.8	2.4	0.7				
-60	0.2	0.5	1.8	3.8	6.3	8.7	10.8	11.9	11.9	10.8	8.7	6.3	3.8	1.8	0.5	0.2			
-70		0.4	1.1	2.6	4.4	6.2	7.9	8.8	8.8	7.9	6.2	4.4	2.6	1.1	0.4				
-80	0.1	1.0	4.6	9.9	12.6	9.9	4.6	1.0	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

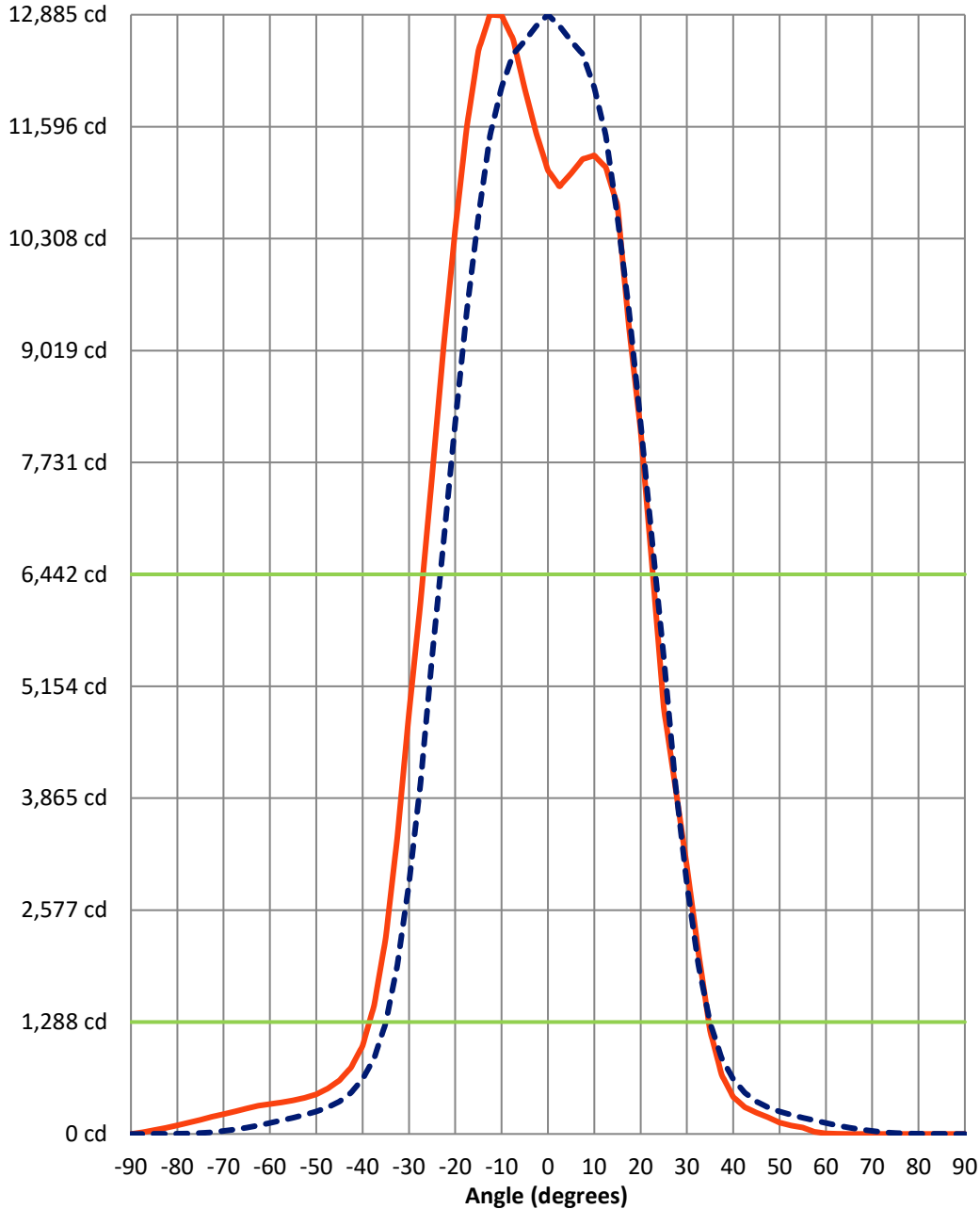
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 6160.1
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 8294.1
 Efficiency: 90.2%

Spill:
 Lumens: 902.9
 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	2	2
57.5°	0	0	0	1	1	1	1	2	2	2	2
55°	0	0	0	1	1	1	1	2	2	2	2
52.5°	0	0	0	2	1	1	2	2	2	2	2
50°	0	0	1	2	2	1	2	2	2	2	2
47.5°	0	0	1	2	2	2	2	2	2	2	3
45°	0	0	1	2	2	2	2	3	2	3	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	8
32.5°	0	0	1	2	2	2	4	3	5	7	13
30°	0	0	2	2	2	3	4	3	6	9	17
27.5°	0	0	2	2	2	3	4	4	7	11	21
25°	0	0	2	2	2	3	4	5	9	14	25
22.5°	0	0	2	2	2	3	4	6	10	17	29
20°	0	0	2	2	2	4	4	6	12	20	33
17.5°	0	0	2	2	2	4	4	7	14	23	38
15°	0	0	2	2	2	4	5	8	16	25	43
12.5°	0	0	2	2	2	4	5	9	17	27	47
10°	0	0	2	2	2	4	5	11	19	30	51
7.5°	0	0	2	2	2	4	5	12	20	34	55
5°	0	0	2	2	2	4	6	14	21	38	57
2.5°	0	0	2	2	2	4	6	16	22	41	60
0°	0	0	2	2	2	4	6	17	23	44	61
-2.5°	0	0	2	2	2	4	7	17	26	46	65
-5°	0	0	2	2	2	5	8	18	29	48	67
-7.5°	0	0	2	2	3	5	9	18	31	49	70
-10°	0	0	2	2	3	5	10	19	33	51	72
-12.5°	0	0	2	2	3	5	11	19	35	52	73
-15°	0	0	2	2	3	5	12	19	35	52	74
-17.5°	0	0	2	2	3	5	12	20	35	52	74
-20°	0	0	2	2	3	5	12	21	35	52	73

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REPORT NUMBER: P626896 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	2	2	3	5	12	21	34	52	71
-25°	0	0	2	2	3	6	12	21	34	50	68
-27.5°	0	0	2	2	3	6	12	21	33	49	67
-30°	0	0	2	2	3	6	12	21	32	48	65
-32.5°	0	0	2	2	3	7	11	21	32	46	62
-35°	0	0	2	2	3	7	11	20	31	45	59
-37.5°	0	1	2	2	3	7	12	19	30	43	58
-40°	0	1	2	2	3	7	12	19	28	42	57
-42.5°	0	1	2	2	4	7	12	18	27	39	55
-45°	0	1	2	2	4	7	11	17	25	37	53
-47.5°	0	1	2	2	4	7	11	17	24	34	49
-50°	0	1	2	2	4	7	11	16	23	33	46
-52.5°	0	1	2	2	4	6	10	15	22	31	42
-55°	0	0	2	3	4	6	10	14	21	29	39
-57.5°	0	0	2	3	4	6	9	14	20	27	36
-60°	0	0	2	3	4	6	9	13	18	25	33
-62.5°	0	0	2	3	4	5	8	12	17	23	31
-65°	0	0	2	3	4	5	8	11	15	21	28
-67.5°	0	0	1	3	3	5	7	10	14	19	24
-70°	0	0	1	3	3	5	6	9	12	16	21
-72.5°	0	0	1	2	3	4	6	7	10	14	18
-75°	0	0	1	2	3	4	5	7	8	11	14
-77.5°	0	0	1	2	3	4	5	6	7	9	11
-80°	0	0	1	1	2	3	4	5	6	8	9
-82.5°	0	0	1	1	2	2	3	4	5	6	7
-85°	0	0	0	1	1	2	2	3	4	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



REPORT NUMBER: P626896 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	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	1	1
60°	2	2	1	2	2	2	1	1	2	2	5
57.5°	2	2	2	2	2	2	3	3	8	13	14
55°	2	2	2	3	3	4	6	12	18	22	24
52.5°	2	2	3	4	5	8	15	21	27	32	37
50°	3	3	4	6	9	16	25	32	40	46	54
47.5°	4	4	6	9	17	26	36	46	55	64	76
45°	4	7	9	16	26	38	50	61	70	81	91
42.5°	5	10	15	23	37	51	65	74	84	96	109
40°	9	14	22	34	49	66	78	87	98	115	131
37.5°	13	20	29	45	63	79	91	102	118	137	157
35°	18	26	39	57	76	91	104	119	140	162	186
32.5°	22	31	49	68	87	103	118	139	162	186	218
30°	27	39	58	80	97	114	135	159	181	211	249
27.5°	32	47	68	89	107	124	151	175	200	234	280
25°	38	56	77	97	116	138	168	193	218	262	323
22.5°	44	64	86	105	124	152	184	215	249	292	368
20°	51	72	94	115	133	166	202	240	286	346	445
17.5°	58	79	102	124	147	181	221	266	323	398	543
15°	63	85	109	133	160	196	240	295	364	458	639
12.5°	69	91	116	143	172	210	257	317	398	533	760
10°	74	96	123	151	183	222	272	335	426	587	851
7.5°	78	101	130	160	192	233	284	350	451	629	922
5°	81	107	135	166	198	241	294	362	472	660	976
2.5°	84	113	140	171	203	248	302	372	491	686	1023
0°	87	118	144	175	207	253	308	380	507	703	1058
-2.5°	90	121	149	179	213	257	311	386	512	706	1051
-5°	92	123	153	181	217	259	312	388	511	700	1029
-7.5°	94	124	156	183	220	260	312	387	506	689	994
-10°	96	125	157	185	221	260	311	382	494	666	941
-12.5°	98	127	157	187	221	259	307	374	475	632	873
-15°	99	127	157	186	220	256	300	362	450	586	789
-17.5°	100	128	156	185	218	252	291	347	427	547	729
-20°	99	127	155	182	215	248	285	336	407	509	655

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REPORT NUMBER: P626896 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	99	126	154	179	211	243	278	323	382	466	584
-25°	96	125	152	178	206	238	269	308	360	434	532
-27.5°	93	122	149	175	201	232	261	297	342	399	478
-30°	89	118	145	171	197	225	254	284	324	373	436
-32.5°	84	115	140	166	192	219	246	273	307	348	398
-35°	81	109	136	160	185	212	237	263	291	328	370
-37.5°	79	104	131	154	178	203	228	253	279	307	346
-40°	76	99	125	148	170	195	219	242	266	295	324
-42.5°	73	95	119	143	163	186	209	231	255	282	310
-45°	70	91	114	135	156	178	200	221	244	269	295
-47.5°	66	86	107	127	147	169	190	211	231	255	280
-50°	61	80	100	118	137	158	179	200	220	240	262
-52.5°	56	73	92	110	127	145	166	188	208	228	247
-55°	51	66	83	101	118	134	153	174	194	213	233
-57.5°	47	60	75	92	109	125	142	161	180	199	218
-60°	43	54	67	83	99	115	132	149	167	185	202
-62.5°	39	48	59	72	87	104	119	135	152	167	183
-65°	35	43	52	63	75	89	104	120	135	149	162
-67.5°	31	38	45	53	64	76	88	102	116	129	142
-70°	27	33	39	46	54	64	75	86	97	109	121
-72.5°	22	27	33	38	45	54	63	72	81	92	102
-75°	18	22	27	32	38	44	52	59	67	75	84
-77.5°	14	18	22	25	30	35	41	47	53	60	66
-80°	11	13	16	20	23	27	31	35	40	45	50
-82.5°	9	10	12	14	17	19	22	25	28	32	36
-85°	6	7	8	10	11	13	14	16	18	20	23
-87.5°	3	4	4	5	5	6	7	7	9	10	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626896 (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	1	0	1	1	1	2	2
60°	6	4	5	7	7	5	7	9	8	6	7
57.5°	15	16	18	21	24	25	27	29	31	32	33
55°	27	33	38	41	45	52	58	59	60	62	65
52.5°	43	50	53	58	67	72	75	80	85	90	95
50°	63	68	75	83	92	97	99	108	118	127	132
47.5°	83	90	102	116	123	130	138	149	161	174	183
45°	101	114	129	142	151	162	174	188	206	223	237
42.5°	122	137	152	166	177	195	216	232	259	282	296
40°	147	161	182	200	223	246	281	314	348	386	414
37.5°	176	198	228	257	290	324	388	453	507	581	623
35°	211	246	288	332	384	466	559	685	816	925	1030
32.5°	252	296	355	432	521	652	792	1024	1250	1476	1698
30°	292	356	446	552	698	906	1169	1528	1916	2257	2564
27.5°	345	436	552	712	960	1264	1751	2249	2744	3185	3503
25°	410	531	696	960	1318	1823	2475	3086	3666	4099	4464
22.5°	503	685	919	1255	1905	2607	3388	4156	4808	5354	5713
20°	618	864	1256	1866	2630	3508	4512	5320	6124	6737	7286
17.5°	782	1174	1727	2501	3414	4585	5619	6520	7540	8167	8727
15°	929	1432	2221	3208	4278	5519	6739	7843	8827	9516	10142
12.5°	1114	1707	2613	3775	4946	6327	7595	8777	9741	10450	10888
10°	1281	1989	3006	4221	5531	6974	8289	9518	10452	11001	11323
7.5°	1415	2223	3324	4602	5986	7438	8827	10047	10941	11400	11619
5°	1519	2397	3573	4915	6352	7838	9255	10450	11202	11582	11705
2.5°	1597	2518	3740	5121	6599	8133	9580	10758	11400	11673	11714
0°	1650	2603	3849	5250	6811	8239	9756	10952	11562	11782	11803
-2.5°	1637	2572	3844	5203	6787	8287	9784	10964	11617	11913	11961
-5°	1604	2500	3717	5070	6594	8096	9524	10770	11572	12018	12215
-7.5°	1540	2375	3499	4815	6281	7785	9241	10534	11456	12084	12470
-10°	1430	2192	3220	4493	5938	7371	8810	10152	11146	11901	12439
-12.5°	1281	1944	2880	4038	5490	6827	8191	9476	10561	11492	12048
-15°	1127	1686	2527	3586	4850	6167	7427	8688	9759	10630	11323
-17.5°	1017	1460	2117	3044	4154	5404	6633	7792	8758	9576	10304
-20°	878	1207	1727	2507	3484	4577	5754	6785	7648	8415	9110



REPORT NUMBER: P626896 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	767	1033	1410	1941	2819	3783	4745	5695	6506	7190	7783
-25°	666	853	1147	1580	2151	2983	3794	4596	5345	5980	6514
-27.5°	588	736	932	1240	1673	2159	2870	3540	4184	4765	5268
-30°	516	627	780	973	1268	1628	2056	2557	3070	3529	3987
-32.5°	464	544	649	792	957	1215	1473	1811	2136	2470	2799
-35°	418	482	553	649	762	913	1083	1289	1463	1682	1884
-37.5°	386	431	486	546	627	711	827	952	1059	1181	1284
-40°	360	395	432	473	528	585	660	730	798	873	928
-42.5°	338	366	393	424	457	503	553	596	638	682	718
-45°	320	342	363	387	412	445	481	514	541	565	585
-47.5°	302	321	340	358	380	404	427	448	471	489	503
-50°	283	302	319	336	354	373	391	408	424	438	447
-52.5°	266	285	302	317	332	348	363	378	392	405	410
-55°	252	270	287	300	314	327	340	354	368	380	383
-57.5°	237	255	272	284	296	308	321	334	346	358	361
-60°	220	239	253	265	277	290	302	314	326	335	339
-62.5°	199	216	230	241	253	263	276	288	301	310	316
-65°	175	190	203	214	225	235	247	259	270	279	285
-67.5°	154	165	176	186	197	207	219	229	240	247	252
-70°	133	144	153	163	172	182	191	200	209	215	220
-72.5°	112	121	130	139	147	155	163	171	178	184	189
-75°	93	101	108	115	122	129	135	141	147	152	156
-77.5°	73	80	86	92	98	103	108	113	117	121	125
-80°	56	61	65	70	75	78	82	86	89	92	95
-82.5°	40	43	46	49	52	55	58	60	63	65	67
-85°	26	27	29	31	32	34	36	37	39	40	42
-87.5°	12	13	14	15	15	16	17	18	18	19	20
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626896 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	2	2	2	2	2	2	2	2	2	1	1
60°	7	6	6	6	6	6	7	7	6	8	9
57.5°	32	30	28	25	28	30	32	33	32	31	29
55°	69	73	75	74	75	73	69	65	62	60	59
52.5°	98	100	99	97	99	100	98	95	90	85	80
50°	134	134	133	131	133	134	134	132	127	118	108
47.5°	188	191	192	192	192	191	188	183	174	161	149
45°	242	244	245	245	245	244	242	237	223	206	188
42.5°	304	308	310	308	310	308	304	296	282	259	232
40°	430	436	433	427	433	436	430	414	386	348	314
37.5°	652	673	682	682	682	673	652	623	581	507	453
35°	1125	1200	1235	1192	1235	1200	1125	1030	925	816	685
32.5°	1879	2012	2087	2087	2087	2012	1879	1698	1476	1250	1024
30°	2797	2964	3058	3078	3058	2964	2797	2564	2257	1916	1528
27.5°	3750	3922	4012	3999	4012	3922	3750	3503	3185	2744	2249
25°	4706	4836	4912	4914	4912	4836	4706	4464	4099	3666	3086
22.5°	6118	6393	6506	6536	6506	6393	6118	5713	5354	4808	4156
20°	7657	7924	8096	8106	8096	7924	7657	7286	6737	6124	5320
17.5°	9123	9256	9280	9291	9280	9256	9123	8727	8167	7540	6520
15°	10506	10552	10675	10690	10675	10552	10506	10142	9516	8827	7843
12.5°	11162	11205	11184	11127	11184	11205	11162	10888	10450	9741	8777
10°	11520	11460	11371	11265	11371	11460	11520	11323	11001	10452	9518
7.5°	11601	11535	11378	11222	11378	11535	11601	11619	11400	10941	10047
5°	11640	11445	11247	11057	11247	11445	11640	11705	11582	11202	10450
2.5°	11617	11385	11113	10910	11113	11385	11617	11714	11673	11400	10758
0°	11691	11457	11171	11095	11171	11457	11691	11803	11782	11562	10952
-2.5°	11898	11708	11559	11518	11559	11708	11898	11961	11913	11617	10964
-5°	12269	12227	11974	12033	11974	12227	12269	12215	12018	11572	10770
-7.5°	12628	12568	12461	12600	12461	12568	12628	12470	12084	11456	10534
-10°	12723	12703	12754	12876	12754	12703	12723	12439	11901	11146	10152
-12.5°	12431	12584	12756	12885	12756	12584	12431	12048	11492	10561	9476
-15°	11779	12092	12349	12471	12349	12092	11779	11323	10630	9759	8688
-17.5°	10819	11203	11507	11594	11507	11203	10819	10304	9576	8758	7792
-20°	9637	10028	10305	10415	10305	10028	9637	9110	8415	7648	6785



REPORT NUMBER: P626896 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8307	8688	8939	9072	8939	8688	8307	7783	7190	6506	5695
-25°	6957	7292	7515	7574	7515	7292	6957	6514	5980	5345	4596
-27.5°	5666	5936	6100	6118	6100	5936	5666	5268	4765	4184	3540
-30°	4368	4618	4760	4836	4760	4618	4368	3987	3529	3070	2557
-32.5°	3067	3266	3387	3418	3387	3266	3067	2799	2470	2136	1811
-35°	2045	2169	2245	2261	2245	2169	2045	1884	1682	1463	1289
-37.5°	1367	1428	1465	1483	1465	1428	1367	1284	1181	1059	952
-40°	969	997	1013	1016	1013	997	969	928	873	798	730
-42.5°	741	755	763	765	763	755	741	718	682	638	596
-45°	599	609	615	617	615	609	599	585	565	541	514
-47.5°	512	519	523	524	523	519	512	503	489	471	448
-50°	452	455	457	456	457	455	452	447	438	424	408
-52.5°	414	416	417	416	417	416	414	410	405	392	378
-55°	386	387	388	387	388	387	386	383	380	368	354
-57.5°	364	366	366	363	366	366	364	361	358	346	334
-60°	343	345	345	344	345	345	343	339	335	326	314
-62.5°	321	326	326	325	326	326	321	316	310	301	288
-65°	291	296	296	294	296	296	291	285	279	270	259
-67.5°	257	261	261	260	261	261	257	252	247	240	229
-70°	225	229	229	228	229	229	225	220	215	209	200
-72.5°	193	197	198	199	198	197	193	189	184	178	171
-75°	160	164	164	163	164	164	160	156	152	147	141
-77.5°	129	132	132	131	132	132	129	125	121	117	113
-80°	98	101	100	99	100	101	98	95	92	89	86
-82.5°	69	71	71	70	71	71	69	67	65	63	60
-85°	43	44	44	44	44	44	43	42	40	39	37
-87.5°	20	21	20	19	20	21	20	20	19	18	18
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626896 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	1	0	1	1	1	1	1	1	1	0	1
60°	7	5	7	7	5	4	6	5	2	2	1
57.5°	27	25	24	21	18	16	15	14	13	8	3
55°	58	52	45	41	38	33	27	24	22	18	12
52.5°	75	72	67	58	53	50	43	37	32	27	21
50°	99	97	92	83	75	68	63	54	46	40	32
47.5°	138	130	123	116	102	90	83	76	64	55	46
45°	174	162	151	142	129	114	101	91	81	70	61
42.5°	216	195	177	166	152	137	122	109	96	84	74
40°	281	246	223	200	182	161	147	131	115	98	87
37.5°	388	324	290	257	228	198	176	157	137	118	102
35°	559	466	384	332	288	246	211	186	162	140	119
32.5°	792	652	521	432	355	296	252	218	186	162	139
30°	1169	906	698	552	446	356	292	249	211	181	159
27.5°	1751	1264	960	712	552	436	345	280	234	200	175
25°	2475	1823	1318	960	696	531	410	323	262	218	193
22.5°	3388	2607	1905	1255	919	685	503	368	292	249	215
20°	4512	3508	2630	1866	1256	864	618	445	346	286	240
17.5°	5619	4585	3414	2501	1727	1174	782	543	398	323	266
15°	6739	5519	4278	3208	2221	1432	929	639	458	364	295
12.5°	7595	6327	4946	3775	2613	1707	1114	760	533	398	317
10°	8289	6974	5531	4221	3006	1989	1281	851	587	426	335
7.5°	8827	7438	5986	4602	3324	2223	1415	922	629	451	350
5°	9255	7838	6352	4915	3573	2397	1519	976	660	472	362
2.5°	9580	8133	6599	5121	3740	2518	1597	1023	686	491	372
0°	9756	8239	6811	5250	3849	2603	1650	1058	703	507	380
-2.5°	9784	8287	6787	5203	3844	2572	1637	1051	706	512	386
-5°	9524	8096	6594	5070	3717	2500	1604	1029	700	511	388
-7.5°	9241	7785	6281	4815	3499	2375	1540	994	689	506	387
-10°	8810	7371	5938	4493	3220	2192	1430	941	666	494	382
-12.5°	8191	6827	5490	4038	2880	1944	1281	873	632	475	374
-15°	7427	6167	4850	3586	2527	1686	1127	789	586	450	362
-17.5°	6633	5404	4154	3044	2117	1460	1017	729	547	427	347
-20°	5754	4577	3484	2507	1727	1207	878	655	509	407	336

Classified

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

Scaled Data Report



REPORT NUMBER: P626896 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4745	3783	2819	1941	1410	1033	767	584	466	382	323
-25°	3794	2983	2151	1580	1147	853	666	532	434	360	308
-27.5°	2870	2159	1673	1240	932	736	588	478	399	342	297
-30°	2056	1628	1268	973	780	627	516	436	373	324	284
-32.5°	1473	1215	957	792	649	544	464	398	348	307	273
-35°	1083	913	762	649	553	482	418	370	328	291	263
-37.5°	827	711	627	546	486	431	386	346	307	279	253
-40°	660	585	528	473	432	395	360	324	295	266	242
-42.5°	553	503	457	424	393	366	338	310	282	255	231
-45°	481	445	412	387	363	342	320	295	269	244	221
-47.5°	427	404	380	358	340	321	302	280	255	231	211
-50°	391	373	354	336	319	302	283	262	240	220	200
-52.5°	363	348	332	317	302	285	266	247	228	208	188
-55°	340	327	314	300	287	270	252	233	213	194	174
-57.5°	321	308	296	284	272	255	237	218	199	180	161
-60°	302	290	277	265	253	239	220	202	185	167	149
-62.5°	276	263	253	241	230	216	199	183	167	152	135
-65°	247	235	225	214	203	190	175	162	149	135	120
-67.5°	219	207	197	186	176	165	154	142	129	116	102
-70°	191	182	172	163	153	144	133	121	109	97	86
-72.5°	163	155	147	139	130	121	112	102	92	81	72
-75°	135	129	122	115	108	101	93	84	75	67	59
-77.5°	108	103	98	92	86	80	73	66	60	53	47
-80°	82	78	75	70	65	61	56	50	45	40	35
-82.5°	58	55	52	49	46	43	40	36	32	28	25
-85°	36	34	32	31	29	27	26	23	20	18	16
-87.5°	17	16	15	15	14	13	12	11	10	9	7
-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: P626896 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	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	2	1	1
57.5°	3	2	2	2	2	2	2	2	2	2	2
55°	6	4	3	3	2	2	2	2	2	2	2
52.5°	15	8	5	4	3	2	2	2	2	2	2
50°	25	16	9	6	4	3	3	2	2	2	2
47.5°	36	26	17	9	6	4	4	3	2	2	2
45°	50	38	26	16	9	7	4	3	3	2	3
42.5°	65	51	37	23	15	10	5	4	3	2	3
40°	78	66	49	34	22	14	9	5	4	3	3
37.5°	91	79	63	45	29	20	13	6	5	3	3
35°	104	91	76	57	39	26	18	8	6	4	3
32.5°	118	103	87	68	49	31	22	13	7	5	3
30°	135	114	97	80	58	39	27	17	9	6	3
27.5°	151	124	107	89	68	47	32	21	11	7	4
25°	168	138	116	97	77	56	38	25	14	9	5
22.5°	184	152	124	105	86	64	44	29	17	10	6
20°	202	166	133	115	94	72	51	33	20	12	6
17.5°	221	181	147	124	102	79	58	38	23	14	7
15°	240	196	160	133	109	85	63	43	25	16	8
12.5°	257	210	172	143	116	91	69	47	27	17	9
10°	272	222	183	151	123	96	74	51	30	19	11
7.5°	284	233	192	160	130	101	78	55	34	20	12
5°	294	241	198	166	135	107	81	57	38	21	14
2.5°	302	248	203	171	140	113	84	60	41	22	16
0°	308	253	207	175	144	118	87	61	44	23	17
-2.5°	311	257	213	179	149	121	90	65	46	26	17
-5°	312	259	217	181	153	123	92	67	48	29	18
-7.5°	312	260	220	183	156	124	94	70	49	31	18
-10°	311	260	221	185	157	125	96	72	51	33	19
-12.5°	307	259	221	187	157	127	98	73	52	35	19
-15°	300	256	220	186	157	127	99	74	52	35	19
-17.5°	291	252	218	185	156	128	100	74	52	35	20
-20°	285	248	215	182	155	127	99	73	52	35	21

Classified

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

Scaled Data Report



REPORT NUMBER: P626896 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	278	243	211	179	154	126	99	71	52	34	21
-25°	269	238	206	178	152	125	96	68	50	34	21
-27.5°	261	232	201	175	149	122	93	67	49	33	21
-30°	254	225	197	171	145	118	89	65	48	32	21
-32.5°	246	219	192	166	140	115	84	62	46	32	21
-35°	237	212	185	160	136	109	81	59	45	31	20
-37.5°	228	203	178	154	131	104	79	58	43	30	19
-40°	219	195	170	148	125	99	76	57	42	28	19
-42.5°	209	186	163	143	119	95	73	55	39	27	18
-45°	200	178	156	135	114	91	70	53	37	25	17
-47.5°	190	169	147	127	107	86	66	49	34	24	17
-50°	179	158	137	118	100	80	61	46	33	23	16
-52.5°	166	145	127	110	92	73	56	42	31	22	15
-55°	153	134	118	101	83	66	51	39	29	21	14
-57.5°	142	125	109	92	75	60	47	36	27	20	14
-60°	132	115	99	83	67	54	43	33	25	18	13
-62.5°	119	104	87	72	59	48	39	31	23	17	12
-65°	104	89	75	63	52	43	35	28	21	15	11
-67.5°	88	76	64	53	45	38	31	24	19	14	10
-70°	75	64	54	46	39	33	27	21	16	12	9
-72.5°	63	54	45	38	33	27	22	18	14	10	7
-75°	52	44	38	32	27	22	18	14	11	8	7
-77.5°	41	35	30	25	22	18	14	11	9	7	6
-80°	31	27	23	20	16	13	11	9	8	6	5
-82.5°	22	19	17	14	12	10	9	7	6	5	4
-85°	14	13	11	10	8	7	6	5	4	4	3
-87.5°	7	6	5	5	4	4	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: P626896 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	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°	2	1	1	2	0	0	0
50°	2	1	2	2	1	0	0
47.5°	2	2	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°	4	2	2	2	1	0	0
30°	4	3	2	2	2	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	4	2	2	2	0	0
17.5°	4	4	2	2	2	0	0
15°	5	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°	6	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	5	2	2	2	0	0
-7.5°	9	5	3	2	2	0	0
-10°	10	5	3	2	2	0	0
-12.5°	11	5	3	2	2	0	0
-15°	12	5	3	2	2	0	0
-17.5°	12	5	3	2	2	0	0
-20°	12	5	3	2	2	0	0

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CATALOG NUMBER: GFLD-SA2C-727-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	6	3	2	2	0	0
-27.5°	12	6	3	2	2	0	0
-30°	12	6	3	2	2	0	0
-32.5°	11	7	3	2	2	0	0
-35°	11	7	3	2	2	0	0
-37.5°	12	7	3	2	2	1	0
-40°	12	7	3	2	2	1	0
-42.5°	12	7	4	2	2	1	0
-45°	11	7	4	2	2	1	0
-47.5°	11	7	4	2	2	1	0
-50°	11	7	4	2	2	1	0
-52.5°	10	6	4	2	2	1	0
-55°	10	6	4	3	2	0	0
-57.5°	9	6	4	3	2	0	0
-60°	9	6	4	3	2	0	0
-62.5°	8	5	4	3	2	0	0
-65°	8	5	4	3	2	0	0
-67.5°	7	5	3	3	1	0	0
-70°	6	5	3	3	1	0	0
-72.5°	6	4	3	2	1	0	0
-75°	5	4	3	2	1	0	0
-77.5°	5	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)