

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: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA4C-727-U-MWR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627376 (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-SA4C-727-U-MWR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (64) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

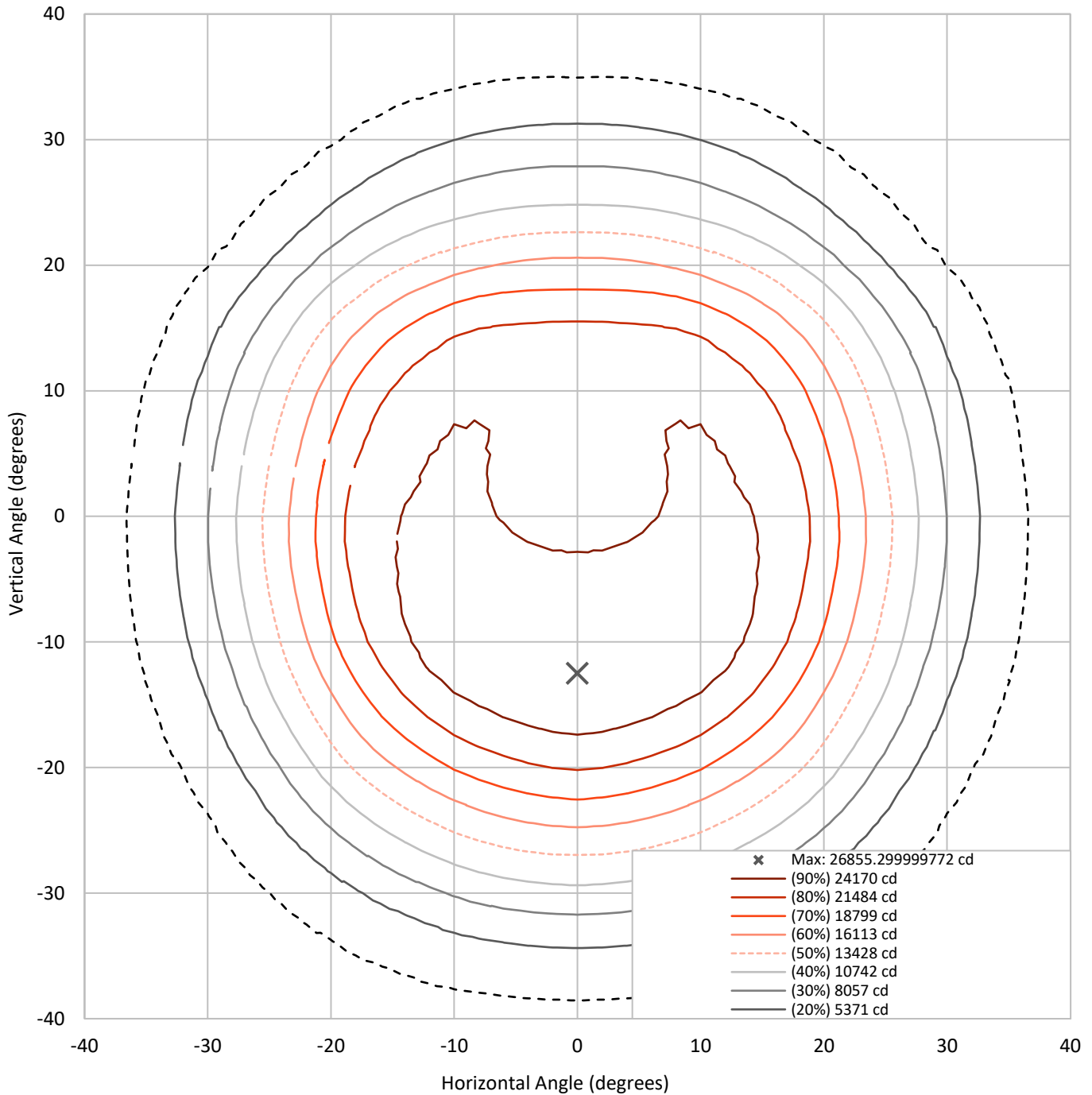
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 5V
Luminaire Lumens:	19168.8 lumens	Max Intensity:	26855.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -12.5°V
Efficacy:	114.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	46.4°H x 49.6°V	Field Angle (10%):	69.9°H x 73.3°V
Beam Lumens:	12839.2 lumens	Field Lumens:	17277.7 lumens
Beam Efficiency:	67.0%	Field Efficiency:	90.1%
Input Watts (W):	168.2		
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: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-U-MWR-VSR-XX

Iso-Candela Plot





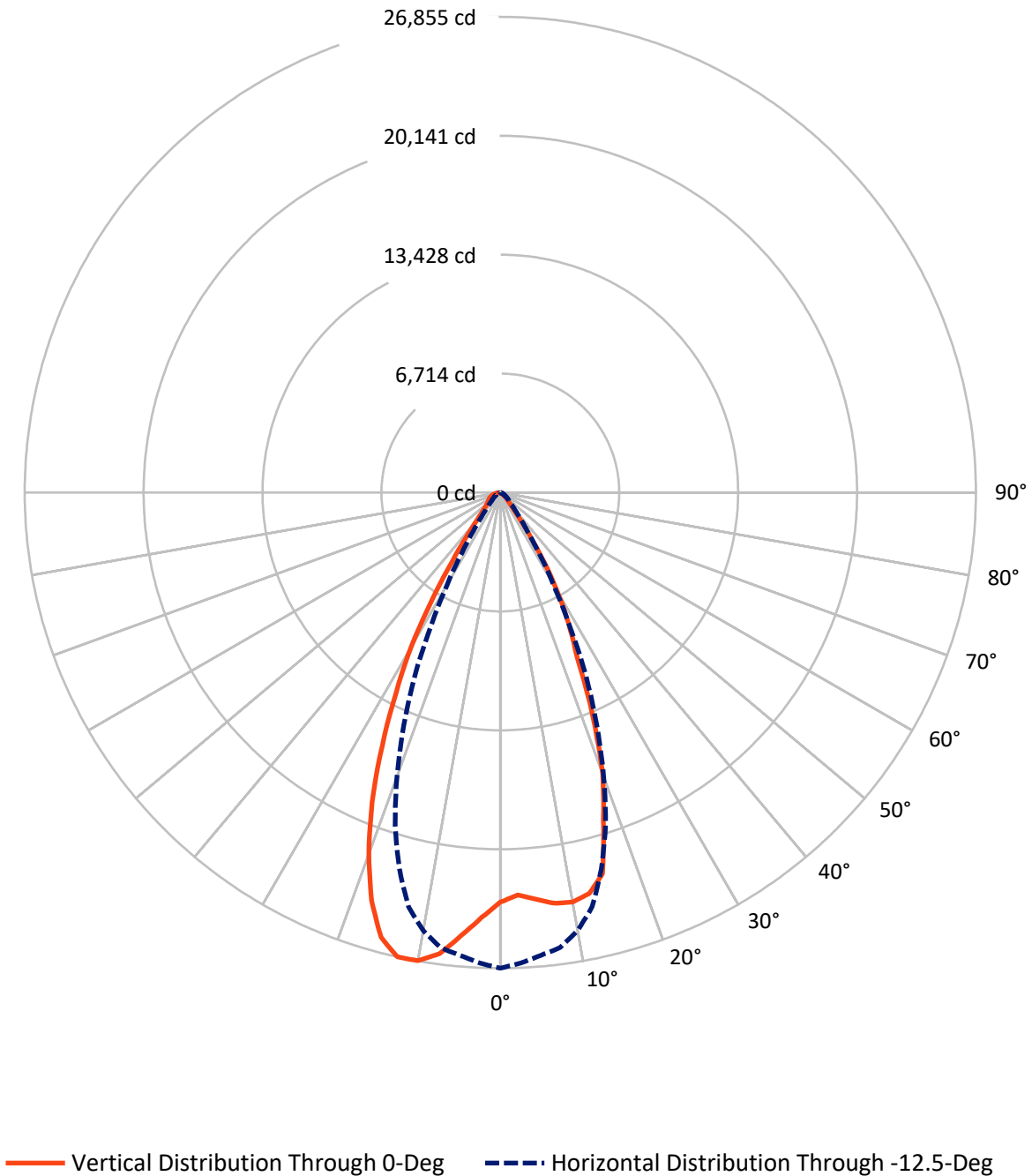
REPORT NUMBER: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-U-MWR-VSR-XX

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	0.0			
70																			
60	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0			
50		0.1	0.1	0.6	1.6	2.6	3.7	4.3	4.3	3.7	2.6	1.6	0.6	0.1	0.1				
40	0.1	0.1	0.7	2.7	5.4	8.8	13.1	16.1	16.1	13.1	8.8	5.4	2.7	0.7	0.1	0.1			
30		0.3	2.1	5.6	11.5	24.9	56.6	86.4	86.4	56.6	24.9	11.5	5.6	2.1	0.3				
20	0.2	0.8	3.6	8.9	24.1	89.1	229.5	320.7	320.7	229.5	89.1	24.1	8.9	3.6	0.8	0.2			
10		1.3	5.0	13.8	57.2	247.5	516.2	639.2	639.2	516.2	247.5	57.2	13.8	5.0	1.3				
0	0.4	1.7	6.2	17.8	91.2	364.4	665.6	721.6	721.6	665.6	364.4	91.2	17.8	6.2	1.7	0.4			
-10		2.0	6.8	19.1	95.4	376.4	689.6	765.9	765.9	689.6	376.4	95.4	19.1	6.8	2.0				
-20	0.5	2.1	6.9	17.4	68.2	280.2	581.7	742.8	742.8	581.7	280.2	68.2	17.4	6.9	2.1	0.5			
-30		2.0	6.6	14.4	38.1	135.9	324.1	456.1	456.1	324.1	135.9	38.1	14.4	6.6	2.0				
-40	0.5	1.8	5.9	12.0	22.8	48.4	101.3	150.3	150.3	101.3	48.4	22.8	12.0	5.9	1.8	0.5			
-50		1.5	4.9	10.0	16.6	24.6	34.6	41.0	41.0	34.6	24.6	16.6	10.0	4.9	1.5				
-60	0.4	1.1	3.7	7.9	13.1	18.1	22.6	24.7	24.7	22.6	18.1	13.1	7.9	3.7	1.1	0.4			
-70		0.8	2.4	5.4	9.2	12.9	16.4	18.3	18.3	16.4	12.9	9.2	5.4	2.4	0.8				
-80	0.1	2.1	9.6	20.6	26.4	20.6	9.6	2.1	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

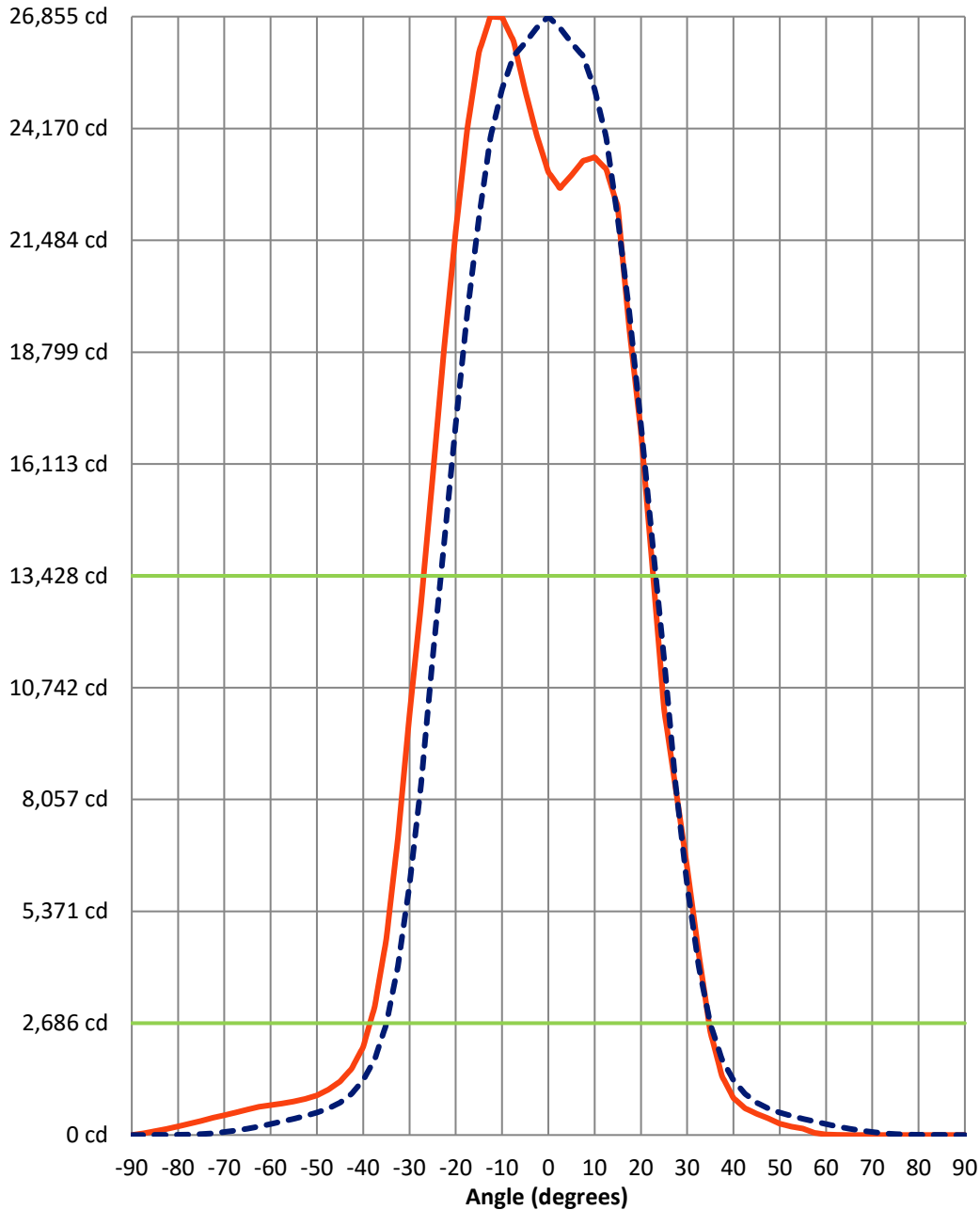
REPORT NUMBER: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-U-MWR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-U-MWR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 12839.2
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 17277.7
 Efficiency: 90.1%

Spill:
 Lumens: 1891.1
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through -12.5-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-U-MWR-VSR-XX

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	1	0	0	0	0	0
70°	0	0	0	0	1	1	0	0	0	0	0
67.5°	0	0	0	1	1	1	0	0	0	1	1
65°	0	0	0	1	2	2	1	0	1	1	1
62.5°	0	0	0	1	2	2	1	1	2	2	3
60°	0	0	0	2	3	2	1	2	3	3	4
57.5°	0	0	0	2	3	2	2	3	4	4	4
55°	0	0	1	3	3	2	3	4	4	4	4
52.5°	0	0	1	3	3	2	3	4	4	4	4
50°	0	0	1	4	3	3	4	5	4	4	5
47.5°	0	0	2	4	3	3	4	5	4	4	6
45°	0	0	2	4	3	4	5	5	5	5	7
42.5°	0	0	2	4	4	4	5	6	5	7	9
40°	0	0	2	4	4	4	6	6	6	8	11
37.5°	0	0	3	4	4	4	6	6	7	10	12
35°	0	0	3	4	4	5	7	6	9	12	16
32.5°	0	0	3	4	4	5	7	7	10	16	26
30°	0	0	3	4	4	6	8	7	12	19	35
27.5°	0	0	3	4	4	6	8	9	15	23	44
25°	0	0	4	4	4	7	8	10	18	30	51
22.5°	0	0	4	4	4	7	8	12	21	36	60
20°	0	0	4	4	4	7	9	13	25	42	70
17.5°	0	0	4	4	4	8	9	14	29	47	79
15°	0	0	4	4	4	8	10	16	33	52	89
12.5°	0	0	4	4	4	8	10	19	36	56	98
10°	0	0	4	4	4	8	11	23	40	63	107
7.5°	0	0	4	4	4	9	11	26	42	71	114
5°	0	0	4	4	4	9	12	29	45	78	120
2.5°	0	0	4	4	4	9	13	32	47	86	124
0°	0	0	4	4	4	9	13	35	48	92	128
-2.5°	0	0	4	4	5	9	16	36	55	97	134
-5°	0	0	4	4	5	10	18	37	61	100	140
-7.5°	0	0	4	4	6	10	20	38	66	103	145
-10°	0	0	4	4	6	10	22	39	70	106	149
-12.5°	0	0	4	4	6	11	23	39	73	108	152
-15°	0	1	4	4	6	11	24	40	74	109	153
-17.5°	0	1	4	4	7	11	25	41	73	109	153
-20°	0	1	4	4	7	11	25	43	73	109	151

Classified

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

Scaled Data Report



REPORT NUMBER: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-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	1	4	4	7	11	25	44	71	107	148
-25°	0	1	4	4	7	12	25	45	70	105	142
-27.5°	0	1	4	4	7	13	25	44	68	102	139
-30°	0	1	4	4	6	14	24	44	67	99	135
-32.5°	0	1	4	4	7	14	24	43	66	96	129
-35°	0	1	4	4	7	14	24	42	65	93	123
-37.5°	0	1	4	4	7	14	24	40	62	90	121
-40°	0	1	4	4	7	15	24	39	58	86	119
-42.5°	0	1	4	4	7	15	24	37	55	82	115
-45°	0	1	4	5	8	14	23	36	53	77	110
-47.5°	0	1	4	5	8	14	23	35	50	71	103
-50°	0	1	4	5	8	14	22	33	48	68	95
-52.5°	0	1	4	5	8	13	21	31	46	65	86
-55°	0	1	4	5	8	13	21	29	43	60	81
-57.5°	0	1	4	5	8	13	20	28	41	57	76
-60°	0	1	4	5	8	12	18	27	38	53	69
-62.5°	0	1	4	5	8	11	17	25	35	48	64
-65°	0	1	3	5	7	11	16	23	32	43	57
-67.5°	0	1	3	5	7	10	14	21	28	39	51
-70°	0	1	3	5	7	9	13	18	25	33	44
-72.5°	0	1	3	5	7	9	12	16	21	28	36
-75°	0	1	2	4	7	8	11	14	17	23	30
-77.5°	0	0	2	4	6	8	10	12	15	19	23
-80°	0	0	2	3	5	7	9	11	13	16	19
-82.5°	0	0	1	2	3	5	7	9	11	13	15
-85°	0	0	1	1	2	3	5	6	7	9	11
-87.5°	0	0	0	1	1	2	2	3	4	5	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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	1	0	0	0	0	0	0	0
65°	2	3	2	1	0	1	1	1	0	0	0
62.5°	4	3	2	2	2	3	3	2	0	1	2
60°	4	4	3	3	4	4	3	3	4	4	10
57.5°	4	4	4	5	5	5	5	6	16	26	29
55°	5	4	5	6	7	8	12	24	37	45	49
52.5°	5	5	7	8	10	17	30	45	57	66	77
50°	6	7	9	12	19	34	51	67	82	97	113
47.5°	7	9	13	19	36	55	75	96	114	133	157
45°	9	14	19	34	54	79	104	127	145	168	190
42.5°	11	21	32	48	77	106	135	154	174	199	228
40°	18	30	46	71	102	137	162	182	204	239	273
37.5°	27	42	61	93	131	164	189	213	245	285	327
35°	37	54	82	118	159	190	218	248	292	338	387
32.5°	47	65	102	143	182	215	245	291	337	388	455
30°	57	82	122	166	203	238	281	331	377	439	518
27.5°	67	99	142	185	223	259	316	364	417	488	583
25°	78	117	161	203	242	288	350	402	455	546	674
22.5°	92	134	179	219	259	318	384	449	519	609	767
20°	107	150	196	239	277	347	421	500	596	721	928
17.5°	120	164	212	258	307	377	461	554	673	830	1133
15°	132	177	227	278	334	409	501	616	759	954	1331
12.5°	143	189	243	297	359	438	536	661	831	1111	1584
10°	153	199	257	316	381	463	566	699	888	1223	1773
7.5°	162	211	270	333	399	485	592	730	940	1311	1921
5°	169	224	282	346	413	503	614	754	983	1376	2035
2.5°	175	236	292	357	424	517	631	776	1024	1429	2131
0°	180	247	299	365	431	528	643	793	1057	1466	2206
-2.5°	187	252	310	372	444	536	649	805	1067	1471	2191
-5°	192	256	318	377	453	541	650	809	1066	1460	2146
-7.5°	196	259	325	382	459	543	651	806	1055	1436	2073
-10°	199	261	327	387	460	542	648	796	1030	1388	1962
-12.5°	204	264	327	389	460	539	639	779	990	1317	1820
-15°	206	265	327	389	458	533	625	754	938	1222	1645
-17.5°	208	266	326	385	454	525	607	724	889	1140	1519
-20°	207	265	324	379	449	516	594	701	849	1060	1366

Classified

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

Scaled Data Report



REPORT NUMBER: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-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°	205	263	321	373	440	507	580	673	797	970	1217
-25°	201	260	317	370	430	496	561	643	751	904	1109
-27.5°	194	254	310	364	420	483	544	619	713	831	996
-30°	185	247	302	356	411	470	529	591	674	777	909
-32.5°	175	239	293	346	400	456	512	570	641	726	829
-35°	168	228	283	333	387	441	494	549	607	683	771
-37.5°	164	217	273	320	371	424	475	527	581	641	721
-40°	159	206	261	309	355	406	456	505	554	614	676
-42.5°	152	198	249	297	341	388	435	482	532	587	645
-45°	146	189	237	282	326	370	416	460	509	561	614
-47.5°	138	178	224	264	307	351	396	439	482	531	583
-50°	128	166	208	246	285	329	373	417	459	500	545
-52.5°	118	152	191	229	264	301	347	391	433	474	514
-55°	106	138	174	211	246	279	318	363	405	445	486
-57.5°	97	124	157	192	227	261	297	335	376	415	455
-60°	90	112	139	172	207	240	275	310	348	385	421
-62.5°	81	100	123	150	182	216	248	282	317	349	381
-65°	73	89	108	131	156	186	218	250	282	310	337
-67.5°	65	79	94	111	133	158	184	213	242	270	296
-70°	56	68	81	95	112	132	156	179	203	227	252
-72.5°	46	57	69	80	95	112	130	149	170	191	212
-75°	38	46	56	66	78	92	108	124	140	157	175
-77.5°	30	37	45	53	62	73	85	98	111	125	138
-80°	23	28	34	41	48	56	64	73	83	94	105
-82.5°	18	22	26	30	35	40	45	52	59	67	75
-85°	13	15	18	20	23	26	29	33	38	43	48
-87.5°	7	8	9	10	11	13	14	16	18	20	23
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-U-MWR-VSR-XX

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	2	2	1	1	2	3	3	3	4
60°	12	8	11	14	14	11	16	18	16	13	14
57.5°	31	33	38	45	49	52	56	61	64	66	68
55°	57	68	80	85	95	109	122	123	125	128	136
52.5°	91	104	110	120	139	151	157	167	178	188	198
50°	132	143	156	173	191	202	206	224	246	264	275
47.5°	173	188	212	241	257	270	288	312	336	362	382
45°	211	238	269	295	316	338	363	392	430	466	493
42.5°	255	285	316	347	369	407	450	484	539	587	617
40°	306	336	380	418	464	512	586	655	724	805	863
37.5°	367	413	476	536	605	676	809	945	1056	1212	1298
35°	440	512	601	691	801	971	1166	1428	1701	1929	2148
32.5°	525	617	739	901	1086	1359	1651	2134	2606	3077	3539
30°	608	742	929	1151	1455	1888	2437	3185	3994	4703	5345
27.5°	720	909	1151	1484	2001	2635	3650	4688	5719	6639	7300
25°	854	1107	1451	2001	2748	3800	5159	6432	7642	8544	9304
22.5°	1049	1428	1916	2617	3971	5434	7061	8662	10021	11158	11908
20°	1289	1802	2618	3888	5482	7311	9405	11089	12763	14042	15185
17.5°	1629	2446	3598	5212	7116	9556	11712	13590	15715	17023	18189
15°	1935	2985	4628	6686	8917	11503	14046	16346	18398	19835	21138
12.5°	2322	3558	5447	7868	10308	13187	15830	18293	20302	21781	22693
10°	2669	4146	6265	8797	11529	14536	17276	19839	21785	22928	23599
7.5°	2949	4634	6927	9592	12476	15503	18397	20941	22803	23760	24218
5°	3166	4996	7446	10243	13239	16336	19290	21780	23349	24139	24395
2.5°	3329	5248	7796	10672	13754	16952	19967	22422	23760	24330	24415
0°	3439	5425	8023	10942	14196	17173	20334	22826	24099	24557	24601
-2.5°	3413	5361	8013	10844	14145	17272	20393	22852	24214	24829	24929
-5°	3343	5210	7747	10567	13743	16874	19851	22448	24119	25048	25460
-7.5°	3210	4949	7293	10037	13091	16225	19260	21955	23878	25186	25991
-10°	2981	4568	6711	9366	12376	15362	18363	21160	23231	24805	25926
-12.5°	2670	4052	6002	8416	11442	14230	17071	19750	22011	23952	25111
-15°	2348	3514	5266	7474	10108	12854	15479	18108	20340	22155	23600
-17.5°	2119	3043	4413	6345	8658	11264	13824	16240	18253	19959	21476
-20°	1829	2515	3600	5225	7262	9539	11992	14141	15940	17539	18988



REPORT NUMBER: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	1599	2154	2938	4046	5876	7884	9891	11870	13560	14985	16221
-25°	1389	1779	2391	3293	4483	6217	7908	9579	11140	12464	13578
-27.5°	1224	1535	1943	2584	3487	4500	5981	7378	8720	9931	10981
-30°	1075	1307	1627	2028	2642	3394	4285	5329	6400	7355	8310
-32.5°	967	1133	1352	1650	1994	2532	3071	3774	4451	5148	5833
-35°	871	1004	1153	1353	1589	1903	2257	2687	3049	3505	3926
-37.5°	805	898	1013	1138	1307	1482	1723	1983	2208	2462	2676
-40°	750	823	901	986	1101	1220	1375	1522	1664	1819	1935
-42.5°	704	763	819	884	953	1048	1152	1243	1330	1421	1496
-45°	668	712	757	808	860	928	1002	1070	1127	1177	1219
-47.5°	629	668	708	747	792	842	890	934	981	1020	1049
-50°	590	630	666	700	738	777	816	851	884	913	931
-52.5°	553	594	629	660	693	725	757	788	817	843	855
-55°	525	562	598	626	654	681	709	739	766	791	799
-57.5°	494	532	566	592	617	642	668	695	722	745	753
-60°	458	498	528	553	578	605	630	654	679	699	707
-62.5°	416	451	479	503	526	548	575	601	626	647	659
-65°	365	396	422	447	469	491	516	540	563	581	594
-67.5°	321	345	367	388	410	432	456	478	500	515	526
-70°	277	299	320	340	360	379	398	417	435	449	459
-72.5°	234	253	271	289	307	324	340	356	372	384	394
-75°	193	210	225	240	255	269	281	294	306	316	326
-77.5°	152	166	179	192	205	215	225	235	244	253	261
-80°	116	126	136	146	155	163	171	178	185	192	199
-82.5°	84	90	96	103	109	115	121	126	131	136	140
-85°	53	57	60	64	67	71	74	77	81	84	87
-87.5°	25	27	29	30	32	34	35	37	38	40	41
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	4	4	4	4	4	4	4	4	3	3	3
60°	14	13	13	13	13	13	14	14	13	16	18
57.5°	66	62	57	53	57	62	66	68	66	64	61
55°	144	152	155	154	155	152	144	136	128	125	123
52.5°	205	208	207	203	207	208	205	198	188	178	167
50°	279	280	277	273	277	280	279	275	264	246	224
47.5°	392	398	401	401	401	398	392	382	362	336	312
45°	503	509	512	511	512	509	503	493	466	430	392
42.5°	633	643	646	643	646	643	633	617	587	539	484
40°	897	909	903	890	903	909	897	863	805	724	655
37.5°	1359	1403	1422	1422	1422	1403	1359	1298	1212	1056	945
35°	2344	2501	2573	2483	2573	2501	2344	2148	1929	1701	1428
32.5°	3916	4194	4350	4350	4350	4194	3916	3539	3077	2606	2134
30°	5830	6178	6374	6415	6374	6178	5830	5345	4703	3994	3185
27.5°	7816	8175	8363	8335	8363	8175	7816	7300	6639	5719	4688
25°	9808	10080	10238	10242	10238	10080	9808	9304	8544	7642	6432
22.5°	12751	13324	13560	13624	13560	13324	12751	11908	11158	10021	8662
20°	15959	16515	16874	16895	16874	16515	15959	15185	14042	12763	11089
17.5°	19016	19291	19342	19365	19342	19291	19016	18189	17023	15715	13590
15°	21897	21994	22248	22280	22248	21994	21897	21138	19835	18398	16346
12.5°	23266	23354	23310	23192	23310	23354	23266	22693	21781	20302	18293
10°	24011	23886	23701	23478	23701	23886	24011	23599	22928	21785	19839
7.5°	24180	24042	23714	23390	23714	24042	24180	24218	23760	22803	20941
5°	24260	23854	23441	23047	23441	23854	24260	24395	24139	23349	21780
2.5°	24213	23729	23162	22738	23162	23729	24213	24415	24330	23760	22422
0°	24367	23879	23284	23126	23284	23879	24367	24601	24557	24099	22826
-2.5°	24798	24401	24091	24006	24091	24401	24798	24929	24829	24214	22852
-5°	25571	25484	24957	25081	24957	25484	25571	25460	25048	24119	22448
-7.5°	26319	26195	25972	26261	25972	26195	26319	25991	25186	23878	21955
-10°	26518	26477	26582	26838	26582	26477	26518	25926	24805	23231	21160
-12.5°	25908	26228	26586	26855	26586	26228	25908	25111	23952	22011	19750
-15°	24550	25203	25738	25992	25738	25203	24550	23600	22155	20340	18108
-17.5°	22549	23350	23984	24165	23984	23350	22549	21476	19959	18253	16240
-20°	20086	20900	21478	21708	21478	20900	20086	18988	17539	15940	14141

Classified

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

Scaled Data Report



REPORT NUMBER: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-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°	17314	18109	18632	18907	18632	18109	17314	16221	14985	13560	11870
-25°	14500	15199	15663	15786	15663	15199	14500	13578	12464	11140	9579
-27.5°	11810	12372	12714	12752	12714	12372	11810	10981	9931	8720	7378
-30°	9103	9625	9922	10079	9922	9625	9103	8310	7355	6400	5329
-32.5°	6393	6807	7058	7124	7058	6807	6393	5833	5148	4451	3774
-35°	4263	4520	4679	4712	4679	4520	4263	3926	3505	3049	2687
-37.5°	2850	2976	3053	3091	3053	2976	2850	2676	2462	2208	1983
-40°	2019	2078	2111	2118	2111	2078	2019	1935	1819	1664	1522
-42.5°	1544	1574	1590	1594	1590	1574	1544	1496	1421	1330	1243
-45°	1248	1269	1281	1286	1281	1269	1248	1219	1177	1127	1070
-47.5°	1068	1081	1089	1092	1089	1081	1068	1049	1020	981	934
-50°	942	949	952	951	952	949	942	931	913	884	851
-52.5°	863	868	869	867	869	868	863	855	843	817	788
-55°	804	807	808	806	808	807	804	799	791	766	739
-57.5°	759	763	762	757	762	763	759	753	745	722	695
-60°	714	719	720	718	720	719	714	707	699	679	654
-62.5°	670	679	680	678	680	679	670	659	647	626	601
-65°	606	617	616	612	616	617	606	594	581	563	540
-67.5°	535	543	543	542	543	543	535	526	515	500	478
-70°	469	477	477	476	477	477	469	459	449	435	417
-72.5°	403	411	413	414	413	411	403	394	384	372	356
-75°	334	342	341	339	341	342	334	326	316	306	294
-77.5°	269	276	275	273	275	276	269	261	253	244	235
-80°	205	210	209	207	209	210	205	199	192	185	178
-82.5°	145	149	147	145	147	149	145	140	136	131	126
-85°	89	92	92	93	92	92	89	87	84	81	77
-87.5°	43	44	42	40	42	44	43	41	40	38	37
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	2	1	1	2	2	1	1	2	1	0	2
60°	16	11	14	14	11	8	12	10	4	4	3
57.5°	56	52	49	45	38	33	31	29	26	16	6
55°	122	109	95	85	80	68	57	49	45	37	24
52.5°	157	151	139	120	110	104	91	77	66	57	45
50°	206	202	191	173	156	143	132	113	97	82	67
47.5°	288	270	257	241	212	188	173	157	133	114	96
45°	363	338	316	295	269	238	211	190	168	145	127
42.5°	450	407	369	347	316	285	255	228	199	174	154
40°	586	512	464	418	380	336	306	273	239	204	182
37.5°	809	676	605	536	476	413	367	327	285	245	213
35°	1166	971	801	691	601	512	440	387	338	292	248
32.5°	1651	1359	1086	901	739	617	525	455	388	337	291
30°	2437	1888	1455	1151	929	742	608	518	439	377	331
27.5°	3650	2635	2001	1484	1151	909	720	583	488	417	364
25°	5159	3800	2748	2001	1451	1107	854	674	546	455	402
22.5°	7061	5434	3971	2617	1916	1428	1049	767	609	519	449
20°	9405	7311	5482	3888	2618	1802	1289	928	721	596	500
17.5°	11712	9556	7116	5212	3598	2446	1629	1133	830	673	554
15°	14046	11503	8917	6686	4628	2985	1935	1331	954	759	616
12.5°	15830	13187	10308	7868	5447	3558	2322	1584	1111	831	661
10°	17276	14536	11529	8797	6265	4146	2669	1773	1223	888	699
7.5°	18397	15503	12476	9592	6927	4634	2949	1921	1311	940	730
5°	19290	16336	13239	10243	7446	4996	3166	2035	1376	983	754
2.5°	19967	16952	13754	10672	7796	5248	3329	2131	1429	1024	776
0°	20334	17173	14196	10942	8023	5425	3439	2206	1466	1057	793
-2.5°	20393	17272	14145	10844	8013	5361	3413	2191	1471	1067	805
-5°	19851	16874	13743	10567	7747	5210	3343	2146	1460	1066	809
-7.5°	19260	16225	13091	10037	7293	4949	3210	2073	1436	1055	806
-10°	18363	15362	12376	9366	6711	4568	2981	1962	1388	1030	796
-12.5°	17071	14230	11442	8416	6002	4052	2670	1820	1317	990	779
-15°	15479	12854	10108	7474	5266	3514	2348	1645	1222	938	754
-17.5°	13824	11264	8658	6345	4413	3043	2119	1519	1140	889	724
-20°	11992	9539	7262	5225	3600	2515	1829	1366	1060	849	701

Classified

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

Scaled Data Report



REPORT NUMBER: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-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°	9891	7884	5876	4046	2938	2154	1599	1217	970	797	673
-25°	7908	6217	4483	3293	2391	1779	1389	1109	904	751	643
-27.5°	5981	4500	3487	2584	1943	1535	1224	996	831	713	619
-30°	4285	3394	2642	2028	1627	1307	1075	909	777	674	591
-32.5°	3071	2532	1994	1650	1352	1133	967	829	726	641	570
-35°	2257	1903	1589	1353	1153	1004	871	771	683	607	549
-37.5°	1723	1482	1307	1138	1013	898	805	721	641	581	527
-40°	1375	1220	1101	986	901	823	750	676	614	554	505
-42.5°	1152	1048	953	884	819	763	704	645	587	532	482
-45°	1002	928	860	808	757	712	668	614	561	509	460
-47.5°	890	842	792	747	708	668	629	583	531	482	439
-50°	816	777	738	700	666	630	590	545	500	459	417
-52.5°	757	725	693	660	629	594	553	514	474	433	391
-55°	709	681	654	626	598	562	525	486	445	405	363
-57.5°	668	642	617	592	566	532	494	455	415	376	335
-60°	630	605	578	553	528	498	458	421	385	348	310
-62.5°	575	548	526	503	479	451	416	381	349	317	282
-65°	516	491	469	447	422	396	365	337	310	282	250
-67.5°	456	432	410	388	367	345	321	296	270	242	213
-70°	398	379	360	340	320	299	277	252	227	203	179
-72.5°	340	324	307	289	271	253	234	212	191	170	149
-75°	281	269	255	240	225	210	193	175	157	140	124
-77.5°	225	215	205	192	179	166	152	138	125	111	98
-80°	171	163	155	146	136	126	116	105	94	83	73
-82.5°	121	115	109	103	96	90	84	75	67	59	52
-85°	74	71	67	64	60	57	53	48	43	38	33
-87.5°	35	34	32	30	29	27	25	23	20	18	16
-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: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-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	1	1	1	0	1	1	0	0
65°	1	1	0	1	2	3	2	1	1	1	0
62.5°	3	3	2	2	2	3	4	3	2	2	1
60°	3	4	4	3	3	4	4	4	3	3	2
57.5°	5	5	5	5	4	4	4	4	4	4	3
55°	12	8	7	6	5	4	5	4	4	4	4
52.5°	30	17	10	8	7	5	5	4	4	4	4
50°	51	34	19	12	9	7	6	5	4	4	5
47.5°	75	55	36	19	13	9	7	6	4	4	5
45°	104	79	54	34	19	14	9	7	5	5	5
42.5°	135	106	77	48	32	21	11	9	7	5	6
40°	162	137	102	71	46	30	18	11	8	6	6
37.5°	189	164	131	93	61	42	27	12	10	7	6
35°	218	190	159	118	82	54	37	16	12	9	6
32.5°	245	215	182	143	102	65	47	26	16	10	7
30°	281	238	203	166	122	82	57	35	19	12	7
27.5°	316	259	223	185	142	99	67	44	23	15	9
25°	350	288	242	203	161	117	78	51	30	18	10
22.5°	384	318	259	219	179	134	92	60	36	21	12
20°	421	347	277	239	196	150	107	70	42	25	13
17.5°	461	377	307	258	212	164	120	79	47	29	14
15°	501	409	334	278	227	177	132	89	52	33	16
12.5°	536	438	359	297	243	189	143	98	56	36	19
10°	566	463	381	316	257	199	153	107	63	40	23
7.5°	592	485	399	333	270	211	162	114	71	42	26
5°	614	503	413	346	282	224	169	120	78	45	29
2.5°	631	517	424	357	292	236	175	124	86	47	32
0°	643	528	431	365	299	247	180	128	92	48	35
-2.5°	649	536	444	372	310	252	187	134	97	55	36
-5°	650	541	453	377	318	256	192	140	100	61	37
-7.5°	651	543	459	382	325	259	196	145	103	66	38
-10°	648	542	460	387	327	261	199	149	106	70	39
-12.5°	639	539	460	389	327	264	204	152	108	73	39
-15°	625	533	458	389	327	265	206	153	109	74	40
-17.5°	607	525	454	385	326	266	208	153	109	73	41
-20°	594	516	449	379	324	265	207	151	109	73	43

Classified

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

Scaled Data Report



REPORT NUMBER: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-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°	580	507	440	373	321	263	205	148	107	71	44
-25°	561	496	430	370	317	260	201	142	105	70	45
-27.5°	544	483	420	364	310	254	194	139	102	68	44
-30°	529	470	411	356	302	247	185	135	99	67	44
-32.5°	512	456	400	346	293	239	175	129	96	66	43
-35°	494	441	387	333	283	228	168	123	93	65	42
-37.5°	475	424	371	320	273	217	164	121	90	62	40
-40°	456	406	355	309	261	206	159	119	86	58	39
-42.5°	435	388	341	297	249	198	152	115	82	55	37
-45°	416	370	326	282	237	189	146	110	77	53	36
-47.5°	396	351	307	264	224	178	138	103	71	50	35
-50°	373	329	285	246	208	166	128	95	68	48	33
-52.5°	347	301	264	229	191	152	118	86	65	46	31
-55°	318	279	246	211	174	138	106	81	60	43	29
-57.5°	297	261	227	192	157	124	97	76	57	41	28
-60°	275	240	207	172	139	112	90	69	53	38	27
-62.5°	248	216	182	150	123	100	81	64	48	35	25
-65°	218	186	156	131	108	89	73	57	43	32	23
-67.5°	184	158	133	111	94	79	65	51	39	28	21
-70°	156	132	112	95	81	68	56	44	33	25	18
-72.5°	130	112	95	80	69	57	46	36	28	21	16
-75°	108	92	78	66	56	46	38	30	23	17	14
-77.5°	85	73	62	53	45	37	30	23	19	15	12
-80°	64	56	48	41	34	28	23	19	16	13	11
-82.5°	45	40	35	30	26	22	18	15	13	11	9
-85°	29	26	23	20	18	15	13	11	9	7	6
-87.5°	14	13	11	10	9	8	7	6	5	4	3
-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: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-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	1	0	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	0	1	1	1	0	0	0
65°	1	2	2	1	0	0	0
62.5°	1	2	2	1	0	0	0
60°	1	2	3	2	0	0	0
57.5°	2	2	3	2	0	0	0
55°	3	2	3	3	1	0	0
52.5°	3	2	3	3	1	0	0
50°	4	3	3	4	1	0	0
47.5°	4	3	3	4	2	0	0
45°	5	4	3	4	2	0	0
42.5°	5	4	4	4	2	0	0
40°	6	4	4	4	2	0	0
37.5°	6	4	4	4	3	0	0
35°	7	5	4	4	3	0	0
32.5°	7	5	4	4	3	0	0
30°	8	6	4	4	3	0	0
27.5°	8	6	4	4	3	0	0
25°	8	7	4	4	4	0	0
22.5°	8	7	4	4	4	0	0
20°	9	7	4	4	4	0	0
17.5°	9	8	4	4	4	0	0
15°	10	8	4	4	4	0	0
12.5°	10	8	4	4	4	0	0
10°	11	8	4	4	4	0	0
7.5°	11	9	4	4	4	0	0
5°	12	9	4	4	4	0	0
2.5°	13	9	4	4	4	0	0
0°	13	9	4	4	4	0	0
-2.5°	16	9	5	4	4	0	0
-5°	18	10	5	4	4	0	0
-7.5°	20	10	6	4	4	0	0
-10°	22	10	6	4	4	0	0
-12.5°	23	11	6	4	4	0	0
-15°	24	11	6	4	4	1	0
-17.5°	25	11	7	4	4	1	0
-20°	25	11	7	4	4	1	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627376 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)