

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: P626936 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-750-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626936 (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-SA2C-750-U-MWR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (32) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11249.1 lumens  
Efficiency: N/A  
Efficacy: 136.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 15759.8 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 7534.6 lumens  
Beam Efficiency: 67.0%

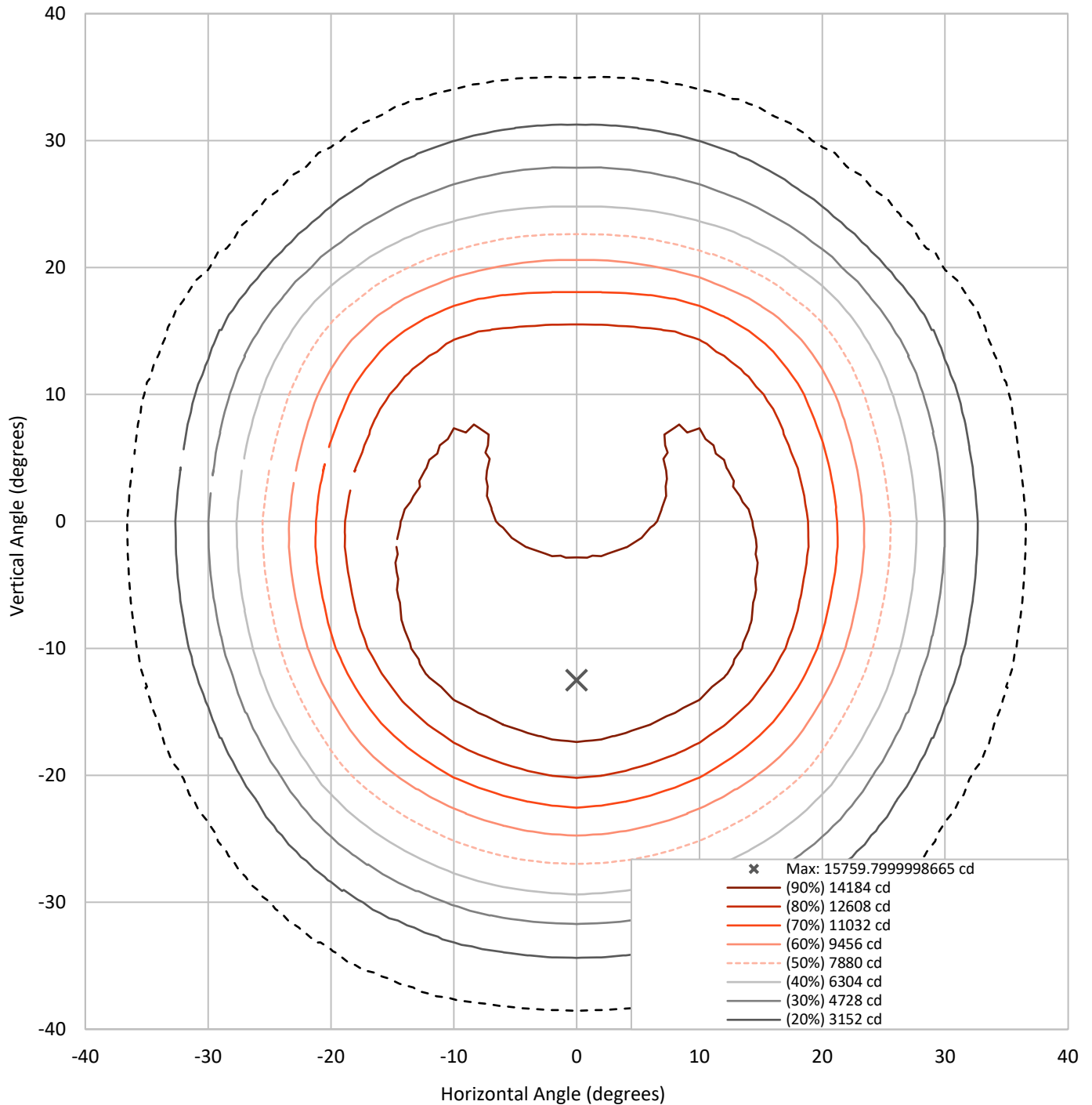
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 10139.3 lumens  
Field Efficiency: 90.1%

Input Watts (W): 82.6  
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-SA2C-750-U-MWR-VSR-XX

### Iso-Candela Plot





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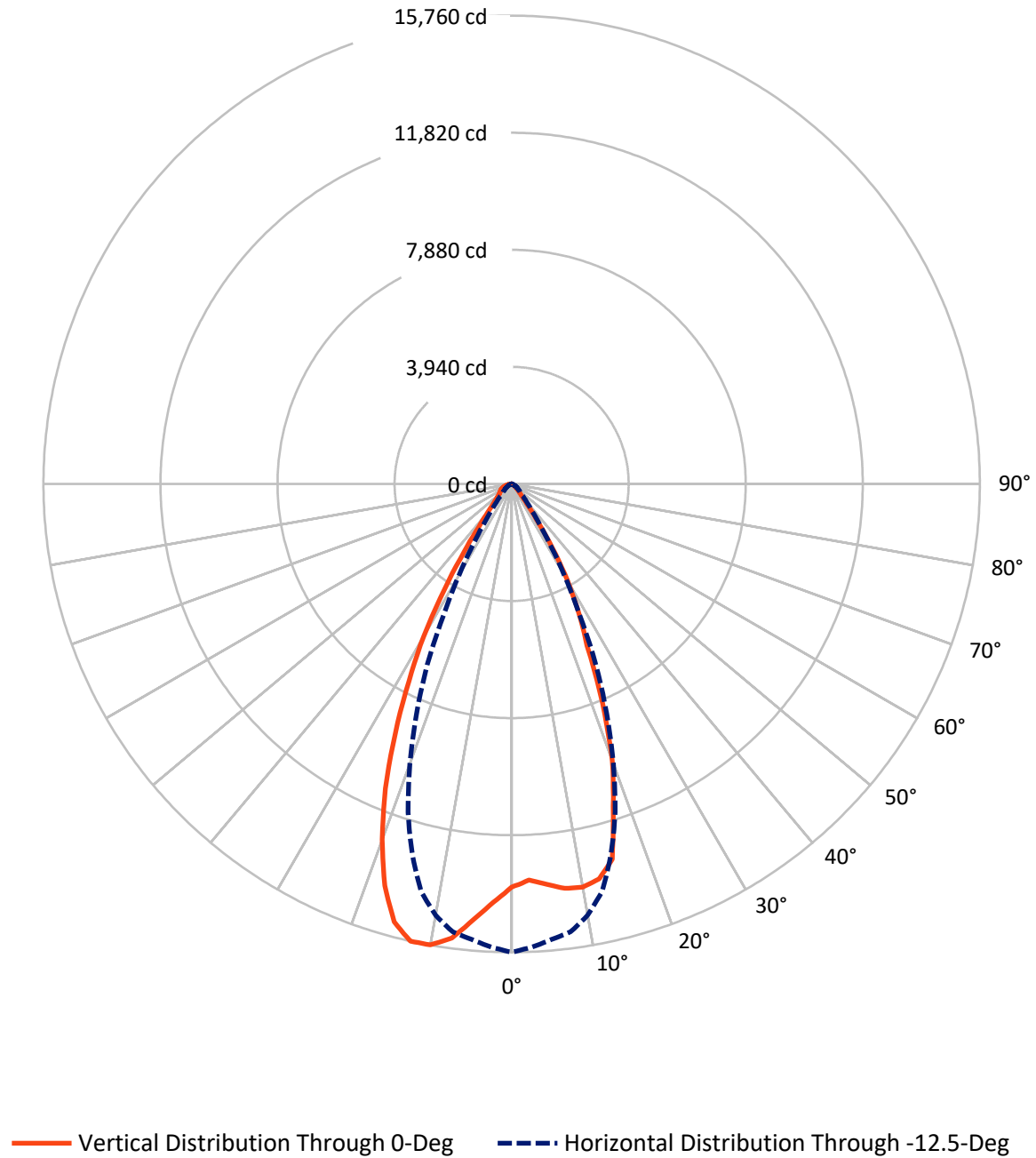
CATALOG NUMBER: GFLD-SA2C-750-U-MWR-VSR-XX

### 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	0.4	0.9	1.5	2.1	2.5	2.5	2.1	1.5	0.9	0.4	0.1		0.0			
40	0.1	0.1	0.4	1.6	3.2	5.2	7.7	9.5	9.5	7.7	5.2	3.2	1.6	0.4	0.1	0.1			
30		0.2	1.3	3.3	6.8	14.6	33.2	50.7	50.7	33.2	14.6	6.8	3.3	1.3	0.2				
20	0.1	0.5	2.1	5.3	14.1	52.3	134.7	188.2	188.2	134.7	52.3	14.1	5.3	2.1	0.5	0.1			
10		0.7	2.9	8.1	33.6	145.2	302.9	375.1	375.1	302.9	145.2	33.6	8.1	2.9	0.7				
0	0.2	1.0	3.6	10.5	53.5	213.8	390.6	423.5	423.5	390.6	213.8	53.5	10.5	3.6	1.0	0.2			
-10		1.2	4.0	11.2	56.0	220.9	404.7	449.4	449.4	404.7	220.9	56.0	11.2	4.0	1.2				
-20	0.3	1.2	4.1	10.2	40.0	164.4	341.4	435.9	435.9	341.4	164.4	40.0	10.2	4.1	1.2	0.3			
-30		1.2	3.9	8.5	22.4	79.8	190.2	267.7	267.7	190.2	79.8	22.4	8.5	3.9	1.2				
-40	0.3	1.0	3.5	7.0	13.4	28.4	59.4	88.2	88.2	59.4	28.4	13.4	7.0	3.5	1.0	0.3			
-50		0.9	2.9	5.9	9.8	14.4	20.3	24.0	24.0	20.3	14.4	9.8	5.9	2.9	0.9				
-60	0.2	0.7	2.2	4.6	7.7	10.6	13.3	14.5	14.5	13.3	10.6	7.7	4.6	2.2	0.7	0.2			
-70		0.5	1.4	3.1	5.4	7.6	9.6	10.8	10.8	9.6	7.6	5.4	3.1	1.4	0.5				
-80	0.1	1.2	5.7	12.1	15.5	12.1	5.7	1.2	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

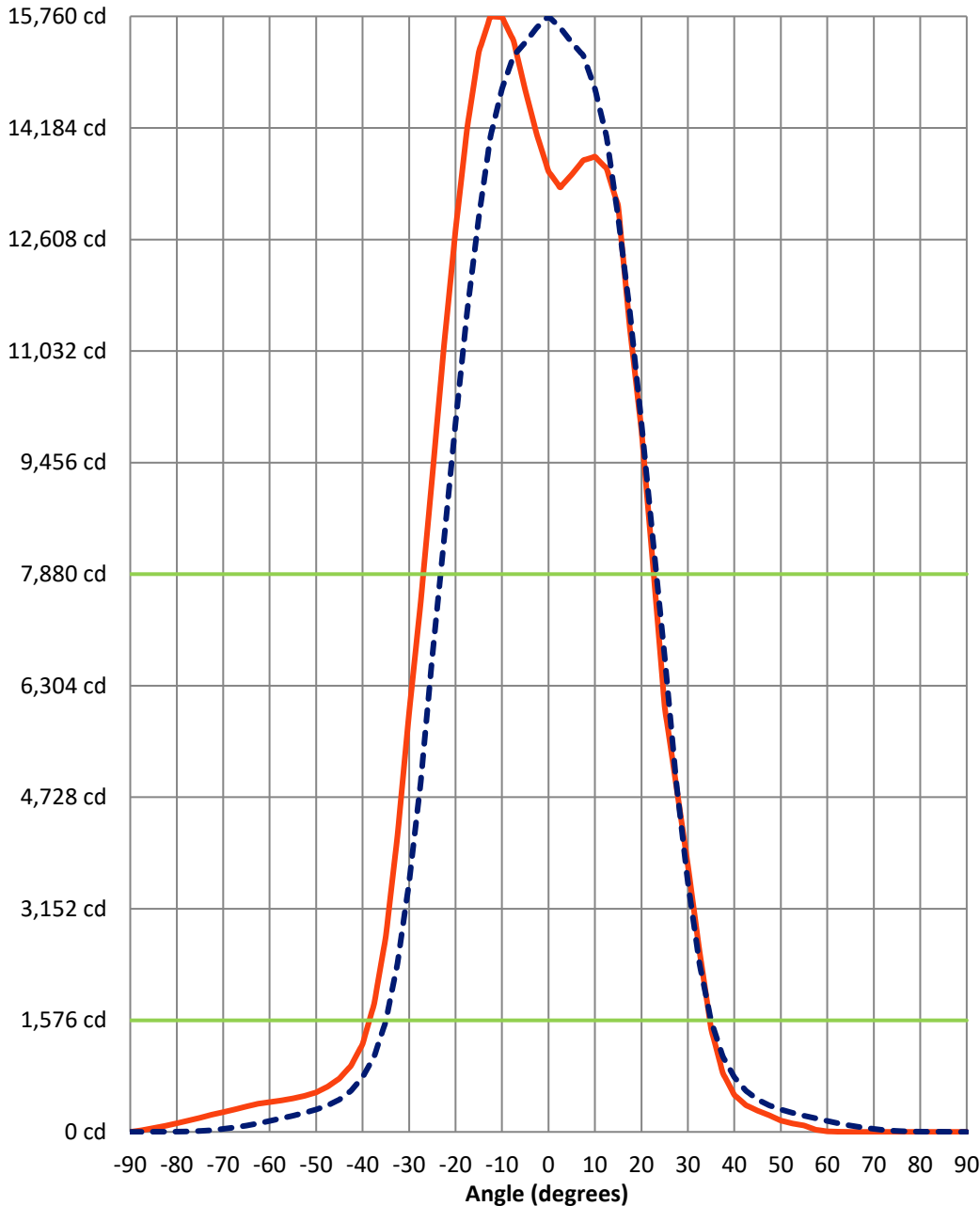
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 7534.6  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 10139.3  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 1109.8  
 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	1	1	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	0	0
65°	0	0	0	1	1	1	0	0	1	1	1
62.5°	0	0	0	1	1	1	0	0	1	1	2
60°	0	0	0	1	2	1	1	1	2	2	2
57.5°	0	0	0	1	2	1	1	2	2	2	3
55°	0	0	0	2	2	1	1	3	2	3	3
52.5°	0	0	1	2	2	1	2	3	3	3	3
50°	0	0	1	2	2	2	2	3	3	3	3
47.5°	0	0	1	2	2	2	3	3	3	3	4
45°	0	0	1	3	2	2	3	3	3	3	4
42.5°	0	0	1	3	2	2	3	3	3	4	5
40°	0	0	1	3	2	2	3	4	3	5	6
37.5°	0	0	2	3	2	3	4	4	4	6	7
35°	0	0	2	3	2	3	4	4	5	7	10
32.5°	0	0	2	3	3	3	4	4	6	9	15
30°	0	0	2	3	3	3	5	4	7	11	21
27.5°	0	0	2	3	3	4	5	5	9	14	26
25°	0	0	2	3	3	4	5	6	10	17	30
22.5°	0	0	2	3	3	4	5	7	12	21	35
20°	0	0	2	3	3	4	5	8	15	25	41
17.5°	0	0	2	3	3	5	5	8	17	28	46
15°	0	0	2	3	3	5	6	10	19	31	52
12.5°	0	0	2	3	3	5	6	11	21	33	58
10°	0	0	3	3	3	5	6	13	23	37	63
7.5°	0	0	3	3	3	5	7	15	25	42	67
5°	0	0	3	3	3	5	7	17	26	46	70
2.5°	0	0	3	3	3	5	7	19	27	50	73
0°	0	0	3	3	3	5	8	21	28	54	75
-2.5°	0	0	3	3	3	5	9	21	32	57	79
-5°	0	0	3	3	3	6	10	22	35	59	82
-7.5°	0	0	3	3	3	6	12	22	39	61	85
-10°	0	0	3	3	3	6	13	23	41	62	88
-12.5°	0	0	3	3	4	6	14	23	43	63	89
-15°	0	0	2	3	4	6	14	23	43	64	90
-17.5°	0	0	2	3	4	7	15	24	43	64	90
-20°	0	0	2	3	4	7	15	25	43	64	89

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CATALOG NUMBER: GFLD-SA2C-750-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	3	4	7	15	26	42	63	87
-25°	0	0	2	3	4	7	15	26	41	62	83
-27.5°	0	1	2	3	4	8	15	26	40	60	81
-30°	0	1	2	3	4	8	14	26	40	58	79
-32.5°	0	1	2	3	4	8	14	25	39	57	76
-35°	0	1	2	3	4	8	14	25	38	55	72
-37.5°	0	1	2	3	4	9	14	24	36	53	71
-40°	0	1	2	3	4	9	14	23	34	51	70
-42.5°	0	1	2	3	4	9	14	22	32	48	68
-45°	0	1	2	3	5	9	14	21	31	45	64
-47.5°	0	1	2	3	5	8	13	20	29	42	60
-50°	0	1	2	3	5	8	13	19	28	40	56
-52.5°	0	1	2	3	5	8	13	18	27	38	51
-55°	0	1	2	3	5	8	12	17	25	35	48
-57.5°	0	1	2	3	5	7	11	17	24	33	44
-60°	0	1	2	3	5	7	11	16	22	31	41
-62.5°	0	1	2	3	4	7	10	15	21	28	37
-65°	0	0	2	3	4	6	9	13	19	26	34
-67.5°	0	0	2	3	4	6	8	12	17	23	30
-70°	0	0	2	3	4	6	7	11	15	20	26
-72.5°	0	0	1	3	4	5	7	9	13	17	21
-75°	0	0	1	2	4	5	6	8	10	14	18
-77.5°	0	0	1	2	3	5	6	7	9	11	14
-80°	0	0	1	2	3	4	5	6	8	9	11
-82.5°	0	0	1	1	2	3	4	5	7	8	9
-85°	0	0	0	1	1	2	3	4	4	5	7
-87.5°	0	0	0	0	1	1	1	2	2	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA2C-750-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°	1	2	1	1	0	1	1	1	0	0	0
62.5°	2	2	1	1	1	2	2	1	0	1	1
60°	3	2	2	2	3	2	2	2	2	3	6
57.5°	3	2	2	3	3	3	3	4	9	15	17
55°	3	3	3	4	4	5	7	14	22	27	29
52.5°	3	3	4	5	6	10	18	26	33	39	45
50°	3	4	5	7	11	20	30	39	48	57	66
47.5°	4	5	8	11	21	32	44	56	67	78	92
45°	5	8	11	20	32	46	61	74	85	99	111
42.5°	7	13	19	28	45	62	79	90	102	117	134
40°	11	18	27	42	60	80	95	107	120	140	160
37.5°	16	25	36	55	77	97	111	125	144	168	192
35°	22	32	48	69	93	112	128	146	171	198	227
32.5°	27	38	60	84	106	126	144	171	198	228	267
30°	33	48	71	97	119	139	165	194	221	258	304
27.5°	39	58	83	109	131	152	185	214	245	286	342
25°	46	69	94	119	142	169	205	236	267	320	395
22.5°	54	78	105	129	152	186	226	263	305	358	450
20°	63	88	115	140	163	203	247	294	350	423	544
17.5°	70	96	124	152	180	222	270	325	395	487	665
15°	78	104	133	163	196	240	294	361	446	560	781
12.5°	84	111	142	174	211	257	314	388	487	652	930
10°	90	117	151	185	223	272	332	410	521	718	1041
7.5°	95	123	159	195	234	285	348	428	551	770	1127
5°	99	131	166	203	243	295	360	442	577	808	1194
2.5°	103	138	171	209	249	304	370	455	601	839	1251
0°	106	145	176	214	253	310	377	465	620	860	1295
-2.5°	110	148	182	218	260	315	381	472	626	864	1286
-5°	113	150	187	221	266	317	382	475	625	857	1259
-7.5°	115	152	191	224	269	319	382	473	619	842	1216
-10°	117	153	192	227	270	318	380	467	604	815	1151
-12.5°	119	155	192	228	270	316	375	457	581	773	1068
-15°	121	156	192	228	269	313	367	442	550	717	965
-17.5°	122	156	191	226	266	308	356	425	522	669	891
-20°	122	155	190	222	263	303	349	411	498	622	801

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CATALOG NUMBER: GFLD-SA2C-750-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°	121	154	188	219	258	297	340	395	468	569	714
-25°	118	152	186	217	252	291	329	377	441	531	651
-27.5°	114	149	182	214	246	283	319	363	418	488	584
-30°	108	145	177	209	241	276	310	347	396	456	534
-32.5°	103	140	172	203	235	268	300	334	376	426	487
-35°	99	134	166	195	227	259	290	322	356	401	453
-37.5°	96	127	160	188	218	249	279	309	341	376	423
-40°	93	121	153	181	208	238	267	296	325	360	397
-42.5°	89	116	146	174	200	228	255	283	312	345	379
-45°	86	111	139	165	191	217	244	270	298	329	360
-47.5°	81	105	131	155	180	206	232	258	283	312	342
-50°	75	97	122	145	167	193	219	245	270	294	320
-52.5°	69	89	112	135	155	177	203	230	254	278	302
-55°	62	81	102	124	145	164	187	213	238	261	285
-57.5°	57	73	92	113	133	153	174	196	221	243	267
-60°	53	65	82	101	121	141	161	182	204	226	247
-62.5°	48	59	72	88	107	127	146	165	186	205	224
-65°	43	52	63	77	92	109	128	147	165	182	198
-67.5°	38	46	55	65	78	93	108	125	142	158	174
-70°	33	40	48	56	66	78	91	105	119	133	148
-72.5°	27	34	40	47	56	66	76	87	100	112	125
-75°	22	27	33	39	46	54	63	73	82	92	103
-77.5°	18	22	26	31	36	43	50	57	65	73	81
-80°	14	16	20	24	28	33	38	43	49	55	62
-82.5°	11	13	15	18	20	23	27	30	35	39	44
-85°	8	9	10	12	13	15	17	19	22	25	28
-87.5°	4	5	5	6	7	7	8	9	10	12	13
-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	1	1	1	2	2	2	2
60°	7	5	7	8	8	6	9	10	10	8	8
57.5°	18	20	22	26	29	31	33	36	38	39	40
55°	33	40	47	50	56	64	72	72	73	75	80
52.5°	53	61	64	71	82	88	92	98	104	111	116
50°	77	84	92	101	112	119	121	132	144	155	161
47.5°	101	110	124	142	151	158	169	183	197	212	224
45°	124	140	158	173	185	198	213	230	252	273	289
42.5°	150	167	185	204	217	239	264	284	316	345	362
40°	179	197	223	245	272	300	344	384	425	472	506
37.5°	215	242	279	315	355	397	475	554	620	711	762
35°	258	300	352	406	470	570	684	838	998	1132	1260
32.5°	308	362	434	529	637	798	969	1253	1529	1805	2077
30°	357	435	545	676	854	1108	1430	1869	2344	2760	3137
27.5°	422	533	676	871	1174	1546	2142	2751	3356	3896	4284
25°	501	650	852	1175	1613	2230	3028	3774	4484	5014	5460
22.5°	615	838	1124	1536	2331	3189	4144	5083	5881	6548	6988
20°	756	1057	1537	2282	3217	4290	5519	6507	7490	8241	8911
17.5°	956	1435	2112	3058	4176	5608	6873	7975	9222	9990	10674
15°	1136	1752	2716	3924	5233	6751	8243	9592	10796	11640	12405
12.5°	1363	2088	3196	4617	6049	7739	9290	10735	11914	12782	13317
10°	1566	2433	3676	5162	6765	8530	10138	11642	12784	13455	13849
7.5°	1731	2719	4065	5629	7321	9098	10796	12289	13382	13943	14212
5°	1858	2932	4370	6011	7769	9587	11320	12781	13702	14166	14316
2.5°	1953	3079	4575	6263	8072	9948	11718	13158	13943	14278	14328
0°	2018	3183	4708	6421	8331	10078	11933	13395	14142	14411	14437
-2.5°	2003	3146	4702	6364	8301	10136	11967	13411	14210	14571	14630
-5°	1962	3057	4546	6201	8065	9902	11649	13173	14154	14699	14941
-7.5°	1884	2904	4280	5890	7682	9522	11303	12884	14013	14780	15253
-10°	1749	2681	3938	5496	7263	9015	10776	12417	13633	14556	15215
-12.5°	1567	2378	3522	4939	6714	8351	10018	11590	12917	14056	14736
-15°	1378	2062	3090	4386	5932	7543	9084	10627	11936	13001	13850
-17.5°	1244	1786	2590	3724	5081	6610	8113	9530	10712	11713	12603
-20°	1074	1476	2113	3066	4261	5598	7037	8299	9354	10293	11143

Classified

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

Scaled Data Report



REPORT NUMBER: P626936 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-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°	938	1264	1724	2374	3448	4627	5804	6966	7958	8794	9519
-25°	815	1044	1403	1932	2631	3648	4641	5621	6537	7314	7968
-27.5°	719	901	1140	1517	2047	2641	3510	4330	5117	5828	6444
-30°	631	767	955	1190	1550	1992	2515	3128	3756	4316	4876
-32.5°	568	665	794	968	1170	1486	1802	2215	2612	3021	3423
-35°	511	589	677	794	932	1117	1325	1577	1789	2057	2304
-37.5°	472	527	594	668	767	870	1011	1164	1296	1445	1570
-40°	440	483	529	578	646	716	807	893	977	1067	1135
-42.5°	413	448	480	519	559	615	676	730	780	834	878
-45°	392	418	444	474	504	545	588	628	661	691	715
-47.5°	369	392	415	438	465	494	522	548	576	599	615
-50°	346	369	391	411	433	456	479	499	519	536	546
-52.5°	325	348	369	387	407	426	444	463	480	495	502
-55°	308	330	351	367	384	400	416	434	450	464	469
-57.5°	290	312	332	348	362	377	392	408	423	437	442
-60°	269	292	310	324	339	355	370	384	398	410	415
-62.5°	244	265	281	295	309	322	337	353	368	380	387
-65°	214	232	248	262	275	288	303	317	330	341	348
-67.5°	188	202	215	228	241	254	267	281	293	302	309
-70°	162	176	188	200	211	222	233	244	255	263	269
-72.5°	137	149	159	170	180	190	200	209	218	225	231
-75°	113	123	132	141	150	158	165	173	180	186	191
-77.5°	89	97	105	113	120	126	132	138	143	148	153
-80°	68	74	80	85	91	96	100	105	109	113	117
-82.5°	49	53	57	60	64	68	71	74	77	80	82
-85°	31	33	35	37	40	42	44	45	47	49	51
-87.5°	15	16	17	18	19	20	21	22	23	23	24
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626936 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-750-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	3	3	3	2	2	2	2	2	2
60°	8	8	8	8	8	8	8	8	8	10	10
57.5°	39	36	34	31	34	36	39	40	39	38	36
55°	84	89	91	90	91	89	84	80	75	73	72
52.5°	120	122	122	119	122	122	120	116	111	104	98
50°	164	164	163	160	163	164	164	161	155	144	132
47.5°	230	234	235	235	235	234	230	224	212	197	183
45°	295	299	300	300	300	299	295	289	273	252	230
42.5°	372	377	379	377	379	377	372	362	345	316	284
40°	527	533	530	522	530	533	527	506	472	425	384
37.5°	798	823	834	835	834	823	798	762	711	620	554
35°	1376	1468	1510	1457	1510	1468	1376	1260	1132	998	838
32.5°	2298	2461	2553	2553	2553	2461	2298	2077	1805	1529	1253
30°	3421	3626	3741	3765	3741	3626	3421	3137	2760	2344	1869
27.5°	4587	4798	4908	4892	4908	4798	4587	4284	3896	3356	2751
25°	5756	5916	6008	6010	6008	5916	5756	5460	5014	4484	3774
22.5°	7483	7819	7958	7995	7958	7819	7483	6988	6548	5881	5083
20°	9365	9692	9902	9915	9902	9692	9365	8911	8241	7490	6507
17.5°	11159	11321	11351	11364	11351	11321	11159	10674	9990	9222	7975
15°	12850	12907	13056	13075	13056	12907	12850	12405	11640	10796	9592
12.5°	13653	13705	13679	13610	13679	13705	13653	13317	12782	11914	10735
10°	14091	14018	13909	13778	13909	14018	14091	13849	13455	12784	11642
7.5°	14190	14109	13917	13726	13917	14109	14190	14212	13943	13382	12289
5°	14237	13998	13756	13525	13756	13998	14237	14316	14166	13702	12781
2.5°	14209	13925	13592	13344	13592	13925	14209	14328	14278	13943	13158
0°	14300	14013	13664	13571	13664	14013	14300	14437	14411	14142	13395
-2.5°	14552	14320	14138	14088	14138	14320	14552	14630	14571	14210	13411
-5°	15006	14955	14646	14718	14646	14955	15006	14941	14699	14154	13173
-7.5°	15445	15372	15241	15411	15241	15372	15445	15253	14780	14013	12884
-10°	15562	15538	15599	15749	15599	15538	15562	15215	14556	13633	12417
-12.5°	15204	15392	15602	15760	15602	15392	15204	14736	14056	12917	11590
-15°	14407	14790	15104	15253	15104	14790	14407	13850	13001	11936	10627
-17.5°	13233	13703	14075	14181	14075	13703	13233	12603	11713	10712	9530
-20°	11787	12265	12604	12739	12604	12265	11787	11143	10293	9354	8299

Classified

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

Scaled Data Report



REPORT NUMBER: P626936 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-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°	10160	10627	10934	11096	10934	10627	10160	9519	8794	7958	6966
-25°	8509	8920	9192	9264	9192	8920	8509	7968	7314	6537	5621
-27.5°	6931	7260	7461	7483	7461	7260	6931	6444	5828	5117	4330
-30°	5342	5648	5822	5915	5822	5648	5342	4876	4316	3756	3128
-32.5°	3752	3995	4142	4181	4142	3995	3752	3423	3021	2612	2215
-35°	2501	2653	2746	2765	2746	2653	2501	2304	2057	1789	1577
-37.5°	1673	1746	1792	1814	1792	1746	1673	1570	1445	1296	1164
-40°	1185	1220	1239	1243	1239	1220	1185	1135	1067	977	893
-42.5°	906	924	933	935	933	924	906	878	834	780	730
-45°	732	745	752	755	752	745	732	715	691	661	628
-47.5°	626	634	639	641	639	634	626	615	599	576	548
-50°	553	557	559	558	559	557	553	546	536	519	499
-52.5°	506	509	510	509	510	509	506	502	495	480	463
-55°	472	474	474	473	474	474	472	469	464	450	434
-57.5°	445	448	447	444	447	448	445	442	437	423	408
-60°	419	422	422	421	422	422	419	415	410	398	384
-62.5°	393	398	399	398	399	398	393	387	380	368	353
-65°	355	362	362	359	362	362	355	348	341	330	317
-67.5°	314	319	319	318	319	319	314	309	302	293	281
-70°	275	280	280	279	280	280	275	269	263	255	244
-72.5°	237	241	243	243	243	241	237	231	225	218	209
-75°	196	200	200	199	200	200	196	191	186	180	173
-77.5°	158	162	161	160	161	162	158	153	148	143	138
-80°	120	123	123	121	123	123	120	117	113	109	105
-82.5°	85	87	87	85	87	87	85	82	80	77	74
-85°	53	54	54	54	54	54	53	51	49	47	45
-87.5°	25	26	25	23	25	26	25	24	23	23	22
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626936 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-750-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	1	1	1	1	1	1	1	1	0	1
60°	9	6	8	8	7	5	7	6	3	2	2
57.5°	33	31	29	26	22	20	18	17	15	9	4
55°	72	64	56	50	47	40	33	29	27	22	14
52.5°	92	88	82	71	64	61	53	45	39	33	26
50°	121	119	112	101	92	84	77	66	57	48	39
47.5°	169	158	151	142	124	110	101	92	78	67	56
45°	213	198	185	173	158	140	124	111	99	85	74
42.5°	264	239	217	204	185	167	150	134	117	102	90
40°	344	300	272	245	223	197	179	160	140	120	107
37.5°	475	397	355	315	279	242	215	192	168	144	125
35°	684	570	470	406	352	300	258	227	198	171	146
32.5°	969	798	637	529	434	362	308	267	228	198	171
30°	1430	1108	854	676	545	435	357	304	258	221	194
27.5°	2142	1546	1174	871	676	533	422	342	286	245	214
25°	3028	2230	1613	1175	852	650	501	395	320	267	236
22.5°	4144	3189	2331	1536	1124	838	615	450	358	305	263
20°	5519	4290	3217	2282	1537	1057	756	544	423	350	294
17.5°	6873	5608	4176	3058	2112	1435	956	665	487	395	325
15°	8243	6751	5233	3924	2716	1752	1136	781	560	446	361
12.5°	9290	7739	6049	4617	3196	2088	1363	930	652	487	388
10°	10138	8530	6765	5162	3676	2433	1566	1041	718	521	410
7.5°	10796	9098	7321	5629	4065	2719	1731	1127	770	551	428
5°	11320	9587	7769	6011	4370	2932	1858	1194	808	577	442
2.5°	11718	9948	8072	6263	4575	3079	1953	1251	839	601	455
0°	11933	10078	8331	6421	4708	3183	2018	1295	860	620	465
-2.5°	11967	10136	8301	6364	4702	3146	2003	1286	864	626	472
-5°	11649	9902	8065	6201	4546	3057	1962	1259	857	625	475
-7.5°	11303	9522	7682	5890	4280	2904	1884	1216	842	619	473
-10°	10776	9015	7263	5496	3938	2681	1749	1151	815	604	467
-12.5°	10018	8351	6714	4939	3522	2378	1567	1068	773	581	457
-15°	9084	7543	5932	4386	3090	2062	1378	965	717	550	442
-17.5°	8113	6610	5081	3724	2590	1786	1244	891	669	522	425
-20°	7037	5598	4261	3066	2113	1476	1074	801	622	498	411

Classified

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

Scaled Data Report



REPORT NUMBER: P626936 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-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°	5804	4627	3448	2374	1724	1264	938	714	569	468	395
-25°	4641	3648	2631	1932	1403	1044	815	651	531	441	377
-27.5°	3510	2641	2047	1517	1140	901	719	584	488	418	363
-30°	2515	1992	1550	1190	955	767	631	534	456	396	347
-32.5°	1802	1486	1170	968	794	665	568	487	426	376	334
-35°	1325	1117	932	794	677	589	511	453	401	356	322
-37.5°	1011	870	767	668	594	527	472	423	376	341	309
-40°	807	716	646	578	529	483	440	397	360	325	296
-42.5°	676	615	559	519	480	448	413	379	345	312	283
-45°	588	545	504	474	444	418	392	360	329	298	270
-47.5°	522	494	465	438	415	392	369	342	312	283	258
-50°	479	456	433	411	391	369	346	320	294	270	245
-52.5°	444	426	407	387	369	348	325	302	278	254	230
-55°	416	400	384	367	351	330	308	285	261	238	213
-57.5°	392	377	362	348	332	312	290	267	243	221	196
-60°	370	355	339	324	310	292	269	247	226	204	182
-62.5°	337	322	309	295	281	265	244	224	205	186	165
-65°	303	288	275	262	248	232	214	198	182	165	147
-67.5°	267	254	241	228	215	202	188	174	158	142	125
-70°	233	222	211	200	188	176	162	148	133	119	105
-72.5°	200	190	180	170	159	149	137	125	112	100	87
-75°	165	158	150	141	132	123	113	103	92	82	73
-77.5°	132	126	120	113	105	97	89	81	73	65	57
-80°	100	96	91	85	80	74	68	62	55	49	43
-82.5°	71	68	64	60	57	53	49	44	39	35	30
-85°	44	42	40	37	35	33	31	28	25	22	19
-87.5°	21	20	19	18	17	16	15	13	12	10	9
-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: P626936 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-750-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	0	0	0	0
65°	1	1	0	1	1	2	1	1	1	1	0
62.5°	2	2	1	1	1	2	2	2	1	1	0
60°	2	2	3	2	2	2	3	2	2	2	1
57.5°	3	3	3	3	2	2	3	3	2	2	2
55°	7	5	4	4	3	3	3	3	3	2	3
52.5°	18	10	6	5	4	3	3	3	3	3	3
50°	30	20	11	7	5	4	3	3	3	3	3
47.5°	44	32	21	11	8	5	4	4	3	3	3
45°	61	46	32	20	11	8	5	4	3	3	3
42.5°	79	62	45	28	19	13	7	5	4	3	3
40°	95	80	60	42	27	18	11	6	5	3	4
37.5°	111	97	77	55	36	25	16	7	6	4	4
35°	128	112	93	69	48	32	22	10	7	5	4
32.5°	144	126	106	84	60	38	27	15	9	6	4
30°	165	139	119	97	71	48	33	21	11	7	4
27.5°	185	152	131	109	83	58	39	26	14	9	5
25°	205	169	142	119	94	69	46	30	17	10	6
22.5°	226	186	152	129	105	78	54	35	21	12	7
20°	247	203	163	140	115	88	63	41	25	15	8
17.5°	270	222	180	152	124	96	70	46	28	17	8
15°	294	240	196	163	133	104	78	52	31	19	10
12.5°	314	257	211	174	142	111	84	58	33	21	11
10°	332	272	223	185	151	117	90	63	37	23	13
7.5°	348	285	234	195	159	123	95	67	42	25	15
5°	360	295	243	203	166	131	99	70	46	26	17
2.5°	370	304	249	209	171	138	103	73	50	27	19
0°	377	310	253	214	176	145	106	75	54	28	21
-2.5°	381	315	260	218	182	148	110	79	57	32	21
-5°	382	317	266	221	187	150	113	82	59	35	22
-7.5°	382	319	269	224	191	152	115	85	61	39	22
-10°	380	318	270	227	192	153	117	88	62	41	23
-12.5°	375	316	270	228	192	155	119	89	63	43	23
-15°	367	313	269	228	192	156	121	90	64	43	23
-17.5°	356	308	266	226	191	156	122	90	64	43	24
-20°	349	303	263	222	190	155	122	89	64	43	25

Classified

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

Scaled Data Report



REPORT NUMBER: P626936 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-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°	340	297	258	219	188	154	121	87	63	42	26
-25°	329	291	252	217	186	152	118	83	62	41	26
-27.5°	319	283	246	214	182	149	114	81	60	40	26
-30°	310	276	241	209	177	145	108	79	58	40	26
-32.5°	300	268	235	203	172	140	103	76	57	39	25
-35°	290	259	227	195	166	134	99	72	55	38	25
-37.5°	279	249	218	188	160	127	96	71	53	36	24
-40°	267	238	208	181	153	121	93	70	51	34	23
-42.5°	255	228	200	174	146	116	89	68	48	32	22
-45°	244	217	191	165	139	111	86	64	45	31	21
-47.5°	232	206	180	155	131	105	81	60	42	29	20
-50°	219	193	167	145	122	97	75	56	40	28	19
-52.5°	203	177	155	135	112	89	69	51	38	27	18
-55°	187	164	145	124	102	81	62	48	35	25	17
-57.5°	174	153	133	113	92	73	57	44	33	24	17
-60°	161	141	121	101	82	65	53	41	31	22	16
-62.5°	146	127	107	88	72	59	48	37	28	21	15
-65°	128	109	92	77	63	52	43	34	26	19	13
-67.5°	108	93	78	65	55	46	38	30	23	17	12
-70°	91	78	66	56	48	40	33	26	20	15	11
-72.5°	76	66	56	47	40	34	27	21	17	13	9
-75°	63	54	46	39	33	27	22	18	14	10	8
-77.5°	50	43	36	31	26	22	18	14	11	9	7
-80°	38	33	28	24	20	16	14	11	9	8	6
-82.5°	27	23	20	18	15	13	11	9	8	7	5
-85°	17	15	13	12	10	9	8	7	5	4	4
-87.5°	8	7	7	6	5	5	4	3	3	2	2
-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: P626936 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-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	1	1	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	0	1	1	1	0	0	0
62.5°	0	1	1	1	0	0	0
60°	1	1	2	1	0	0	0
57.5°	1	1	2	1	0	0	0
55°	1	1	2	2	0	0	0
52.5°	2	1	2	2	1	0	0
50°	2	2	2	2	1	0	0
47.5°	3	2	2	2	1	0	0
45°	3	2	2	3	1	0	0
42.5°	3	2	2	3	1	0	0
40°	3	2	2	3	1	0	0
37.5°	4	3	2	3	2	0	0
35°	4	3	2	3	2	0	0
32.5°	4	3	3	3	2	0	0
30°	5	3	3	3	2	0	0
27.5°	5	4	3	3	2	0	0
25°	5	4	3	3	2	0	0
22.5°	5	4	3	3	2	0	0
20°	5	4	3	3	2	0	0
17.5°	5	5	3	3	2	0	0
15°	6	5	3	3	2	0	0
12.5°	6	5	3	3	2	0	0
10°	6	5	3	3	3	0	0
7.5°	7	5	3	3	3	0	0
5°	7	5	3	3	3	0	0
2.5°	7	5	3	3	3	0	0
0°	8	5	3	3	3	0	0
-2.5°	9	5	3	3	3	0	0
-5°	10	6	3	3	3	0	0
-7.5°	12	6	3	3	3	0	0
-10°	13	6	3	3	3	0	0
-12.5°	14	6	4	3	3	0	0
-15°	14	6	4	3	2	0	0
-17.5°	15	7	4	3	2	0	0
-20°	15	7	4	3	2	0	0

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CATALOG NUMBER: GFLD-SA2C-750-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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