

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: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2B-740-U-MR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (32) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9170.3 lumens  
Efficiency: N/A  
Efficacy: 144.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 32332.7 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 4585.2 lumens  
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 7879 lumens  
Field Efficiency: 85.9%

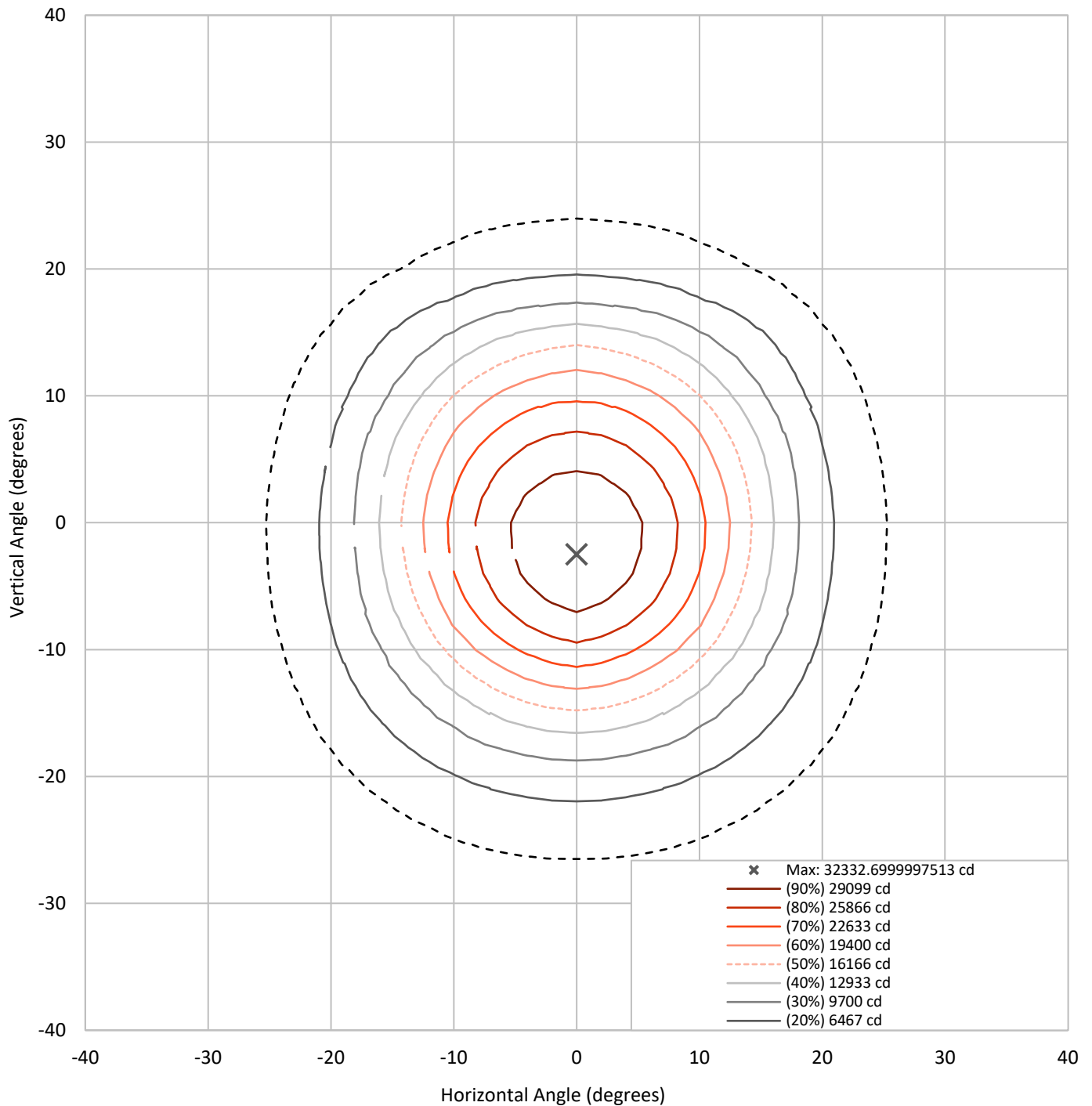
Input Watts (W): 63.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MR-VSR-XX

### Iso-Candela Plot





REPORT NUMBER: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)

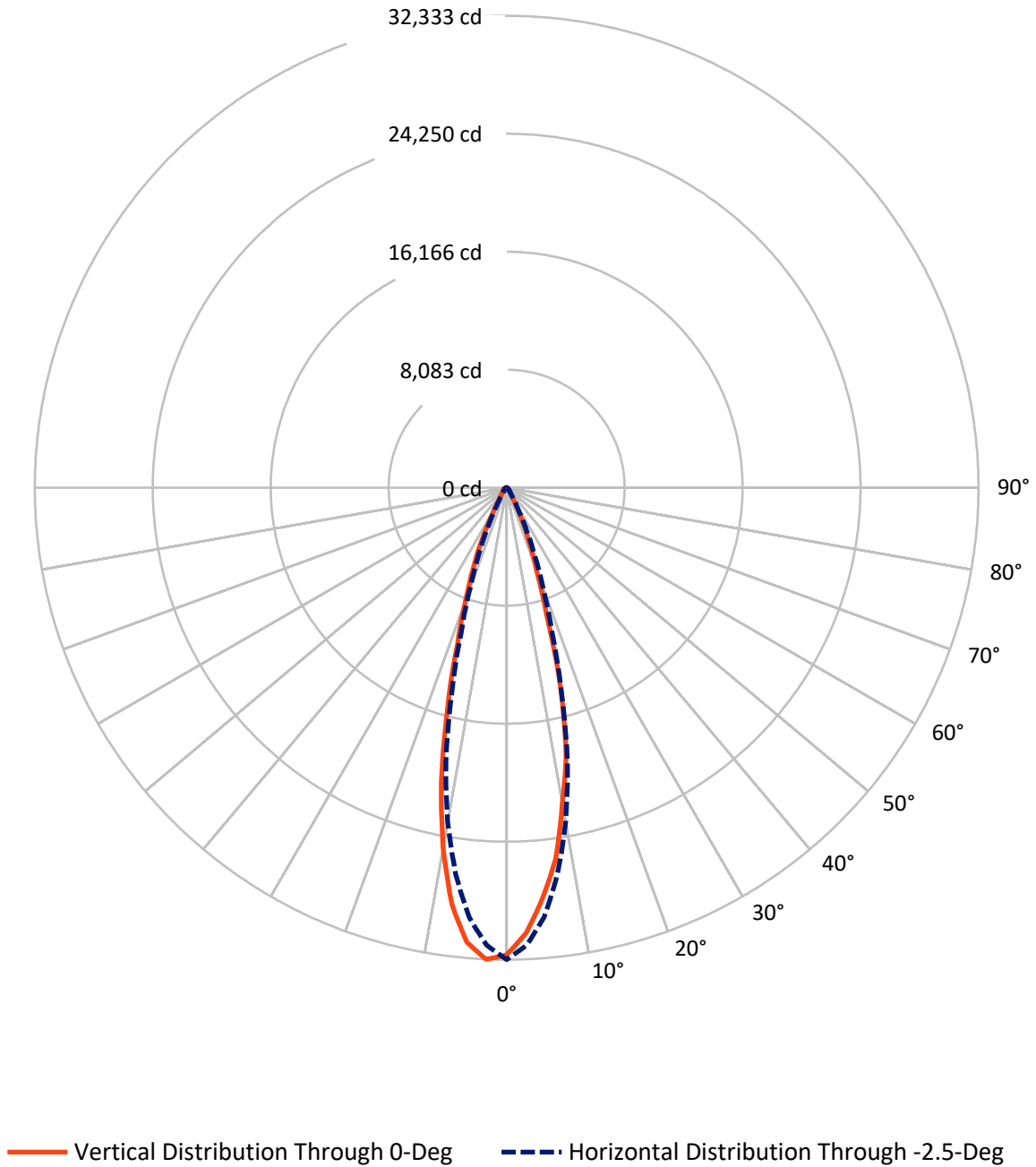
CATALOG NUMBER: GFLD-SA2B-740-U-MR-VSR-XX

### Lumen Table

90	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
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	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0		
60		0.0	0.1	0.3	0.6	1.1	1.4	1.7	1.7	1.4	1.1	0.6	0.3	0.1		0.0	
50	0.0	0.0	0.3	1.0	1.9	3.0	4.2	4.9	4.9	4.2	3.0	1.9	1.0	0.3	0.0		
40		0.1	0.8	2.0	3.6	5.9	9.9	13.2	13.2	9.9	5.9	3.6	2.0	0.8		0.1	
30	0.1	0.3	1.2	3.0	5.7	13.9	43.5	79.8	79.8	43.5	13.9	5.7	3.0	1.2	0.1		
20		0.5	1.7	4.1	9.8	47.8	194.2	380.3	380.3	194.2	47.8	9.8	4.1	1.7		0.5	
10	0.1	0.6	2.1	4.9	14.0	91.0	392.1	768.6	768.6	392.1	91.0	14.0	4.9	2.1	0.1		
0		0.7	2.3	5.1	15.0	95.4	402.4	815.0	815.0	402.4	95.4	15.0	5.1	2.3		0.7	
-10	0.2	0.7	2.3	5.0	12.3	58.6	222.5	431.3	431.3	222.5	58.6	12.3	5.0	2.3	0.2		
-20		0.7	2.2	4.6	9.0	22.7	68.9	122.9	122.9	68.9	22.7	9.0	4.6	2.2		0.7	
-30	0.2	0.6	2.0	4.0	6.8	11.2	18.3	24.5	24.5	18.3	11.2	6.8	4.0	2.0	0.2		
-40		0.5	1.6	3.3	5.4	7.7	10.2	11.4	11.4	10.2	7.7	5.4	3.3	1.6		0.5	
-50	0.1	0.4	1.2	2.6	4.2	5.9	7.3	8.0	8.0	7.3	5.9	4.2	2.6	1.2	0.1		
-60		0.2	0.8	1.7	2.8	4.0	5.0	5.5	5.5	5.0	4.0	2.8	1.7	0.8		0.2	
-70	0.0	0.6	2.7	5.8	7.4	5.8	2.7	0.6	0.0								
-80		0.6	2.7	5.8	7.4	5.8	2.7	0.6									
-90	0.0	0.6	2.7	5.8	7.4	5.8	2.7	0.6	0.0								

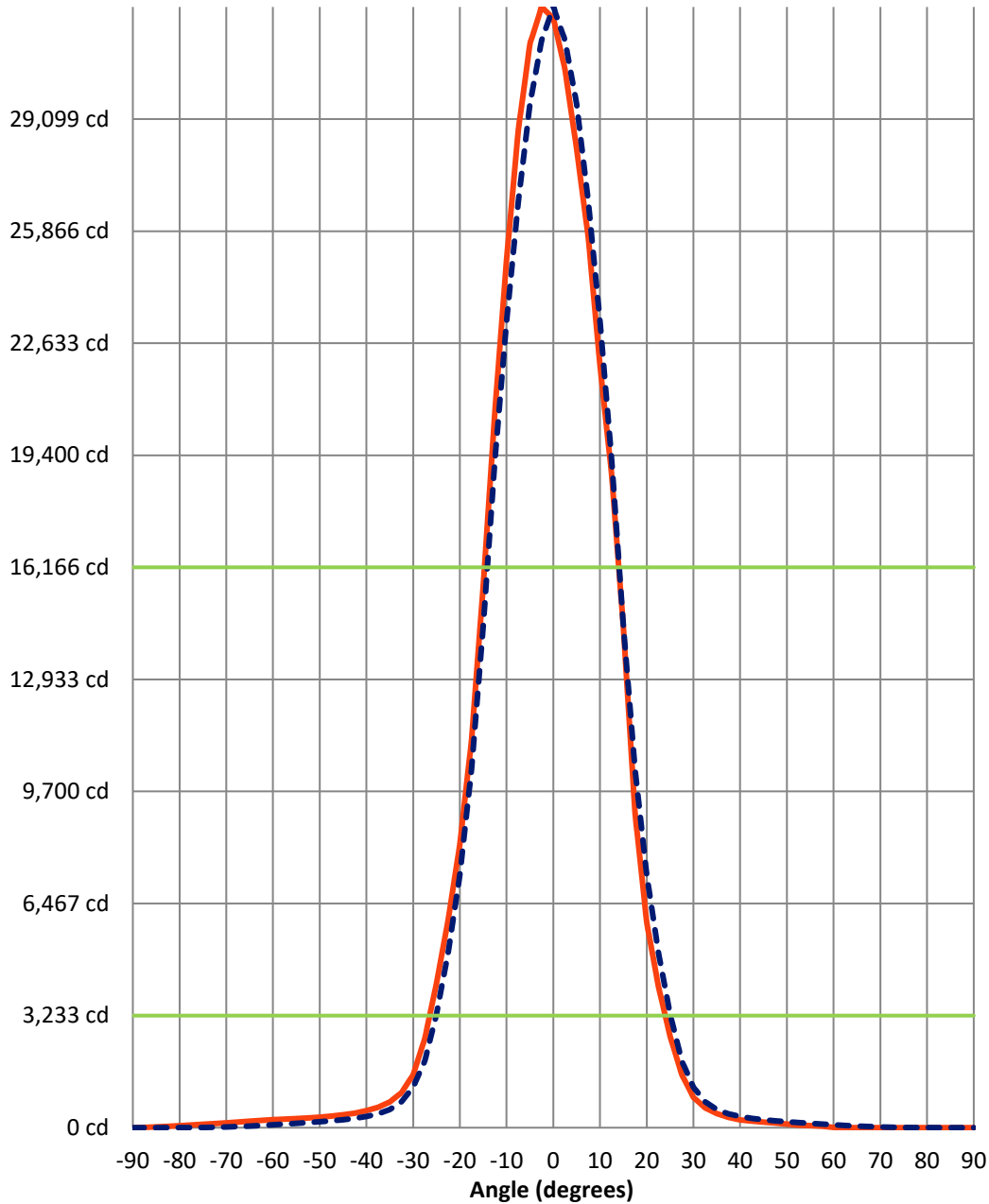
REPORT NUMBER: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-740-U-MR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-740-U-MR-VSR-XX

### Luminous Intensity Plot



**Beam:**  
H Angle: 28.2°  
V Angle: 28.7°  
Lumens: 4585.2  
Efficiency: 50.0%

**Field:**  
H Angle: 50.2°  
V Angle: 50.4°  
Lumens: 7879  
Efficiency: 85.9%

**Spill:**  
Lumens: 1291.3  
Efficiency: 14.1%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through -2.5-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MR-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	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°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	1
57.5°	0	0	0	0	0	0	0	0	0	1	1
55°	0	0	0	0	0	0	0	0	1	1	1
52.5°	0	0	0	0	0	0	0	1	1	1	1
50°	0	0	0	0	0	0	1	1	2	1	1
47.5°	0	0	0	0	0	0	1	1	2	2	2
45°	0	0	0	0	0	1	1	2	2	2	2
42.5°	0	0	0	0	0	1	1	2	2	2	3
40°	0	0	0	0	0	1	2	2	2	2	5
37.5°	0	0	0	0	0	1	2	2	2	3	7
35°	0	0	0	0	1	2	2	2	3	5	9
32.5°	0	0	0	0	1	2	2	2	4	7	11
30°	0	0	0	0	1	2	2	2	5	9	14
27.5°	0	0	0	0	1	2	2	3	6	10	16
25°	0	0	0	0	1	2	2	3	7	12	19
22.5°	0	0	0	0	1	2	2	4	9	15	23
20°	0	0	0	0	2	2	2	5	10	17	26
17.5°	0	0	0	0	2	2	2	6	11	19	29
15°	0	0	0	0	2	2	2	7	12	21	32
12.5°	0	0	0	0	2	2	3	8	13	24	35
10°	0	0	0	0	2	2	3	9	15	26	37
7.5°	0	0	0	0	2	2	3	10	16	28	39
5°	0	0	0	0	2	2	4	11	17	30	41
2.5°	0	0	0	0	2	2	4	12	18	31	43
0°	0	0	0	0	2	2	4	12	18	33	45
-2.5°	0	0	0	0	2	2	5	12	20	34	46
-5°	0	0	0	0	2	2	6	13	22	35	47
-7.5°	0	0	0	0	2	3	6	13	23	35	48
-10°	0	0	0	0	2	3	7	13	24	36	48
-12.5°	0	0	0	1	2	3	7	13	25	37	50
-15°	0	0	0	1	2	3	8	13	25	37	51
-17.5°	0	0	0	1	2	3	8	14	25	37	51
-20°	0	0	0	1	2	3	8	14	24	37	51

Classified

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

Scaled Data Report



REPORT NUMBER: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MR-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	0	1	2	3	8	15	24	37	50
-25°	0	0	0	1	2	3	8	15	23	36	49
-27.5°	0	0	0	1	2	4	8	15	22	35	48
-30°	0	0	0	1	2	4	8	15	22	34	46
-32.5°	0	0	0	1	2	4	8	15	22	32	44
-35°	0	0	0	1	2	4	8	15	22	31	42
-37.5°	0	0	0	1	3	4	8	14	21	30	41
-40°	0	0	0	1	3	4	8	14	21	29	40
-42.5°	0	0	0	0	3	4	8	13	20	28	39
-45°	0	0	0	0	3	4	8	13	19	27	37
-47.5°	0	0	0	0	2	4	7	12	18	25	35
-50°	0	0	0	0	2	4	7	12	17	24	32
-52.5°	0	0	0	0	2	4	7	11	16	22	30
-55°	0	0	0	0	2	4	6	10	15	21	27
-57.5°	0	0	0	0	2	4	6	9	13	19	25
-60°	0	0	0	0	2	3	5	8	12	17	23
-62.5°	0	0	0	0	1	3	5	7	11	15	20
-65°	0	0	0	0	1	3	5	6	10	13	18
-67.5°	0	0	0	0	1	3	4	6	8	12	15
-70°	0	0	0	0	1	2	4	5	7	10	13
-72.5°	0	0	0	0	1	2	3	5	6	8	11
-75°	0	0	0	0	1	2	3	4	5	7	9
-77.5°	0	0	0	0	1	2	3	3	4	5	7
-80°	0	0	0	0	1	1	2	3	3	4	5
-82.5°	0	0	0	0	1	1	2	2	2	3	3
-85°	0	0	0	0	0	1	1	1	1	2	2
-87.5°	0	0	0	0	0	0	1	1	1	1	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: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MR-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	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	1	0	1	1	2	2	2	4
57.5°	0	0	1	1	1	2	3	4	6	9	11
55°	1	1	2	2	3	5	7	10	14	18	21
52.5°	1	2	2	3	6	9	13	18	23	27	31
50°	2	2	3	7	10	15	21	28	32	36	42
47.5°	3	3	6	10	16	23	31	37	41	48	57
45°	4	6	10	15	22	32	39	45	53	61	70
42.5°	5	9	15	20	31	40	47	55	64	73	83
40°	8	12	19	29	40	49	57	66	75	86	96
37.5°	11	17	25	36	48	58	68	77	88	100	112
35°	13	22	32	44	55	67	78	89	103	116	129
32.5°	16	26	38	50	63	76	88	103	117	131	147
30°	21	31	43	57	70	84	100	116	130	146	163
27.5°	25	36	49	63	77	92	111	127	142	160	179
25°	30	41	55	69	84	101	121	138	154	173	196
22.5°	34	46	61	74	91	111	131	150	168	187	213
20°	38	51	67	81	97	120	141	162	183	207	237
17.5°	42	56	72	88	106	129	151	175	198	227	264
15°	45	61	78	95	115	137	161	187	214	248	290
12.5°	49	65	83	102	122	145	170	197	229	269	321
10°	52	69	89	108	128	153	178	205	240	284	345
7.5°	55	72	93	113	134	159	184	213	249	296	363
5°	57	76	97	117	138	164	190	219	256	305	378
2.5°	59	79	100	120	142	167	193	223	262	314	389
0°	61	81	102	122	144	169	195	226	265	322	397
-2.5°	63	84	104	125	147	171	198	228	268	324	399
-5°	65	86	106	127	149	172	199	229	270	324	400
-7.5°	66	88	107	128	151	174	200	230	271	324	399
-10°	66	89	108	129	152	175	200	230	269	320	393
-12.5°	68	89	109	130	152	175	199	228	266	314	380
-15°	68	89	109	129	152	175	198	225	260	306	364
-17.5°	69	89	108	128	151	174	195	221	254	297	352
-20°	69	88	107	126	149	172	193	218	249	287	337

Classified

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

Scaled Data Report



REPORT NUMBER: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	68	87	106	125	146	169	190	214	242	275	319
-25°	67	86	104	123	143	165	187	208	235	266	304
-27.5°	65	85	103	121	140	160	181	203	227	256	288
-30°	63	82	100	118	137	156	176	197	219	245	275
-32.5°	60	79	97	115	133	151	169	190	211	234	261
-35°	57	76	93	110	129	146	163	182	202	224	246
-37.5°	56	72	90	106	123	141	157	174	192	213	234
-40°	53	68	85	101	117	134	150	166	182	203	222
-42.5°	51	65	81	97	112	127	144	158	174	192	211
-45°	49	62	77	92	107	121	136	151	167	183	200
-47.5°	46	59	73	86	101	115	128	143	159	174	190
-50°	43	55	68	81	94	109	122	135	149	165	180
-52.5°	40	51	63	74	87	101	115	128	140	153	168
-55°	36	47	58	68	80	92	106	119	132	144	156
-57.5°	32	41	52	63	73	83	96	109	121	134	146
-60°	29	37	46	56	66	76	87	99	110	122	133
-62.5°	26	32	40	49	58	68	78	88	99	109	119
-65°	23	28	35	42	50	59	68	78	88	96	103
-67.5°	19	24	29	35	43	50	57	66	75	82	89
-70°	17	20	24	29	35	41	48	55	61	68	75
-72.5°	14	17	20	23	28	34	39	44	50	56	62
-75°	11	14	16	19	23	27	31	36	41	45	50
-77.5°	9	11	13	15	18	21	24	28	32	36	40
-80°	6	8	10	12	14	16	18	20	23	26	29
-82.5°	4	6	7	8	9	11	12	13	15	17	20
-85°	2	3	4	5	6	6	7	7	9	10	11
-87.5°	1	2	2	2	2	3	3	3	3	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-740-U-MR-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	2	2	3	3	3	3	3
60°	5	5	8	9	9	7	10	11	11	9	9
57.5°	14	18	21	21	24	28	30	29	30	31	35
55°	25	28	30	34	38	42	45	47	49	52	55
52.5°	34	39	42	46	52	55	57	62	67	71	73
50°	48	53	59	64	70	74	78	84	91	98	102
47.5°	64	70	77	85	91	96	101	109	118	126	131
45°	78	85	94	101	108	115	123	132	141	150	156
42.5°	90	99	108	117	123	133	144	154	165	176	184
40°	105	113	126	136	144	154	171	185	199	211	220
37.5°	123	136	150	162	172	186	208	230	248	265	277
35°	143	160	177	190	206	231	259	289	320	344	366
32.5°	163	181	199	219	244	279	314	363	408	454	497
30°	181	201	223	249	289	338	395	469	550	630	722
27.5°	200	222	249	289	350	417	522	639	805	940	1156
25°	221	246	281	346	430	548	731	940	1285	1579	1911
22.5°	246	284	335	416	556	768	1053	1508	2037	2529	2998
20°	276	328	415	544	745	1072	1612	2302	3038	3757	4453
17.5°	317	399	523	708	991	1679	2484	3468	4729	5676	6573
15°	354	458	645	944	1478	2364	3488	4996	6693	8119	9733
12.5°	397	524	749	1136	1900	3071	4503	6302	8310	10476	13004
10°	435	590	881	1414	2340	3702	5308	7419	9999	13063	16259
7.5°	465	647	991	1622	2711	4221	6136	8704	11971	15553	19197
5°	488	690	1077	1785	3027	4642	6741	9720	13444	17555	21179
2.5°	505	720	1135	1885	3240	4929	7154	10260	14345	18863	22667
0°	519	739	1166	1956	3339	5065	7345	10478	14768	19503	23416
-2.5°	524	749	1168	1932	3278	5057	7301	10344	14476	19249	23257
-5°	526	744	1139	1880	3172	4875	7008	9836	13586	18063	22125
-7.5°	522	724	1079	1754	2932	4555	6600	9082	12156	16103	20301
-10°	508	689	998	1583	2602	4055	5964	8062	10517	13739	17142
-12.5°	482	637	886	1327	2213	3490	5180	7035	8948	11066	13864
-15°	452	584	795	1172	1853	2896	4265	5831	7419	9041	10748
-17.5°	429	538	702	965	1423	2266	3361	4619	5908	7195	8345
-20°	400	483	611	815	1148	1647	2470	3449	4412	5462	6343

Classified

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

Scaled Data Report



REPORT NUMBER: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	373	444	540	669	892	1244	1713	2402	3134	3897	4620
-25°	349	402	478	582	715	924	1234	1594	2108	2577	3114
-27.5°	328	373	424	501	602	716	907	1117	1386	1610	1968
-30°	308	343	386	435	509	597	699	826	958	1090	1262
-32.5°	289	319	352	392	438	503	567	649	721	800	882
-35°	270	297	325	356	391	434	482	536	584	632	675
-37.5°	255	277	301	326	354	384	421	460	492	523	550
-40°	241	260	280	300	323	347	376	405	426	446	463
-42.5°	229	245	261	279	297	320	342	364	379	393	404
-45°	217	232	246	260	276	295	314	331	343	353	362
-47.5°	205	218	231	244	259	274	290	302	313	322	328
-50°	193	205	217	228	241	255	269	279	288	296	300
-52.5°	181	193	205	216	227	238	248	258	268	276	279
-55°	169	181	192	202	213	223	233	241	250	258	260
-57.5°	158	170	181	190	199	208	217	226	234	241	243
-60°	145	157	167	175	184	193	201	209	216	223	226
-62.5°	130	141	150	158	166	173	180	188	195	200	204
-65°	112	121	130	138	145	152	159	165	171	175	178
-67.5°	96	103	110	118	125	131	137	143	148	152	155
-70°	81	87	94	100	107	113	118	123	128	131	134
-72.5°	67	73	79	85	90	95	100	104	108	111	114
-75°	55	59	64	69	74	78	82	86	89	91	94
-77.5°	43	47	51	54	58	61	64	67	70	72	74
-80°	32	35	38	41	43	46	48	50	52	54	56
-82.5°	22	24	26	28	30	32	33	34	35	37	38
-85°	13	14	15	17	18	19	20	21	21	22	23
-87.5°	5	6	6	7	7	7	8	8	8	8	9
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-740-U-MR-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	3	3	3	3
60°	9	8	8	8	8	8	9	9	9	11	11
57.5°	38	41	42	43	42	41	38	35	31	30	29
55°	58	60	60	59	60	60	58	55	52	49	47
52.5°	75	75	74	73	74	75	75	73	71	67	62
50°	103	103	103	104	103	103	103	102	98	91	84
47.5°	133	135	135	134	135	135	133	131	126	118	109
45°	159	161	162	161	162	161	159	156	150	141	132
42.5°	187	188	189	189	189	188	187	184	176	165	154
40°	224	225	225	224	225	225	224	220	211	199	185
37.5°	286	290	292	297	292	290	286	277	265	248	230
35°	382	393	399	407	399	393	382	366	344	320	289
32.5°	528	550	561	572	561	550	528	497	454	408	363
30°	785	827	844	875	844	827	785	722	630	550	469
27.5°	1314	1414	1453	1535	1453	1414	1314	1156	940	805	639
25°	2214	2428	2547	2640	2547	2428	2214	1911	1579	1285	940
22.5°	3471	3785	3954	4078	3954	3785	3471	2998	2529	2037	1508
20°	5084	5499	5746	5926	5746	5499	5084	4453	3757	3038	2302
17.5°	7726	8379	8760	9088	8760	8379	7726	6573	5676	4729	3468
15°	11534	12845	13864	14432	13864	12845	11534	9733	8119	6693	4996
12.5°	15239	17159	18300	18825	18300	17159	15239	13004	10476	8310	6302
10°	18903	20714	21799	21991	21799	20714	18903	16259	13063	9999	7419
7.5°	21708	23699	25141	25665	25141	23699	21708	19197	15553	11971	8704
5°	24185	26517	28043	28237	28043	26517	24185	21179	17555	13444	9720
2.5°	26007	28542	30022	30531	30022	28542	26007	22667	18863	14345	10260
0°	26889	29619	31266	32007	31266	29619	26889	23416	19503	14768	10478
-2.5°	26703	29527	31365	32333	31365	29527	26703	23257	19249	14476	10344
-5°	25688	28520	30234	31262	30234	28520	25688	22125	18063	13586	9836
-7.5°	23347	25995	27820	28768	27820	25995	23347	20301	16103	12156	9082
-10°	20330	22571	24234	25042	24234	22571	20330	17142	13739	10517	8062
-12.5°	16409	18583	20084	20655	20084	18583	16409	13864	11066	8948	7035
-15°	12572	14232	15298	15635	15298	14232	12572	10748	9041	7419	5831
-17.5°	9534	10428	11027	11189	11027	10428	9534	8345	7195	5908	4619
-20°	7143	7697	8086	8178	8086	7697	7143	6343	5462	4412	3449

Classified

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

Scaled Data Report



REPORT NUMBER: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5205	5621	5935	5998	5935	5621	5205	4620	3897	3134	2402
-25°	3590	3938	4151	4167	4151	3938	3590	3114	2577	2108	1594
-27.5°	2251	2442	2541	2575	2541	2442	2251	1968	1610	1386	1117
-30°	1391	1479	1525	1527	1525	1479	1391	1262	1090	958	826
-32.5°	944	987	1010	1010	1010	987	944	882	800	721	649
-35°	707	729	742	743	742	729	707	675	632	584	536
-37.5°	569	581	587	588	587	581	569	550	523	492	460
-40°	476	484	489	493	489	484	476	463	446	426	405
-42.5°	411	417	419	417	419	417	411	404	393	379	364
-45°	366	370	372	373	372	370	366	362	353	343	331
-47.5°	331	332	333	334	333	332	331	328	322	313	302
-50°	302	304	304	303	304	304	302	300	296	288	279
-52.5°	280	280	281	281	281	280	280	279	276	268	258
-55°	261	262	262	263	262	262	261	260	258	250	241
-57.5°	246	247	247	246	247	247	246	243	241	234	226
-60°	229	231	232	232	232	231	229	226	223	216	209
-62.5°	206	208	209	210	209	208	206	204	200	195	188
-65°	180	182	185	187	185	182	180	178	175	171	165
-67.5°	156	158	160	163	160	158	156	155	152	148	143
-70°	136	138	138	138	138	138	136	134	131	128	123
-72.5°	116	117	118	118	118	117	116	114	111	108	104
-75°	96	97	98	98	98	97	96	94	91	89	86
-77.5°	76	77	77	77	77	77	76	74	72	70	67
-80°	57	59	58	57	58	59	57	56	54	52	50
-82.5°	39	40	40	39	40	40	39	38	37	35	34
-85°	24	24	23	22	23	24	24	23	22	21	21
-87.5°	10	10	9	8	9	10	10	9	8	8	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-740-U-MR-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	0
62.5°	3	2	2	2	2	1	1	1	0	0	0
60°	10	7	9	9	8	5	5	4	2	2	2
57.5°	30	28	24	21	21	18	14	11	9	6	4
55°	45	42	38	34	30	28	25	21	18	14	10
52.5°	57	55	52	46	42	39	34	31	27	23	18
50°	78	74	70	64	59	53	48	42	36	32	28
47.5°	101	96	91	85	77	70	64	57	48	41	37
45°	123	115	108	101	94	85	78	70	61	53	45
42.5°	144	133	123	117	108	99	90	83	73	64	55
40°	171	154	144	136	126	113	105	96	86	75	66
37.5°	208	186	172	162	150	136	123	112	100	88	77
35°	259	231	206	190	177	160	143	129	116	103	89
32.5°	314	279	244	219	199	181	163	147	131	117	103
30°	395	338	289	249	223	201	181	163	146	130	116
27.5°	522	417	350	289	249	222	200	179	160	142	127
25°	731	548	430	346	281	246	221	196	173	154	138
22.5°	1053	768	556	416	335	284	246	213	187	168	150
20°	1612	1072	745	544	415	328	276	237	207	183	162
17.5°	2484	1679	991	708	523	399	317	264	227	198	175
15°	3488	2364	1478	944	645	458	354	290	248	214	187
12.5°	4503	3071	1900	1136	749	524	397	321	269	229	197
10°	5308	3702	2340	1414	881	590	435	345	284	240	205
7.5°	6136	4221	2711	1622	991	647	465	363	296	249	213
5°	6741	4642	3027	1785	1077	690	488	378	305	256	219
2.5°	7154	4929	3240	1885	1135	720	505	389	314	262	223
0°	7345	5065	3339	1956	1166	739	519	397	322	265	226
-2.5°	7301	5057	3278	1932	1168	749	524	399	324	268	228
-5°	7008	4875	3172	1880	1139	744	526	400	324	270	229
-7.5°	6600	4555	2932	1754	1079	724	522	399	324	271	230
-10°	5964	4055	2602	1583	998	689	508	393	320	269	230
-12.5°	5180	3490	2213	1327	886	637	482	380	314	266	228
-15°	4265	2896	1853	1172	795	584	452	364	306	260	225
-17.5°	3361	2266	1423	965	702	538	429	352	297	254	221
-20°	2470	1647	1148	815	611	483	400	337	287	249	218

Classified

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

Scaled Data Report



REPORT NUMBER: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1713	1244	892	669	540	444	373	319	275	242	214
-25°	1234	924	715	582	478	402	349	304	266	235	208
-27.5°	907	716	602	501	424	373	328	288	256	227	203
-30°	699	597	509	435	386	343	308	275	245	219	197
-32.5°	567	503	438	392	352	319	289	261	234	211	190
-35°	482	434	391	356	325	297	270	246	224	202	182
-37.5°	421	384	354	326	301	277	255	234	213	192	174
-40°	376	347	323	300	280	260	241	222	203	182	166
-42.5°	342	320	297	279	261	245	229	211	192	174	158
-45°	314	295	276	260	246	232	217	200	183	167	151
-47.5°	290	274	259	244	231	218	205	190	174	159	143
-50°	269	255	241	228	217	205	193	180	165	149	135
-52.5°	248	238	227	216	205	193	181	168	153	140	128
-55°	233	223	213	202	192	181	169	156	144	132	119
-57.5°	217	208	199	190	181	170	158	146	134	121	109
-60°	201	193	184	175	167	157	145	133	122	110	99
-62.5°	180	173	166	158	150	141	130	119	109	99	88
-65°	159	152	145	138	130	121	112	103	96	88	78
-67.5°	137	131	125	118	110	103	96	89	82	75	66
-70°	118	113	107	100	94	87	81	75	68	61	55
-72.5°	100	95	90	85	79	73	67	62	56	50	44
-75°	82	78	74	69	64	59	55	50	45	41	36
-77.5°	64	61	58	54	51	47	43	40	36	32	28
-80°	48	46	43	41	38	35	32	29	26	23	20
-82.5°	33	32	30	28	26	24	22	20	17	15	13
-85°	20	19	18	17	15	14	13	11	10	9	7
-87.5°	8	7	7	7	6	6	5	4	4	3	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: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MR-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	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	1	1	0	1	0	0	0	1	0	0	0
57.5°	3	2	1	1	1	0	0	1	1	0	0
55°	7	5	3	2	2	1	1	1	1	1	0
52.5°	13	9	6	3	2	2	1	1	1	1	1
50°	21	15	10	7	3	2	2	1	1	2	1
47.5°	31	23	16	10	6	3	3	2	2	2	1
45°	39	32	22	15	10	6	4	2	2	2	2
42.5°	47	40	31	20	15	9	5	3	2	2	2
40°	57	49	40	29	19	12	8	5	2	2	2
37.5°	68	58	48	36	25	17	11	7	3	2	2
35°	78	67	55	44	32	22	13	9	5	3	2
32.5°	88	76	63	50	38	26	16	11	7	4	2
30°	100	84	70	57	43	31	21	14	9	5	2
27.5°	111	92	77	63	49	36	25	16	10	6	3
25°	121	101	84	69	55	41	30	19	12	7	3
22.5°	131	111	91	74	61	46	34	23	15	9	4
20°	141	120	97	81	67	51	38	26	17	10	5
17.5°	151	129	106	88	72	56	42	29	19	11	6
15°	161	137	115	95	78	61	45	32	21	12	7
12.5°	170	145	122	102	83	65	49	35	24	13	8
10°	178	153	128	108	89	69	52	37	26	15	9
7.5°	184	159	134	113	93	72	55	39	28	16	10
5°	190	164	138	117	97	76	57	41	30	17	11
2.5°	193	167	142	120	100	79	59	43	31	18	12
0°	195	169	144	122	102	81	61	45	33	18	12
-2.5°	198	171	147	125	104	84	63	46	34	20	12
-5°	199	172	149	127	106	86	65	47	35	22	13
-7.5°	200	174	151	128	107	88	66	48	35	23	13
-10°	200	175	152	129	108	89	66	48	36	24	13
-12.5°	199	175	152	130	109	89	68	50	37	25	13
-15°	198	175	152	129	109	89	68	51	37	25	13
-17.5°	195	174	151	128	108	89	69	51	37	25	14
-20°	193	172	149	126	107	88	69	51	37	24	14

Classified

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

Scaled Data Report



REPORT NUMBER: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	190	169	146	125	106	87	68	50	37	24	15
-25°	187	165	143	123	104	86	67	49	36	23	15
-27.5°	181	160	140	121	103	85	65	48	35	22	15
-30°	176	156	137	118	100	82	63	46	34	22	15
-32.5°	169	151	133	115	97	79	60	44	32	22	15
-35°	163	146	129	110	93	76	57	42	31	22	15
-37.5°	157	141	123	106	90	72	56	41	30	21	14
-40°	150	134	117	101	85	68	53	40	29	21	14
-42.5°	144	127	112	97	81	65	51	39	28	20	13
-45°	136	121	107	92	77	62	49	37	27	19	13
-47.5°	128	115	101	86	73	59	46	35	25	18	12
-50°	122	109	94	81	68	55	43	32	24	17	12
-52.5°	115	101	87	74	63	51	40	30	22	16	11
-55°	106	92	80	68	58	47	36	27	21	15	10
-57.5°	96	83	73	63	52	41	32	25	19	13	9
-60°	87	76	66	56	46	37	29	23	17	12	8
-62.5°	78	68	58	49	40	32	26	20	15	11	7
-65°	68	59	50	42	35	28	23	18	13	10	6
-67.5°	57	50	43	35	29	24	19	15	12	8	6
-70°	48	41	35	29	24	20	17	13	10	7	5
-72.5°	39	34	28	23	20	17	14	11	8	6	5
-75°	31	27	23	19	16	14	11	9	7	5	4
-77.5°	24	21	18	15	13	11	9	7	5	4	3
-80°	18	16	14	12	10	8	6	5	4	3	3
-82.5°	12	11	9	8	7	6	4	3	3	2	2
-85°	7	6	6	5	4	3	2	2	2	1	1
-87.5°	3	3	2	2	2	2	1	1	1	1	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: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MR-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	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	1	0	0	0	0	0	0
45°	1	1	0	0	0	0	0
42.5°	1	1	0	0	0	0	0
40°	2	1	0	0	0	0	0
37.5°	2	1	0	0	0	0	0
35°	2	2	1	0	0	0	0
32.5°	2	2	1	0	0	0	0
30°	2	2	1	0	0	0	0
27.5°	2	2	1	0	0	0	0
25°	2	2	1	0	0	0	0
22.5°	2	2	1	0	0	0	0
20°	2	2	2	0	0	0	0
17.5°	2	2	2	0	0	0	0
15°	2	2	2	0	0	0	0
12.5°	3	2	2	0	0	0	0
10°	3	2	2	0	0	0	0
7.5°	3	2	2	0	0	0	0
5°	4	2	2	0	0	0	0
2.5°	4	2	2	0	0	0	0
0°	4	2	2	0	0	0	0
-2.5°	5	2	2	0	0	0	0
-5°	6	2	2	0	0	0	0
-7.5°	6	3	2	0	0	0	0
-10°	7	3	2	0	0	0	0
-12.5°	7	3	2	1	0	0	0
-15°	8	3	2	1	0	0	0
-17.5°	8	3	2	1	0	0	0
-20°	8	3	2	1	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P626864 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)