

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: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-730-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626786 (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-SA1E-730-U-MWR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (16) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

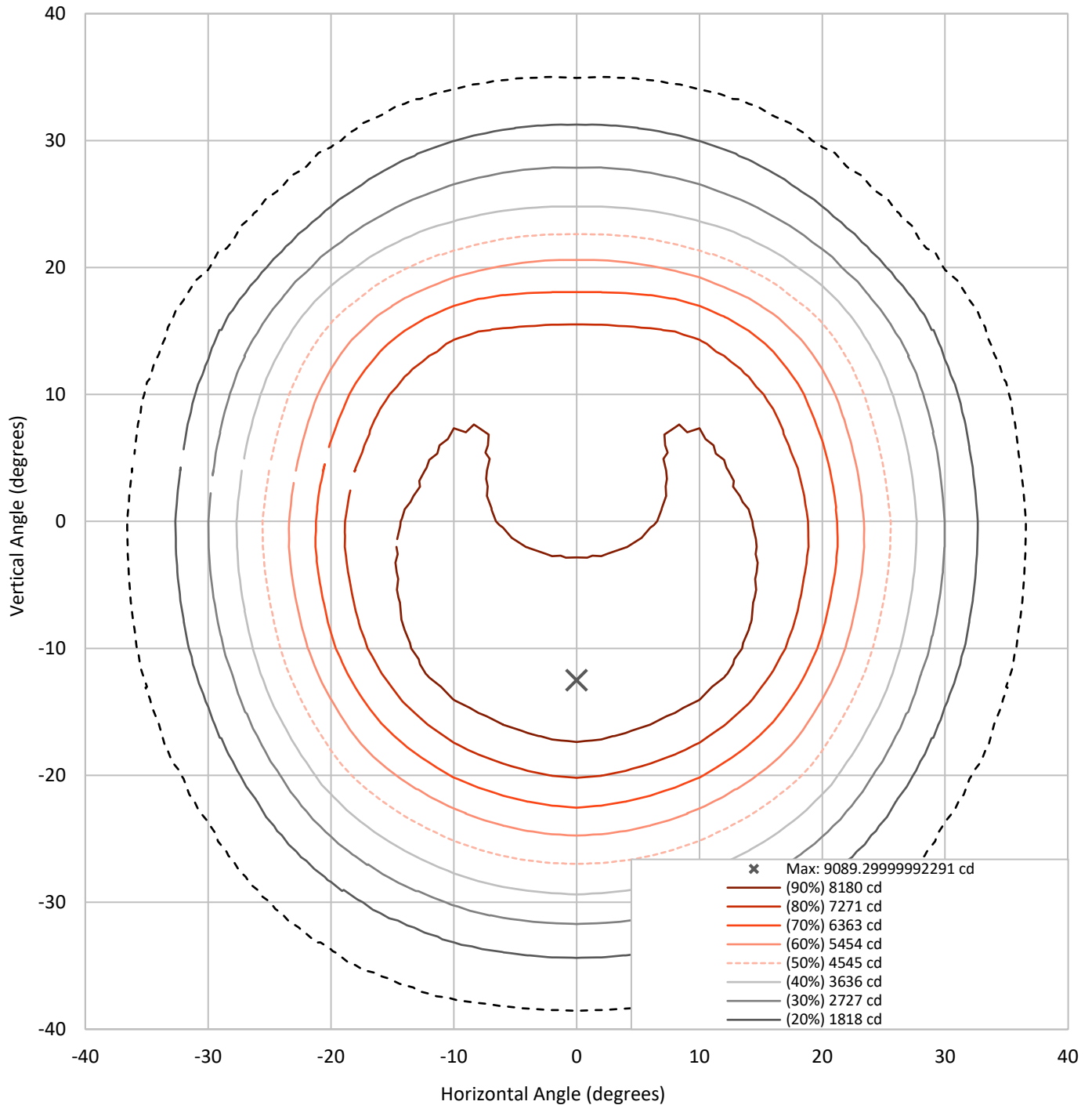
Lumens per Lamp: N/A  
Luminaire Lumens: 6487.8 lumens  
Efficiency: N/A  
Efficacy: 98.0 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
NEMA Type: 4H x 5V  
Max Intensity: 9089.3 candela  
Max Intensity Angle: 0°H x -12.5°V  
Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 4345.5 lumens  
Beam Efficiency: 67.0%  
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 5847.8 lumens  
Field Efficiency: 90.1%

Input Watts (W): 66.2  
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: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1E-730-U-MWR-VSR-XX

### Iso-Candela Plot





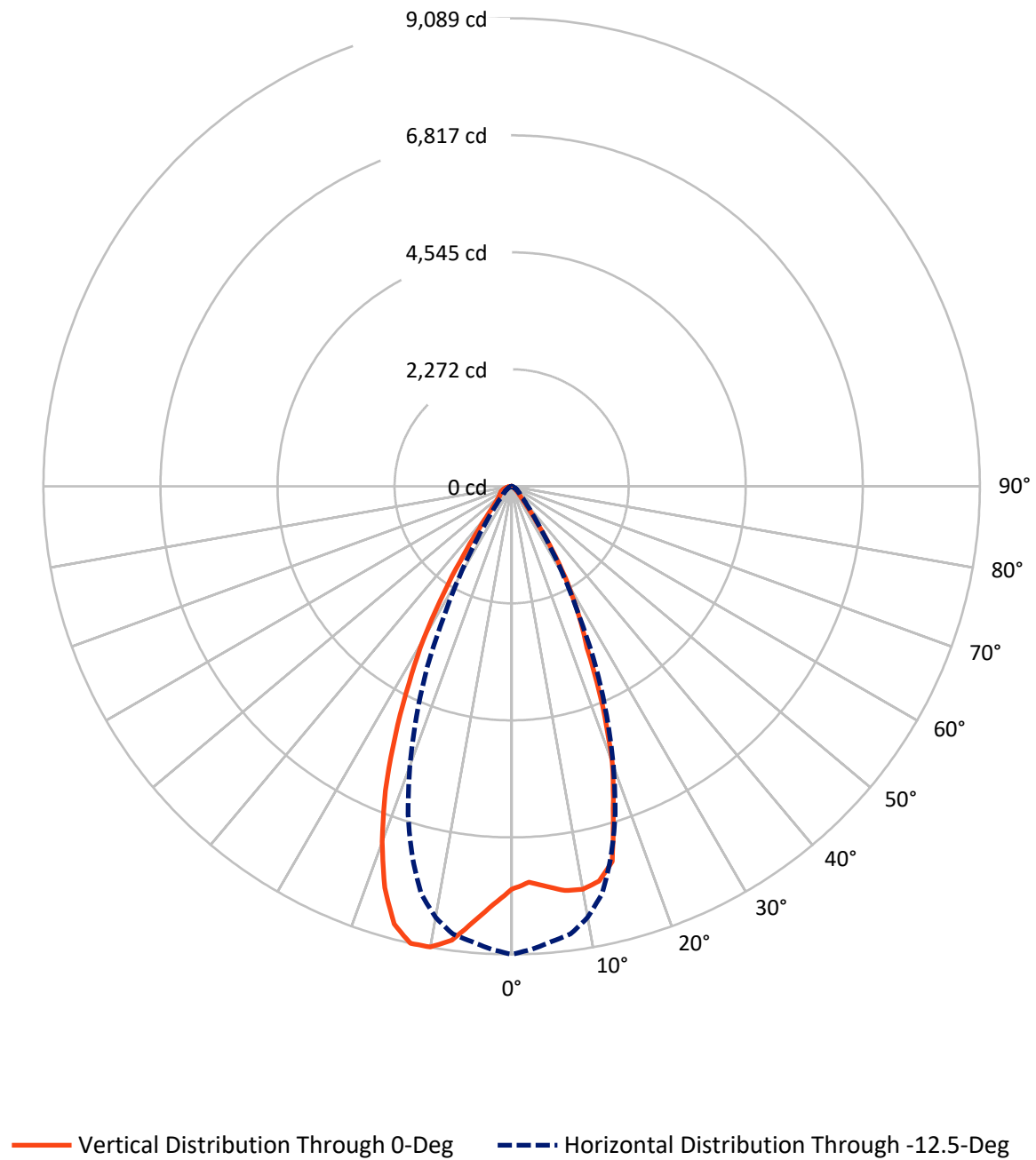
REPORT NUMBER: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-730-U-MWR-VSR-XX

### 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	0.0	0.2	0.5	0.9	1.2	1.4	1.4	1.2	0.9	0.5	0.2	0.0		0.0							
40	0.0	0.0	0.3	0.9	1.8	3.0	4.4	5.5	5.5	4.4	3.0	1.8	0.9	0.3	0.0								
30		0.1	0.7	1.9	3.9	8.4	19.1	29.2	29.2	19.1	8.4	3.9	1.9	0.7		0.1							
20	0.1	0.3	1.2	3.0	8.1	30.2	77.7	108.6	108.6	77.7	30.2	8.1	3.0	1.2	0.1								
10		0.4	1.7	4.7	19.4	83.8	174.7	216.3	216.3	174.7	83.8	19.4	4.7	1.7		0.4							
0	0.1	0.6	2.1	6.0	30.9	123.3	225.3	244.2	244.2	225.3	123.3	30.9	6.0	2.1	0.1								
-10		0.7	2.3	6.5	32.3	127.4	233.4	259.2	259.2	233.4	127.4	32.3	6.5	2.3		0.7							
-20	0.2	0.7	2.3	5.9	23.1	94.8	196.9	251.4	251.4	196.9	94.8	23.1	5.9	2.3	0.2								
-30		0.7	2.2	4.9	12.9	46.0	109.7	154.4	154.4	109.7	46.0	12.9	4.9	2.2		0.7							
-40	0.2	0.6	2.0	4.1	7.7	16.4	34.3	50.9	50.9	34.3	16.4	7.7	4.1	2.0	0.2								
-50		0.5	1.7	3.4	5.6	8.3	11.7	13.9	13.9	11.7	8.3	5.6	3.4	1.7		0.5							
-60	0.1	0.4	1.3	2.7	4.4	6.1	7.6	8.4	8.4	7.6	6.1	4.4	2.7	1.3	0.1								
-70		0.3	0.8	1.8	3.1	4.4	5.6	6.2	6.2	5.6	4.4	3.1	1.8	0.8		0.3							
-80	0.0	0.7	3.3	7.0	8.9	7.0	3.3	0.7	0.0														
-90																							
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90				

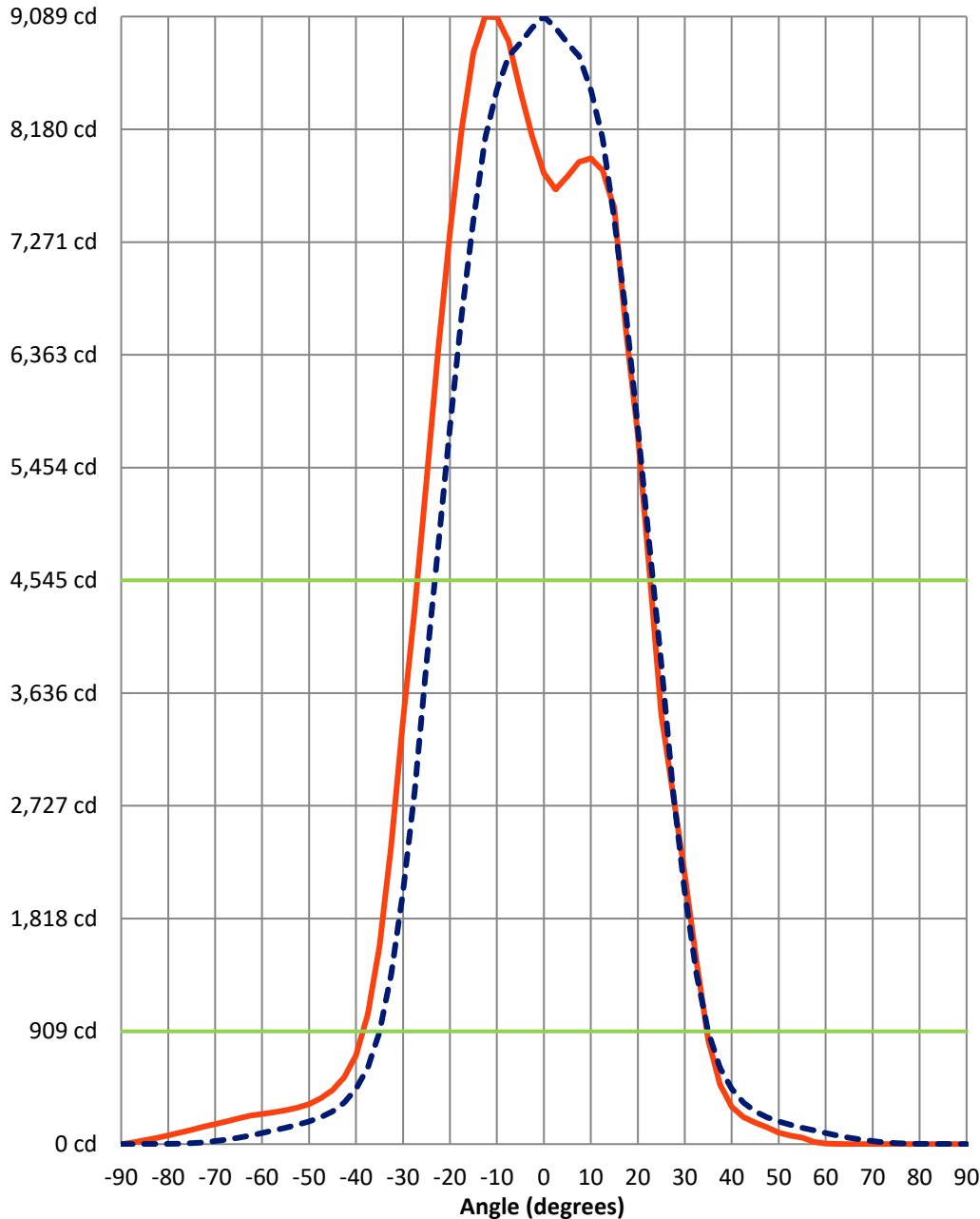
REPORT NUMBER: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1E-730-U-MWR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-730-U-MWR-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 4345.5  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 5847.8  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 640.1  
 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: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-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	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	1	1	0	0	0	0	0
62.5°	0	0	0	0	1	1	0	0	1	1	1
60°	0	0	0	1	1	1	0	1	1	1	1
57.5°	0	0	0	1	1	1	1	1	1	1	2
55°	0	0	0	1	1	1	1	1	1	2	2
52.5°	0	0	0	1	1	1	1	2	1	2	2
50°	0	0	0	1	1	1	1	2	2	2	2
47.5°	0	0	1	1	1	1	2	2	2	2	2
45°	0	0	1	1	1	1	2	2	2	2	2
42.5°	0	0	1	1	1	1	2	2	2	2	3
40°	0	0	1	2	1	1	2	2	2	3	4
37.5°	0	0	1	2	1	1	2	2	2	3	4
35°	0	0	1	2	1	2	2	2	3	4	6
32.5°	0	0	1	2	1	2	3	2	4	5	9
30°	0	0	1	2	1	2	3	2	4	7	12
27.5°	0	0	1	2	2	2	3	3	5	8	15
25°	0	0	1	2	2	2	3	3	6	10	17
22.5°	0	0	1	2	2	2	3	4	7	12	20
20°	0	0	1	2	2	3	3	4	8	14	24
17.5°	0	0	1	2	2	3	3	5	10	16	27
15°	0	0	1	2	2	3	3	6	11	18	30
12.5°	0	0	1	2	2	3	3	7	12	19	33
10°	0	0	1	2	2	3	4	8	13	21	36
7.5°	0	0	1	2	2	3	4	9	14	24	39
5°	0	0	1	2	2	3	4	10	15	27	41
2.5°	0	0	1	2	2	3	4	11	16	29	42
0°	0	0	2	2	2	3	4	12	16	31	43
-2.5°	0	0	1	2	2	3	5	12	19	33	46
-5°	0	0	1	2	2	3	6	13	20	34	48
-7.5°	0	0	1	2	2	3	7	13	22	35	49
-10°	0	0	1	2	2	4	7	13	24	36	51
-12.5°	0	0	1	2	2	4	8	13	25	37	51
-15°	0	0	1	2	2	4	8	14	25	37	52
-17.5°	0	0	1	2	2	4	8	14	25	37	52
-20°	0	0	1	2	2	4	8	15	25	37	51

Classified

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

Scaled Data Report



REPORT NUMBER: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	1	2	2	4	9	15	24	36	50
-25°	0	0	1	2	2	4	9	15	24	36	48
-27.5°	0	0	1	2	2	4	8	15	23	35	47
-30°	0	0	1	2	2	5	8	15	23	34	46
-32.5°	0	0	1	2	2	5	8	15	22	33	44
-35°	0	0	1	2	2	5	8	14	22	32	42
-37.5°	0	0	1	2	2	5	8	14	21	31	41
-40°	0	0	1	2	2	5	8	13	20	29	40
-42.5°	0	0	1	2	3	5	8	13	19	28	39
-45°	0	0	1	2	3	5	8	12	18	26	37
-47.5°	0	0	1	2	3	5	8	12	17	24	35
-50°	0	0	1	2	3	5	7	11	16	23	32
-52.5°	0	0	1	2	3	5	7	11	15	22	29
-55°	0	0	1	2	3	4	7	10	15	20	28
-57.5°	0	0	1	2	3	4	7	10	14	19	26
-60°	0	0	1	2	3	4	6	9	13	18	23
-62.5°	0	0	1	2	3	4	6	8	12	16	22
-65°	0	0	1	2	3	4	5	8	11	15	19
-67.5°	0	0	1	2	2	3	5	7	10	13	17
-70°	0	0	1	2	2	3	4	6	8	11	15
-72.5°	0	0	1	2	2	3	4	5	7	10	12
-75°	0	0	1	1	2	3	4	5	6	8	10
-77.5°	0	0	1	1	2	3	3	4	5	6	8
-80°	0	0	1	1	2	2	3	4	5	5	6
-82.5°	0	0	0	1	1	2	2	3	4	4	5
-85°	0	0	0	0	1	1	2	2	3	3	4
-87.5°	0	0	0	0	0	1	1	1	1	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: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	1	0	0	0	0	0	0	0	0
65°	1	1	1	0	0	0	1	0	0	0	0
62.5°	1	1	1	1	1	1	1	1	0	0	1
60°	2	1	1	1	2	1	1	1	1	1	4
57.5°	2	1	1	2	2	2	2	2	5	9	10
55°	2	1	2	2	2	3	4	8	12	15	17
52.5°	2	2	2	3	3	6	10	15	19	22	26
50°	2	2	3	4	7	12	17	23	28	33	38
47.5°	3	3	5	7	12	19	25	32	38	45	53
45°	3	5	6	12	18	27	35	43	49	57	64
42.5°	4	7	11	16	26	36	46	52	59	67	77
40°	6	10	16	24	34	46	55	62	69	81	93
37.5°	9	14	21	32	44	56	64	72	83	97	111
35°	12	18	28	40	54	64	74	84	99	114	131
32.5°	16	22	34	48	61	73	83	98	114	131	154
30°	19	28	41	56	69	80	95	112	127	149	175
27.5°	23	33	48	63	75	88	107	123	141	165	197
25°	26	40	54	69	82	97	118	136	154	185	228
22.5°	31	45	61	74	88	108	130	152	176	206	260
20°	36	51	66	81	94	117	143	169	202	244	314
17.5°	41	56	72	87	104	128	156	188	228	281	383
15°	45	60	77	94	113	139	169	208	257	323	450
12.5°	49	64	82	101	121	148	181	224	281	376	536
10°	52	67	87	107	129	157	192	236	301	414	600
7.5°	55	71	92	113	135	164	200	247	318	444	650
5°	57	76	95	117	140	170	208	255	333	466	689
2.5°	59	80	99	121	143	175	213	263	347	484	721
0°	61	83	101	124	146	179	218	268	358	496	747
-2.5°	63	85	105	126	150	181	220	272	361	498	742
-5°	65	87	108	128	153	183	220	274	361	494	726
-7.5°	66	87	110	129	155	184	220	273	357	486	701
-10°	67	88	111	131	156	184	219	269	348	470	664
-12.5°	69	89	111	132	156	183	216	264	335	446	616
-15°	70	90	111	132	155	181	212	255	317	414	557
-17.5°	70	90	110	130	154	178	205	245	301	386	514
-20°	70	90	110	128	152	175	201	237	287	359	462

Classified

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

Scaled Data Report



REPORT NUMBER: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	70	89	109	126	149	172	196	228	270	328	412
-25°	68	88	107	125	146	168	190	217	254	306	376
-27.5°	66	86	105	123	142	163	184	209	241	281	337
-30°	63	84	102	121	139	159	179	200	228	263	308
-32.5°	59	81	99	117	135	154	173	193	217	246	281
-35°	57	77	96	113	131	149	167	186	205	231	261
-37.5°	56	74	92	108	126	143	161	178	197	217	244
-40°	54	70	88	105	120	137	154	171	188	208	229
-42.5°	52	67	84	101	115	131	147	163	180	199	218
-45°	49	64	80	95	110	125	141	156	172	190	208
-47.5°	47	60	76	89	104	119	134	149	163	180	197
-50°	43	56	70	83	96	111	126	141	155	169	185
-52.5°	40	51	65	78	89	102	117	132	147	161	174
-55°	36	47	59	71	83	94	108	123	137	151	164
-57.5°	33	42	53	65	77	88	100	113	127	140	154
-60°	30	38	47	58	70	81	93	105	118	130	142
-62.5°	27	34	42	51	62	73	84	95	107	118	129
-65°	25	30	37	44	53	63	74	85	95	105	114
-67.5°	22	27	32	38	45	54	62	72	82	91	100
-70°	19	23	27	32	38	45	53	61	69	77	85
-72.5°	16	19	23	27	32	38	44	50	57	65	72
-75°	13	16	19	22	27	31	36	42	47	53	59
-77.5°	10	13	15	18	21	25	29	33	38	42	47
-80°	8	10	12	14	16	19	22	25	28	32	36
-82.5°	6	7	9	10	12	13	15	18	20	23	26
-85°	4	5	6	7	8	9	10	11	13	14	16
-87.5°	2	3	3	3	4	4	5	5	6	7	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-730-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°	0	0	1	1	0	0	1	1	1	1	1
60°	4	3	4	5	5	4	5	6	6	5	5
57.5°	10	11	13	15	17	18	19	21	22	22	23
55°	19	23	27	29	32	37	41	42	42	43	46
52.5°	31	35	37	41	47	51	53	56	60	64	67
50°	45	48	53	58	65	68	70	76	83	89	93
47.5°	59	64	72	82	87	91	98	105	114	122	129
45°	71	81	91	100	107	114	123	133	145	158	167
42.5°	86	96	107	117	125	138	152	164	182	199	209
40°	104	114	129	141	157	173	198	222	245	272	292
37.5°	124	140	161	182	205	229	274	320	357	410	439
35°	149	173	203	234	271	329	394	483	576	653	727
32.5°	178	209	250	305	367	460	559	722	882	1041	1198
30°	206	251	314	390	492	639	825	1078	1352	1592	1809
27.5°	244	308	390	502	677	892	1235	1587	1936	2247	2471
25°	289	375	491	677	930	1286	1746	2177	2586	2892	3149
22.5°	355	483	648	886	1344	1839	2390	2932	3392	3777	4030
20°	436	610	886	1316	1855	2474	3183	3753	4320	4753	5140
17.5°	551	828	1218	1764	2408	3234	3964	4599	5319	5761	6156
15°	655	1010	1566	2263	3018	3893	4754	5532	6227	6713	7154
12.5°	786	1204	1843	2663	3489	4463	5358	6191	6871	7372	7681
10°	903	1403	2120	2977	3902	4920	5847	6715	7373	7760	7987
7.5°	998	1568	2345	3246	4222	5247	6227	7088	7718	8042	8197
5°	1072	1691	2520	3467	4481	5529	6529	7372	7902	8170	8257
2.5°	1127	1776	2638	3612	4655	5737	6758	7589	8042	8235	8263
0°	1164	1836	2715	3703	4805	5812	6882	7726	8156	8311	8326
-2.5°	1155	1814	2712	3670	4788	5846	6902	7734	8195	8404	8437
-5°	1132	1763	2622	3576	4651	5711	6719	7597	8163	8478	8617
-7.5°	1086	1675	2468	3397	4431	5492	6519	7431	8082	8524	8797
-10°	1009	1546	2271	3170	4189	5199	6215	7162	7863	8395	8775
-12.5°	904	1371	2032	2848	3872	4816	5778	6685	7450	8107	8499
-15°	795	1189	1782	2530	3421	4351	5239	6129	6884	7498	7988
-17.5°	717	1030	1494	2148	2930	3812	4679	5496	6178	6755	7269
-20°	619	851	1219	1768	2458	3228	4059	4786	5395	5936	6427

Classified

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

Scaled Data Report



REPORT NUMBER: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	541	729	994	1369	1989	2668	3348	4017	4590	5072	5490
-25°	470	602	809	1114	1517	2104	2676	3242	3770	4219	4595
-27.5°	414	519	658	875	1180	1523	2024	2497	2951	3361	3716
-30°	364	442	551	686	894	1149	1450	1804	2166	2489	2812
-32.5°	327	383	458	559	675	857	1039	1277	1507	1742	1974
-35°	295	340	390	458	538	644	764	909	1032	1186	1329
-37.5°	272	304	343	385	442	502	583	671	747	833	906
-40°	254	279	305	334	373	413	465	515	563	616	655
-42.5°	238	258	277	299	322	355	390	421	450	481	506
-45°	226	241	256	273	291	314	339	362	381	399	413
-47.5°	213	226	240	253	268	285	301	316	332	345	355
-50°	200	213	225	237	250	263	276	288	299	309	315
-52.5°	187	201	213	224	235	245	256	267	277	285	290
-55°	178	190	202	212	221	231	240	250	259	268	270
-57.5°	167	180	192	200	209	217	226	235	244	252	255
-60°	155	169	179	187	196	205	213	221	230	237	239
-62.5°	141	153	162	170	178	186	195	203	212	219	223
-65°	124	134	143	151	159	166	175	183	190	197	201
-67.5°	109	117	124	131	139	146	154	162	169	174	178
-70°	94	101	108	115	122	128	135	141	147	152	155
-72.5°	79	86	92	98	104	110	115	121	126	130	133
-75°	65	71	76	81	86	91	95	100	104	107	110
-77.5°	52	56	61	65	69	73	76	79	83	86	88
-80°	39	43	46	49	53	55	58	60	63	65	67
-82.5°	28	30	33	35	37	39	41	43	44	46	48
-85°	18	19	20	22	23	24	25	26	27	28	29
-87.5°	9	9	10	10	11	11	12	12	13	13	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	2	1	1	1	1	1	1	1
60°	5	4	4	5	4	4	5	5	5	6	6
57.5°	22	21	19	18	19	21	22	23	22	22	21
55°	49	51	53	52	53	51	49	46	43	42	42
52.5°	69	70	70	69	70	70	69	67	64	60	56
50°	95	95	94	92	94	95	95	93	89	83	76
47.5°	133	135	136	136	136	135	133	129	122	114	105
45°	170	172	173	173	173	172	170	167	158	145	133
42.5°	214	218	219	218	219	218	214	209	199	182	164
40°	304	308	306	301	306	308	304	292	272	245	222
37.5°	460	475	481	481	481	475	460	439	410	357	320
35°	793	847	871	841	871	847	793	727	653	576	483
32.5°	1325	1419	1472	1472	1472	1419	1325	1198	1041	882	722
30°	1973	2091	2157	2171	2157	2091	1973	1809	1592	1352	1078
27.5°	2645	2767	2830	2821	2830	2767	2645	2471	2247	1936	1587
25°	3320	3412	3465	3466	3465	3412	3320	3149	2892	2586	2177
22.5°	4316	4510	4590	4611	4590	4510	4316	4030	3777	3392	2932
20°	5401	5590	5711	5718	5711	5590	5401	5140	4753	4320	3753
17.5°	6436	6529	6547	6554	6547	6529	6436	6156	5761	5319	4599
15°	7411	7444	7530	7541	7530	7444	7411	7154	6713	6227	5532
12.5°	7874	7904	7889	7849	7889	7904	7874	7681	7372	6871	6191
10°	8127	8085	8022	7946	8022	8085	8127	7987	7760	7373	6715
7.5°	8184	8137	8026	7917	8026	8137	8184	8197	8042	7718	7088
5°	8211	8073	7934	7800	7934	8073	8211	8257	8170	7902	7372
2.5°	8195	8031	7839	7696	7839	8031	8195	8263	8235	8042	7589
0°	8247	8082	7881	7827	7881	8082	8247	8326	8311	8156	7726
-2.5°	8393	8259	8154	8125	8154	8259	8393	8437	8404	8195	7734
-5°	8655	8625	8447	8489	8447	8625	8655	8617	8478	8163	7597
-7.5°	8908	8866	8790	8888	8790	8866	8908	8797	8524	8082	7431
-10°	8975	8961	8997	9083	8997	8961	8975	8775	8395	7863	7162
-12.5°	8769	8877	8998	9089	8998	8877	8769	8499	8107	7450	6685
-15°	8309	8530	8711	8797	8711	8530	8309	7988	7498	6884	6129
-17.5°	7632	7903	8118	8179	8118	7903	7632	7269	6755	6178	5496
-20°	6798	7074	7269	7347	7269	7074	6798	6427	5936	5395	4786

Classified

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

Scaled Data Report



REPORT NUMBER: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5860	6129	6306	6399	6306	6129	5860	5490	5072	4590	4017
-25°	4908	5144	5301	5343	5301	5144	4908	4595	4219	3770	3242
-27.5°	3997	4187	4303	4316	4303	4187	3997	3716	3361	2951	2497
-30°	3081	3258	3358	3411	3358	3258	3081	2812	2489	2166	1804
-32.5°	2164	2304	2389	2411	2389	2304	2164	1974	1742	1507	1277
-35°	1443	1530	1584	1595	1584	1530	1443	1329	1186	1032	909
-37.5°	965	1007	1033	1046	1033	1007	965	906	833	747	671
-40°	683	703	714	717	714	703	683	655	616	563	515
-42.5°	523	533	538	540	538	533	523	506	481	450	421
-45°	422	429	434	435	434	429	422	413	399	381	362
-47.5°	361	366	369	370	369	366	361	355	345	332	316
-50°	319	321	322	322	322	321	319	315	309	299	288
-52.5°	292	294	294	294	294	294	292	290	285	277	267
-55°	272	273	273	273	273	273	272	270	268	259	250
-57.5°	257	258	258	256	258	258	257	255	252	244	235
-60°	242	243	244	243	244	243	242	239	237	230	221
-62.5°	227	230	230	230	230	230	227	223	219	212	203
-65°	205	209	209	207	209	209	205	201	197	190	183
-67.5°	181	184	184	183	184	184	181	178	174	169	162
-70°	159	161	162	161	162	161	159	155	152	147	141
-72.5°	136	139	140	140	140	139	136	133	130	126	121
-75°	113	116	115	115	115	116	113	110	107	104	100
-77.5°	91	93	93	92	93	93	91	88	86	83	79
-80°	69	71	71	70	71	71	69	67	65	63	60
-82.5°	49	50	50	49	50	50	49	48	46	44	43
-85°	30	31	31	31	31	31	30	29	28	27	26
-87.5°	14	15	14	13	14	15	14	14	13	13	12
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	1	1	0	0	1	0	0	1
60°	5	4	5	5	4	3	4	4	1	1	1
57.5°	19	18	17	15	13	11	10	10	9	5	2
55°	41	37	32	29	27	23	19	17	15	12	8
52.5°	53	51	47	41	37	35	31	26	22	19	15
50°	70	68	65	58	53	48	45	38	33	28	23
47.5°	98	91	87	82	72	64	59	53	45	38	32
45°	123	114	107	100	91	81	71	64	57	49	43
42.5°	152	138	125	117	107	96	86	77	67	59	52
40°	198	173	157	141	129	114	104	93	81	69	62
37.5°	274	229	205	182	161	140	124	111	97	83	72
35°	394	329	271	234	203	173	149	131	114	99	84
32.5°	559	460	367	305	250	209	178	154	131	114	98
30°	825	639	492	390	314	251	206	175	149	127	112
27.5°	1235	892	677	502	390	308	244	197	165	141	123
25°	1746	1286	930	677	491	375	289	228	185	154	136
22.5°	2390	1839	1344	886	648	483	355	260	206	176	152
20°	3183	2474	1855	1316	886	610	436	314	244	202	169
17.5°	3964	3234	2408	1764	1218	828	551	383	281	228	188
15°	4754	3893	3018	2263	1566	1010	655	450	323	257	208
12.5°	5358	4463	3489	2663	1843	1204	786	536	376	281	224
10°	5847	4920	3902	2977	2120	1403	903	600	414	301	236
7.5°	6227	5247	4222	3246	2345	1568	998	650	444	318	247
5°	6529	5529	4481	3467	2520	1691	1072	689	466	333	255
2.5°	6758	5737	4655	3612	2638	1776	1127	721	484	347	263
0°	6882	5812	4805	3703	2715	1836	1164	747	496	358	268
-2.5°	6902	5846	4788	3670	2712	1814	1155	742	498	361	272
-5°	6719	5711	4651	3576	2622	1763	1132	726	494	361	274
-7.5°	6519	5492	4431	3397	2468	1675	1086	701	486	357	273
-10°	6215	5199	4189	3170	2271	1546	1009	664	470	348	269
-12.5°	5778	4816	3872	2848	2032	1371	904	616	446	335	264
-15°	5239	4351	3421	2530	1782	1189	795	557	414	317	255
-17.5°	4679	3812	2930	2148	1494	1030	717	514	386	301	245
-20°	4059	3228	2458	1768	1219	851	619	462	359	287	237

Classified

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

Scaled Data Report



REPORT NUMBER: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3348	2668	1989	1369	994	729	541	412	328	270	228
-25°	2676	2104	1517	1114	809	602	470	376	306	254	217
-27.5°	2024	1523	1180	875	658	519	414	337	281	241	209
-30°	1450	1149	894	686	551	442	364	308	263	228	200
-32.5°	1039	857	675	559	458	383	327	281	246	217	193
-35°	764	644	538	458	390	340	295	261	231	205	186
-37.5°	583	502	442	385	343	304	272	244	217	197	178
-40°	465	413	373	334	305	279	254	229	208	188	171
-42.5°	390	355	322	299	277	258	238	218	199	180	163
-45°	339	314	291	273	256	241	226	208	190	172	156
-47.5°	301	285	268	253	240	226	213	197	180	163	149
-50°	276	263	250	237	225	213	200	185	169	155	141
-52.5°	256	245	235	224	213	201	187	174	161	147	132
-55°	240	231	221	212	202	190	178	164	151	137	123
-57.5°	226	217	209	200	192	180	167	154	140	127	113
-60°	213	205	196	187	179	169	155	142	130	118	105
-62.5°	195	186	178	170	162	153	141	129	118	107	95
-65°	175	166	159	151	143	134	124	114	105	95	85
-67.5°	154	146	139	131	124	117	109	100	91	82	72
-70°	135	128	122	115	108	101	94	85	77	69	61
-72.5°	115	110	104	98	92	86	79	72	65	57	50
-75°	95	91	86	81	76	71	65	59	53	47	42
-77.5°	76	73	69	65	61	56	52	47	42	38	33
-80°	58	55	53	49	46	43	39	36	32	28	25
-82.5°	41	39	37	35	33	30	28	26	23	20	18
-85°	25	24	23	22	20	19	18	16	14	13	11
-87.5°	12	11	11	10	10	9	9	8	7	6	5
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	1	0	0	0	0	0	0
65°	1	0	0	0	1	1	1	0	0	0	0
62.5°	1	1	1	1	1	1	1	1	1	1	0
60°	1	1	2	1	1	1	2	1	1	1	1
57.5°	2	2	2	2	1	1	2	2	1	1	1
55°	4	3	2	2	2	1	2	2	2	1	1
52.5°	10	6	3	3	2	2	2	2	2	1	2
50°	17	12	7	4	3	2	2	2	2	2	2
47.5°	25	19	12	7	5	3	3	2	2	2	2
45°	35	27	18	12	6	5	3	2	2	2	2
42.5°	46	36	26	16	11	7	4	3	2	2	2
40°	55	46	34	24	16	10	6	4	3	2	2
37.5°	64	56	44	32	21	14	9	4	3	2	2
35°	74	64	54	40	28	18	12	6	4	3	2
32.5°	83	73	61	48	34	22	16	9	5	4	2
30°	95	80	69	56	41	28	19	12	7	4	2
27.5°	107	88	75	63	48	33	23	15	8	5	3
25°	118	97	82	69	54	40	26	17	10	6	3
22.5°	130	108	88	74	61	45	31	20	12	7	4
20°	143	117	94	81	66	51	36	24	14	8	4
17.5°	156	128	104	87	72	56	41	27	16	10	5
15°	169	139	113	94	77	60	45	30	18	11	6
12.5°	181	148	121	101	82	64	49	33	19	12	7
10°	192	157	129	107	87	67	52	36	21	13	8
7.5°	200	164	135	113	92	71	55	39	24	14	9
5°	208	170	140	117	95	76	57	41	27	15	10
2.5°	213	175	143	121	99	80	59	42	29	16	11
0°	218	179	146	124	101	83	61	43	31	16	12
-2.5°	220	181	150	126	105	85	63	46	33	19	12
-5°	220	183	153	128	108	87	65	48	34	20	13
-7.5°	220	184	155	129	110	87	66	49	35	22	13
-10°	219	184	156	131	111	88	67	51	36	24	13
-12.5°	216	183	156	132	111	89	69	51	37	25	13
-15°	212	181	155	132	111	90	70	52	37	25	14
-17.5°	205	178	154	130	110	90	70	52	37	25	14
-20°	201	175	152	128	110	90	70	51	37	25	15

Classified

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

Scaled Data Report



REPORT NUMBER: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	196	172	149	126	109	89	70	50	36	24	15
-25°	190	168	146	125	107	88	68	48	36	24	15
-27.5°	184	163	142	123	105	86	66	47	35	23	15
-30°	179	159	139	121	102	84	63	46	34	23	15
-32.5°	173	154	135	117	99	81	59	44	33	22	15
-35°	167	149	131	113	96	77	57	42	32	22	14
-37.5°	161	143	126	108	92	74	56	41	31	21	14
-40°	154	137	120	105	88	70	54	40	29	20	13
-42.5°	147	131	115	101	84	67	52	39	28	19	13
-45°	141	125	110	95	80	64	49	37	26	18	12
-47.5°	134	119	104	89	76	60	47	35	24	17	12
-50°	126	111	96	83	70	56	43	32	23	16	11
-52.5°	117	102	89	78	65	51	40	29	22	15	11
-55°	108	94	83	71	59	47	36	28	20	15	10
-57.5°	100	88	77	65	53	42	33	26	19	14	10
-60°	93	81	70	58	47	38	30	23	18	13	9
-62.5°	84	73	62	51	42	34	27	22	16	12	8
-65°	74	63	53	44	37	30	25	19	15	11	8
-67.5°	62	54	45	38	32	27	22	17	13	10	7
-70°	53	45	38	32	27	23	19	15	11	8	6
-72.5°	44	38	32	27	23	19	16	12	10	7	5
-75°	36	31	27	22	19	16	13	10	8	6	5
-77.5°	29	25	21	18	15	13	10	8	6	5	4
-80°	22	19	16	14	12	10	8	6	5	5	4
-82.5°	15	13	12	10	9	7	6	5	4	4	3
-85°	10	9	8	7	6	5	4	4	3	3	2
-87.5°	5	4	4	3	3	3	2	2	2	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: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	1	1	0	0	0	0
62.5°	0	1	1	0	0	0	0
60°	0	1	1	1	0	0	0
57.5°	1	1	1	1	0	0	0
55°	1	1	1	1	0	0	0
52.5°	1	1	1	1	0	0	0
50°	1	1	1	1	0	0	0
47.5°	2	1	1	1	1	0	0
45°	2	1	1	1	1	0	0
42.5°	2	1	1	1	1	0	0
40°	2	1	1	2	1	0	0
37.5°	2	1	1	2	1	0	0
35°	2	2	1	2	1	0	0
32.5°	3	2	1	2	1	0	0
30°	3	2	1	2	1	0	0
27.5°	3	2	2	2	1	0	0
25°	3	2	2	2	1	0	0
22.5°	3	2	2	2	1	0	0
20°	3	3	2	2	1	0	0
17.5°	3	3	2	2	1	0	0
15°	3	3	2	2	1	0	0
12.5°	3	3	2	2	1	0	0
10°	4	3	2	2	1	0	0
7.5°	4	3	2	2	1	0	0
5°	4	3	2	2	1	0	0
2.5°	4	3	2	2	1	0	0
0°	4	3	2	2	2	0	0
-2.5°	5	3	2	2	1	0	0
-5°	6	3	2	2	1	0	0
-7.5°	7	3	2	2	1	0	0
-10°	7	4	2	2	1	0	0
-12.5°	8	4	2	2	1	0	0
-15°	8	4	2	2	1	0	0
-17.5°	8	4	2	2	1	0	0
-20°	8	4	2	2	1	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P626786 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)