

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: P626686 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-740-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626686 (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-SA1C-740-U-MWR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (16) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5401.3 lumens  
Efficiency: N/A  
Efficacy: 124.2 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 7567.2 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 3617.8 lumens  
Beam Efficiency: 67.0%

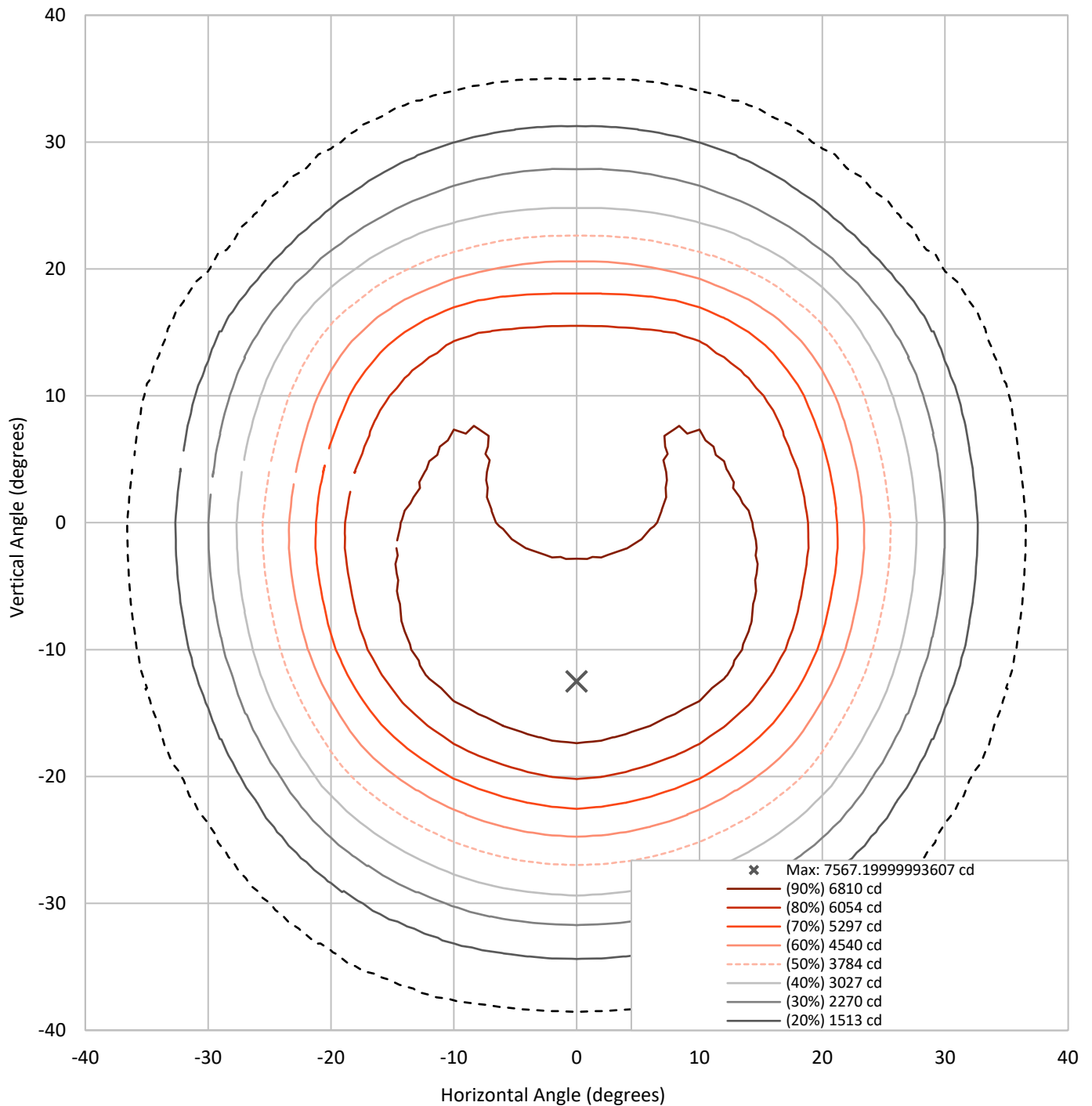
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 4871.1 lumens  
Field Efficiency: 90.2%

Input Watts (W): 43.5  
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: P626686 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1C-740-U-MWR-VSR-XX

### Iso-Candela Plot





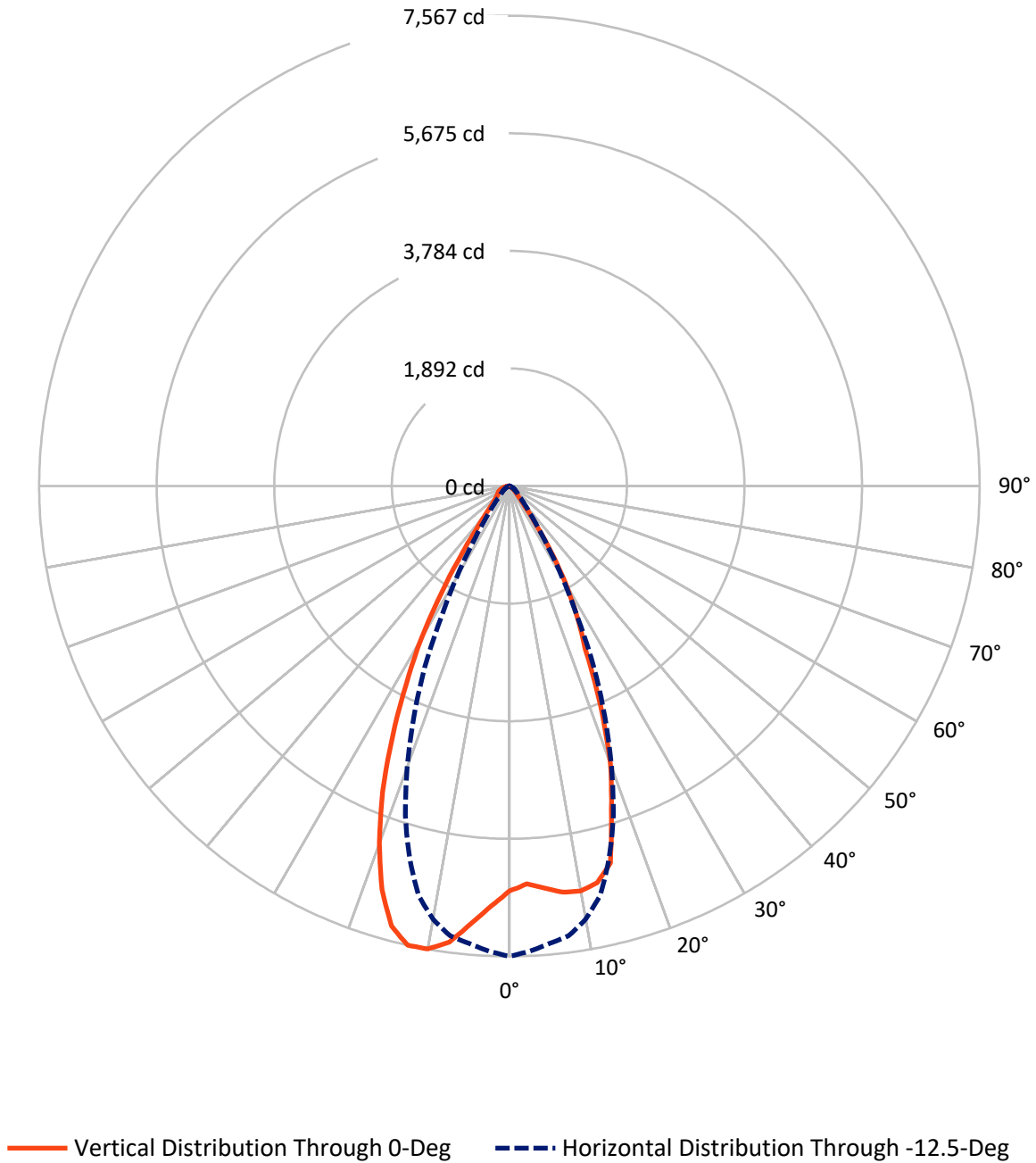
REPORT NUMBER: P626686 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table

90																								
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0									
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	0.4	0.7	1.0	1.2	1.2	1.0	0.7	0.4	0.2	0.0		0.0								
40	0.0	0.0	0.2	0.8	1.5	2.5	3.7	4.5	4.5	3.7	2.5	1.5	0.8	0.2	0.0	0.0								
30		0.1	0.6	1.6	3.2	7.0	15.9	24.3	24.3	15.9	7.0	3.2	1.6	0.6	0.1									
20	0.1	0.2	1.0	2.5	6.8	25.1	64.7	90.4	90.4	64.7	25.1	6.8	2.5	1.0	0.2	0.1								
10		0.4	1.4	3.9	16.1	69.7	145.5	180.1	180.1	145.5	69.7	16.1	3.9	1.4	0.4									
0	0.1	0.5	1.7	5.0	25.7	102.7	187.5	203.3	203.3	187.5	102.7	25.7	5.0	1.7	0.5	0.1								
-10		0.6	1.9	5.4	26.9	106.0	194.3	215.8	215.8	194.3	106.0	26.9	5.4	1.9	0.6									
-20	0.2	0.6	2.0	4.9	19.2	79.0	163.9	209.3	209.3	163.9	79.0	19.2	4.9	2.0	0.6	0.2								
-30		0.6	1.9	4.1	10.7	38.3	91.3	128.5	128.5	91.3	38.3	10.7	4.1	1.9	0.6									
-40	0.1	0.5	1.7	3.4	6.4	13.6	28.5	42.3	42.3	28.5	13.6	6.4	3.4	1.7	0.5	0.1								
-50		0.4	1.4	2.8	4.7	6.9	9.7	11.5	11.5	9.7	6.9	4.7	2.8	1.4	0.4									
-60	0.1	0.3	1.0	2.2	3.7	5.1	6.4	7.0	7.0	6.4	5.1	3.7	2.2	1.0	0.3	0.1								
-70		0.2	0.7	1.5	2.6	3.6	4.6	5.2	5.2	4.6	3.6	2.6	1.5	0.7	0.2									
-80	0.0	0.6	2.7	5.8	7.4	5.8	2.7	0.6	0.0															
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90					

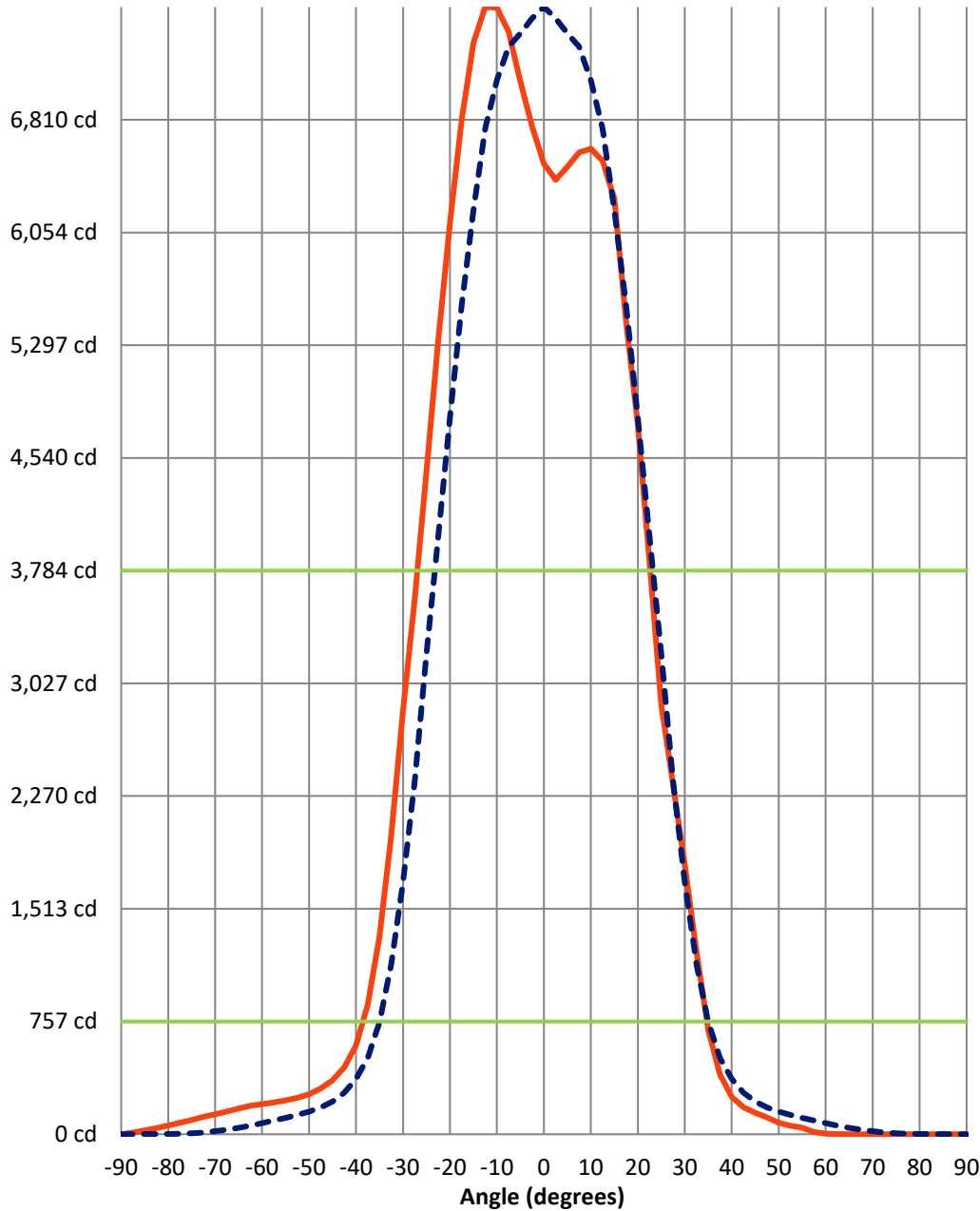
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 3617.8  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 4871.1  
 Efficiency: 90.2%

**Spill:**  
 Lumens: 530.3  
 Efficiency: 9.8%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	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	1	0	0	0	1	1	1
60°	0	0	0	1	1	0	0	1	1	1	1
57.5°	0	0	0	1	1	1	0	1	1	1	1
55°	0	0	0	1	1	1	1	1	1	1	1
52.5°	0	0	0	1	1	1	1	1	1	1	1
50°	0	0	0	1	1	1	1	1	1	1	1
47.5°	0	0	0	1	1	1	1	1	1	1	2
45°	0	0	0	1	1	1	1	1	1	2	2
42.5°	0	0	1	1	1	1	1	2	1	2	2
40°	0	0	1	1	1	1	2	2	2	2	3
37.5°	0	0	1	1	1	1	2	2	2	3	3
35°	0	0	1	1	1	1	2	2	2	4	5
32.5°	0	0	1	1	1	1	2	2	3	4	7
30°	0	0	1	1	1	2	2	2	3	5	10
27.5°	0	0	1	1	1	2	2	2	4	7	12
25°	0	0	1	1	1	2	2	3	5	8	14
22.5°	0	0	1	1	1	2	2	3	6	10	17
20°	0	0	1	1	1	2	2	4	7	12	20
17.5°	0	0	1	1	1	2	3	4	8	13	22
15°	0	0	1	1	1	2	3	5	9	15	25
12.5°	0	0	1	1	1	2	3	6	10	16	28
10°	0	0	1	1	1	2	3	6	11	18	30
7.5°	0	0	1	1	1	2	3	7	12	20	32
5°	0	0	1	1	1	2	3	8	13	22	34
2.5°	0	0	1	1	1	2	4	9	13	24	35
0°	0	0	1	1	1	3	4	10	14	26	36
-2.5°	0	0	1	1	1	3	4	10	15	27	38
-5°	0	0	1	1	1	3	5	11	17	28	40
-7.5°	0	0	1	1	2	3	6	11	18	29	41
-10°	0	0	1	1	2	3	6	11	20	30	42
-12.5°	0	0	1	1	2	3	6	11	21	31	43
-15°	0	0	1	1	2	3	7	11	21	31	43
-17.5°	0	0	1	1	2	3	7	12	21	31	43
-20°	0	0	1	1	2	3	7	12	20	31	43

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REPORT NUMBER: P626686 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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	1	2	3	7	12	20	30	42
-25°	0	0	1	1	2	3	7	13	20	30	40
-27.5°	0	0	1	1	2	4	7	13	19	29	39
-30°	0	0	1	1	2	4	7	12	19	28	38
-32.5°	0	0	1	1	2	4	7	12	19	27	36
-35°	0	0	1	1	2	4	7	12	18	26	35
-37.5°	0	0	1	1	2	4	7	11	17	25	34
-40°	0	0	1	1	2	4	7	11	16	24	34
-42.5°	0	0	1	1	2	4	7	10	16	23	32
-45°	0	0	1	1	2	4	7	10	15	22	31
-47.5°	0	0	1	1	2	4	6	10	14	20	29
-50°	0	0	1	1	2	4	6	9	13	19	27
-52.5°	0	0	1	1	2	4	6	9	13	18	24
-55°	0	0	1	1	2	4	6	8	12	17	23
-57.5°	0	0	1	1	2	4	6	8	11	16	21
-60°	0	0	1	1	2	3	5	8	11	15	20
-62.5°	0	0	1	1	2	3	5	7	10	14	18
-65°	0	0	1	1	2	3	4	6	9	12	16
-67.5°	0	0	1	1	2	3	4	6	8	11	14
-70°	0	0	1	1	2	3	4	5	7	9	12
-72.5°	0	0	1	1	2	3	3	4	6	8	10
-75°	0	0	1	1	2	2	3	4	5	7	8
-77.5°	0	0	1	1	2	2	3	3	4	5	7
-80°	0	0	0	1	1	2	3	3	4	4	5
-82.5°	0	0	0	1	1	1	2	3	3	4	4
-85°	0	0	0	0	1	1	1	2	2	3	3
-87.5°	0	0	0	0	0	0	1	1	1	1	2
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626686 (CONVERTED FROM TYPE C PHOTOMETRY)

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**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°	1	1	1	0	0	0	0	0	0	0	0
62.5°	1	1	1	0	1	1	1	0	0	0	0
60°	1	1	1	1	1	1	1	1	1	1	3
57.5°	1	1	1	1	1	1	2	2	4	7	8
55°	1	1	1	2	2	2	3	7	10	13	14
52.5°	1	1	2	2	3	5	9	13	16	18	22
50°	2	2	3	3	5	10	14	19	23	27	32
47.5°	2	3	4	5	10	16	21	27	32	38	44
45°	3	4	5	10	15	22	29	36	41	47	54
42.5°	3	6	9	14	22	30	38	43	49	56	64
40°	5	9	13	20	29	39	46	51	57	67	77
37.5°	8	12	17	26	37	46	53	60	69	80	92
35°	10	15	23	33	45	54	61	70	82	95	109
32.5°	13	18	29	40	51	61	69	82	95	109	128
30°	16	23	34	47	57	67	79	93	106	124	146
27.5°	19	28	40	52	63	73	89	103	117	138	164
25°	22	33	45	57	68	81	99	113	128	154	190
22.5°	26	38	51	62	73	90	108	126	146	172	216
20°	30	42	55	67	78	98	119	141	168	203	261
17.5°	34	46	60	73	86	106	130	156	190	234	319
15°	37	50	64	78	94	115	141	173	214	269	375
12.5°	40	53	68	84	101	123	151	186	234	313	446
10°	43	56	72	89	107	130	160	197	250	345	500
7.5°	46	59	76	94	113	137	167	206	265	370	541
5°	48	63	80	98	116	142	173	212	277	388	573
2.5°	49	66	82	101	119	146	178	219	289	403	601
0°	51	69	84	103	122	149	181	223	298	413	622
-2.5°	53	71	87	105	125	151	183	227	301	415	617
-5°	54	72	90	106	128	152	183	228	300	411	605
-7.5°	55	73	92	108	129	153	183	227	297	404	584
-10°	56	74	92	109	130	153	182	224	290	391	553
-12.5°	57	74	92	110	130	152	180	219	279	371	513
-15°	58	75	92	109	129	150	176	212	264	344	463
-17.5°	59	75	92	109	128	148	171	204	251	321	428
-20°	58	75	91	107	126	145	167	197	239	299	385

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CATALOG NUMBER: GFLD-SA1C-740-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°	58	74	90	105	124	143	163	190	225	273	343
-25°	57	73	89	104	121	140	158	181	212	255	313
-27.5°	55	72	87	103	118	136	153	174	201	234	281
-30°	52	70	85	100	116	132	149	167	190	219	256
-32.5°	49	67	82	97	113	128	144	161	181	205	234
-35°	47	64	80	94	109	124	139	155	171	192	217
-37.5°	46	61	77	90	105	119	134	148	164	181	203
-40°	45	58	74	87	100	114	128	142	156	173	190
-42.5°	43	56	70	84	96	109	123	136	150	166	182
-45°	41	53	67	79	92	104	117	130	143	158	173
-47.5°	39	50	63	74	87	99	111	124	136	150	164
-50°	36	47	59	69	80	93	105	117	129	141	154
-52.5°	33	43	54	65	75	85	98	110	122	134	145
-55°	30	39	49	60	69	79	90	102	114	125	137
-57.5°	27	35	44	54	64	73	84	94	106	117	128
-60°	25	31	39	49	58	68	77	87	98	109	118
-62.5°	23	28	35	42	51	61	70	79	89	98	107
-65°	21	25	30	37	44	52	61	70	79	87	95
-67.5°	18	22	26	31	38	45	52	60	68	76	83
-70°	16	19	23	27	32	37	44	50	57	64	71
-72.5°	13	16	19	23	27	32	37	42	48	54	60
-75°	11	13	16	19	22	26	30	35	40	44	49
-77.5°	8	11	13	15	17	21	24	28	31	35	39
-80°	7	8	10	12	14	16	18	20	23	26	30
-82.5°	5	6	7	8	10	11	13	15	17	19	21
-85°	4	4	5	6	6	7	8	9	11	12	13
-87.5°	2	2	3	3	3	4	4	4	5	6	6
-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°	0	0	0	0	0	0	1	1	1	1	1
60°	3	2	3	4	4	3	4	5	5	4	4
57.5°	9	9	11	13	14	15	16	17	18	19	19
55°	16	19	22	24	27	31	34	35	35	36	38
52.5°	26	29	31	34	39	43	44	47	50	53	56
50°	37	40	44	49	54	57	58	63	69	74	77
47.5°	49	53	60	68	72	76	81	88	95	102	108
45°	60	67	76	83	89	95	102	110	121	131	139
42.5°	72	80	89	98	104	115	127	136	152	165	174
40°	86	95	107	118	131	144	165	185	204	227	243
37.5°	103	116	134	151	170	190	228	266	298	341	366
35°	124	144	169	195	226	274	328	402	479	543	605
32.5°	148	174	208	254	306	383	465	601	734	867	997
30°	171	209	262	324	410	532	687	897	1125	1325	1506
27.5°	203	256	324	418	564	743	1028	1321	1611	1871	2057
25°	241	312	409	564	774	1071	1454	1812	2153	2408	2622
22.5°	296	402	540	737	1119	1531	1990	2441	2824	3144	3355
20°	363	508	738	1096	1545	2060	2650	3125	3596	3957	4279
17.5°	459	689	1014	1469	2005	2693	3300	3829	4428	4797	5125
15°	545	841	1304	1884	2513	3241	3958	4606	5184	5589	5956
12.5°	654	1003	1535	2217	2905	3716	4461	5155	5721	6137	6394
10°	752	1168	1765	2479	3248	4096	4868	5590	6139	6461	6650
7.5°	831	1306	1952	2703	3515	4368	5184	5901	6425	6695	6824
5°	892	1408	2098	2886	3730	4603	5435	6137	6579	6802	6874
2.5°	938	1479	2197	3007	3876	4777	5626	6318	6695	6856	6880
0°	969	1529	2261	3083	4000	4839	5730	6432	6790	6920	6932
-2.5°	962	1511	2258	3056	3986	4867	5746	6439	6823	6996	7025
-5°	942	1468	2183	2978	3872	4755	5593	6325	6796	7058	7174
-7.5°	904	1395	2055	2828	3689	4572	5427	6186	6728	7097	7324
-10°	840	1287	1891	2639	3487	4329	5174	5962	6546	6989	7305
-12.5°	752	1142	1691	2371	3224	4010	4810	5565	6202	6749	7076
-15°	662	990	1484	2106	2848	3622	4362	5102	5731	6243	6650
-17.5°	597	857	1243	1788	2440	3174	3895	4576	5143	5624	6051
-20°	515	709	1014	1472	2046	2688	3379	3985	4491	4942	5350



REPORT NUMBER: P626686 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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°	450	607	828	1140	1656	2222	2787	3345	3821	4222	4571
-25°	391	501	674	928	1263	1752	2228	2699	3139	3512	3826
-27.5°	345	432	547	728	983	1268	1685	2079	2457	2798	3094
-30°	303	368	458	571	744	956	1207	1502	1803	2073	2341
-32.5°	273	319	381	465	562	714	865	1063	1254	1451	1644
-35°	245	283	325	381	448	536	636	757	859	988	1106
-37.5°	227	253	285	321	368	418	485	559	622	694	754
-40°	211	232	254	278	310	344	387	429	469	513	545
-42.5°	198	215	231	249	268	295	325	350	375	400	422
-45°	188	201	213	228	242	262	282	302	317	332	343
-47.5°	177	188	200	211	223	237	251	263	276	287	295
-50°	166	177	188	197	208	219	230	240	249	257	262
-52.5°	156	167	177	186	195	204	213	222	230	238	241
-55°	148	158	169	176	184	192	200	208	216	223	225
-57.5°	139	150	160	167	174	181	188	196	203	210	212
-60°	129	140	149	156	163	170	177	184	191	197	199
-62.5°	117	127	135	142	148	154	162	169	177	182	186
-65°	103	111	119	126	132	138	145	152	159	164	167
-67.5°	90	97	103	109	116	122	128	135	141	145	148
-70°	78	84	90	96	101	107	112	117	123	126	129
-72.5°	66	71	76	81	86	91	96	100	105	108	111
-75°	54	59	63	68	72	76	79	83	86	89	92
-77.5°	43	47	50	54	58	61	63	66	69	71	74
-80°	33	36	38	41	44	46	48	50	52	54	56
-82.5°	24	25	27	29	31	32	34	35	37	38	40
-85°	15	16	17	18	19	20	21	22	23	24	24
-87.5°	7	8	8	9	9	9	10	10	11	11	12
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626686 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-740-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	1	1	1	1	1	1	1	1
60°	4	4	4	4	4	4	4	4	4	5	5
57.5°	19	17	16	15	16	17	19	19	19	18	17
55°	41	43	44	43	44	43	41	38	36	35	35
52.5°	58	59	58	57	58	59	58	56	53	50	47
50°	79	79	78	77	78	79	79	77	74	69	63
47.5°	111	112	113	113	113	112	111	108	102	95	88
45°	142	144	144	144	144	144	142	139	131	121	110
42.5°	178	181	182	181	182	181	178	174	165	152	136
40°	253	256	255	251	255	256	253	243	227	204	185
37.5°	383	395	401	401	401	395	383	366	341	298	266
35°	661	705	725	700	725	705	661	605	543	479	402
32.5°	1103	1182	1226	1226	1226	1182	1103	997	867	734	601
30°	1643	1741	1796	1808	1796	1741	1643	1506	1325	1125	897
27.5°	2202	2304	2356	2349	2356	2304	2202	2057	1871	1611	1321
25°	2764	2840	2885	2886	2885	2840	2764	2622	2408	2153	1812
22.5°	3593	3754	3821	3839	3821	3754	3593	3355	3144	2824	2441
20°	4497	4654	4755	4761	4755	4654	4497	4279	3957	3596	3125
17.5°	5358	5436	5450	5457	5450	5436	5358	5125	4797	4428	3829
15°	6170	6197	6269	6278	6269	6197	6170	5956	5589	5184	4606
12.5°	6556	6581	6568	6535	6568	6581	6556	6394	6137	5721	5155
10°	6766	6731	6678	6616	6678	6731	6766	6650	6461	6139	5590
7.5°	6813	6774	6682	6591	6682	6774	6813	6824	6695	6425	5901
5°	6836	6722	6605	6494	6605	6722	6836	6874	6802	6579	6137
2.5°	6823	6686	6527	6407	6527	6686	6823	6880	6856	6695	6318
0°	6866	6728	6561	6516	6561	6728	6866	6932	6920	6790	6432
-2.5°	6987	6876	6788	6764	6788	6876	6987	7025	6996	6823	6439
-5°	7205	7181	7032	7067	7032	7181	7205	7174	7058	6796	6325
-7.5°	7416	7381	7318	7400	7318	7381	7416	7324	7097	6728	6186
-10°	7472	7461	7490	7562	7490	7461	7472	7305	6989	6546	5962
-12.5°	7300	7390	7491	7567	7491	7390	7300	7076	6749	6202	5565
-15°	6918	7102	7252	7324	7252	7102	6918	6650	6243	5731	5102
-17.5°	6354	6579	6758	6809	6758	6579	6354	6051	5624	5143	4576
-20°	5660	5889	6052	6117	6052	5889	5660	5350	4942	4491	3985

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REPORT NUMBER: P626686 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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°	4879	5103	5250	5328	5250	5103	4879	4571	4222	3821	3345
-25°	4086	4283	4414	4448	4414	4283	4086	3826	3512	3139	2699
-27.5°	3328	3486	3583	3593	3583	3486	3328	3094	2798	2457	2079
-30°	2565	2712	2796	2840	2796	2712	2565	2341	2073	1803	1502
-32.5°	1801	1918	1989	2008	1989	1918	1801	1644	1451	1254	1063
-35°	1201	1274	1319	1328	1319	1274	1201	1106	988	859	757
-37.5°	803	839	860	871	860	839	803	754	694	622	559
-40°	569	586	595	597	595	586	569	545	513	469	429
-42.5°	435	444	448	449	448	444	435	422	400	375	350
-45°	352	358	361	362	361	358	352	343	332	317	302
-47.5°	301	305	307	308	307	305	301	295	287	276	263
-50°	265	267	268	268	268	267	265	262	257	249	240
-52.5°	243	245	245	244	245	245	243	241	238	230	222
-55°	227	228	228	227	228	228	227	225	223	216	208
-57.5°	214	215	215	213	215	215	214	212	210	203	196
-60°	201	203	203	202	203	203	201	199	197	191	184
-62.5°	189	191	192	191	192	191	189	186	182	177	169
-65°	171	174	174	173	174	174	171	167	164	159	152
-67.5°	151	153	153	153	153	153	151	148	145	141	135
-70°	132	134	134	134	134	134	132	129	126	123	117
-72.5°	114	116	116	117	116	116	114	111	108	105	100
-75°	94	96	96	96	96	96	94	92	89	86	83
-77.5°	76	78	77	77	77	78	76	74	71	69	66
-80°	58	59	59	58	59	59	58	56	54	52	50
-82.5°	41	42	42	41	42	42	41	40	38	37	35
-85°	25	26	26	26	26	26	25	24	24	23	22
-87.5°	12	12	12	11	12	12	12	12	11	11	10
-90°	0	0	0	0	0	0	0	0	0	0	0

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

Scaled Data Report



REPORT NUMBER: P626686 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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	0	0	0	0	0	0	0	0
60°	4	3	4	4	3	2	3	3	1	1	1
57.5°	16	15	14	13	11	9	9	8	7	4	2
55°	34	31	27	24	22	19	16	14	13	10	7
52.5°	44	43	39	34	31	29	26	22	18	16	13
50°	58	57	54	49	44	40	37	32	27	23	19
47.5°	81	76	72	68	60	53	49	44	38	32	27
45°	102	95	89	83	76	67	60	54	47	41	36
42.5°	127	115	104	98	89	80	72	64	56	49	43
40°	165	144	131	118	107	95	86	77	67	57	51
37.5°	228	190	170	151	134	116	103	92	80	69	60
35°	328	274	226	195	169	144	124	109	95	82	70
32.5°	465	383	306	254	208	174	148	128	109	95	82
30°	687	532	410	324	262	209	171	146	124	106	93
27.5°	1028	743	564	418	324	256	203	164	138	117	103
25°	1454	1071	774	564	409	312	241	190	154	128	113
22.5°	1990	1531	1119	737	540	402	296	216	172	146	126
20°	2650	2060	1545	1096	738	508	363	261	203	168	141
17.5°	3300	2693	2005	1469	1014	689	459	319	234	190	156
15°	3958	3241	2513	1884	1304	841	545	375	269	214	173
12.5°	4461	3716	2905	2217	1535	1003	654	446	313	234	186
10°	4868	4096	3248	2479	1765	1168	752	500	345	250	197
7.5°	5184	4368	3515	2703	1952	1306	831	541	370	265	206
5°	5435	4603	3730	2886	2098	1408	892	573	388	277	212
2.5°	5626	4777	3876	3007	2197	1479	938	601	403	289	219
0°	5730	4839	4000	3083	2261	1529	969	622	413	298	223
-2.5°	5746	4867	3986	3056	2258	1511	962	617	415	301	227
-5°	5593	4755	3872	2978	2183	1468	942	605	411	300	228
-7.5°	5427	4572	3689	2828	2055	1395	904	584	404	297	227
-10°	5174	4329	3487	2639	1891	1287	840	553	391	290	224
-12.5°	4810	4010	3224	2371	1691	1142	752	513	371	279	219
-15°	4362	3622	2848	2106	1484	990	662	463	344	264	212
-17.5°	3895	3174	2440	1788	1243	857	597	428	321	251	204
-20°	3379	2688	2046	1472	1014	709	515	385	299	239	197

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REPORT NUMBER: P626686 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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°	2787	2222	1656	1140	828	607	450	343	273	225	190
-25°	2228	1752	1263	928	674	501	391	313	255	212	181
-27.5°	1685	1268	983	728	547	432	345	281	234	201	174
-30°	1207	956	744	571	458	368	303	256	219	190	167
-32.5°	865	714	562	465	381	319	273	234	205	181	161
-35°	636	536	448	381	325	283	245	217	192	171	155
-37.5°	485	418	368	321	285	253	227	203	181	164	148
-40°	387	344	310	278	254	232	211	190	173	156	142
-42.5°	325	295	268	249	231	215	198	182	166	150	136
-45°	282	262	242	228	213	201	188	173	158	143	130
-47.5°	251	237	223	211	200	188	177	164	150	136	124
-50°	230	219	208	197	188	177	166	154	141	129	117
-52.5°	213	204	195	186	177	167	156	145	134	122	110
-55°	200	192	184	176	169	158	148	137	125	114	102
-57.5°	188	181	174	167	160	150	139	128	117	106	94
-60°	177	170	163	156	149	140	129	118	109	98	87
-62.5°	162	154	148	142	135	127	117	107	98	89	79
-65°	145	138	132	126	119	111	103	95	87	79	70
-67.5°	128	122	116	109	103	97	90	83	76	68	60
-70°	112	107	101	96	90	84	78	71	64	57	50
-72.5°	96	91	86	81	76	71	66	60	54	48	42
-75°	79	76	72	68	63	59	54	49	44	40	35
-77.5°	63	61	58	54	50	47	43	39	35	31	28
-80°	48	46	44	41	38	36	33	30	26	23	20
-82.5°	34	32	31	29	27	25	24	21	19	17	15
-85°	21	20	19	18	17	16	15	13	12	11	9
-87.5°	10	9	9	9	8	8	7	6	6	5	4
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626686 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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	0	0	0	0	0	0	0
65°	0	0	0	0	1	1	1	0	0	0	0
62.5°	1	1	1	0	1	1	1	1	1	1	0
60°	1	1	1	1	1	1	1	1	1	1	1
57.5°	2	1	1	1	1	1	1	1	1	1	1
55°	3	2	2	2	1	1	1	1	1	1	1
52.5°	9	5	3	2	2	1	1	1	1	1	1
50°	14	10	5	3	3	2	2	1	1	1	1
47.5°	21	16	10	5	4	3	2	2	1	1	1
45°	29	22	15	10	5	4	3	2	2	1	1
42.5°	38	30	22	14	9	6	3	2	2	1	2
40°	46	39	29	20	13	9	5	3	2	2	2
37.5°	53	46	37	26	17	12	8	3	3	2	2
35°	61	54	45	33	23	15	10	5	4	2	2
32.5°	69	61	51	40	29	18	13	7	4	3	2
30°	79	67	57	47	34	23	16	10	5	3	2
27.5°	89	73	63	52	40	28	19	12	7	4	2
25°	99	81	68	57	45	33	22	14	8	5	3
22.5°	108	90	73	62	51	38	26	17	10	6	3
20°	119	98	78	67	55	42	30	20	12	7	4
17.5°	130	106	86	73	60	46	34	22	13	8	4
15°	141	115	94	78	64	50	37	25	15	9	5
12.5°	151	123	101	84	68	53	40	28	16	10	6
10°	160	130	107	89	72	56	43	30	18	11	6
7.5°	167	137	113	94	76	59	46	32	20	12	7
5°	173	142	116	98	80	63	48	34	22	13	8
2.5°	178	146	119	101	82	66	49	35	24	13	9
0°	181	149	122	103	84	69	51	36	26	14	10
-2.5°	183	151	125	105	87	71	53	38	27	15	10
-5°	183	152	128	106	90	72	54	40	28	17	11
-7.5°	183	153	129	108	92	73	55	41	29	18	11
-10°	182	153	130	109	92	74	56	42	30	20	11
-12.5°	180	152	130	110	92	74	57	43	30	21	11
-15°	176	150	129	109	92	75	58	43	31	21	11
-17.5°	171	148	128	109	92	75	59	43	31	21	12
-20°	167	145	126	107	91	75	58	43	31	20	12

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REPORT NUMBER: P626686 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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°	163	143	124	105	90	74	58	42	30	20	12
-25°	158	140	121	104	89	73	57	40	30	20	13
-27.5°	153	136	118	103	87	72	55	39	29	19	13
-30°	149	132	116	100	85	70	52	38	28	19	12
-32.5°	144	128	113	97	82	67	49	36	27	19	12
-35°	139	124	109	94	80	64	47	35	26	18	12
-37.5°	134	119	105	90	77	61	46	34	25	17	11
-40°	128	114	100	87	74	58	45	34	24	16	11
-42.5°	123	109	96	84	70	56	43	32	23	16	10
-45°	117	104	92	79	67	53	41	31	22	15	10
-47.5°	111	99	87	74	63	50	39	29	20	14	10
-50°	105	93	80	69	59	47	36	27	19	13	9
-52.5°	98	85	75	65	54	43	33	24	18	13	9
-55°	90	79	69	60	49	39	30	23	17	12	8
-57.5°	84	73	64	54	44	35	27	21	16	11	8
-60°	77	68	58	49	39	31	25	20	15	11	8
-62.5°	70	61	51	42	35	28	23	18	14	10	7
-65°	61	52	44	37	30	25	21	16	12	9	6
-67.5°	52	45	38	31	26	22	18	14	11	8	6
-70°	44	37	32	27	23	19	16	12	9	7	5
-72.5°	37	32	27	23	19	16	13	10	8	6	4
-75°	30	26	22	19	16	13	11	8	7	5	4
-77.5°	24	21	17	15	13	11	8	7	5	4	3
-80°	18	16	14	12	10	8	7	5	4	4	3
-82.5°	13	11	10	8	7	6	5	4	4	3	3
-85°	8	7	6	6	5	4	4	3	3	2	2
-87.5°	4	4	3	3	3	2	2	2	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: P626686 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-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	0	0	0	0	0	0
62.5°	0	0	1	0	0	0	0
60°	0	0	1	1	0	0	0
57.5°	0	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°	1	1	1	1	0	0	0
45°	1	1	1	1	0	0	0
42.5°	1	1	1	1	1	0	0
40°	2	1	1	1	1	0	0
37.5°	2	1	1	1	1	0	0
35°	2	1	1	1	1	0	0
32.5°	2	1	1	1	1	0	0
30°	2	2	1	1	1	0	0
27.5°	2	2	1	1	1	0	0
25°	2	2	1	1	1	0	0
22.5°	2	2	1	1	1	0	0
20°	2	2	1	1	1	0	0
17.5°	3	2	1	1	1	0	0
15°	3	2	1	1	1	0	0
12.5°	3	2	1	1	1	0	0
10°	3	2	1	1	1	0	0
7.5°	3	2	1	1	1	0	0
5°	3	2	1	1	1	0	0
2.5°	4	2	1	1	1	0	0
0°	4	3	1	1	1	0	0
-2.5°	4	3	1	1	1	0	0
-5°	5	3	1	1	1	0	0
-7.5°	6	3	2	1	1	0	0
-10°	6	3	2	1	1	0	0
-12.5°	6	3	2	1	1	0	0
-15°	7	3	2	1	1	0	0
-17.5°	7	3	2	1	1	0	0
-20°	7	3	2	1	1	0	0

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CATALOG NUMBER: GFLD-SA1C-740-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)