

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: P626924 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626924 (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-SA2C-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: 11377.2 lumens  
Efficiency: N/A  
Efficacy: 137.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 40113.8 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 5688.7 lumens  
Beam Efficiency: 50.0%

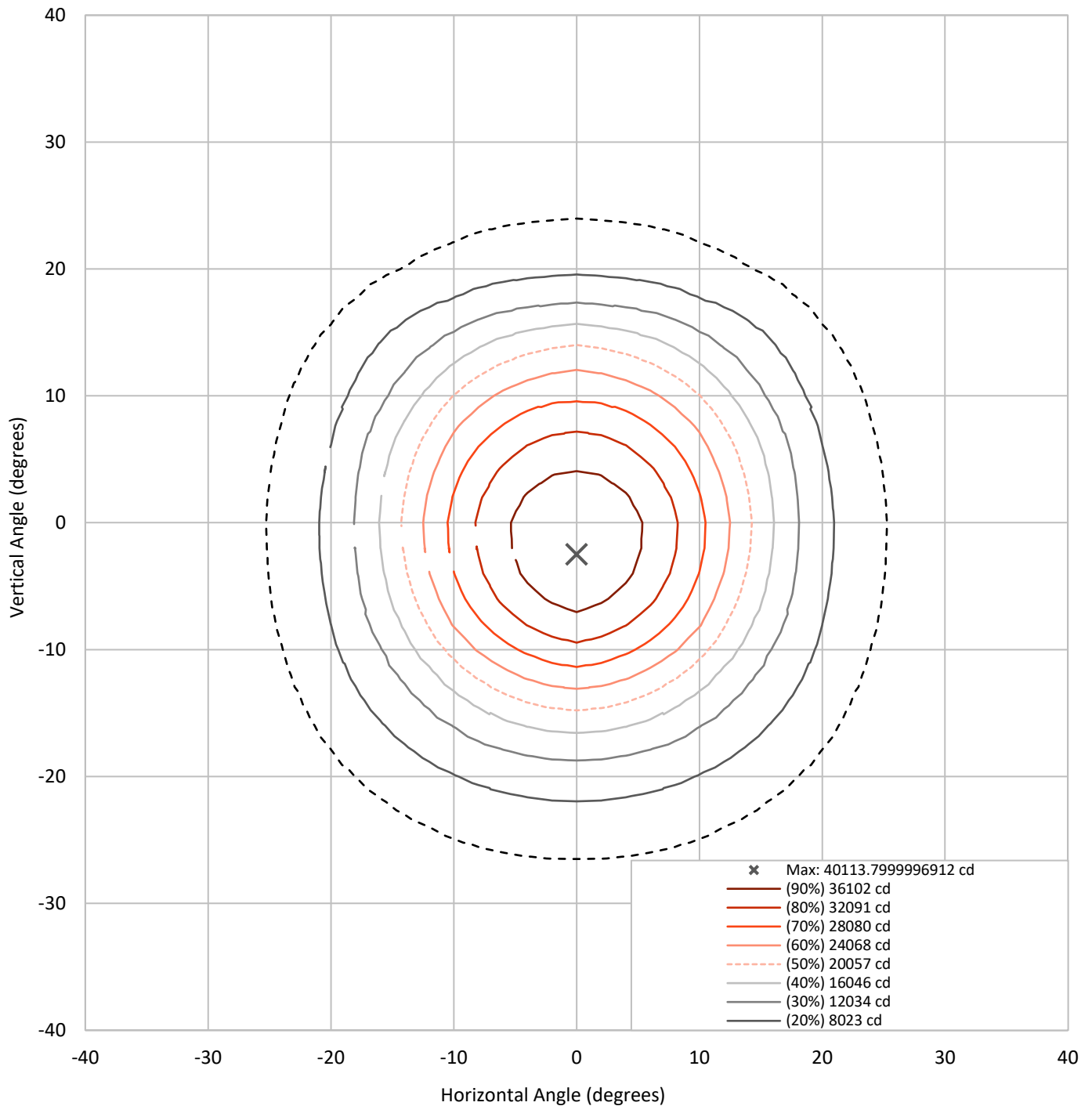
Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 9775.1 lumens  
Field Efficiency: 85.9%

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



REPORT NUMBER: P626924 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Iso-Candela Plot





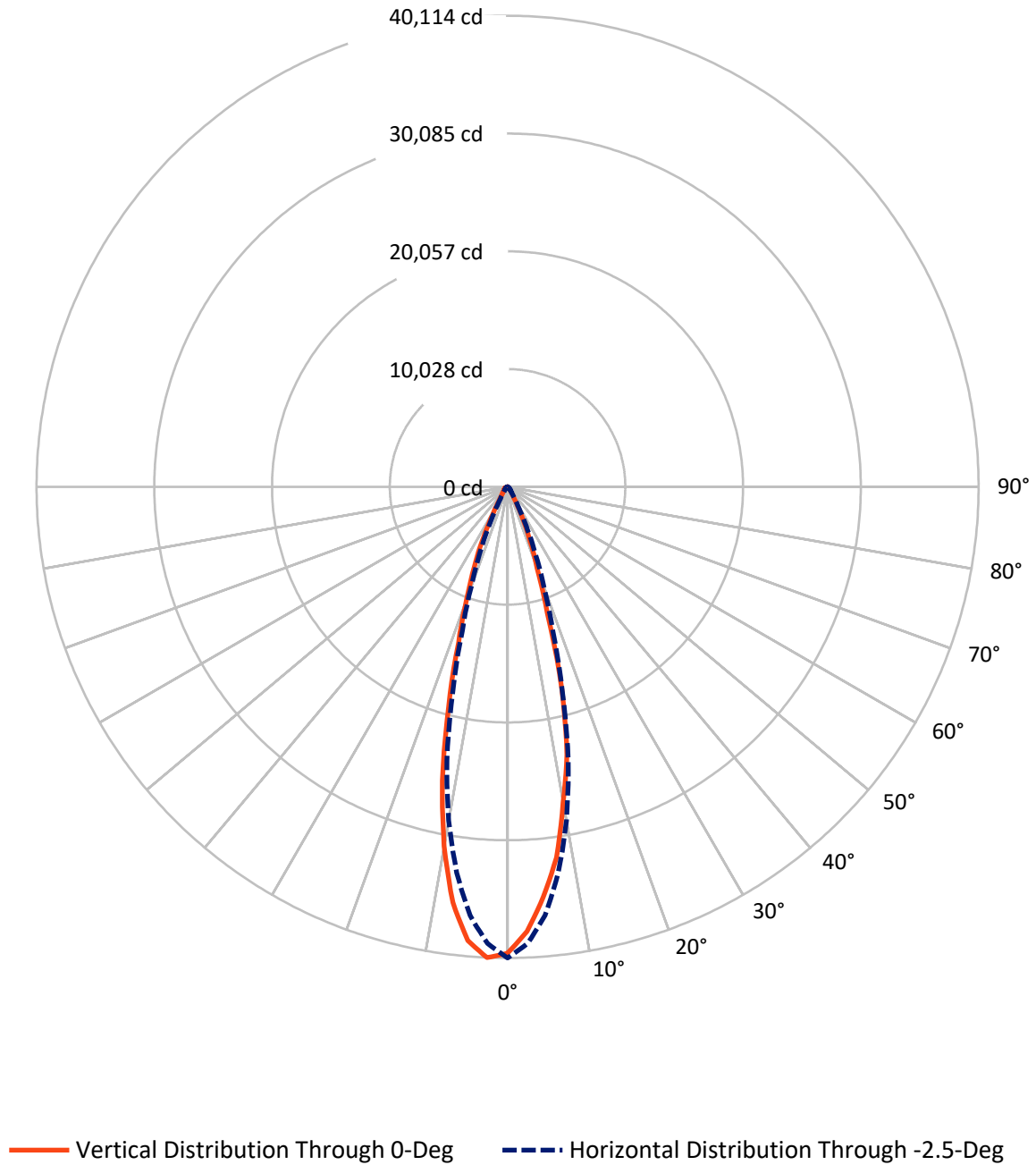
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### Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0					
70																			
60	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0			
50		0.0	0.1	0.3	0.8	1.3	1.8	2.1	2.1	1.8	1.3	0.8	0.3	0.1	0.0				
40	0.0	0.1	0.4	1.2	2.4	3.7	5.2	6.1	6.1	5.2	3.7	2.4	1.2	0.4	0.1	0.0			
30		0.2	1.0	2.4	4.5	7.3	12.3	16.4	16.4	12.3	7.3	4.5	2.4	1.0	0.2				
20	0.1	0.4	1.5	3.7	7.1	17.2	54.0	99.0	99.0	54.0	17.2	7.1	3.7	1.5	0.4	0.1			
10		0.6	2.1	5.1	12.1	59.3	240.9	471.8	471.8	240.9	59.3	12.1	5.1	2.1	0.6				
0	0.2	0.7	2.6	6.0	17.4	112.9	486.5	953.6	953.6	486.5	112.9	17.4	6.0	2.6	0.7	0.2			
-10		0.8	2.8	6.4	18.6	118.3	499.2	1011.1	1011.1	499.2	118.3	18.6	6.4	2.8	0.8				
-20	0.2	0.9	2.9	6.2	15.3	72.7	276.0	535.1	535.1	276.0	72.7	15.3	6.2	2.9	0.9	0.2			
-30		0.8	2.7	5.7	11.2	28.2	85.5	152.5	152.5	85.5	28.2	11.2	5.7	2.7	0.8				
-40	0.2	0.7	2.4	4.9	8.5	13.9	22.7	30.4	30.4	22.7	13.9	8.5	4.9	2.4	0.7	0.2			
-50		0.6	2.0	4.1	6.7	9.6	12.6	14.2	14.2	12.6	9.6	6.7	4.1	2.0	0.6				
-60	0.1	0.5	1.5	3.2	5.2	7.3	9.1	9.9	9.9	9.1	7.3	5.2	3.2	1.5	0.5	0.1			
-70		0.3	0.9	2.1	3.5	5.0	6.2	6.9	6.9	6.2	5.0	3.5	2.1	0.9	0.3				
-80	0.0	0.7		3.4		7.3		9.2		7.3		3.4		0.7		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

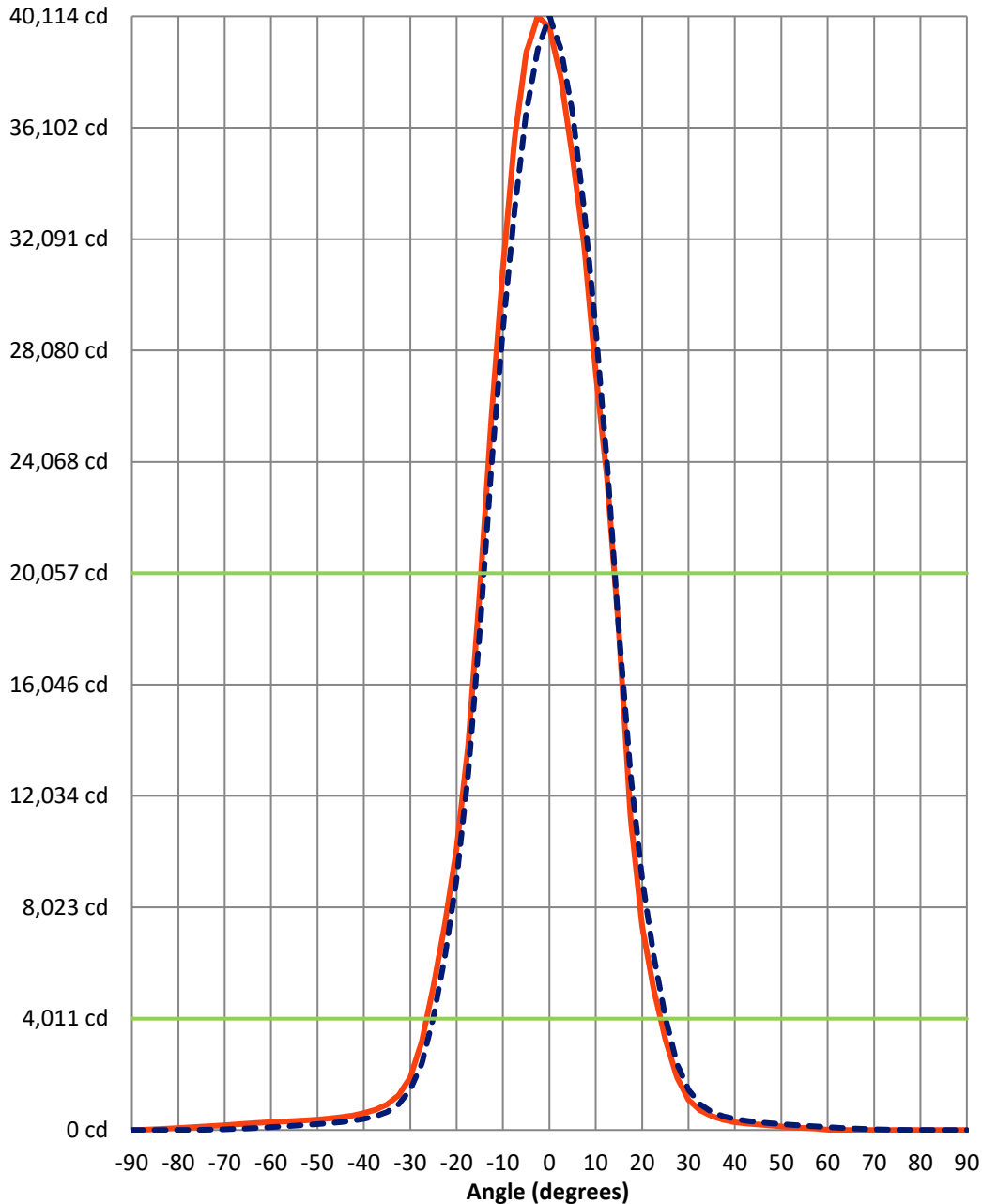
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 5688.7  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 9775.1  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 1602.1  
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through -2.5-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	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	0	1	1
55°	0	0	0	0	0	0	0	0	1	2	1
52.5°	0	0	0	0	0	0	0	1	2	2	1
50°	0	0	0	0	0	0	1	1	2	2	2
47.5°	0	0	0	0	0	1	1	2	2	2	2
45°	0	0	0	0	0	1	1	2	3	2	2
42.5°	0	0	0	0	0	1	2	3	3	2	4
40°	0	0	0	0	0	1	2	3	3	3	6
37.5°	0	0	0	0	0	2	2	3	3	4	8
35°	0	0	0	0	1	2	2	3	4	6	11
32.5°	0	0	0	0	1	2	3	3	5	8	14
30°	0	0	0	0	1	2	3	3	6	11	17
27.5°	0	0	0	0	1	2	3	3	7	13	20
25°	0	0	0	0	2	2	3	4	9	15	24
22.5°	0	0	0	0	2	3	3	5	11	18	28
20°	0	0	0	0	2	3	3	6	12	21	32
17.5°	0	0	0	0	2	3	3	7	14	24	36
15°	0	0	0	0	2	3	3	9	15	27	40
12.5°	0	0	0	0	2	3	3	10	17	29	43
10°	0	0	0	0	2	3	4	11	18	32	46
7.5°	0	0	0	0	2	3	4	12	19	34	49
5°	0	0	0	0	2	3	4	13	21	37	51
2.5°	0	0	0	0	2	3	5	14	22	39	54
0°	0	0	0	0	3	3	5	15	23	40	56
-2.5°	0	0	0	0	2	3	6	16	25	42	57
-5°	0	0	0	0	2	3	7	16	27	43	58
-7.5°	0	0	0	0	2	3	8	16	29	44	59
-10°	0	0	0	1	2	4	9	16	30	45	60
-12.5°	0	0	0	1	2	4	9	16	31	45	61
-15°	0	0	0	1	2	4	10	16	31	46	63
-17.5°	0	0	0	1	2	4	10	17	31	46	63
-20°	0	0	0	1	2	4	10	18	30	46	63

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REPORT NUMBER: P626924 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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	4	10	18	30	46	62
-25°	0	0	0	1	2	4	11	19	29	45	61
-27.5°	0	0	0	1	2	5	11	19	28	43	59
-30°	0	0	0	1	3	5	10	19	28	42	58
-32.5°	0	0	0	1	3	5	10	19	28	40	55
-35°	0	0	0	1	3	5	10	18	27	39	52
-37.5°	0	0	0	1	3	5	10	18	27	37	51
-40°	0	0	0	1	3	5	10	17	26	36	50
-42.5°	0	0	0	1	3	5	10	17	25	35	48
-45°	0	0	0	0	3	6	9	16	24	33	46
-47.5°	0	0	0	0	3	5	9	15	23	31	43
-50°	0	0	0	0	3	5	9	14	22	30	40
-52.5°	0	0	0	0	3	5	8	13	20	28	37
-55°	0	0	0	1	2	5	8	12	18	26	34
-57.5°	0	0	0	1	2	5	7	11	17	23	31
-60°	0	0	0	1	2	4	7	10	15	21	28
-62.5°	0	0	0	1	2	4	6	9	13	18	25
-65°	0	0	0	1	2	3	6	8	12	16	22
-67.5°	0	0	0	1	2	3	5	7	10	15	19
-70°	0	0	0	1	2	3	5	7	9	12	17
-72.5°	0	0	0	0	1	3	4	6	8	10	14
-75°	0	0	0	0	1	2	4	5	6	8	11
-77.5°	0	0	0	0	1	2	3	4	5	6	8
-80°	0	0	0	0	1	2	3	3	4	5	6
-82.5°	0	0	0	0	1	1	2	2	3	3	4
-85°	0	0	0	0	0	1	1	2	2	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





REPORT NUMBER: P626924 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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	1	0	1	1
60°	0	0	0	1	1	1	1	2	2	2	5
57.5°	0	1	1	1	2	3	4	5	8	12	14
55°	1	2	2	2	4	6	8	13	17	22	27
52.5°	2	3	2	4	7	11	16	22	29	34	38
50°	2	3	3	8	13	18	26	34	40	45	52
47.5°	3	4	8	13	19	28	38	45	51	60	70
45°	5	7	12	19	28	40	49	55	65	76	87
42.5°	7	11	18	25	39	50	59	68	79	91	103
40°	10	15	24	36	49	60	71	82	93	107	119
37.5°	13	21	31	45	59	71	84	96	110	124	139
35°	16	27	39	54	68	83	97	111	128	144	160
32.5°	20	33	47	62	78	94	109	128	145	163	183
30°	26	39	54	71	87	104	124	144	161	181	203
27.5°	32	45	61	78	95	114	138	158	177	198	222
25°	37	51	68	86	104	126	151	171	191	215	243
22.5°	42	57	76	92	112	138	163	186	209	232	265
20°	47	64	83	101	121	149	175	201	227	257	294
17.5°	52	70	90	110	132	160	188	217	246	282	327
15°	56	75	97	118	142	171	200	232	266	308	360
12.5°	60	81	103	126	152	180	211	244	284	334	399
10°	64	85	110	133	159	189	221	255	297	352	427
7.5°	68	90	116	140	166	197	229	264	309	367	450
5°	71	94	120	145	172	203	235	272	318	379	469
2.5°	74	98	124	148	176	207	240	277	324	390	483
0°	76	101	126	151	179	210	242	280	328	399	492
-2.5°	78	104	129	155	183	212	245	283	333	402	495
-5°	80	107	131	157	185	214	247	285	335	402	496
-7.5°	81	109	133	159	187	216	248	286	336	401	495
-10°	82	110	134	160	189	217	248	285	334	397	487
-12.5°	84	110	135	161	189	217	247	283	329	389	472
-15°	85	110	135	161	189	217	245	279	322	380	451
-17.5°	85	110	134	159	187	216	242	274	315	369	437
-20°	85	109	133	157	185	213	240	271	309	356	418

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CATALOG NUMBER: GFLD-SA2C-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°	84	109	131	155	182	209	236	265	301	341	396
-25°	83	107	130	153	178	204	231	258	292	330	377
-27.5°	81	105	127	150	173	199	225	252	282	317	358
-30°	78	102	124	146	170	193	218	244	272	304	341
-32.5°	74	99	120	142	165	188	210	235	262	290	323
-35°	71	94	116	137	160	182	203	225	251	278	305
-37.5°	69	89	111	131	153	175	195	216	239	264	290
-40°	66	85	106	125	145	167	187	205	226	251	276
-42.5°	63	81	100	120	138	158	178	196	216	239	262
-45°	61	77	95	114	132	150	169	188	207	227	249
-47.5°	57	73	90	107	125	143	159	178	197	216	235
-50°	53	69	84	100	117	135	152	168	185	204	223
-52.5°	49	64	78	92	108	125	143	159	174	190	208
-55°	44	58	71	85	99	115	131	148	164	179	194
-57.5°	40	51	64	78	90	104	120	135	151	166	181
-60°	36	45	57	69	82	94	108	122	137	151	165
-62.5°	32	40	50	60	72	85	97	110	123	135	148
-65°	28	35	43	52	62	73	85	97	109	119	128
-67.5°	24	30	36	44	53	62	71	82	93	102	111
-70°	21	25	30	37	44	51	59	68	76	84	93
-72.5°	17	21	25	29	35	42	49	55	62	69	76
-75°	14	17	20	24	28	33	39	45	51	56	62
-77.5°	11	13	16	19	22	26	30	35	40	44	49
-80°	8	10	12	15	17	19	22	25	29	32	36
-82.5°	5	7	9	10	12	13	15	17	19	22	24
-85°	3	4	5	6	7	8	8	9	11	12	14
-87.5°	1	2	2	3	3	3	3	4	4	5	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626924 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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	1	1	0	0	0
62.5°	1	1	2	3	3	3	3	3	3	3	3
60°	6	6	10	12	11	9	12	14	14	12	12
57.5°	18	22	25	27	30	35	37	36	37	38	43
55°	31	34	37	42	47	52	56	58	61	65	68
52.5°	42	48	52	57	64	68	70	77	83	88	91
50°	60	66	73	80	86	92	97	105	113	122	127
47.5°	79	87	95	105	113	119	125	135	146	156	163
45°	96	105	116	126	134	142	152	164	176	186	194
42.5°	112	122	133	145	152	165	179	191	205	218	228
40°	130	140	157	168	178	191	212	229	246	262	273
37.5°	152	169	186	201	214	231	258	286	307	329	344
35°	178	198	220	236	256	287	321	359	396	427	454
32.5°	203	225	247	272	303	347	390	450	506	563	617
30°	225	250	277	309	359	420	490	582	682	782	895
27.5°	248	276	308	359	434	517	648	793	999	1166	1434
25°	274	305	349	430	533	680	908	1166	1594	1959	2371
22.5°	305	352	415	516	689	953	1307	1871	2527	3137	3719
20°	343	407	515	675	924	1330	2001	2856	3769	4661	5525
17.5°	393	495	649	878	1230	2083	3081	4303	5867	7042	8155
15°	439	568	801	1171	1834	2932	4327	6198	8303	10073	12076
12.5°	493	650	929	1410	2357	3809	5587	7818	10310	12997	16134
10°	540	733	1093	1754	2904	4593	6586	9205	12405	16207	20172
7.5°	577	802	1229	2012	3364	5237	7613	10798	14852	19295	23817
5°	605	856	1337	2215	3755	5759	8363	12059	16679	21780	26276
2.5°	627	894	1408	2339	4019	6115	8876	12729	17798	23402	28122
0°	644	917	1447	2427	4142	6284	9113	13000	18322	24197	29051
-2.5°	650	929	1449	2396	4067	6274	9057	12834	17960	23881	28854
-5°	652	923	1413	2333	3935	6049	8695	12203	16856	22410	27449
-7.5°	647	898	1338	2177	3637	5652	8188	11268	15082	19978	25187
-10°	630	855	1238	1964	3228	5031	7400	10002	13049	17046	21267
-12.5°	598	791	1100	1647	2745	4330	6427	8728	11102	13729	17201
-15°	561	725	987	1454	2299	3593	5291	7234	9205	11216	13334
-17.5°	532	667	871	1197	1765	2811	4169	5731	7329	8927	10353
-20°	496	599	758	1012	1424	2043	3065	4279	5474	6777	7870

Classified

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

Scaled Data Report



REPORT NUMBER: P626924 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	463	551	670	830	1107	1543	2125	2980	3888	4834	5732
-25°	433	499	593	722	887	1147	1531	1978	2615	3197	3864
-27.5°	407	462	526	621	747	889	1125	1386	1720	1997	2442
-30°	382	426	479	540	632	740	867	1025	1189	1353	1566
-32.5°	358	396	437	486	543	624	703	805	894	993	1094
-35°	335	369	403	442	486	539	598	665	725	784	837
-37.5°	316	343	373	404	439	476	523	570	610	649	682
-40°	299	322	347	373	401	431	467	502	529	554	575
-42.5°	284	304	324	346	369	397	425	451	470	487	501
-45°	270	287	305	323	342	366	390	411	425	439	449
-47.5°	254	270	286	303	321	340	359	375	388	399	407
-50°	239	255	269	283	299	316	333	346	358	367	373
-52.5°	225	239	254	268	281	295	308	320	332	342	346
-55°	210	225	238	251	264	277	289	299	310	319	322
-57.5°	196	211	225	236	247	258	269	280	290	299	302
-60°	180	195	207	218	228	239	249	259	268	277	281
-62.5°	161	175	186	196	206	215	224	233	241	249	253
-65°	139	150	161	171	180	188	197	205	212	217	221
-67.5°	119	128	137	146	155	163	170	177	184	189	192
-70°	101	108	116	124	132	140	146	152	158	163	166
-72.5°	83	90	98	105	112	118	124	129	134	138	141
-75°	68	74	80	86	92	97	102	106	110	114	116
-77.5°	54	58	63	67	72	76	80	83	87	89	92
-80°	40	43	47	50	54	56	59	62	65	67	69
-82.5°	27	30	32	35	38	39	41	42	44	45	47
-85°	16	17	19	21	22	23	25	26	27	28	29
-87.5°	6	7	8	8	9	9	9	10	10	10	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626924 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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	1
62.5°	3	3	2	2	2	3	3	3	3	3	3
60°	11	10	10	10	10	10	11	12	12	14	14
57.5°	47	50	52	53	52	50	47	43	38	37	36
55°	72	74	74	73	74	74	72	68	65	61	58
52.5°	93	93	92	91	92	93	93	91	88	83	77
50°	128	128	128	129	128	128	128	127	122	113	105
47.5°	165	167	168	167	168	167	165	163	156	146	135
45°	197	200	201	200	201	200	197	194	186	176	164
42.5°	232	233	234	235	234	233	232	228	218	205	191
40°	277	279	279	278	279	279	277	273	262	246	229
37.5°	354	360	362	369	362	360	354	344	329	307	286
35°	474	487	494	505	494	487	474	454	427	396	359
32.5°	655	682	696	710	696	682	655	617	563	506	450
30°	974	1026	1047	1086	1047	1026	974	895	782	682	582
27.5°	1631	1754	1803	1904	1803	1754	1631	1434	1166	999	793
25°	2747	3013	3160	3276	3160	3013	2747	2371	1959	1594	1166
22.5°	4306	4696	4905	5059	4905	4696	4306	3719	3137	2527	1871
20°	6307	6822	7129	7352	7129	6822	6307	5525	4661	3769	2856
17.5°	9585	10395	10868	11275	10868	10395	9585	8155	7042	5867	4303
15°	14310	15937	17201	17905	17201	15937	14310	12076	10073	8303	6198
12.5°	18906	21289	22704	23356	22704	21289	18906	16134	12997	10310	7818
10°	23452	25698	27045	27283	27045	25698	23452	20172	16207	12405	9205
7.5°	26932	29402	31192	31842	31192	29402	26932	23817	19295	14852	10798
5°	30005	32898	34792	35032	34792	32898	30005	26276	21780	16679	12059
2.5°	32266	35411	37247	37879	37247	35411	32266	28122	23402	17798	12729
0°	33360	36747	38790	39710	38790	36747	33360	29051	24197	18322	13000
-2.5°	33130	36633	38914	40114	38914	36633	33130	28854	23881	17960	12834
-5°	31870	35384	37510	38785	37510	35384	31870	27449	22410	16856	12203
-7.5°	28965	32251	34515	35691	34515	32251	28965	25187	19978	15082	11268
-10°	25222	28003	30066	31069	30066	28003	25222	21267	17046	13049	10002
-12.5°	20358	23055	24917	25626	24917	23055	20358	17201	13729	11102	8728
-15°	15598	17657	18979	19398	18979	17657	15598	13334	11216	9205	7234
-17.5°	11829	12937	13681	13882	13681	12937	11829	10353	8927	7329	5731
-20°	8862	9549	10032	10146	10032	9549	8862	7870	6777	5474	4279

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626924 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	6457	6973	7363	7441	7363	6973	6457	5732	4834	3888	2980
-25°	4454	4886	5150	5170	5150	4886	4454	3864	3197	2615	1978
-27.5°	2792	3029	3152	3195	3152	3029	2792	2442	1997	1720	1386
-30°	1726	1835	1892	1894	1892	1835	1726	1566	1353	1189	1025
-32.5°	1171	1224	1253	1253	1253	1224	1171	1094	993	894	805
-35°	878	905	920	922	920	905	878	837	784	725	665
-37.5°	706	721	729	730	729	721	706	682	649	610	570
-40°	590	600	607	611	607	600	590	575	554	529	502
-42.5°	510	517	520	518	520	517	510	501	487	470	451
-45°	454	459	461	462	461	459	454	449	439	425	411
-47.5°	410	412	413	414	413	412	410	407	399	388	375
-50°	375	377	377	376	377	377	375	373	367	358	346
-52.5°	347	348	348	349	348	348	347	346	342	332	320
-55°	324	325	326	326	326	325	324	322	319	310	299
-57.5°	305	307	307	306	307	307	305	302	299	290	280
-60°	284	286	288	288	288	286	284	281	277	268	259
-62.5°	256	259	260	260	260	259	256	253	249	241	233
-65°	224	226	229	232	229	226	224	221	217	212	205
-67.5°	194	196	199	202	199	196	194	192	189	184	177
-70°	168	171	172	172	172	171	168	166	163	158	152
-72.5°	143	146	146	147	146	146	143	141	138	134	129
-75°	118	121	121	121	121	121	118	116	114	110	106
-77.5°	94	95	96	96	96	95	94	92	89	87	83
-80°	71	73	72	71	72	73	71	69	67	65	62
-82.5°	49	50	49	48	49	50	49	47	45	44	42
-85°	29	30	29	28	29	30	29	29	28	27	26
-87.5°	12	13	11	10	11	13	12	11	10	10	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: P626924 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	1	0	0	0	0	0	0	0	0	0	0
62.5°	3	3	3	3	2	1	1	1	1	0	1
60°	12	9	11	12	10	6	6	5	2	2	2
57.5°	37	35	30	27	25	22	18	14	12	8	5
55°	56	52	47	42	37	34	31	27	22	17	13
52.5°	70	68	64	57	52	48	42	38	34	29	22
50°	97	92	86	80	73	66	60	52	45	40	34
47.5°	125	119	113	105	95	87	79	70	60	51	45
45°	152	142	134	126	116	105	96	87	76	65	55
42.5°	179	165	152	145	133	122	112	103	91	79	68
40°	212	191	178	168	157	140	130	119	107	93	82
37.5°	258	231	214	201	186	169	152	139	124	110	96
35°	321	287	256	236	220	198	178	160	144	128	111
32.5°	390	347	303	272	247	225	203	183	163	145	128
30°	490	420	359	309	277	250	225	203	181	161	144
27.5°	648	517	434	359	308	276	248	222	198	177	158
25°	908	680	533	430	349	305	274	243	215	191	171
22.5°	1307	953	689	516	415	352	305	265	232	209	186
20°	2001	1330	924	675	515	407	343	294	257	227	201
17.5°	3081	2083	1230	878	649	495	393	327	282	246	217
15°	4327	2932	1834	1171	801	568	439	360	308	266	232
12.5°	5587	3809	2357	1410	929	650	493	399	334	284	244
10°	6586	4593	2904	1754	1093	733	540	427	352	297	255
7.5°	7613	5237	3364	2012	1229	802	577	450	367	309	264
5°	8363	5759	3755	2215	1337	856	605	469	379	318	272
2.5°	8876	6115	4019	2339	1408	894	627	483	390	324	277
0°	9113	6284	4142	2427	1447	917	644	492	399	328	280
-2.5°	9057	6274	4067	2396	1449	929	650	495	402	333	283
-5°	8695	6049	3935	2333	1413	923	652	496	402	335	285
-7.5°	8188	5652	3637	2177	1338	898	647	495	401	336	286
-10°	7400	5031	3228	1964	1238	855	630	487	397	334	285
-12.5°	6427	4330	2745	1647	1100	791	598	472	389	329	283
-15°	5291	3593	2299	1454	987	725	561	451	380	322	279
-17.5°	4169	2811	1765	1197	871	667	532	437	369	315	274
-20°	3065	2043	1424	1012	758	599	496	418	356	309	271

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626924 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	2125	1543	1107	830	670	551	463	396	341	301	265
-25°	1531	1147	887	722	593	499	433	377	330	292	258
-27.5°	1125	889	747	621	526	462	407	358	317	282	252
-30°	867	740	632	540	479	426	382	341	304	272	244
-32.5°	703	624	543	486	437	396	358	323	290	262	235
-35°	598	539	486	442	403	369	335	305	278	251	225
-37.5°	523	476	439	404	373	343	316	290	264	239	216
-40°	467	431	401	373	347	322	299	276	251	226	205
-42.5°	425	397	369	346	324	304	284	262	239	216	196
-45°	390	366	342	323	305	287	270	249	227	207	188
-47.5°	359	340	321	303	286	270	254	235	216	197	178
-50°	333	316	299	283	269	255	239	223	204	185	168
-52.5°	308	295	281	268	254	239	225	208	190	174	159
-55°	289	277	264	251	238	225	210	194	179	164	148
-57.5°	269	258	247	236	225	211	196	181	166	151	135
-60°	249	239	228	218	207	195	180	165	151	137	122
-62.5°	224	215	206	196	186	175	161	148	135	123	110
-65°	197	188	180	171	161	150	139	128	119	109	97
-67.5°	170	163	155	146	137	128	119	111	102	93	82
-70°	146	140	132	124	116	108	101	93	84	76	68
-72.5°	124	118	112	105	98	90	83	76	69	62	55
-75°	102	97	92	86	80	74	68	62	56	51	45
-77.5°	80	76	72	67	63	58	54	49	44	40	35
-80°	59	56	54	50	47	43	40	36	32	29	25
-82.5°	41	39	38	35	32	30	27	24	22	19	17
-85°	25	23	22	21	19	17	16	14	12	11	9
-87.5°	9	9	9	8	8	7	6	6	5	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626924 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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	1	1	0	0	0	1	1	0	0
57.5°	4	3	2	1	1	1	0	1	1	0	0
55°	8	6	4	2	2	2	1	1	2	1	0
52.5°	16	11	7	4	2	3	2	1	2	2	1
50°	26	18	13	8	3	3	2	2	2	2	1
47.5°	38	28	19	13	8	4	3	2	2	2	2
45°	49	40	28	19	12	7	5	2	2	3	2
42.5°	59	50	39	25	18	11	7	4	2	3	3
40°	71	60	49	36	24	15	10	6	3	3	3
37.5°	84	71	59	45	31	21	13	8	4	3	3
35°	97	83	68	54	39	27	16	11	6	4	3
32.5°	109	94	78	62	47	33	20	14	8	5	3
30°	124	104	87	71	54	39	26	17	11	6	3
27.5°	138	114	95	78	61	45	32	20	13	7	3
25°	151	126	104	86	68	51	37	24	15	9	4
22.5°	163	138	112	92	76	57	42	28	18	11	5
20°	175	149	121	101	83	64	47	32	21	12	6
17.5°	188	160	132	110	90	70	52	36	24	14	7
15°	200	171	142	118	97	75	56	40	27	15	9
12.5°	211	180	152	126	103	81	60	43	29	17	10
10°	221	189	159	133	110	85	64	46	32	18	11
7.5°	229	197	166	140	116	90	68	49	34	19	12
5°	235	203	172	145	120	94	71	51	37	21	13
2.5°	240	207	176	148	124	98	74	54	39	22	14
0°	242	210	179	151	126	101	76	56	40	23	15
-2.5°	245	212	183	155	129	104	78	57	42	25	16
-5°	247	214	185	157	131	107	80	58	43	27	16
-7.5°	248	216	187	159	133	109	81	59	44	29	16
-10°	248	217	189	160	134	110	82	60	45	30	16
-12.5°	247	217	189	161	135	110	84	61	45	31	16
-15°	245	217	189	161	135	110	85	63	46	31	16
-17.5°	242	216	187	159	134	110	85	63	46	31	17
-20°	240	213	185	157	133	109	85	63	46	30	18

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Scaled Data Report



REPORT NUMBER: P626924 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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°	236	209	182	155	131	109	84	62	46	30	18
-25°	231	204	178	153	130	107	83	61	45	29	19
-27.5°	225	199	173	150	127	105	81	59	43	28	19
-30°	218	193	170	146	124	102	78	58	42	28	19
-32.5°	210	188	165	142	120	99	74	55	40	28	19
-35°	203	182	160	137	116	94	71	52	39	27	18
-37.5°	195	175	153	131	111	89	69	51	37	27	18
-40°	187	167	145	125	106	85	66	50	36	26	17
-42.5°	178	158	138	120	100	81	63	48	35	25	17
-45°	169	150	132	114	95	77	61	46	33	24	16
-47.5°	159	143	125	107	90	73	57	43	31	23	15
-50°	152	135	117	100	84	69	53	40	30	22	14
-52.5°	143	125	108	92	78	64	49	37	28	20	13
-55°	131	115	99	85	71	58	44	34	26	18	12
-57.5°	120	104	90	78	64	51	40	31	23	17	11
-60°	108	94	82	69	57	45	36	28	21	15	10
-62.5°	97	85	72	60	50	40	32	25	18	13	9
-65°	85	73	62	52	43	35	28	22	16	12	8
-67.5°	71	62	53	44	36	30	24	19	15	10	7
-70°	59	51	44	37	30	25	21	17	12	9	7
-72.5°	49	42	35	29	25	21	17	14	10	8	6
-75°	39	33	28	24	20	17	14	11	8	6	5
-77.5°	30	26	22	19	16	13	11	8	6	5	4
-80°	22	19	17	15	12	10	8	6	5	4	3
-82.5°	15	13	12	10	9	7	5	4	3	3	2
-85°	8	8	7	6	5	4	3	2	2	2	2
-87.5°	3	3	3	3	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: P626924 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-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	1	0	0	0	0	0
45°	1	1	0	0	0	0	0
42.5°	2	1	0	0	0	0	0
40°	2	1	0	0	0	0	0
37.5°	2	2	0	0	0	0	0
35°	2	2	1	0	0	0	0
32.5°	3	2	1	0	0	0	0
30°	3	2	1	0	0	0	0
27.5°	3	2	1	0	0	0	0
25°	3	2	2	0	0	0	0
22.5°	3	3	2	0	0	0	0
20°	3	3	2	0	0	0	0
17.5°	3	3	2	0	0	0	0
15°	3	3	2	0	0	0	0
12.5°	3	3	2	0	0	0	0
10°	4	3	2	0	0	0	0
7.5°	4	3	2	0	0	0	0
5°	4	3	2	0	0	0	0
2.5°	5	3	2	0	0	0	0
0°	5	3	3	0	0	0	0
-2.5°	6	3	2	0	0	0	0
-5°	7	3	2	0	0	0	0
-7.5°	8	3	2	0	0	0	0
-10°	9	4	2	1	0	0	0
-12.5°	9	4	2	1	0	0	0
-15°	10	4	2	1	0	0	0
-17.5°	10	4	2	1	0	0	0
-20°	10	4	2	1	0	0	0

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CATALOG NUMBER: GFLD-SA2C-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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