

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: P626826 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-722-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626826 (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-SA2B-722-U-MWR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (32) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6528.8 lumens  
Efficiency: N/A  
Efficacy: 102.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 9146.7 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 4372.9 lumens  
Beam Efficiency: 67.0%

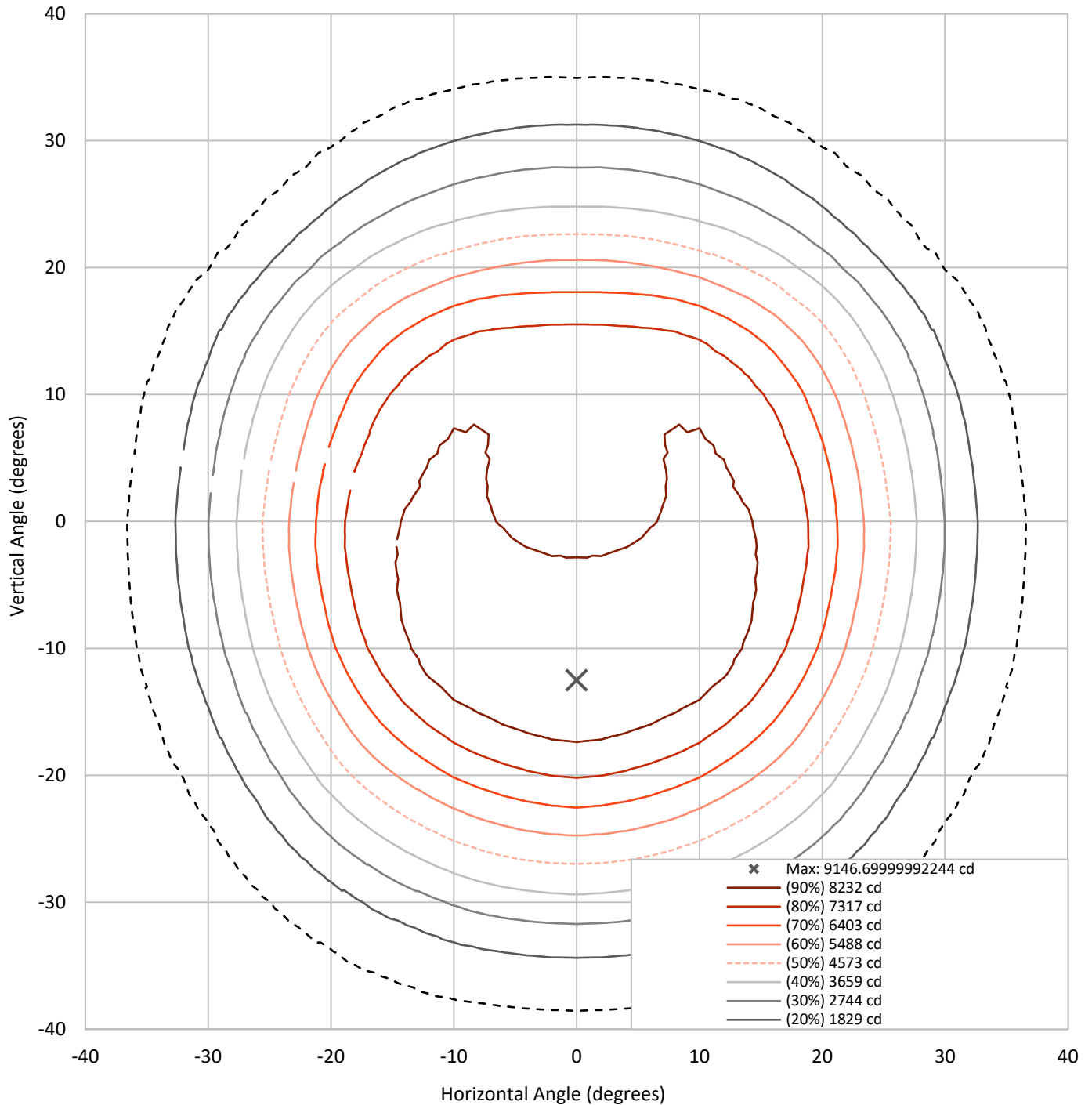
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 5887.8 lumens  
Field Efficiency: 90.2%

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: P626826 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-722-U-MWR-VSR-XX

### Iso-Candela Plot





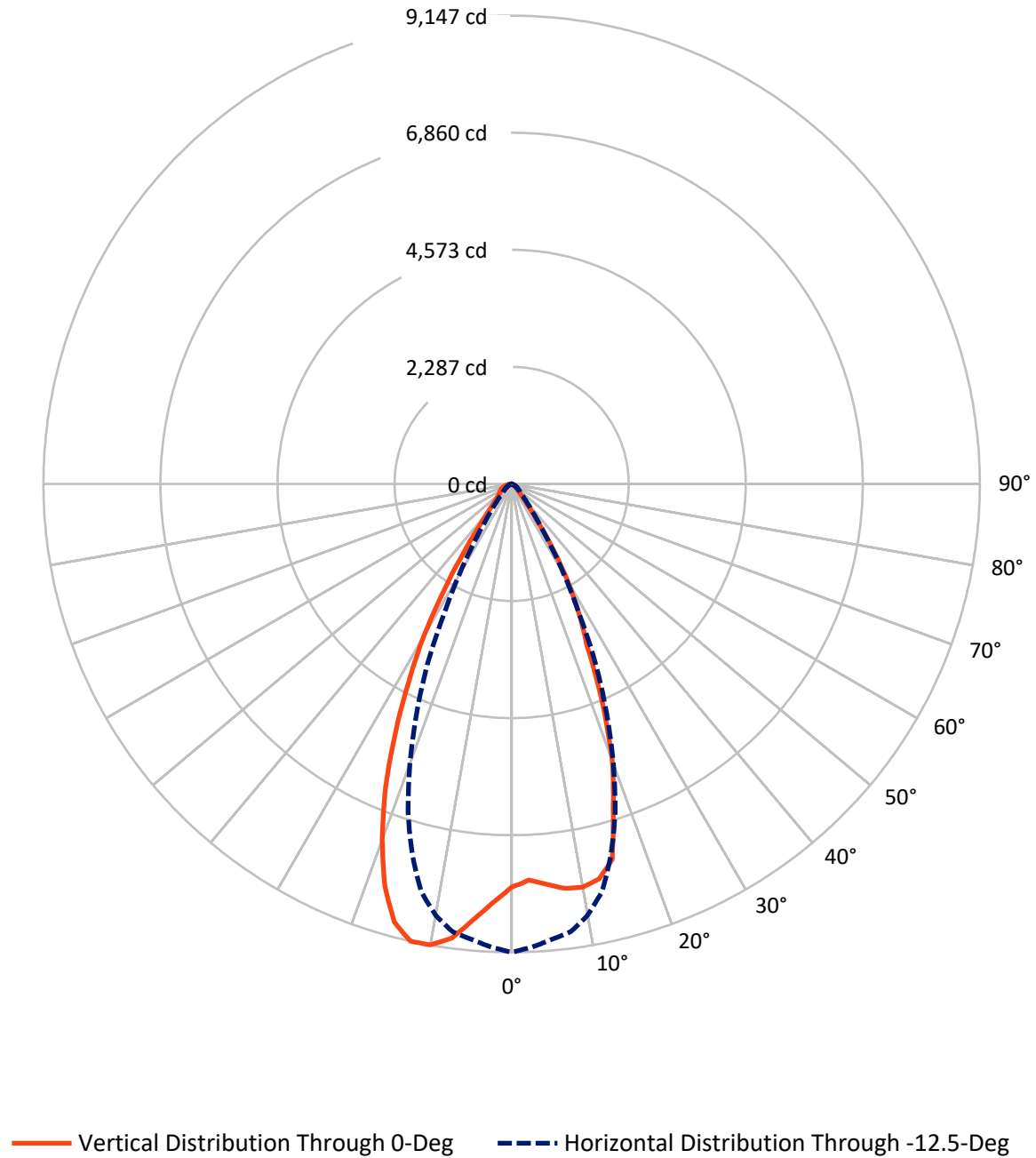
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### Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	4.5	5.5	5.5	4.5	3.0	1.8	0.9	0.3	0.0	0.0			
30		0.1	0.7	1.9	3.9	8.5	19.3	29.4	29.4	19.3	8.5	3.9	1.9	0.7	0.1				
20	0.1	0.3	1.2	3.0	8.2	30.4	78.1	109.2	109.2	78.1	30.4	8.2	3.0	1.2	0.3	0.1			
10		0.4	1.7	4.7	19.5	84.3	175.8	217.7	217.7	175.8	84.3	19.5	4.7	1.7	0.4				
0	0.1	0.6	2.1	6.1	31.0	124.1	226.7	245.8	245.8	226.7	124.1	31.0	6.1	2.1	0.6	0.1			
-10		0.7	2.3	6.5	32.5	128.2	234.9	260.8	260.8	234.9	128.2	32.5	6.5	2.3	0.7				
-20	0.2	0.7	2.4	5.9	23.2	95.4	198.1	253.0	253.0	198.1	95.4	23.2	5.9	2.4	0.7	0.2			
-30		0.7	2.2	4.9	13.0	46.3	110.4	155.4	155.4	110.4	46.3	13.0	4.9	2.2	0.7				
-40	0.2	0.6	2.0	4.1	7.8	16.5	34.5	51.2	51.2	34.5	16.5	7.8	4.1	2.0	0.6	0.2			
-50		0.5	1.7	3.4	5.7	8.4	11.8	14.0	14.0	11.8	8.4	5.7	3.4	1.7	0.5				
-60	0.1	0.4	1.3	2.7	4.5	6.2	7.7	8.4	8.4	7.7	6.2	4.5	2.7	1.3	0.4	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	9.0	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

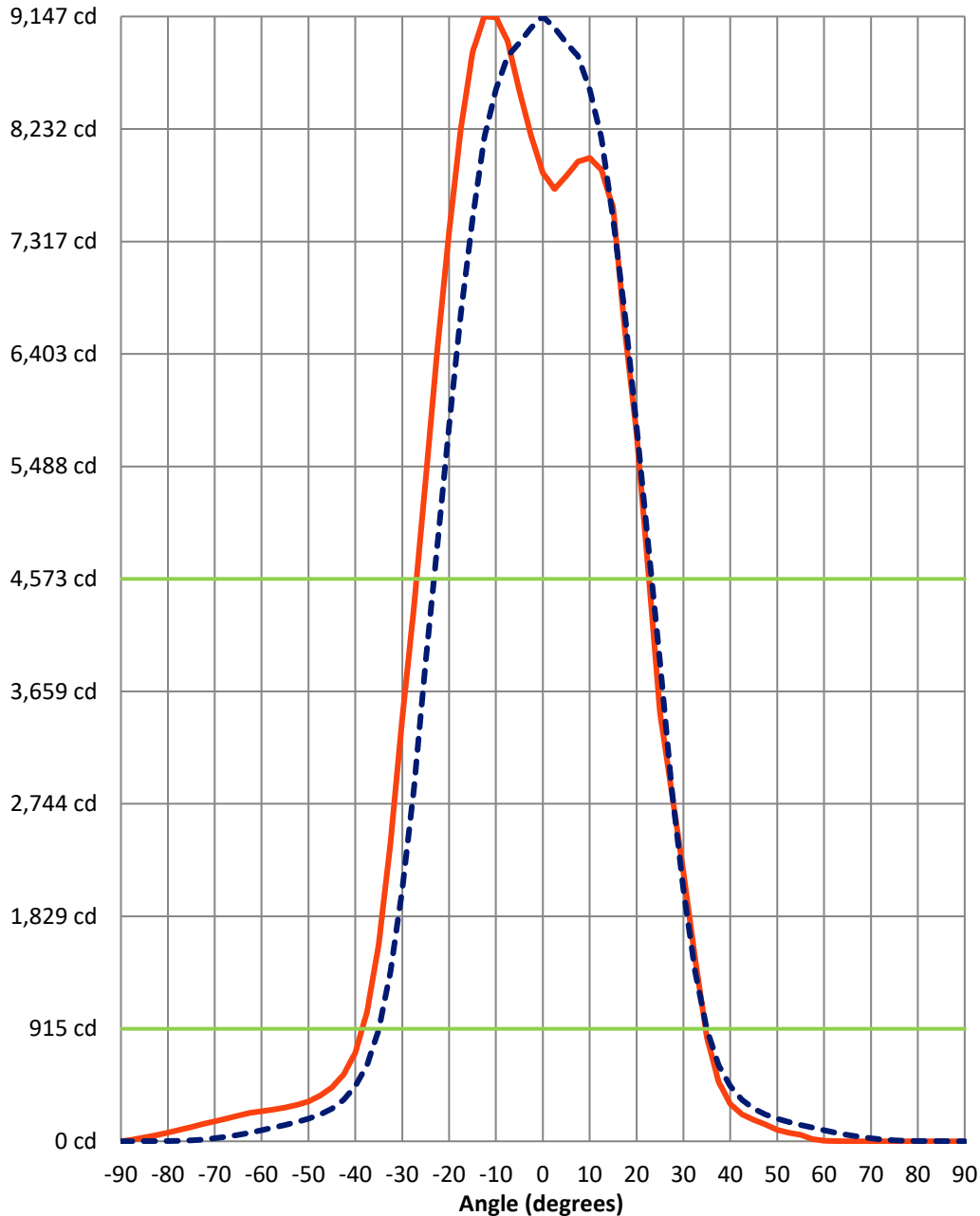
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 4372.9  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 5887.8  
 Efficiency: 90.2%

**Spill:**  
 Lumens: 641  
 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	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	21
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	22	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	21	34	48
-7.5°	0	0	1	2	2	3	7	13	22	35	50
-10°	0	0	1	2	2	4	7	13	24	36	51
-12.5°	0	0	1	2	2	4	8	13	25	37	52
-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	9	15	25	37	52

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CATALOG NUMBER: GFLD-SA2B-722-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	37	50
-25°	0	0	1	2	2	4	9	15	24	36	48
-27.5°	0	0	1	2	2	4	9	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	23	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	8	11	16	23	32
-52.5°	0	0	1	2	3	5	7	11	16	22	29
-55°	0	0	1	2	3	4	7	10	15	21	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	24
-62.5°	0	0	1	2	3	4	6	9	12	16	22
-65°	0	0	1	2	3	4	5	8	11	15	20
-67.5°	0	0	1	2	2	3	5	7	10	13	17
-70°	0	0	1	2	2	3	4	6	9	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



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CATALOG NUMBER: GFLD-SA2B-722-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	13	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	39
47.5°	3	3	5	7	12	19	26	33	39	45	54
45°	3	5	6	12	19	27	35	43	50	57	65
42.5°	4	7	11	17	26	36	46	52	59	68	78
40°	6	10	16	24	35	47	55	62	69	81	93
37.5°	9	14	21	32	45	56	64	73	84	97	111
35°	13	18	28	40	54	65	74	85	99	115	132
32.5°	16	22	35	49	62	73	84	99	115	132	155
30°	19	28	41	57	69	81	96	113	128	150	176
27.5°	23	34	48	63	76	88	108	124	142	166	199
25°	27	40	55	69	82	98	119	137	155	186	229
22.5°	31	46	61	75	88	108	131	153	177	208	261
20°	36	51	67	81	94	118	143	170	203	246	316
17.5°	41	56	72	88	104	129	157	189	229	283	386
15°	45	60	77	95	114	139	171	210	259	325	453
12.5°	49	64	83	101	122	149	182	225	283	378	540
10°	52	68	88	107	130	158	193	238	303	417	604
7.5°	55	72	92	113	136	165	202	249	320	447	654
5°	58	76	96	118	141	171	209	257	335	469	693
2.5°	60	80	99	122	144	176	215	264	349	487	726
0°	61	84	102	124	147	180	219	270	360	499	751
-2.5°	64	86	106	127	151	183	221	274	363	501	746
-5°	65	87	108	129	154	184	221	276	363	497	731
-7.5°	67	88	111	130	156	185	222	275	359	489	706
-10°	68	89	111	132	157	185	221	271	351	473	668
-12.5°	69	90	112	133	157	184	218	265	337	449	620
-15°	70	90	111	132	156	182	213	257	319	416	560
-17.5°	71	91	111	131	155	179	207	247	303	388	517
-20°	71	90	110	129	153	176	202	239	289	361	465

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CATALOG NUMBER: GFLD-SA2B-722-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	90	109	127	150	173	197	229	271	330	415
-25°	69	88	108	126	147	169	191	219	256	308	378
-27.5°	66	87	106	124	143	165	185	211	243	283	339
-30°	63	84	103	121	140	160	180	201	230	265	310
-32.5°	60	81	100	118	136	155	174	194	218	247	282
-35°	57	78	96	113	132	150	168	187	207	233	263
-37.5°	56	74	93	109	126	144	162	180	198	218	246
-40°	54	70	89	105	121	138	155	172	189	209	230
-42.5°	52	68	85	101	116	132	148	164	181	200	220
-45°	50	64	81	96	111	126	142	157	173	191	209
-47.5°	47	61	76	90	105	120	135	150	164	181	198
-50°	43	57	71	84	97	112	127	142	156	170	186
-52.5°	40	52	65	78	90	103	118	133	148	162	175
-55°	36	47	59	72	84	95	108	124	138	152	165
-57.5°	33	42	54	66	77	89	101	114	128	141	155
-60°	30	38	47	59	70	82	94	106	118	131	143
-62.5°	28	34	42	51	62	74	85	96	108	119	130
-65°	25	30	37	44	53	63	74	85	96	106	115
-67.5°	22	27	32	38	45	54	63	72	83	92	101
-70°	19	23	28	33	38	45	53	61	69	77	86
-72.5°	16	20	23	27	32	38	44	51	58	65	72
-75°	13	16	19	23	27	31	37	42	48	54	60
-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	14	15	18	20	23	26
-85°	4	5	6	7	8	9	10	11	13	15	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



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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	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	23	23
55°	19	23	27	29	32	37	41	42	43	44	46
52.5°	31	35	37	41	47	51	53	57	61	64	67
50°	45	49	53	59	65	69	70	76	84	90	94
47.5°	59	64	72	82	88	92	98	106	114	123	130
45°	72	81	92	101	108	115	124	133	146	159	168
42.5°	87	97	108	118	126	139	153	165	184	200	210
40°	104	114	129	142	158	174	200	223	247	274	294
37.5°	125	141	162	183	206	230	275	322	360	413	442
35°	150	174	205	235	273	331	397	486	579	657	731
32.5°	179	210	252	307	370	463	562	727	887	1048	1205
30°	207	253	316	392	496	643	830	1085	1360	1602	1820
27.5°	245	309	392	505	681	898	1243	1597	1948	2261	2486
25°	291	377	494	682	936	1294	1757	2191	2603	2910	3169
22.5°	357	486	653	891	1353	1851	2405	2950	3413	3800	4056
20°	439	614	892	1324	1867	2490	3203	3777	4347	4783	5172
17.5°	555	833	1226	1775	2424	3255	3989	4629	5352	5798	6195
15°	659	1017	1576	2277	3037	3918	4784	5567	6266	6756	7199
12.5°	791	1212	1855	2680	3511	4491	5392	6230	6915	7419	7729
10°	909	1412	2134	2996	3927	4951	5884	6757	7420	7809	8038
7.5°	1004	1578	2359	3267	4249	5280	6266	7132	7767	8092	8248
5°	1078	1701	2536	3489	4509	5564	6570	7418	7952	8222	8309
2.5°	1134	1787	2655	3635	4685	5774	6801	7637	8092	8287	8316
0°	1171	1848	2732	3727	4835	5849	6926	7774	8208	8364	8379
-2.5°	1162	1826	2729	3694	4818	5883	6946	7783	8247	8457	8491
-5°	1139	1774	2639	3599	4681	5747	6761	7645	8215	8531	8671
-7.5°	1093	1686	2484	3418	4459	5526	6560	7478	8133	8578	8852
-10°	1015	1556	2286	3190	4215	5232	6254	7207	7912	8448	8830
-12.5°	909	1380	2044	2866	3897	4847	5814	6727	7497	8158	8553
-15°	800	1197	1794	2545	3443	4378	5272	6167	6927	7546	8038
-17.5°	722	1036	1503	2161	2949	3836	4708	5531	6217	6798	7314
-20°	623	857	1226	1780	2473	3249	4084	4816	5429	5974	6467

Classified

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

Scaled Data Report



REPORT NUMBER: P626826 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	544	734	1001	1378	2001	2685	3369	4043	4618	5104	5525
-25°	473	606	815	1121	1527	2117	2693	3262	3794	4245	4624
-27.5°	417	523	662	880	1188	1533	2037	2513	2970	3382	3740
-30°	366	445	554	691	900	1156	1459	1815	2180	2505	2830
-32.5°	329	386	461	562	679	863	1046	1285	1516	1753	1987
-35°	297	342	393	461	541	648	769	915	1039	1194	1337
-37.5°	274	306	345	388	445	505	587	676	752	839	911
-40°	255	280	307	336	375	415	468	518	567	620	659
-42.5°	240	260	279	301	324	357	392	423	453	484	510
-45°	227	242	258	275	293	316	341	365	384	401	415
-47.5°	214	228	241	254	270	287	303	318	334	347	357
-50°	201	215	227	238	251	265	278	290	301	311	317
-52.5°	189	202	214	225	236	247	258	268	278	287	291
-55°	179	192	204	213	223	232	242	252	261	269	272
-57.5°	168	181	193	202	210	219	228	237	246	254	256
-60°	156	170	180	188	197	206	215	223	231	238	241
-62.5°	142	154	163	171	179	187	196	205	213	220	225
-65°	124	135	144	152	160	167	176	184	192	198	202
-67.5°	109	117	125	132	140	147	155	163	170	176	179
-70°	94	102	109	116	122	129	135	142	148	153	156
-72.5°	80	86	92	98	105	110	116	121	127	131	134
-75°	66	71	77	82	87	92	96	100	104	108	111
-77.5°	52	56	61	65	70	73	77	80	83	86	89
-80°	40	43	46	50	53	56	58	61	63	65	68
-82.5°	28	31	33	35	37	39	41	43	45	46	48
-85°	18	19	21	22	23	24	25	26	27	29	30
-87.5°	9	9	10	10	11	11	12	13	13	14	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626826 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-722-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°	23	21	20	18	20	21	23	23	23	22	21
55°	49	52	53	53	53	52	49	46	44	43	42
52.5°	70	71	71	69	71	71	70	67	64	61	57
50°	95	95	95	93	95	95	95	94	90	84	76
47.5°	134	136	137	137	137	136	134	130	123	114	106
45°	172	173	174	174	174	173	172	168	159	146	133
42.5°	216	219	220	219	220	219	216	210	200	184	165
40°	306	309	308	303	308	309	306	294	274	247	223
37.5°	463	478	484	484	484	478	463	442	413	360	322
35°	798	852	876	846	876	852	798	731	657	579	486
32.5°	1334	1428	1482	1482	1482	1428	1334	1205	1048	887	727
30°	1986	2104	2171	2185	2171	2104	1986	1820	1602	1360	1085
27.5°	2662	2784	2848	2839	2848	2784	2662	2486	2261	1948	1597
25°	3340	3433	3487	3488	3487	3433	3340	3169	2910	2603	2191
22.5°	4343	4538	4619	4640	4619	4538	4343	4056	3800	3413	2950
20°	5435	5625	5747	5754	5747	5625	5435	5172	4783	4347	3777
17.5°	6477	6571	6588	6596	6588	6571	6477	6195	5798	5352	4629
15°	7458	7491	7578	7589	7578	7491	7458	7199	6756	6266	5567
12.5°	7924	7954	7939	7899	7939	7954	7924	7729	7419	6915	6230
10°	8178	8136	8072	7996	8072	8136	8178	8038	7809	7420	6757
7.5°	8236	8188	8077	7966	8077	8188	8236	8248	8092	7767	7132
5°	8263	8124	7984	7849	7984	8124	8263	8309	8222	7952	7418
2.5°	8247	8082	7889	7745	7889	8082	8247	8316	8287	8092	7637
0°	8299	8133	7930	7876	7930	8133	8299	8379	8364	8208	7774
-2.5°	8446	8311	8205	8176	8205	8311	8446	8491	8457	8247	7783
-5°	8709	8680	8500	8542	8500	8680	8709	8671	8531	8215	7645
-7.5°	8964	8922	8846	8944	8846	8922	8964	8852	8578	8133	7478
-10°	9032	9018	9053	9141	9053	9018	9032	8830	8448	7912	7207
-12.5°	8824	8933	9055	9147	9055	8933	8824	8553	8158	7497	6727
-15°	8362	8584	8766	8853	8766	8584	8362	8038	7546	6927	6167
-17.5°	7680	7953	8169	8230	8169	7953	7680	7314	6798	6217	5531
-20°	6841	7118	7315	7393	7315	7118	6841	6467	5974	5429	4816

Classified

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

Scaled Data Report



REPORT NUMBER: P626826 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	5897	6168	6346	6440	6346	6168	5897	5525	5104	4618	4043
-25°	4939	5177	5335	5376	5335	5177	4939	4624	4245	3794	3262
-27.5°	4022	4214	4330	4343	4330	4214	4022	3740	3382	2970	2513
-30°	3100	3278	3379	3433	3379	3278	3100	2830	2505	2180	1815
-32.5°	2177	2319	2404	2427	2404	2319	2177	1987	1753	1516	1285
-35°	1452	1540	1594	1605	1594	1540	1452	1337	1194	1039	915
-37.5°	971	1014	1040	1053	1040	1014	971	911	839	752	676
-40°	688	708	719	721	719	708	688	659	620	567	518
-42.5°	526	536	541	543	541	536	526	510	484	453	423
-45°	425	432	436	438	436	432	425	415	401	384	365
-47.5°	364	368	371	372	371	368	364	357	347	334	318
-50°	321	323	324	324	324	323	321	317	311	301	290
-52.5°	294	295	296	295	296	295	294	291	287	278	268
-55°	274	275	275	274	275	275	274	272	269	261	252
-57.5°	258	260	259	258	259	260	258	256	254	246	237
-60°	243	245	245	245	245	245	243	241	238	231	223
-62.5°	228	231	232	231	232	231	228	225	220	213	205
-65°	206	210	210	209	210	210	206	202	198	192	184
-67.5°	182	185	185	185	185	185	182	179	176	170	163
-70°	160	163	163	162	163	163	160	156	153	148	142
-72.5°	137	140	141	141	141	140	137	134	131	127	121
-75°	114	116	116	116	116	116	114	111	108	104	100
-77.5°	92	94	94	93	94	94	92	89	86	83	80
-80°	70	72	71	71	71	72	70	68	65	63	61
-82.5°	49	51	50	50	50	51	49	48	46	45	43
-85°	30	31	31	32	31	31	30	30	29	27	26
-87.5°	14	15	14	14	14	15	14	14	14	13	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626826 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-722-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	13	8
52.5°	53	51	47	41	37	35	31	26	22	19	15
50°	70	69	65	59	53	49	45	39	33	28	23
47.5°	98	92	88	82	72	64	59	54	45	39	33
45°	124	115	108	101	92	81	72	65	57	50	43
42.5°	153	139	126	118	108	97	87	78	68	59	52
40°	200	174	158	142	129	114	104	93	81	69	62
37.5°	275	230	206	183	162	141	125	111	97	84	73
35°	397	331	273	235	205	174	150	132	115	99	85
32.5°	562	463	370	307	252	210	179	155	132	115	99
30°	830	643	496	392	316	253	207	176	150	128	113
27.5°	1243	898	681	505	392	309	245	199	166	142	124
25°	1757	1294	936	682	494	377	291	229	186	155	137
22.5°	2405	1851	1353	891	653	486	357	261	208	177	153
20°	3203	2490	1867	1324	892	614	439	316	246	203	170
17.5°	3989	3255	2424	1775	1226	833	555	386	283	229	189
15°	4784	3918	3037	2277	1576	1017	659	453	325	259	210
12.5°	5392	4491	3511	2680	1855	1212	791	540	378	283	225
10°	5884	4951	3927	2996	2134	1412	909	604	417	303	238
7.5°	6266	5280	4249	3267	2359	1578	1004	654	447	320	249
5°	6570	5564	4509	3489	2536	1701	1078	693	469	335	257
2.5°	6801	5774	4685	3635	2655	1787	1134	726	487	349	264
0°	6926	5849	4835	3727	2732	1848	1171	751	499	360	270
-2.5°	6946	5883	4818	3694	2729	1826	1162	746	501	363	274
-5°	6761	5747	4681	3599	2639	1774	1139	731	497	363	276
-7.5°	6560	5526	4459	3418	2484	1686	1093	706	489	359	275
-10°	6254	5232	4215	3190	2286	1556	1015	668	473	351	271
-12.5°	5814	4847	3897	2866	2044	1380	909	620	449	337	265
-15°	5272	4378	3443	2545	1794	1197	800	560	416	319	257
-17.5°	4708	3836	2949	2161	1503	1036	722	517	388	303	247
-20°	4084	3249	2473	1780	1226	857	623	465	361	289	239

Classified

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

Scaled Data Report



REPORT NUMBER: P626826 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	3369	2685	2001	1378	1001	734	544	415	330	271	229
-25°	2693	2117	1527	1121	815	606	473	378	308	256	219
-27.5°	2037	1533	1188	880	662	523	417	339	283	243	211
-30°	1459	1156	900	691	554	445	366	310	265	230	201
-32.5°	1046	863	679	562	461	386	329	282	247	218	194
-35°	769	648	541	461	393	342	297	263	233	207	187
-37.5°	587	505	445	388	345	306	274	246	218	198	180
-40°	468	415	375	336	307	280	255	230	209	189	172
-42.5°	392	357	324	301	279	260	240	220	200	181	164
-45°	341	316	293	275	258	242	227	209	191	173	157
-47.5°	303	287	270	254	241	228	214	198	181	164	150
-50°	278	265	251	238	227	215	201	186	170	156	142
-52.5°	258	247	236	225	214	202	189	175	162	148	133
-55°	242	232	223	213	204	192	179	165	152	138	124
-57.5°	228	219	210	202	193	181	168	155	141	128	114
-60°	215	206	197	188	180	170	156	143	131	118	106
-62.5°	196	187	179	171	163	154	142	130	119	108	96
-65°	176	167	160	152	144	135	124	115	106	96	85
-67.5°	155	147	140	132	125	117	109	101	92	83	72
-70°	135	129	122	116	109	102	94	86	77	69	61
-72.5°	116	110	105	98	92	86	80	72	65	58	51
-75°	96	92	87	82	77	71	66	60	54	48	42
-77.5°	77	73	70	65	61	56	52	47	42	38	33
-80°	58	56	53	50	46	43	40	36	32	28	25
-82.5°	41	39	37	35	33	31	28	26	23	20	18
-85°	25	24	23	22	21	19	18	16	15	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



Classified

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

Scaled Data Report



REPORT NUMBER: P626826 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	26	19	12	7	5	3	3	2	2	2	2
45°	35	27	19	12	6	5	3	2	2	2	2
42.5°	46	36	26	17	11	7	4	3	2	2	2
40°	55	47	35	24	16	10	6	4	3	2	2
37.5°	64	56	45	32	21	14	9	4	3	2	2
35°	74	65	54	40	28	18	13	6	4	3	2
32.5°	84	73	62	49	35	22	16	9	5	4	2
30°	96	81	69	57	41	28	19	12	7	4	2
27.5°	108	88	76	63	48	34	23	15	8	5	3
25°	119	98	82	69	55	40	27	17	10	6	3
22.5°	131	108	88	75	61	46	31	21	12	7	4
20°	143	118	94	81	67	51	36	24	14	8	4
17.5°	157	129	104	88	72	56	41	27	16	10	5
15°	171	139	114	95	77	60	45	30	18	11	6
12.5°	182	149	122	101	83	64	49	33	19	12	7
10°	193	158	130	107	88	68	52	36	22	13	8
7.5°	202	165	136	113	92	72	55	39	24	14	9
5°	209	171	141	118	96	76	58	41	27	15	10
2.5°	215	176	144	122	99	80	60	42	29	16	11
0°	219	180	147	124	102	84	61	43	31	16	12
-2.5°	221	183	151	127	106	86	64	46	33	19	12
-5°	221	184	154	129	108	87	65	48	34	21	13
-7.5°	222	185	156	130	111	88	67	50	35	22	13
-10°	221	185	157	132	111	89	68	51	36	24	13
-12.5°	218	184	157	133	112	90	69	52	37	25	13
-15°	213	182	156	132	111	90	70	52	37	25	14
-17.5°	207	179	155	131	111	91	71	52	37	25	14
-20°	202	176	153	129	110	90	71	52	37	25	15

Classified

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

Scaled Data Report



REPORT NUMBER: P626826 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	197	173	150	127	109	90	70	50	37	24	15
-25°	191	169	147	126	108	88	69	48	36	24	15
-27.5°	185	165	143	124	106	87	66	47	35	23	15
-30°	180	160	140	121	103	84	63	46	34	23	15
-32.5°	174	155	136	118	100	81	60	44	33	23	15
-35°	168	150	132	113	96	78	57	42	32	22	14
-37.5°	162	144	126	109	93	74	56	41	31	21	14
-40°	155	138	121	105	89	70	54	40	29	20	13
-42.5°	148	132	116	101	85	68	52	39	28	19	13
-45°	142	126	111	96	81	64	50	37	26	18	12
-47.5°	135	120	105	90	76	61	47	35	24	17	12
-50°	127	112	97	84	71	57	43	32	23	16	11
-52.5°	118	103	90	78	65	52	40	29	22	16	11
-55°	108	95	84	72	59	47	36	28	21	15	10
-57.5°	101	89	77	66	54	42	33	26	19	14	10
-60°	94	82	70	59	47	38	30	24	18	13	9
-62.5°	85	74	62	51	42	34	28	22	16	12	9
-65°	74	63	53	44	37	30	25	20	15	11	8
-67.5°	63	54	45	38	32	27	22	17	13	10	7
-70°	53	45	38	33	28	23	19	15	11	9	6
-72.5°	44	38	32	27	23	20	16	12	10	7	5
-75°	37	31	27	23	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	14	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: P626826 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-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°	9	4	2	2	1	0	0

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CATALOG NUMBER: GFLD-SA2B-722-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°	9	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°	8	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)