

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: P626904 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626904 (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-730-U-MR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (32) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10359.9 lumens  
Efficiency: N/A  
Efficacy: 125.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 36527.1 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 5180 lumens  
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 8901.1 lumens  
Field Efficiency: 85.9%

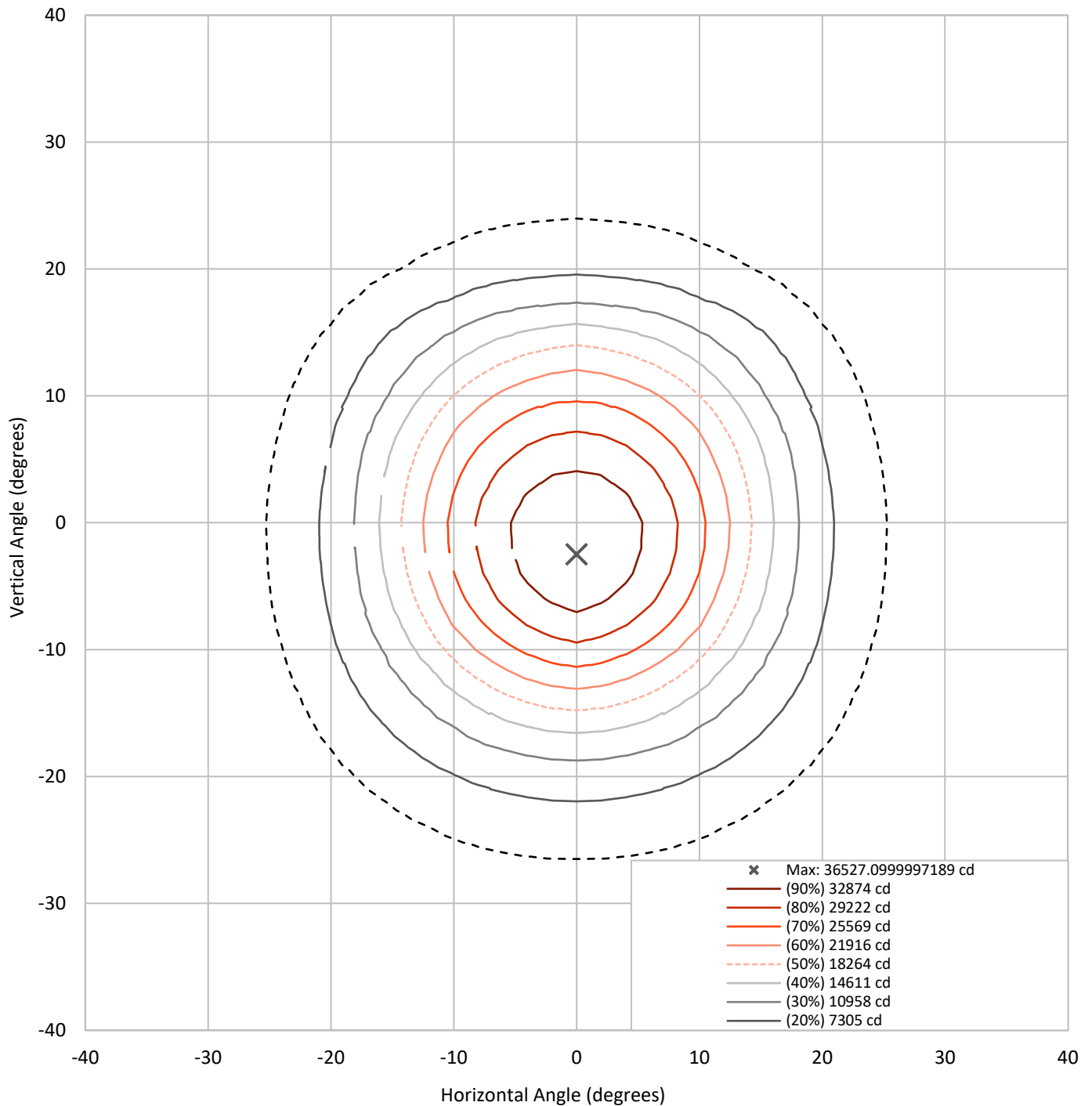
Input Watts (W): 82.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P626904 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-MR-VSR-XX

### Iso-Candela Plot



REPORT NUMBER: P626904 (CONVERTED FROM TYPE C PHOTOMETRY)

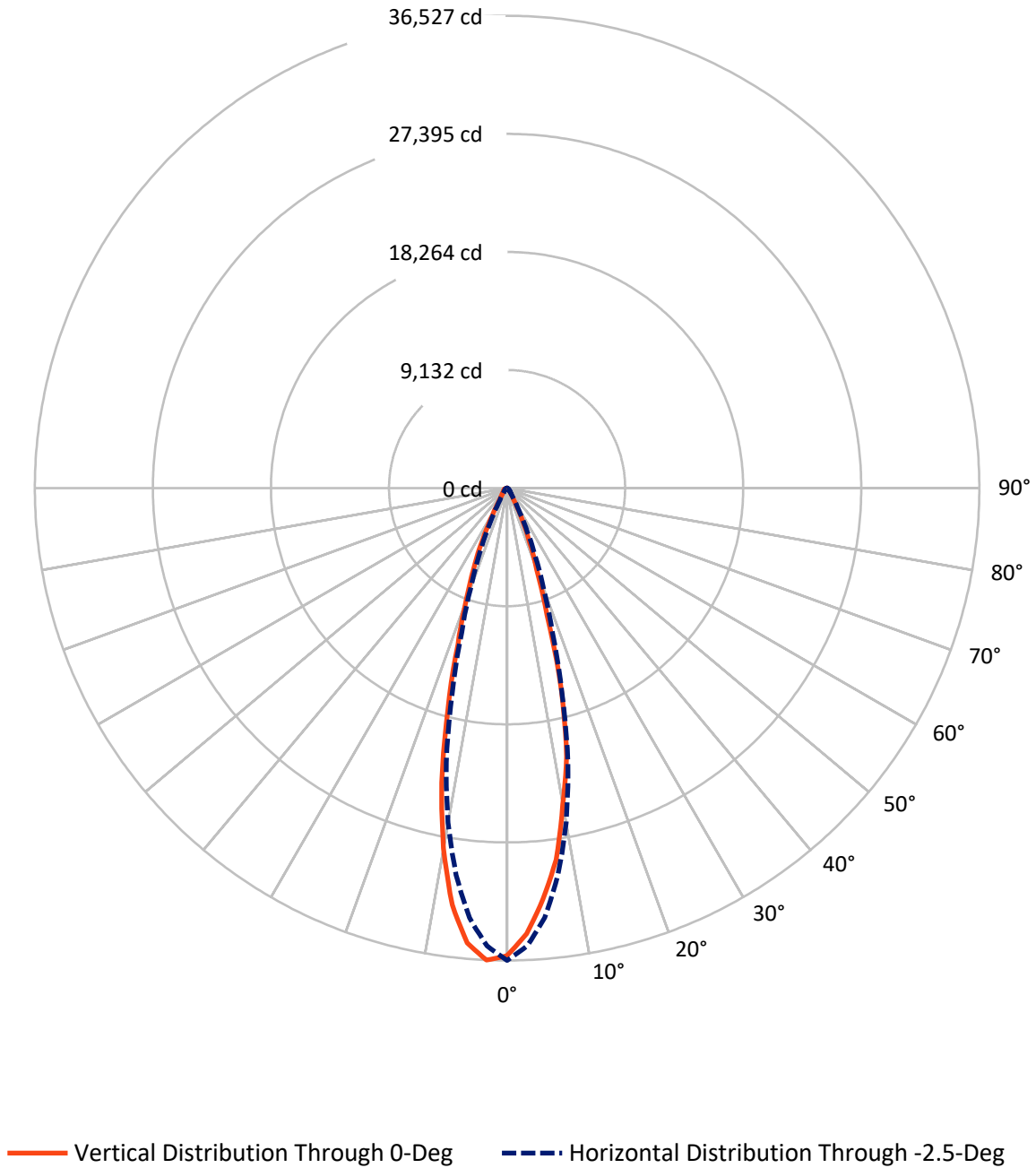
CATALOG NUMBER: GFLD-SA2C-730-U-MR-VSR-XX

### 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	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.3	0.7	1.2	1.6	2.0	2.0	1.6	1.2	0.7	0.3	0.1	0.0				
40	0.0	0.0	0.3	1.1	2.2	3.4	4.7	5.5	5.5	4.7	3.4	2.2	1.1	0.3	0.0				
30		0.2	0.9	2.2	4.1	6.7	11.2	14.9	14.9	11.2	6.7	4.1	2.2	0.9	0.2				
20	0.1	0.3	1.4	3.4	6.4	15.7	49.2	90.2	90.2	49.2	15.7	6.4	3.4	1.4	0.3				
10		0.5	1.9	4.6	11.0	54.0	219.4	429.6	429.6	219.4	54.0	11.0	4.6	1.9	0.5				
0	0.1	0.7	2.3	5.5	15.8	102.8	443.0	868.3	868.3	443.0	102.8	15.8	5.5	2.3	0.7				
-10		0.8	2.5	5.8	16.9	107.7	454.6	920.7	920.7	454.6	107.7	16.9	5.8	2.5	0.8				
-20	0.2	0.8	2.6	5.6	13.9	66.2	251.4	487.2	487.2	251.4	66.2	13.9	5.6	2.6	0.8				
-30		0.8	2.5	5.2	10.2	25.7	77.8	138.9	138.9	77.8	25.7	10.2	5.2	2.5	0.8				
-40	0.2	0.7	2.2	4.5	7.7	12.7	20.7	27.7	27.7	20.7	12.7	7.7	4.5	2.2	0.7				
-50		0.6	1.8	3.7	6.1	8.7	11.5	12.9	12.9	11.5	8.7	6.1	3.7	1.8	0.6				
-60	0.1	0.4	1.4	2.9	4.8	6.6	8.3	9.0	9.0	8.3	6.6	4.8	2.9	1.4	0.4				
-70		0.3	0.9	1.9	3.2	4.5	5.7	6.3	6.3	5.7	4.5	3.2	1.9	0.9	0.3				
-80	0.0	0.7	3.1	6.6	8.4	6.6	3.1	0.7	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

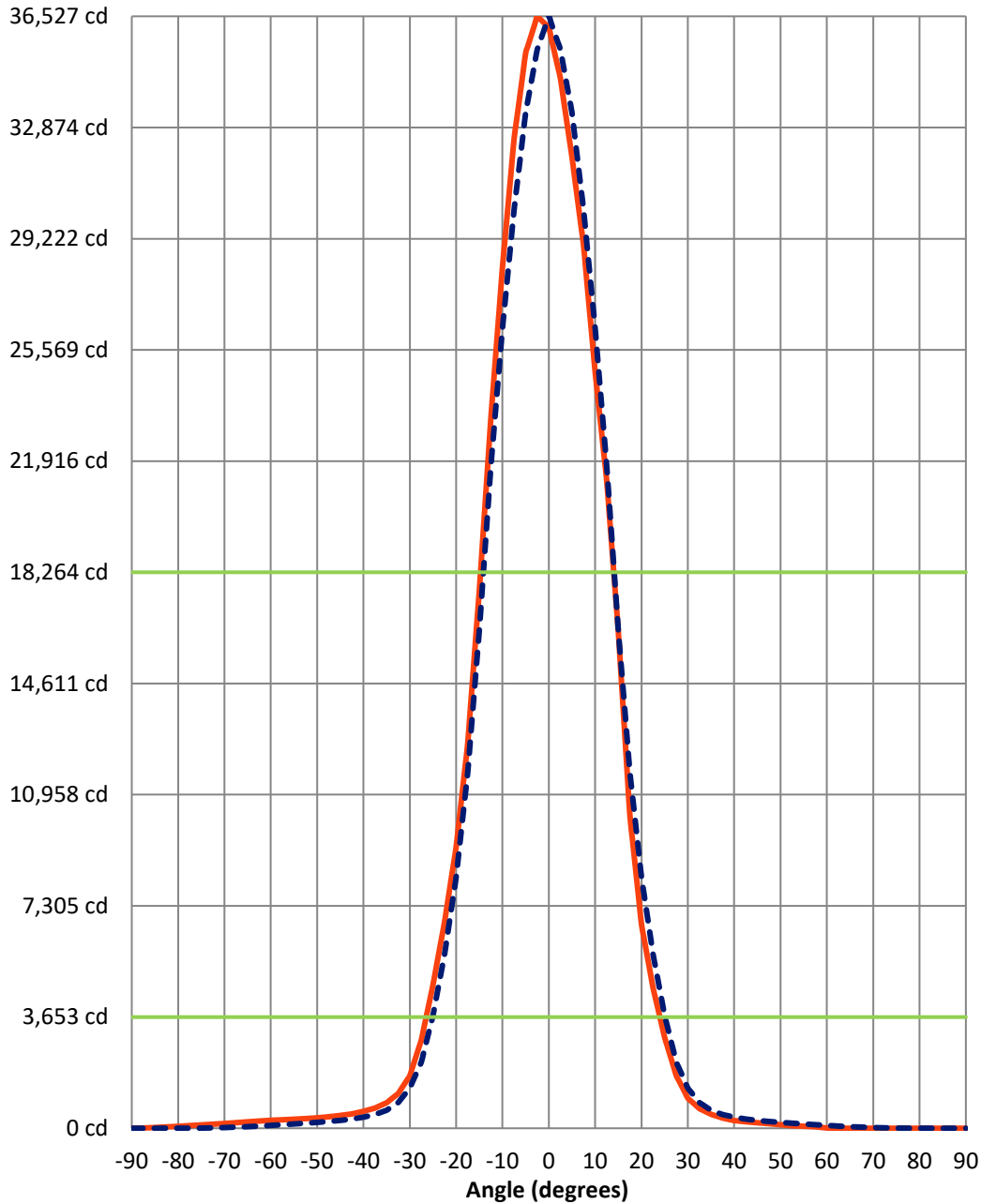
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 5180  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 8901.1  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 1458.9  
 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	0	1
57.5°	0	0	0	0	0	0	0	0	0	1	1
55°	0	0	0	0	0	0	0	0	1	1	1
52.5°	0	0	0	0	0	0	0	1	2	2	1
50°	0	0	0	0	0	0	1	1	2	2	2
47.5°	0	0	0	0	0	0	1	2	2	2	2
45°	0	0	0	0	0	1	1	2	2	2	2
42.5°	0	0	0	0	0	1	2	2	2	2	4
40°	0	0	0	0	0	1	2	2	2	2	5
37.5°	0	0	0	0	0	2	2	2	3	3	8
35°	0	0	0	0	1	2	2	2	3	6	10
32.5°	0	0	0	0	1	2	2	2	4	8	13
30°	0	0	0	0	1	2	2	2	5	10	15
27.5°	0	0	0	0	1	2	2	3	7	12	18
25°	0	0	0	0	1	2	2	4	8	14	22
22.5°	0	0	0	0	2	2	2	5	10	16	26
20°	0	0	0	0	2	2	2	6	11	19	30
17.5°	0	0	0	0	2	2	2	7	13	22	33
15°	0	0	0	0	2	2	3	8	14	24	36
12.5°	0	0	0	0	2	2	3	9	15	27	39
10°	0	0	0	0	2	2	3	10	16	29	42
7.5°	0	0	0	0	2	2	4	11	18	31	45
5°	0	0	0	0	2	2	4	12	19	33	47
2.5°	0	0	0	0	2	2	4	13	20	35	49
0°	0	0	0	0	2	2	5	14	21	37	51
-2.5°	0	0	0	0	2	3	6	14	23	38	52
-5°	0	0	0	0	2	3	6	14	25	39	53
-7.5°	0	0	0	0	2	3	7	14	26	40	54
-10°	0	0	0	1	2	3	8	15	27	41	55
-12.5°	0	0	0	1	2	3	8	15	28	41	56
-15°	0	0	0	1	2	4	9	15	28	42	57
-17.5°	0	0	0	1	2	4	9	15	28	42	58
-20°	0	0	0	1	2	4	9	16	28	42	57

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REPORT NUMBER: P626904 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-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	9	17	27	41	57
-25°	0	0	0	1	2	4	10	17	26	41	55
-27.5°	0	0	0	1	2	4	10	17	25	39	54
-30°	0	0	0	1	2	4	9	17	25	38	52
-32.5°	0	0	0	1	3	5	9	17	25	37	50
-35°	0	0	0	1	3	5	9	17	25	35	48
-37.5°	0	0	0	1	3	5	9	16	24	34	46
-40°	0	0	0	1	3	5	9	16	23	33	45
-42.5°	0	0	0	1	3	5	9	15	23	32	44
-45°	0	0	0	0	3	5	9	15	22	30	41
-47.5°	0	0	0	0	3	5	8	14	21	28	39
-50°	0	0	0	0	3	5	8	13	20	27	37
-52.5°	0	0	0	0	2	5	8	12	18	25	33
-55°	0	0	0	0	2	4	7	11	17	23	31
-57.5°	0	0	0	0	2	4	7	10	15	21	28
-60°	0	0	0	1	2	4	6	9	13	19	25
-62.5°	0	0	0	1	2	3	6	8	12	17	23
-65°	0	0	0	1	2	3	5	7	11	15	20
-67.5°	0	0	0	1	1	3	5	7	9	13	17
-70°	0	0	0	0	1	3	4	6	8	11	15
-72.5°	0	0	0	0	1	2	4	5	7	10	13
-75°	0	0	0	0	1	2	3	4	6	8	10
-77.5°	0	0	0	0	1	2	3	4	5	6	7
-80°	0	0	0	0	1	1	2	3	4	4	5
-82.5°	0	0	0	0	1	1	2	2	2	3	4
-85°	0	0	0	0	0	1	1	1	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



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REPORT NUMBER: P626904 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	1	1
60°	0	0	0	1	0	1	1	2	2	2	5
57.5°	0	0	1	1	2	3	4	4	7	10	13
55°	1	1	2	2	3	5	7	11	15	20	24
52.5°	1	2	2	4	7	10	15	20	26	31	35
50°	2	3	3	7	11	17	24	31	37	41	48
47.5°	3	4	7	12	18	26	35	41	46	55	64
45°	4	7	11	17	25	36	44	50	59	69	79
42.5°	6	10	16	23	35	46	54	62	72	83	93
40°	9	14	22	32	45	55	65	75	85	97	109
37.5°	12	19	28	41	54	65	76	88	100	113	126
35°	15	24	36	49	62	76	88	101	116	131	146
32.5°	18	30	43	57	71	86	100	116	132	148	166
30°	24	36	49	64	79	95	113	131	147	165	185
27.5°	29	41	56	71	87	104	125	144	161	180	202
25°	34	46	62	78	95	115	137	156	174	196	221
22.5°	38	52	69	84	102	125	148	170	190	211	241
20°	43	58	75	92	110	135	160	183	207	234	267
17.5°	47	64	82	100	120	145	171	197	224	257	298
15°	51	69	88	108	130	155	182	211	242	281	328
12.5°	55	73	94	115	138	164	192	222	258	304	363
10°	59	78	100	122	145	172	201	232	271	321	389
7.5°	62	82	105	127	151	179	208	241	281	334	410
5°	65	86	109	132	156	185	214	248	290	345	427
2.5°	67	89	112	135	160	188	218	252	295	355	440
0°	69	92	115	138	163	191	221	255	299	363	448
-2.5°	71	95	118	141	166	193	223	258	303	366	451
-5°	73	97	120	143	169	195	225	259	305	366	452
-7.5°	74	99	121	145	170	196	226	260	306	366	451
-10°	75	100	122	146	172	197	226	260	304	362	444
-12.5°	76	100	123	147	172	198	225	258	300	355	430
-15°	77	100	123	146	172	198	223	254	293	346	411
-17.5°	78	100	122	145	171	196	221	250	287	336	398
-20°	77	100	121	143	168	194	218	247	281	324	380

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CATALOG NUMBER: GFLD-SA2C-730-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°	77	99	120	141	165	190	215	242	274	310	360
-25°	76	98	118	139	162	186	211	235	266	301	343
-27.5°	74	96	116	136	158	181	205	229	257	289	326
-30°	71	93	113	133	154	176	198	222	247	277	311
-32.5°	68	90	109	129	150	171	191	214	239	264	294
-35°	65	86	105	125	146	166	185	205	229	253	278
-37.5°	63	81	101	119	139	159	177	196	217	241	264
-40°	60	77	96	114	132	152	170	187	206	229	251
-42.5°	58	74	91	109	126	144	162	179	197	217	238
-45°	55	70	87	103	120	136	154	171	188	207	226
-47.5°	52	67	82	97	114	130	145	162	180	197	214
-50°	49	63	77	91	106	123	138	153	169	186	203
-52.5°	45	58	71	84	99	114	130	145	159	173	190
-55°	40	53	65	77	90	104	120	134	149	163	177
-57.5°	37	47	59	71	82	94	109	123	137	151	165
-60°	33	41	52	63	75	86	98	111	125	138	151
-62.5°	29	37	45	55	66	77	88	100	112	123	134
-65°	26	32	39	48	57	67	77	88	99	108	117
-67.5°	22	27	33	40	48	56	65	74	84	93	101
-70°	19	23	28	33	40	46	54	62	69	77	84
-72.5°	16	19	23	26	32	38	44	50	56	63	70
-75°	13	16	19	22	26	30	35	41	46	51	56
-77.5°	10	12	15	17	20	24	28	32	36	40	45
-80°	7	9	11	13	15	18	20	23	26	29	33
-82.5°	5	6	8	9	11	12	13	15	17	20	22
-85°	3	3	4	6	6	7	8	8	10	11	13
-87.5°	1	2	2	3	3	3	3	3	4	4	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626904 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-730-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	0	0	0	0
62.5°	1	1	2	2	3	3	3	3	3	3	3
60°	6	6	9	11	10	8	11	13	12	11	11
57.5°	16	20	23	24	27	32	34	33	33	35	39
55°	28	31	34	38	43	47	51	53	56	59	62
52.5°	38	44	47	52	59	62	64	70	76	80	83
50°	55	60	66	73	79	84	89	95	103	111	116
47.5°	72	79	87	96	103	108	114	123	133	142	148
45°	88	96	106	115	122	130	139	149	160	169	176
42.5°	102	111	122	132	139	150	163	174	187	199	208
40°	119	128	143	153	162	174	193	209	224	239	248
37.5°	139	154	170	183	195	210	235	260	280	299	313
35°	162	180	200	215	233	261	293	327	361	388	413
32.5°	184	205	225	248	276	316	355	410	461	513	562
30°	205	227	252	281	326	382	446	530	621	712	815
27.5°	226	251	281	327	395	471	590	722	910	1062	1306
25°	249	278	318	391	486	619	826	1062	1451	1784	2159
22.5°	277	321	378	470	628	868	1190	1703	2301	2857	3387
20°	312	371	469	615	841	1211	1822	2600	3432	4245	5031
17.5°	358	451	591	799	1120	1897	2806	3918	5342	6412	7426
15°	399	517	729	1066	1670	2670	3940	5644	7561	9173	10996
12.5°	449	591	846	1284	2147	3469	5088	7119	9388	11835	14691
10°	492	667	995	1597	2644	4183	5997	8382	11296	14758	18368
7.5°	525	730	1119	1832	3063	4768	6932	9833	13524	17570	21687
5°	551	779	1217	2016	3419	5244	7615	10981	15188	19832	23926
2.5°	571	814	1282	2130	3660	5568	8082	11591	16206	21310	25608
0°	586	835	1318	2210	3772	5722	8298	11838	16683	22033	26453
-2.5°	592	846	1320	2182	3704	5713	8248	11686	16354	21746	26274
-5°	594	840	1286	2124	3583	5508	7917	11112	15349	20406	24995
-7.5°	590	818	1219	1982	3312	5146	7456	10261	13733	18192	22935
-10°	574	779	1127	1789	2939	4582	6738	9108	11882	15522	19365
-12.5°	545	720	1001	1500	2500	3943	5852	7947	10109	12501	15663
-15°	511	660	898	1324	2093	3272	4818	6587	8382	10213	12142
-17.5°	484	608	793	1090	1607	2560	3797	5218	6674	8129	9427
-20°	451	545	690	921	1297	1860	2791	3897	4984	6171	7166

Classified

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

Scaled Data Report



REPORT NUMBER: P626904 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-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°	422	502	610	756	1008	1405	1935	2714	3541	4402	5219
-25°	394	454	540	657	808	1044	1394	1801	2381	2911	3518
-27.5°	370	421	479	566	680	809	1024	1262	1566	1819	2224
-30°	348	388	436	492	576	674	789	934	1082	1232	1426
-32.5°	326	360	398	443	495	569	640	733	814	904	996
-35°	305	336	367	402	442	491	545	606	660	714	763
-37.5°	288	313	340	368	400	434	476	519	556	591	621
-40°	272	293	316	339	365	392	425	457	482	504	523
-42.5°	259	277	295	315	336	361	387	411	428	444	456
-45°	246	262	278	294	311	333	355	374	387	399	409
-47.5°	231	246	261	276	292	310	327	341	353	363	370
-50°	218	232	245	258	273	288	303	315	326	335	339
-52.5°	204	218	231	244	256	268	280	292	302	312	315
-55°	191	205	217	229	241	252	263	273	282	291	294
-57.5°	179	192	205	215	225	235	245	255	264	272	275
-60°	164	178	189	198	208	218	227	236	244	252	256
-62.5°	147	159	169	178	187	196	204	212	220	226	230
-65°	126	137	147	156	164	171	179	186	193	198	201
-67.5°	108	116	125	133	141	148	155	162	168	172	175
-70°	92	99	106	113	121	127	133	139	144	148	151
-72.5°	76	82	89	95	102	108	113	118	122	126	128
-75°	62	67	73	78	84	88	93	97	101	103	106
-77.5°	49	53	57	61	66	69	73	76	79	81	83
-80°	36	40	43	46	49	51	54	57	59	61	63
-82.5°	25	27	29	32	34	36	37	39	40	41	43
-85°	14	16	17	19	20	21	22	23	24	25	26
-87.5°	6	6	7	8	8	8	9	9	9	10	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626904 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	3	2	2	2	2	2	3	3	3	3	3
60°	10	9	9	9	9	9	10	11	11	12	13
57.5°	43	46	48	48	48	46	43	39	35	33	33
55°	65	67	68	67	68	67	65	62	59	56	53
52.5°	84	85	84	83	84	85	84	83	80	76	70
50°	117	117	117	117	117	117	117	116	111	103	95
47.5°	151	152	153	152	153	152	151	148	142	133	123
45°	180	182	183	182	183	182	180	176	169	160	149
42.5°	211	213	213	214	213	213	211	208	199	187	174
40°	253	254	254	253	254	254	253	248	239	224	209
37.5°	323	328	330	336	330	328	323	313	299	280	260
35°	432	444	450	460	450	444	432	413	388	361	327
32.5°	597	621	634	646	634	621	597	562	513	461	410
30°	887	934	954	989	954	934	887	815	712	621	530
27.5°	1485	1597	1642	1734	1642	1597	1485	1306	1062	910	722
25°	2501	2743	2877	2983	2877	2743	2501	2159	1784	1451	1062
22.5°	3921	4277	4466	4607	4466	4277	3921	3387	2857	2301	1703
20°	5743	6212	6492	6695	6492	6212	5743	5031	4245	3432	2600
17.5°	8728	9465	9896	10267	9896	9465	8728	7426	6412	5342	3918
15°	13031	14512	15663	16304	15663	14512	13031	10996	9173	7561	5644
12.5°	17216	19385	20674	21267	20674	19385	17216	14691	11835	9388	7119
10°	21355	23401	24627	24844	24627	23401	21355	18368	14758	11296	8382
7.5°	24524	26773	28403	28995	28403	26773	24524	21687	17570	13524	9833
5°	27322	29957	31681	31900	31681	29957	27322	23926	19832	15188	10981
2.5°	29381	32245	33917	34492	33917	32245	29381	25608	21310	16206	11591
0°	30377	33461	35322	36159	35322	33461	30377	26453	22033	16683	11838
-2.5°	30168	33358	35434	36527	35434	33358	30168	26274	21746	16354	11686
-5°	29021	32220	34156	35317	34156	32220	29021	24995	20406	15349	11112
-7.5°	26375	29367	31429	32500	31429	29367	26375	22935	18192	13733	10261
-10°	22967	25499	27378	28291	27378	25499	22967	19365	15522	11882	9108
-12.5°	18538	20994	22689	23335	22689	20994	18538	15663	12501	10109	7947
-15°	14203	16078	17282	17663	17282	16078	14203	12142	10213	8382	6587
-17.5°	10771	11780	12458	12640	12458	11780	10771	9427	8129	6674	5218
-20°	8070	8695	9135	9239	9135	8695	8070	7166	6171	4984	3897

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REPORT NUMBER: P626904 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-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°	5880	6350	6705	6776	6705	6350	5880	5219	4402	3541	2714
-25°	4056	4449	4690	4708	4690	4449	4056	3518	2911	2381	1801
-27.5°	2543	2759	2870	2909	2870	2759	2543	2224	1819	1566	1262
-30°	1571	1671	1723	1725	1723	1671	1571	1426	1232	1082	934
-32.5°	1067	1115	1141	1141	1141	1115	1067	996	904	814	733
-35°	799	824	838	840	838	824	799	763	714	660	606
-37.5°	643	656	663	665	663	656	643	621	591	556	519
-40°	537	547	553	557	553	547	537	523	504	482	457
-42.5°	465	471	474	472	474	471	465	456	444	428	411
-45°	414	418	420	421	420	418	414	409	399	387	374
-47.5°	374	375	377	377	377	375	374	370	363	353	341
-50°	342	343	344	343	344	343	342	339	335	326	315
-52.5°	316	317	317	317	317	317	316	315	312	302	292
-55°	295	296	296	297	296	296	295	294	291	282	273
-57.5°	277	279	279	278	279	279	277	275	272	264	255
-60°	259	261	262	262	262	261	259	256	252	244	236
-62.5°	233	235	237	237	237	235	233	230	226	220	212
-65°	204	206	209	212	209	206	204	201	198	193	186
-67.5°	177	178	181	184	181	178	177	175	172	168	162
-70°	153	156	156	156	156	156	153	151	148	144	139
-72.5°	131	133	133	133	133	133	131	128	126	122	118
-75°	108	110	110	110	110	110	108	106	103	101	97
-77.5°	85	87	87	87	87	87	85	83	81	79	76
-80°	65	66	65	64	65	66	65	63	61	59	57
-82.5°	44	46	45	44	45	46	44	43	41	40	39
-85°	27	27	26	25	26	27	27	26	25	24	23
-87.5°	11	11	10	9	10	11	11	10	10	9	9
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626904 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-730-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	2	2	1	1	1	1	0	0
60°	11	8	10	11	9	6	6	5	2	2	2
57.5°	34	32	27	24	23	20	16	13	10	7	4
55°	51	47	43	38	34	31	28	24	20	15	11
52.5°	64	62	59	52	47	44	38	35	31	26	20
50°	89	84	79	73	66	60	55	48	41	37	31
47.5°	114	108	103	96	87	79	72	64	55	46	41
45°	139	130	122	115	106	96	88	79	69	59	50
42.5°	163	150	139	132	122	111	102	93	83	72	62
40°	193	174	162	153	143	128	119	109	97	85	75
37.5°	235	210	195	183	170	154	139	126	113	100	88
35°	293	261	233	215	200	180	162	146	131	116	101
32.5°	355	316	276	248	225	205	184	166	148	132	116
30°	446	382	326	281	252	227	205	185	165	147	131
27.5°	590	471	395	327	281	251	226	202	180	161	144
25°	826	619	486	391	318	278	249	221	196	174	156
22.5°	1190	868	628	470	378	321	277	241	211	190	170
20°	1822	1211	841	615	469	371	312	267	234	207	183
17.5°	2806	1897	1120	799	591	451	358	298	257	224	197
15°	3940	2670	1670	1066	729	517	399	328	281	242	211
12.5°	5088	3469	2147	1284	846	591	449	363	304	258	222
10°	5997	4183	2644	1597	995	667	492	389	321	271	232
7.5°	6932	4768	3063	1832	1119	730	525	410	334	281	241
5°	7615	5244	3419	2016	1217	779	551	427	345	290	248
2.5°	8082	5568	3660	2130	1282	814	571	440	355	295	252
0°	8298	5722	3772	2210	1318	835	586	448	363	299	255
-2.5°	8248	5713	3704	2182	1320	846	592	451	366	303	258
-5°	7917	5508	3583	2124	1286	840	594	452	366	305	259
-7.5°	7456	5146	3312	1982	1219	818	590	451	366	306	260
-10°	6738	4582	2939	1789	1127	779	574	444	362	304	260
-12.5°	5852	3943	2500	1500	1001	720	545	430	355	300	258
-15°	4818	3272	2093	1324	898	660	511	411	346	293	254
-17.5°	3797	2560	1607	1090	793	608	484	398	336	287	250
-20°	2791	1860	1297	921	690	545	451	380	324	281	247

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Cooper Lighting Solutions Photometric Lab  
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REPORT NUMBER: P626904 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-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°	1935	1405	1008	756	610	502	422	360	310	274	242
-25°	1394	1044	808	657	540	454	394	343	301	266	235
-27.5°	1024	809	680	566	479	421	370	326	289	257	229
-30°	789	674	576	492	436	388	348	311	277	247	222
-32.5°	640	569	495	443	398	360	326	294	264	239	214
-35°	545	491	442	402	367	336	305	278	253	229	205
-37.5°	476	434	400	368	340	313	288	264	241	217	196
-40°	425	392	365	339	316	293	272	251	229	206	187
-42.5°	387	361	336	315	295	277	259	238	217	197	179
-45°	355	333	311	294	278	262	246	226	207	188	171
-47.5°	327	310	292	276	261	246	231	214	197	180	162
-50°	303	288	273	258	245	232	218	203	186	169	153
-52.5°	280	268	256	244	231	218	204	190	173	159	145
-55°	263	252	241	229	217	205	191	177	163	149	134
-57.5°	245	235	225	215	205	192	179	165	151	137	123
-60°	227	218	208	198	189	178	164	151	138	125	111
-62.5°	204	196	187	178	169	159	147	134	123	112	100
-65°	179	171	164	156	147	137	126	117	108	99	88
-67.5°	155	148	141	133	125	116	108	101	93	84	74
-70°	133	127	121	113	106	99	92	84	77	69	62
-72.5°	113	108	102	95	89	82	76	70	63	56	50
-75°	93	88	84	78	73	67	62	56	51	46	41
-77.5°	73	69	66	61	57	53	49	45	40	36	32
-80°	54	51	49	46	43	40	36	33	29	26	23
-82.5°	37	36	34	32	29	27	25	22	20	17	15
-85°	22	21	20	19	17	16	14	13	11	10	8
-87.5°	9	8	8	8	7	6	6	5	4	4	3
-90°	0	0	0	0	0	0	0	0	0	0	0



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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626904 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	1	1	0	1	0	0	0	1	0	0	0
57.5°	4	3	2	1	1	0	0	1	1	0	0
55°	7	5	3	2	2	1	1	1	1	1	0
52.5°	15	10	7	4	2	2	1	1	2	2	1
50°	24	17	11	7	3	3	2	2	2	2	1
47.5°	35	26	18	12	7	4	3	2	2	2	2
45°	44	36	25	17	11	7	4	2	2	2	2
42.5°	54	46	35	23	16	10	6	4	2	2	2
40°	65	55	45	32	22	14	9	5	2	2	2
37.5°	76	65	54	41	28	19	12	8	3	3	2
35°	88	76	62	49	36	24	15	10	6	3	2
32.5°	100	86	71	57	43	30	18	13	8	4	2
30°	113	95	79	64	49	36	24	15	10	5	2
27.5°	125	104	87	71	56	41	29	18	12	7	3
25°	137	115	95	78	62	46	34	22	14	8	4
22.5°	148	125	102	84	69	52	38	26	16	10	5
20°	160	135	110	92	75	58	43	30	19	11	6
17.5°	171	145	120	100	82	64	47	33	22	13	7
15°	182	155	130	108	88	69	51	36	24	14	8
12.5°	192	164	138	115	94	73	55	39	27	15	9
10°	201	172	145	122	100	78	59	42	29	16	10
7.5°	208	179	151	127	105	82	62	45	31	18	11
5°	214	185	156	132	109	86	65	47	33	19	12
2.5°	218	188	160	135	112	89	67	49	35	20	13
0°	221	191	163	138	115	92	69	51	37	21	14
-2.5°	223	193	166	141	118	95	71	52	38	23	14
-5°	225	195	169	143	120	97	73	53	39	25	14
-7.5°	226	196	170	145	121	99	74	54	40	26	14
-10°	226	197	172	146	122	100	75	55	41	27	15
-12.5°	225	198	172	147	123	100	76	56	41	28	15
-15°	223	198	172	146	123	100	77	57	42	28	15
-17.5°	221	196	171	145	122	100	78	58	42	28	15
-20°	218	194	168	143	121	100	77	57	42	28	16

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REPORT NUMBER: P626904 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-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°	215	190	165	141	120	99	77	57	41	27	17
-25°	211	186	162	139	118	98	76	55	41	26	17
-27.5°	205	181	158	136	116	96	74	54	39	25	17
-30°	198	176	154	133	113	93	71	52	38	25	17
-32.5°	191	171	150	129	109	90	68	50	37	25	17
-35°	185	166	146	125	105	86	65	48	35	25	17
-37.5°	177	159	139	119	101	81	63	46	34	24	16
-40°	170	152	132	114	96	77	60	45	33	23	16
-42.5°	162	144	126	109	91	74	58	44	32	23	15
-45°	154	136	120	103	87	70	55	41	30	22	15
-47.5°	145	130	114	97	82	67	52	39	28	21	14
-50°	138	123	106	91	77	63	49	37	27	20	13
-52.5°	130	114	99	84	71	58	45	33	25	18	12
-55°	120	104	90	77	65	53	40	31	23	17	11
-57.5°	109	94	82	71	59	47	37	28	21	15	10
-60°	98	86	75	63	52	41	33	25	19	13	9
-62.5°	88	77	66	55	45	37	29	23	17	12	8
-65°	77	67	57	48	39	32	26	20	15	11	7
-67.5°	65	56	48	40	33	27	22	17	13	9	7
-70°	54	46	40	33	28	23	19	15	11	8	6
-72.5°	44	38	32	26	23	19	16	13	10	7	5
-75°	35	30	26	22	19	16	13	10	8	6	4
-77.5°	28	24	20	17	15	12	10	7	6	5	4
-80°	20	18	15	13	11	9	7	5	4	4	3
-82.5°	13	12	11	9	8	6	5	4	3	2	2
-85°	8	7	6	6	4	3	3	2	2	2	1
-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: P626904 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	1	0	0	0	0	0	0
45°	1	1	0	0	0	0	0
42.5°	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°	2	2	1	0	0	0	0
30°	2	2	1	0	0	0	0
27.5°	2	2	1	0	0	0	0
25°	2	2	1	0	0	0	0
22.5°	2	2	2	0	0	0	0
20°	2	2	2	0	0	0	0
17.5°	2	2	2	0	0	0	0
15°	3	2	2	0	0	0	0
12.5°	3	2	2	0	0	0	0
10°	3	2	2	0	0	0	0
7.5°	4	2	2	0	0	0	0
5°	4	2	2	0	0	0	0
2.5°	4	2	2	0	0	0	0
0°	5	2	2	0	0	0	0
-2.5°	6	3	2	0	0	0	0
-5°	6	3	2	0	0	0	0
-7.5°	7	3	2	0	0	0	0
-10°	8	3	2	1	0	0	0
-12.5°	8	3	2	1	0	0	0
-15°	9	4	2	1	0	0	0
-17.5°	9	4	2	1	0	0	0
-20°	9	4	2	1	0	0	0

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REPORT NUMBER: P626904 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)