

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: P627146 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-730-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627146 (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-SA3C-730-U-MWR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (48) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 14893.9 lumens  
Efficiency: N/A  
Efficacy: 122.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 20866.1 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 9975.9 lumens  
Beam Efficiency: 67.0%

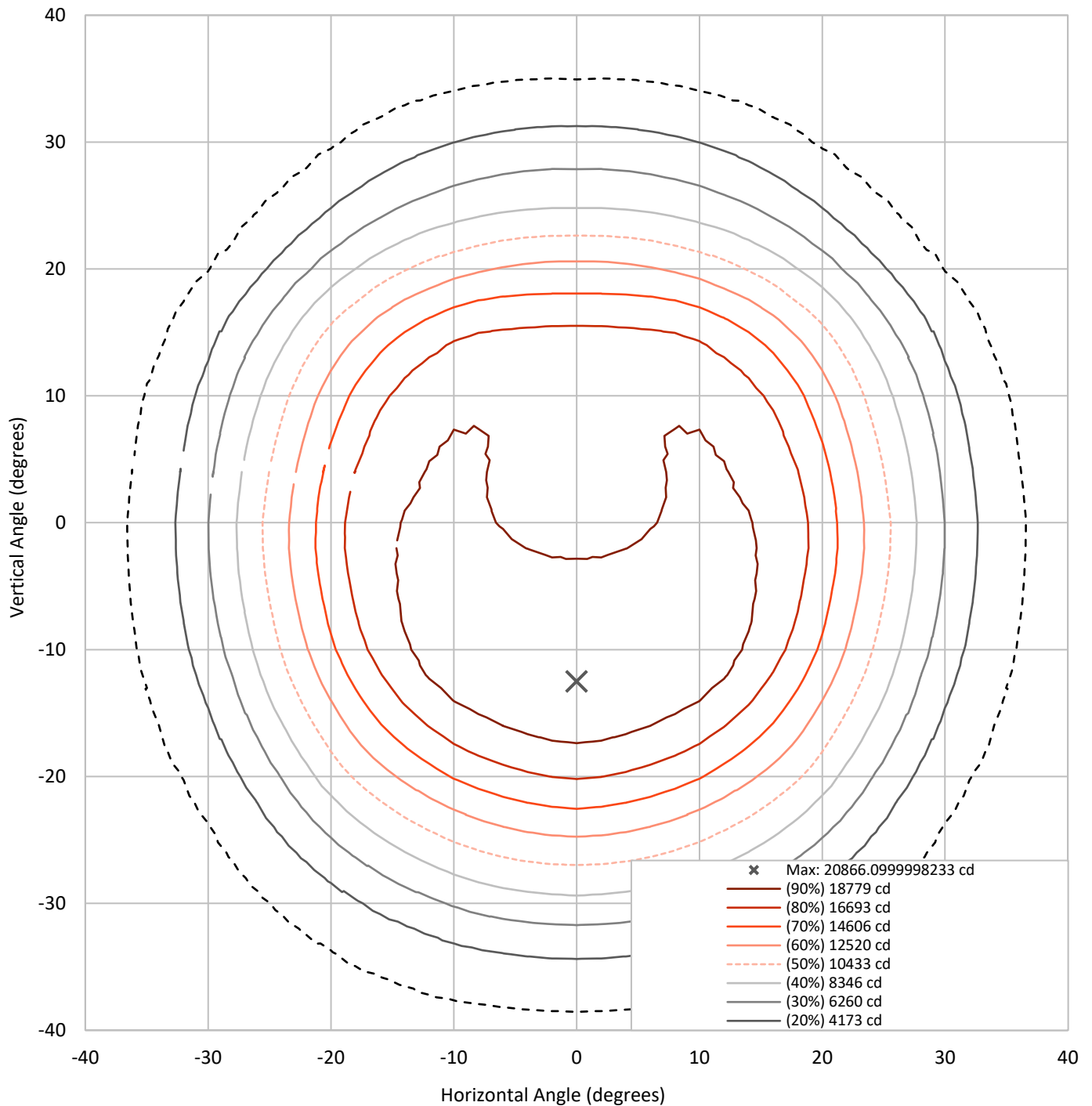
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 13424.5 lumens  
Field Efficiency: 90.1%

Input Watts (W): 121.7  
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



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### Iso-Candela Plot





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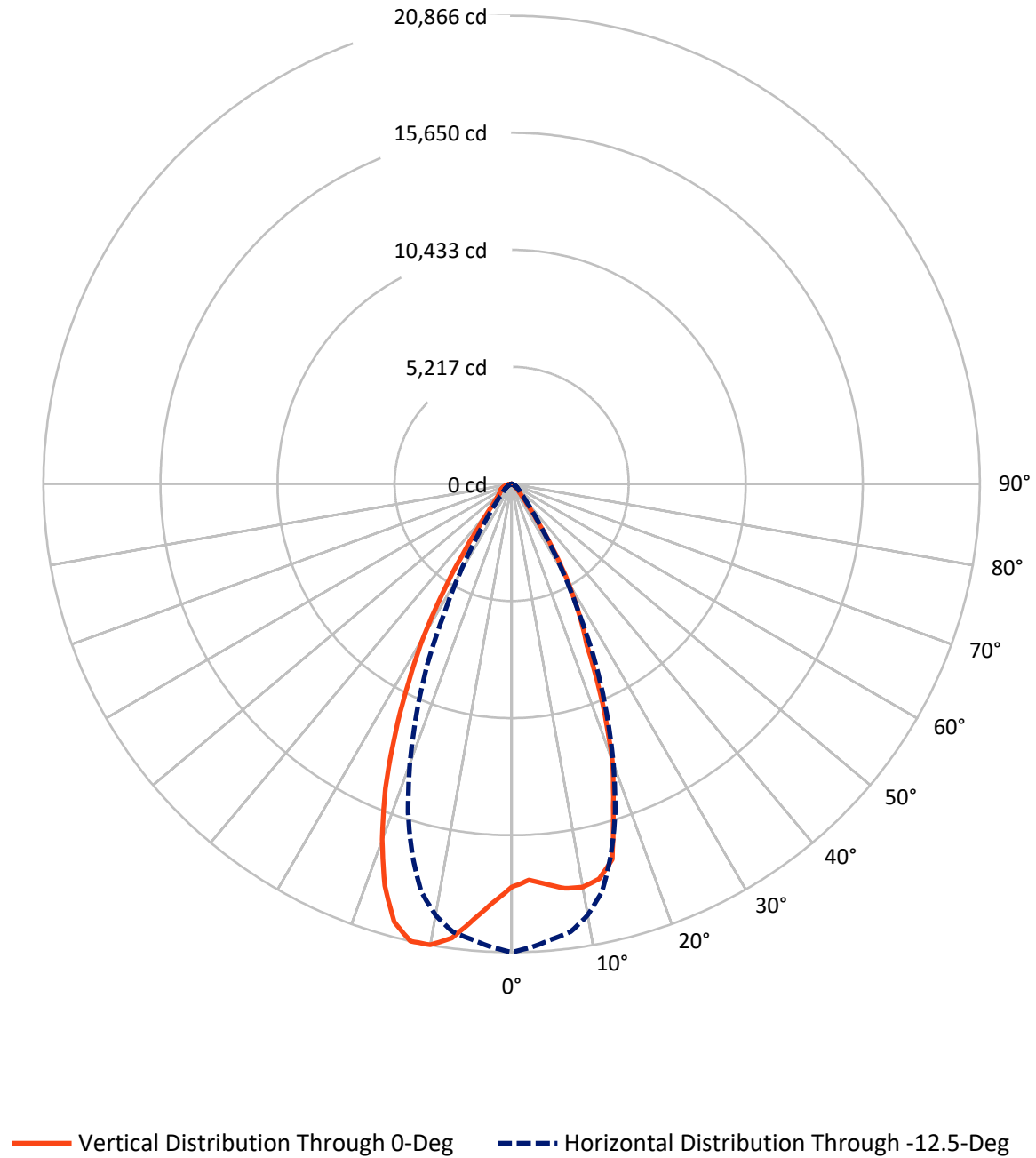
CATALOG NUMBER: GFLD-SA3C-730-U-MWR-VSR-XX

### Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.5	1.2	2.0	2.8	3.3	3.3	2.8	2.0	1.2	0.5	0.1		0.0			
40	0.1	0.1	0.6	2.1	4.2	6.8	10.2	12.5	12.5	10.2	6.8	4.2	2.1	0.6	0.1	0.1			
30		0.3	1.7	4.3	8.9	19.3	44.0	67.1	67.1	44.0	19.3	8.9	4.3	1.7	0.3				
20	0.2	0.6	2.8	7.0	18.7	69.2	178.3	249.2	249.2	178.3	69.2	18.7	7.0	2.8	0.6	0.2			
10		1.0	3.9	10.8	44.5	192.3	401.1	496.6	496.6	401.1	192.3	44.5	10.8	3.9	1.0				
0	0.3	1.3	4.8	13.9	70.8	283.1	517.2	560.7	560.7	517.2	283.1	70.8	13.9	4.8	1.3	0.3			
-10		1.5	5.3	14.8	74.1	292.4	535.8	595.1	595.1	535.8	292.4	74.1	14.8	5.3	1.5				
-20	0.4	1.6	5.4	13.5	53.0	217.7	452.0	577.1	577.1	452.0	217.7	53.0	13.5	5.4	1.6	0.4			
-30		1.6	5.1	11.2	29.6	105.6	251.8	354.4	354.4	251.8	105.6	29.6	11.2	5.1	1.6				
-40	0.4	1.4	4.6	9.3	17.7	37.6	78.7	116.8	116.8	78.7	37.6	17.7	9.3	4.6	1.4	0.4			
-50		1.2	3.8	7.8	12.9	19.1	26.8	31.8	31.8	26.8	19.1	12.9	7.8	3.8	1.2				
-60	0.3	0.9	2.9	6.1	10.2	14.1	17.5	19.2	19.2	17.5	14.1	10.2	6.1	2.9	0.9	0.3			
-70		0.6	1.8	4.2	7.1	10.1	12.7	14.2	14.2	12.7	10.1	7.1	4.2	1.8	0.6				
-80	0.1	1.6	7.5	16.0	20.5	16.0	7.5	1.6	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

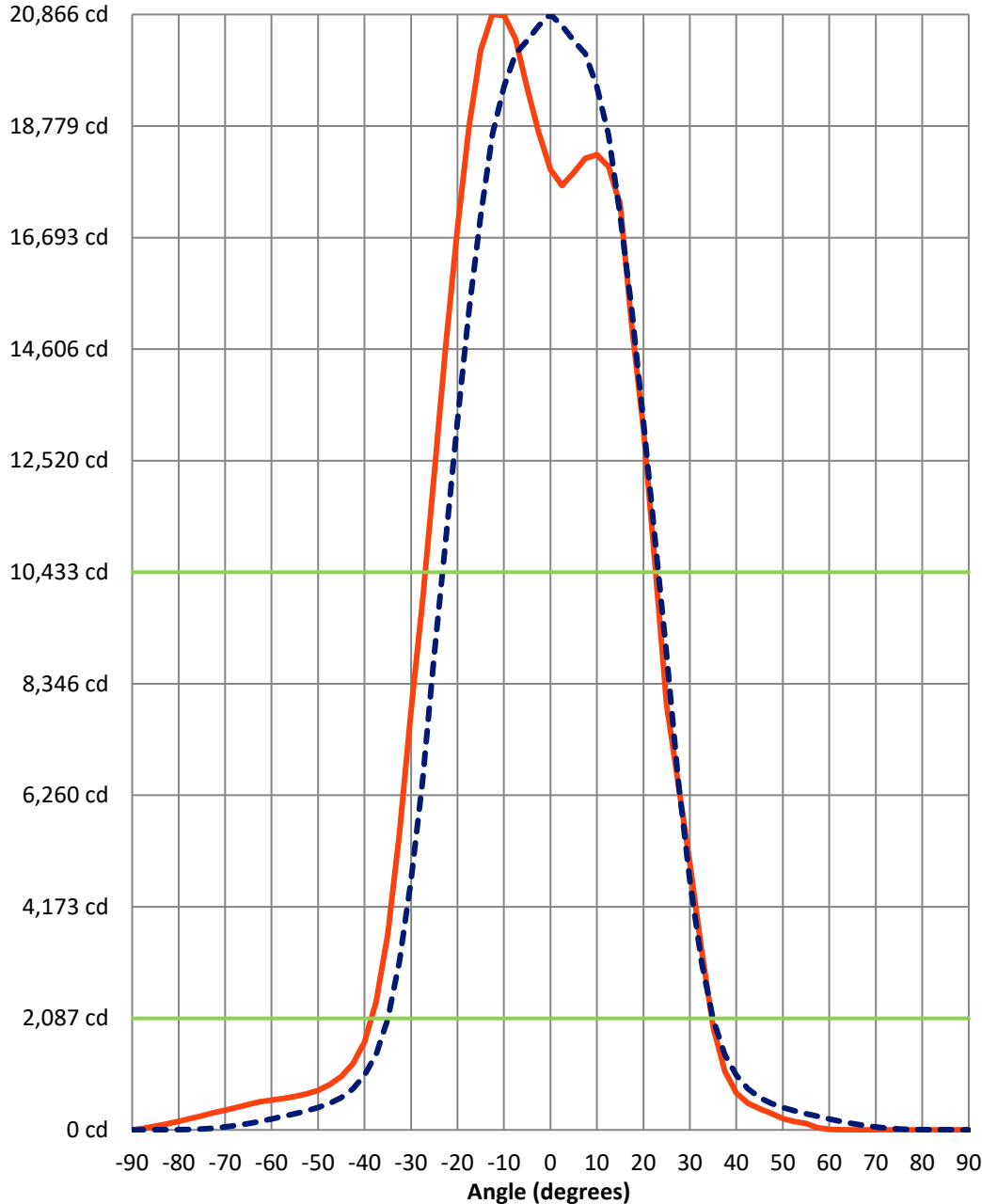
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 9975.9  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 13424.5  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 1469.3  
 Efficiency: 9.9%

— 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	1	0	0	0	0	0
70°	0	0	0	0	1	1	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	1	0
65°	0	0	0	1	1	1	0	0	1	1	1
62.5°	0	0	0	1	2	1	1	1	2	2	2
60°	0	0	0	1	2	1	1	2	2	2	3
57.5°	0	0	0	2	2	1	1	2	3	3	3
55°	0	0	0	2	2	2	2	3	3	3	3
52.5°	0	0	1	3	2	2	3	3	3	3	3
50°	0	0	1	3	2	2	3	4	3	3	4
47.5°	0	0	1	3	3	2	3	4	3	3	5
45°	0	0	1	3	3	3	4	4	4	4	6
42.5°	0	0	2	3	3	3	4	4	4	5	7
40°	0	0	2	3	3	3	4	5	4	6	8
37.5°	0	0	2	3	3	3	5	5	6	8	9
35°	0	0	2	3	3	4	5	5	7	10	13
32.5°	0	0	2	3	3	4	6	5	8	12	20
30°	0	0	2	3	3	4	6	6	9	15	27
27.5°	0	0	3	3	3	5	6	7	11	18	34
25°	0	0	3	3	3	5	6	8	14	23	40
22.5°	0	0	3	3	3	5	7	9	17	28	47
20°	0	0	3	3	3	6	7	10	19	33	54
17.5°	0	0	3	3	3	6	7	11	22	37	62
15°	0	0	3	3	3	6	7	13	25	41	69
12.5°	0	0	3	3	3	6	8	15	28	44	76
10°	0	0	3	3	3	7	8	18	31	49	83
7.5°	0	0	3	3	3	7	9	20	33	55	89
5°	0	0	3	3	3	7	9	23	35	61	93
2.5°	0	0	3	3	3	7	10	25	36	67	97
0°	0	0	3	3	3	7	10	27	38	72	99
-2.5°	0	0	3	3	4	7	12	28	42	75	104
-5°	0	0	3	3	4	8	14	29	47	78	109
-7.5°	0	0	3	3	4	8	15	30	51	80	113
-10°	0	0	3	3	5	8	17	30	54	82	116
-12.5°	0	0	3	3	5	8	18	31	57	84	118
-15°	0	0	3	3	5	8	19	31	57	85	119
-17.5°	0	0	3	3	5	9	19	32	57	85	119
-20°	0	1	3	3	5	9	19	33	56	85	118

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CATALOG NUMBER: GFLD-SA3C-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	1	3	3	5	9	20	34	55	84	115
-25°	0	1	3	3	5	9	20	35	54	82	110
-27.5°	0	1	3	3	5	10	19	35	53	79	108
-30°	0	1	3	3	5	10	19	34	52	77	105
-32.5°	0	1	3	3	5	11	19	33	52	75	100
-35°	0	1	3	3	5	11	19	32	50	72	95
-37.5°	0	1	3	3	6	11	19	31	48	70	94
-40°	0	1	3	3	6	11	19	30	45	67	92
-42.5°	0	1	3	3	6	11	19	29	43	64	89
-45°	0	1	3	4	6	11	18	28	41	60	85
-47.5°	0	1	3	4	6	11	18	27	39	55	80
-50°	0	1	3	4	6	11	17	26	37	53	74
-52.5°	0	1	3	4	6	10	17	24	35	50	67
-55°	0	1	3	4	6	10	16	23	34	47	63
-57.5°	0	1	3	4	6	10	15	22	32	44	59
-60°	0	1	3	4	6	9	14	21	29	41	54
-62.5°	0	1	3	4	6	9	13	19	27	37	50
-65°	0	1	3	4	6	8	12	18	25	34	45
-67.5°	0	1	2	4	6	8	11	16	22	30	40
-70°	0	1	2	4	5	7	10	14	19	26	34
-72.5°	0	0	2	4	5	7	9	12	17	22	28
-75°	0	0	2	3	5	7	8	11	14	18	23
-77.5°	0	0	1	3	4	6	8	10	12	14	18
-80°	0	0	1	2	3	5	7	8	10	12	15
-82.5°	0	0	1	2	3	4	5	7	9	10	12
-85°	0	0	1	1	2	3	4	5	6	7	9
-87.5°	0	0	0	1	1	1	2	2	3	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



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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	1	1	1	0	0	0	0	0	0	0
65°	2	2	2	1	0	1	1	1	0	0	0
62.5°	3	3	2	1	2	3	2	1	0	1	1
60°	3	3	2	3	3	3	2	2	3	3	8
57.5°	3	3	3	4	4	4	4	5	12	20	23
55°	3	3	4	5	5	6	9	19	29	35	38
52.5°	4	4	5	6	8	13	24	35	44	51	60
50°	4	5	7	9	15	27	40	52	64	75	88
47.5°	6	7	10	15	28	43	59	74	88	104	122
45°	7	11	15	26	42	61	81	99	113	131	148
42.5°	9	17	25	38	60	83	105	119	135	155	177
40°	14	23	36	55	79	106	126	141	158	186	212
37.5°	21	33	48	73	102	128	147	166	190	222	254
35°	29	42	64	92	124	148	169	193	227	263	301
32.5°	36	50	79	111	141	167	191	226	262	301	354
30°	44	64	95	129	157	185	218	257	293	341	403
27.5°	52	77	110	144	173	201	245	283	324	379	453
25°	61	91	125	158	188	223	272	312	354	424	523
22.5°	72	104	139	170	201	247	299	349	403	474	596
20°	83	116	152	185	215	269	327	389	463	561	721
17.5°	93	128	165	201	238	293	358	431	523	645	880
15°	103	138	177	216	260	318	389	478	590	741	1034
12.5°	111	147	188	231	279	340	416	513	645	863	1231
10°	119	155	200	245	296	360	440	543	690	950	1378
7.5°	126	164	210	259	310	377	460	567	730	1019	1493
5°	131	174	219	269	321	391	477	586	764	1069	1581
2.5°	136	183	227	277	329	402	490	603	796	1111	1656
0°	140	192	233	284	335	410	499	616	821	1139	1714
-2.5°	145	196	241	289	345	416	504	625	829	1143	1702
-5°	149	199	247	293	352	420	505	629	828	1134	1667
-7.5°	152	201	252	297	357	422	506	627	820	1115	1610
-10°	155	203	254	300	358	422	503	619	800	1079	1525
-12.5°	158	205	254	302	357	419	497	605	769	1023	1414
-15°	160	206	254	302	356	414	486	586	729	950	1278
-17.5°	161	206	253	299	353	408	471	563	691	885	1180
-20°	161	206	251	294	349	401	462	545	659	824	1061

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CATALOG NUMBER: GFLD-SA3C-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	160	204	249	290	342	394	450	523	619	754	946
-25°	156	202	246	288	334	385	436	499	583	702	862
-27.5°	151	198	241	283	326	375	423	481	554	646	774
-30°	143	192	235	277	319	365	411	460	524	604	706
-32.5°	136	186	227	269	311	354	398	443	498	564	644
-35°	131	177	220	259	300	343	384	426	472	530	599
-37.5°	128	169	212	249	288	329	369	409	451	498	560
-40°	123	160	203	240	275	315	354	392	431	477	525
-42.5°	118	154	193	231	265	301	338	375	414	456	501
-45°	113	147	184	219	253	287	323	357	395	436	477
-47.5°	107	138	174	205	239	273	307	341	375	412	453
-50°	99	129	162	191	221	255	290	324	357	389	424
-52.5°	91	118	149	178	205	234	269	304	337	369	399
-55°	83	107	135	164	191	217	247	282	315	346	377
-57.5°	76	97	122	149	176	203	230	260	292	322	353
-60°	70	87	108	134	161	186	213	241	270	299	327
-62.5°	63	78	96	117	142	168	193	219	246	271	296
-65°	57	69	84	101	121	145	169	194	219	241	262
-67.5°	50	61	73	86	103	123	143	165	188	210	230
-70°	43	53	63	74	87	103	121	139	158	177	196
-72.5°	36	45	53	62	74	87	101	116	132	148	165
-75°	29	36	44	52	61	72	84	96	109	122	136
-77.5°	23	29	35	41	48	57	66	76	86	97	107
-80°	18	22	27	32	37	43	50	57	64	73	82
-82.5°	14	17	20	23	27	31	35	40	46	52	58
-85°	10	12	14	16	18	20	23	26	29	33	37
-87.5°	5	6	7	8	9	10	11	12	14	16	18
-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°	1	1	1	1	1	1	2	2	2	2	3
60°	9	6	9	11	11	8	12	14	13	10	11
57.5°	24	26	30	35	38	41	44	47	50	51	53
55°	44	53	62	66	74	85	95	95	97	100	105
52.5°	70	81	85	94	108	117	122	130	138	146	154
50°	102	111	121	134	148	157	160	174	191	205	214
47.5°	134	146	165	188	200	210	224	242	261	281	297
45°	164	185	209	229	245	263	282	304	334	362	383
42.5°	198	222	246	270	287	316	350	376	419	456	480
40°	238	261	295	325	361	398	456	509	563	625	671
37.5°	285	321	370	417	470	525	628	734	820	942	1009
35°	342	398	467	537	622	755	906	1110	1322	1498	1669
32.5°	408	479	574	700	844	1056	1283	1658	2025	2390	2749
30°	473	576	722	895	1131	1467	1894	2474	3103	3654	4153
27.5°	559	706	895	1153	1555	2048	2836	3642	4443	5158	5672
25°	664	860	1127	1555	2135	2952	4009	4997	5937	6639	7229
22.5°	815	1109	1489	2033	3086	4222	5486	6730	7786	8670	9252
20°	1002	1400	2034	3021	4259	5681	7308	8616	9917	10911	11799
17.5°	1266	1900	2796	4050	5529	7425	9100	10559	12210	13226	14132
15°	1504	2319	3596	5195	6929	8938	10914	12701	14295	15411	16424
12.5°	1804	2765	4232	6113	8009	10246	12300	14213	15775	16924	17632
10°	2074	3221	4868	6835	8958	11294	13423	15415	16927	17815	18336
7.5°	2291	3600	5383	7453	9694	12046	14294	16271	17718	18461	18817
5°	2460	3881	5786	7959	10287	12693	14988	16923	18141	18756	18955
2.5°	2586	4077	6057	8292	10687	13171	15514	17421	18461	18904	18970
0°	2672	4215	6233	8502	11030	13343	15799	17736	18724	19080	19114
-2.5°	2652	4165	6226	8426	10991	13420	15845	17756	18814	19292	19370
-5°	2598	4048	6019	8210	10678	13111	15424	17441	18740	19462	19782
-7.5°	2494	3845	5666	7798	10172	12607	14965	17059	18553	19569	20195
-10°	2316	3550	5214	7277	9616	11936	14268	16441	18050	19273	20144
-12.5°	2074	3148	4664	6539	8890	11056	13264	15346	17102	18610	19511
-15°	1825	2730	4092	5807	7854	9988	12027	14070	15804	17214	18337
-17.5°	1647	2364	3429	4930	6728	8752	10741	12618	14182	15508	16686
-20°	1421	1954	2797	4060	5642	7411	9318	10988	12385	13628	14753

Classified

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

Scaled Data Report



REPORT NUMBER: P627146 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1242	1673	2283	3144	4565	6126	7685	9223	10536	11643	12604
-25°	1079	1382	1858	2559	3483	4831	6144	7443	8655	9684	10550
-27.5°	951	1192	1510	2008	2710	3496	4647	5733	6775	7716	8532
-30°	835	1016	1264	1576	2053	2637	3329	4141	4972	5715	6456
-32.5°	752	880	1051	1282	1549	1968	2386	2932	3459	4000	4532
-35°	677	780	896	1051	1234	1478	1754	2088	2369	2724	3050
-37.5°	625	698	787	884	1016	1152	1339	1541	1716	1913	2079
-40°	583	640	700	766	856	948	1068	1182	1293	1413	1503
-42.5°	547	593	636	687	740	814	895	966	1033	1104	1163
-45°	519	553	588	627	668	721	779	832	876	915	947
-47.5°	489	519	550	581	615	654	692	725	762	793	815
-50°	459	489	517	544	574	604	634	661	687	710	724
-52.5°	430	461	489	513	538	564	588	612	635	655	665
-55°	408	437	465	487	508	529	551	574	595	615	621
-57.5°	384	413	440	460	480	499	519	540	561	579	585
-60°	356	387	410	429	449	470	489	508	527	543	550
-62.5°	323	350	372	391	409	426	447	467	487	503	512
-65°	284	307	328	347	365	381	401	419	437	451	461
-67.5°	249	268	285	302	319	336	354	371	388	400	409
-70°	215	232	249	264	279	294	309	324	338	349	357
-72.5°	182	197	211	225	238	252	264	277	289	298	306
-75°	150	163	175	187	198	209	219	228	238	246	253
-77.5°	118	129	139	149	159	167	175	182	190	196	203
-80°	90	98	106	113	121	127	133	139	144	149	154
-82.5°	65	70	75	80	85	89	94	98	102	106	109
-85°	41	44	47	50	52	55	58	60	63	65	67
-87.5°	20	21	22	24	25	26	27	29	30	31	32
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627146 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	3	3	3	3	3	3	3	3	2	2	2
60°	11	10	10	10	10	10	11	11	10	13	14
57.5°	51	48	45	41	45	48	51	53	51	50	47
55°	112	118	121	120	121	118	112	105	100	97	95
52.5°	159	162	161	157	161	162	159	154	146	138	130
50°	217	217	216	212	216	217	217	214	205	191	174
47.5°	305	310	312	311	312	310	305	297	281	261	242
45°	391	396	397	397	397	396	391	383	362	334	304
42.5°	492	499	502	500	502	499	492	480	456	419	376
40°	697	706	702	691	702	706	697	671	625	563	509
37.5°	1056	1090	1105	1105	1105	1090	1056	1009	942	820	734
35°	1822	1944	2000	1930	2000	1944	1822	1669	1498	1322	1110
32.5°	3042	3258	3380	3380	3380	3258	3042	2749	2390	2025	1658
30°	4530	4800	4952	4985	4952	4800	4530	4153	3654	3103	2474
27.5°	6073	6352	6498	6476	6498	6352	6073	5672	5158	4443	3642
25°	7621	7832	7954	7958	7954	7832	7621	7229	6639	5937	4997
22.5°	9907	10353	10536	10585	10536	10353	9907	9252	8670	7786	6730
20°	12400	12832	13111	13127	13111	12832	12400	11799	10911	9917	8616
17.5°	14775	14989	15029	15047	15029	14989	14775	14132	13226	12210	10559
15°	17014	17089	17287	17312	17287	17089	17014	16424	15411	14295	12701
12.5°	18077	18146	18112	18020	18112	18146	18077	17632	16924	15775	14213
10°	18656	18559	18415	18242	18415	18559	18656	18336	17815	16927	15415
7.5°	18788	18680	18426	18174	18426	18680	18788	18817	18461	17718	16271
5°	18850	18534	18213	17907	18213	18534	18850	18955	18756	18141	16923
2.5°	18813	18437	17997	17667	17997	18437	18813	18970	18904	18461	17421
0°	18933	18553	18091	17968	18091	18553	18933	19114	19080	18724	17736
-2.5°	19267	18959	18718	18653	18718	18959	19267	19370	19292	18814	17756
-5°	19869	19801	19391	19487	19391	19801	19869	19782	19462	18740	17441
-7.5°	20449	20353	20180	20404	20180	20353	20449	20195	19569	18553	17059
-10°	20604	20572	20653	20852	20653	20572	20604	20144	19273	18050	16441
-12.5°	20130	20379	20657	20866	20657	20379	20130	19511	18610	17102	15346
-15°	19075	19582	19998	20196	19998	19582	19075	18337	17214	15804	14070
-17.5°	17520	18143	18635	18776	18635	18143	17520	16686	15508	14182	12618
-20°	15606	16239	16688	16867	16688	16239	15606	14753	13628	12385	10988

Classified

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

Scaled Data Report



REPORT NUMBER: P627146 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13452	14070	14477	14691	14477	14070	13452	12604	11643	10536	9223
-25°	11266	11810	12170	12265	12170	11810	11266	10550	9684	8655	7443
-27.5°	9176	9613	9879	9908	9879	9613	9176	8532	7716	6775	5733
-30°	7073	7479	7709	7831	7709	7479	7073	6456	5715	4972	4141
-32.5°	4967	5289	5484	5536	5484	5289	4967	4532	4000	3459	2932
-35°	3312	3512	3636	3661	3636	3512	3312	3050	2724	2369	2088
-37.5°	2214	2312	2372	2402	2372	2312	2214	2079	1913	1716	1541
-40°	1569	1615	1640	1646	1640	1615	1569	1503	1413	1293	1182
-42.5°	1200	1223	1235	1239	1235	1223	1200	1163	1104	1033	966
-45°	970	986	996	999	996	986	970	947	915	876	832
-47.5°	830	840	846	849	846	840	830	815	793	762	725
-50°	732	738	740	739	740	738	732	724	710	687	661
-52.5°	670	674	675	674	675	674	670	665	655	635	612
-55°	625	627	628	626	628	627	625	621	615	595	574
-57.5°	590	593	592	589	592	593	590	585	579	561	540
-60°	555	559	559	558	559	559	555	550	543	527	508
-62.5°	520	527	528	527	528	527	520	512	503	487	467
-65°	471	479	479	476	479	479	471	461	451	437	419
-67.5°	416	422	422	421	422	422	416	409	400	388	371
-70°	364	371	371	370	371	371	364	357	349	338	324
-72.5°	313	320	321	322	321	320	313	306	298	289	277
-75°	259	265	265	263	265	265	259	253	246	238	228
-77.5°	209	214	214	212	214	214	209	203	196	190	182
-80°	159	163	162	161	162	163	159	154	149	144	139
-82.5°	113	116	114	113	114	116	113	109	106	102	98
-85°	69	72	72	72	72	72	69	67	65	63	60
-87.5°	33	34	32	31	32	34	33	32	31	30	29
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627146 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	2	1	1	1	1	1	1	1	1	0	1
60°	12	8	11	11	9	6	9	8	3	3	2
57.5°	44	41	38	35	30	26	24	23	20	12	5
55°	95	85	74	66	62	53	44	38	35	29	19
52.5°	122	117	108	94	85	81	70	60	51	44	35
50°	160	157	148	134	121	111	102	88	75	64	52
47.5°	224	210	200	188	165	146	134	122	104	88	74
45°	282	263	245	229	209	185	164	148	131	113	99
42.5°	350	316	287	270	246	222	198	177	155	135	119
40°	456	398	361	325	295	261	238	212	186	158	141
37.5°	628	525	470	417	370	321	285	254	222	190	166
35°	906	755	622	537	467	398	342	301	263	227	193
32.5°	1283	1056	844	700	574	479	408	354	301	262	226
30°	1894	1467	1131	895	722	576	473	403	341	293	257
27.5°	2836	2048	1555	1153	895	706	559	453	379	324	283
25°	4009	2952	2135	1555	1127	860	664	523	424	354	312
22.5°	5486	4222	3086	2033	1489	1109	815	596	474	403	349
20°	7308	5681	4259	3021	2034	1400	1002	721	561	463	389
17.5°	9100	7425	5529	4050	2796	1900	1266	880	645	523	431
15°	10914	8938	6929	5195	3596	2319	1504	1034	741	590	478
12.5°	12300	10246	8009	6113	4232	2765	1804	1231	863	645	513
10°	13423	11294	8958	6835	4868	3221	2074	1378	950	690	543
7.5°	14294	12046	9694	7453	5383	3600	2291	1493	1019	730	567
5°	14988	12693	10287	7959	5786	3881	2460	1581	1069	764	586
2.5°	15514	13171	10687	8292	6057	4077	2586	1656	1111	796	603
0°	15799	13343	11030	8502	6233	4215	2672	1714	1139	821	616
-2.5°	15845	13420	10991	8426	6226	4165	2652	1702	1143	829	625
-5°	15424	13111	10678	8210	6019	4048	2598	1667	1134	828	629
-7.5°	14965	12607	10172	7798	5666	3845	2494	1610	1115	820	627
-10°	14268	11936	9616	7277	5214	3550	2316	1525	1079	800	619
-12.5°	13264	11056	8890	6539	4664	3148	2074	1414	1023	769	605
-15°	12027	9988	7854	5807	4092	2730	1825	1278	950	729	586
-17.5°	10741	8752	6728	4930	3429	2364	1647	1180	885	691	563
-20°	9318	7411	5642	4060	2797	1954	1421	1061	824	659	545

Classified

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

Scaled Data Report



REPORT NUMBER: P627146 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7685	6126	4565	3144	2283	1673	1242	946	754	619	523
-25°	6144	4831	3483	2559	1858	1382	1079	862	702	583	499
-27.5°	4647	3496	2710	2008	1510	1192	951	774	646	554	481
-30°	3329	2637	2053	1576	1264	1016	835	706	604	524	460
-32.5°	2386	1968	1549	1282	1051	880	752	644	564	498	443
-35°	1754	1478	1234	1051	896	780	677	599	530	472	426
-37.5°	1339	1152	1016	884	787	698	625	560	498	451	409
-40°	1068	948	856	766	700	640	583	525	477	431	392
-42.5°	895	814	740	687	636	593	547	501	456	414	375
-45°	779	721	668	627	588	553	519	477	436	395	357
-47.5°	692	654	615	581	550	519	489	453	412	375	341
-50°	634	604	574	544	517	489	459	424	389	357	324
-52.5°	588	564	538	513	489	461	430	399	369	337	304
-55°	551	529	508	487	465	437	408	377	346	315	282
-57.5°	519	499	480	460	440	413	384	353	322	292	260
-60°	489	470	449	429	410	387	356	327	299	270	241
-62.5°	447	426	409	391	372	350	323	296	271	246	219
-65°	401	381	365	347	328	307	284	262	241	219	194
-67.5°	354	336	319	302	285	268	249	230	210	188	165
-70°	309	294	279	264	249	232	215	196	177	158	139
-72.5°	264	252	238	225	211	197	182	165	148	132	116
-75°	219	209	198	187	175	163	150	136	122	109	96
-77.5°	175	167	159	149	139	129	118	107	97	86	76
-80°	133	127	121	113	106	98	90	82	73	64	57
-82.5°	94	89	85	80	75	70	65	58	52	46	40
-85°	58	55	52	50	47	44	41	37	33	29	26
-87.5°	27	26	25	24	22	21	20	18	16	14	12
-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: P627146 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	1	1	1	0	0	1	0	0
65°	1	1	0	1	2	2	2	1	1	1	0
62.5°	2	3	2	1	2	3	3	2	2	2	1
60°	2	3	3	3	2	3	3	3	2	2	2
57.5°	4	4	4	4	3	3	3	3	3	3	2
55°	9	6	5	5	4	3	3	3	3	3	3
52.5°	24	13	8	6	5	4	4	3	3	3	3
50°	40	27	15	9	7	5	4	4	3	3	4
47.5°	59	43	28	15	10	7	6	5	3	3	4
45°	81	61	42	26	15	11	7	6	4	4	4
42.5°	105	83	60	38	25	17	9	7	5	4	4
40°	126	106	79	55	36	23	14	8	6	4	5
37.5°	147	128	102	73	48	33	21	9	8	6	5
35°	169	148	124	92	64	42	29	13	10	7	5
32.5°	191	167	141	111	79	50	36	20	12	8	5
30°	218	185	157	129	95	64	44	27	15	9	6
27.5°	245	201	173	144	110	77	52	34	18	11	7
25°	272	223	188	158	125	91	61	40	23	14	8
22.5°	299	247	201	170	139	104	72	47	28	17	9
20°	327	269	215	185	152	116	83	54	33	19	10
17.5°	358	293	238	201	165	128	93	62	37	22	11
15°	389	318	260	216	177	138	103	69	41	25	13
12.5°	416	340	279	231	188	147	111	76	44	28	15
10°	440	360	296	245	200	155	119	83	49	31	18
7.5°	460	377	310	259	210	164	126	89	55	33	20
5°	477	391	321	269	219	174	131	93	61	35	23
2.5°	490	402	329	277	227	183	136	97	67	36	25
0°	499	410	335	284	233	192	140	99	72	38	27
-2.5°	504	416	345	289	241	196	145	104	75	42	28
-5°	505	420	352	293	247	199	149	109	78	47	29
-7.5°	506	422	357	297	252	201	152	113	80	51	30
-10°	503	422	358	300	254	203	155	116	82	54	30
-12.5°	497	419	357	302	254	205	158	118	84	57	31
-15°	486	414	356	302	254	206	160	119	85	57	31
-17.5°	471	408	353	299	253	206	161	119	85	57	32
-20°	462	401	349	294	251	206	161	118	85	56	33

Classified

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

Scaled Data Report



REPORT NUMBER: P627146 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	450	394	342	290	249	204	160	115	84	55	34
-25°	436	385	334	288	246	202	156	110	82	54	35
-27.5°	423	375	326	283	241	198	151	108	79	53	35
-30°	411	365	319	277	235	192	143	105	77	52	34
-32.5°	398	354	311	269	227	186	136	100	75	52	33
-35°	384	343	300	259	220	177	131	95	72	50	32
-37.5°	369	329	288	249	212	169	128	94	70	48	31
-40°	354	315	275	240	203	160	123	92	67	45	30
-42.5°	338	301	265	231	193	154	118	89	64	43	29
-45°	323	287	253	219	184	147	113	85	60	41	28
-47.5°	307	273	239	205	174	138	107	80	55	39	27
-50°	290	255	221	191	162	129	99	74	53	37	26
-52.5°	269	234	205	178	149	118	91	67	50	35	24
-55°	247	217	191	164	135	107	83	63	47	34	23
-57.5°	230	203	176	149	122	97	76	59	44	32	22
-60°	213	186	161	134	108	87	70	54	41	29	21
-62.5°	193	168	142	117	96	78	63	50	37	27	19
-65°	169	145	121	101	84	69	57	45	34	25	18
-67.5°	143	123	103	86	73	61	50	40	30	22	16
-70°	121	103	87	74	63	53	43	34	26	19	14
-72.5°	101	87	74	62	53	45	36	28	22	17	12
-75°	84	72	61	52	44	36	29	23	18	14	11
-77.5°	66	57	48	41	35	29	23	18	14	12	10
-80°	50	43	37	32	27	22	18	15	12	10	8
-82.5°	35	31	27	23	20	17	14	12	10	9	7
-85°	23	20	18	16	14	12	10	9	7	6	5
-87.5°	11	10	9	8	7	6	5	4	4	3	2
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627146 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	1	0	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	0	1	1	1	0	0	0
62.5°	1	1	2	1	0	0	0
60°	1	1	2	1	0	0	0
57.5°	1	1	2	2	0	0	0
55°	2	2	2	2	0	0	0
52.5°	3	2	2	3	1	0	0
50°	3	2	2	3	1	0	0
47.5°	3	2	3	3	1	0	0
45°	4	3	3	3	1	0	0
42.5°	4	3	3	3	2	0	0
40°	4	3	3	3	2	0	0
37.5°	5	3	3	3	2	0	0
35°	5	4	3	3	2	0	0
32.5°	6	4	3	3	2	0	0
30°	6	4	3	3	2	0	0
27.5°	6	5	3	3	3	0	0
25°	6	5	3	3	3	0	0
22.5°	7	5	3	3	3	0	0
20°	7	6	3	3	3	0	0
17.5°	7	6	3	3	3	0	0
15°	7	6	3	3	3	0	0
12.5°	8	6	3	3	3	0	0
10°	8	7	3	3	3	0	0
7.5°	9	7	3	3	3	0	0
5°	9	7	3	3	3	0	0
2.5°	10	7	3	3	3	0	0
0°	10	7	3	3	3	0	0
-2.5°	12	7	4	3	3	0	0
-5°	14	8	4	3	3	0	0
-7.5°	15	8	4	3	3	0	0
-10°	17	8	5	3	3	0	0
-12.5°	18	8	5	3	3	0	0
-15°	19	8	5	3	3	0	0
-17.5°	19	9	5	3	3	0	0
-20°	19	9	5	3	3	1	0

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CATALOG NUMBER: GFLD-SA3C-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20	9	5	3	3	1	0
-25°	20	9	5	3	3	1	0
-27.5°	19	10	5	3	3	1	0
-30°	19	10	5	3	3	1	0
-32.5°	19	11	5	3	3	1	0
-35°	19	11	5	3	3	1	0
-37.5°	19	11	6	3	3	1	0
-40°	19	11	6	3	3	1	0
-42.5°	19	11	6	3	3	1	0
-45°	18	11	6	4	3	1	0
-47.5°	18	11	6	4	3	1	0
-50°	17	11	6	4	3	1	0
-52.5°	17	10	6	4	3	1	0
-55°	16	10	6	4	3	1	0
-57.5°	15	10	6	4	3	1	0
-60°	14	9	6	4	3	1	0
-62.5°	13	9	6	4	3	1	0
-65°	12	8	6	4	3	1	0
-67.5°	11	8	6	4	2	1	0
-70°	10	7	5	4	2	1	0
-72.5°	9	7	5	4	2	0	0
-75°	8	7	5	3	2	0	0
-77.5°	8	6	4	3	1	0	0
-80°	7	5	3	2	1	0	0
-82.5°	5	4	3	2	1	0	0
-85°	4	3	2	1	1	0	0
-87.5°	2	1	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)