

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: P627884 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627884 (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-SA6C-740-U-MR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (96) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 34688.4 lumens  
Efficiency: N/A  
Efficacy: 140.2 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 122305 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 17344.5 lumens  
Beam Efficiency: 50.0%

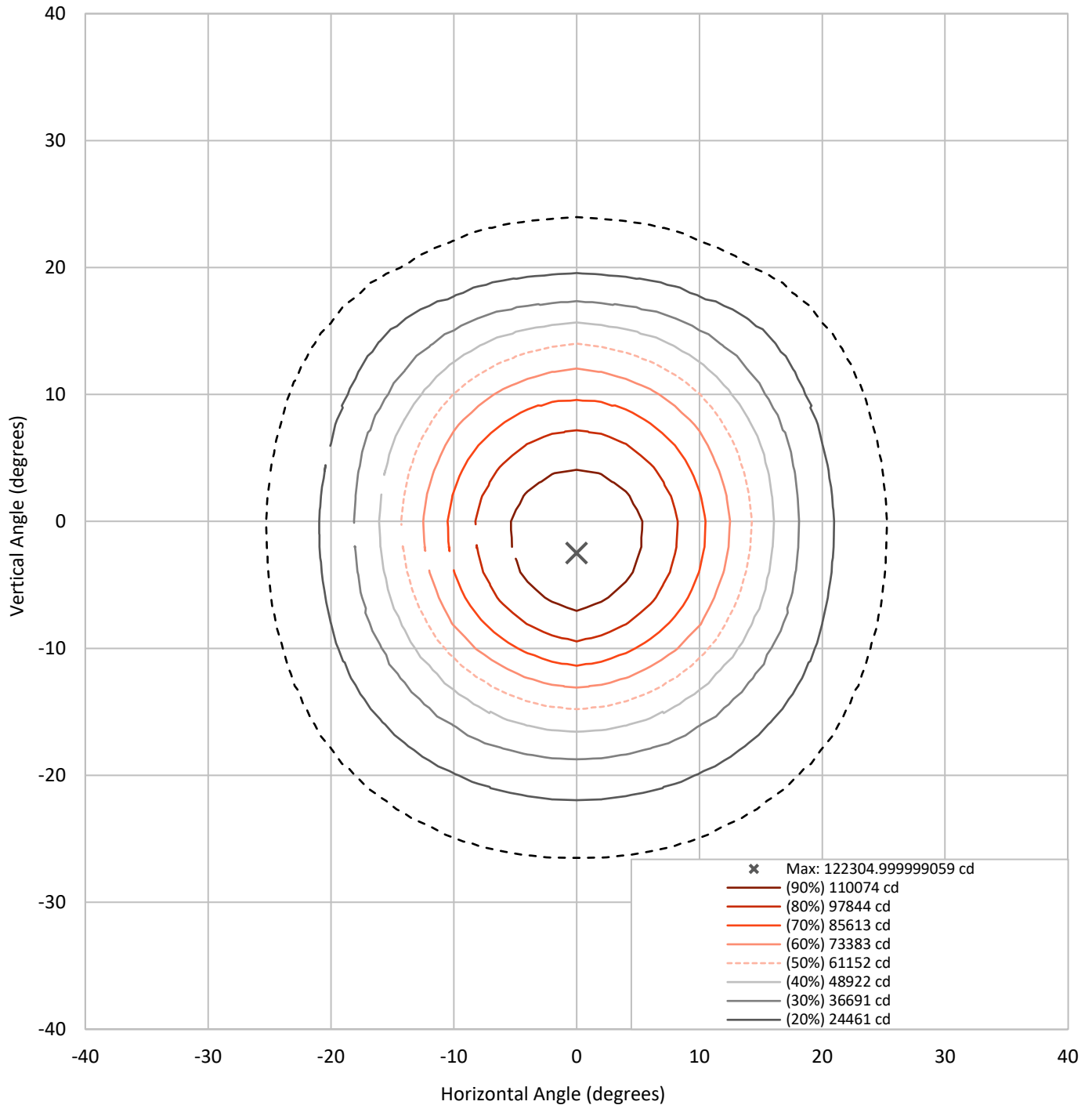
Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 29803.8 lumens  
Field Efficiency: 85.9%

Input Watts (W): 247.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA6C-740-U-MR-VSR-XX

### Iso-Candela Plot





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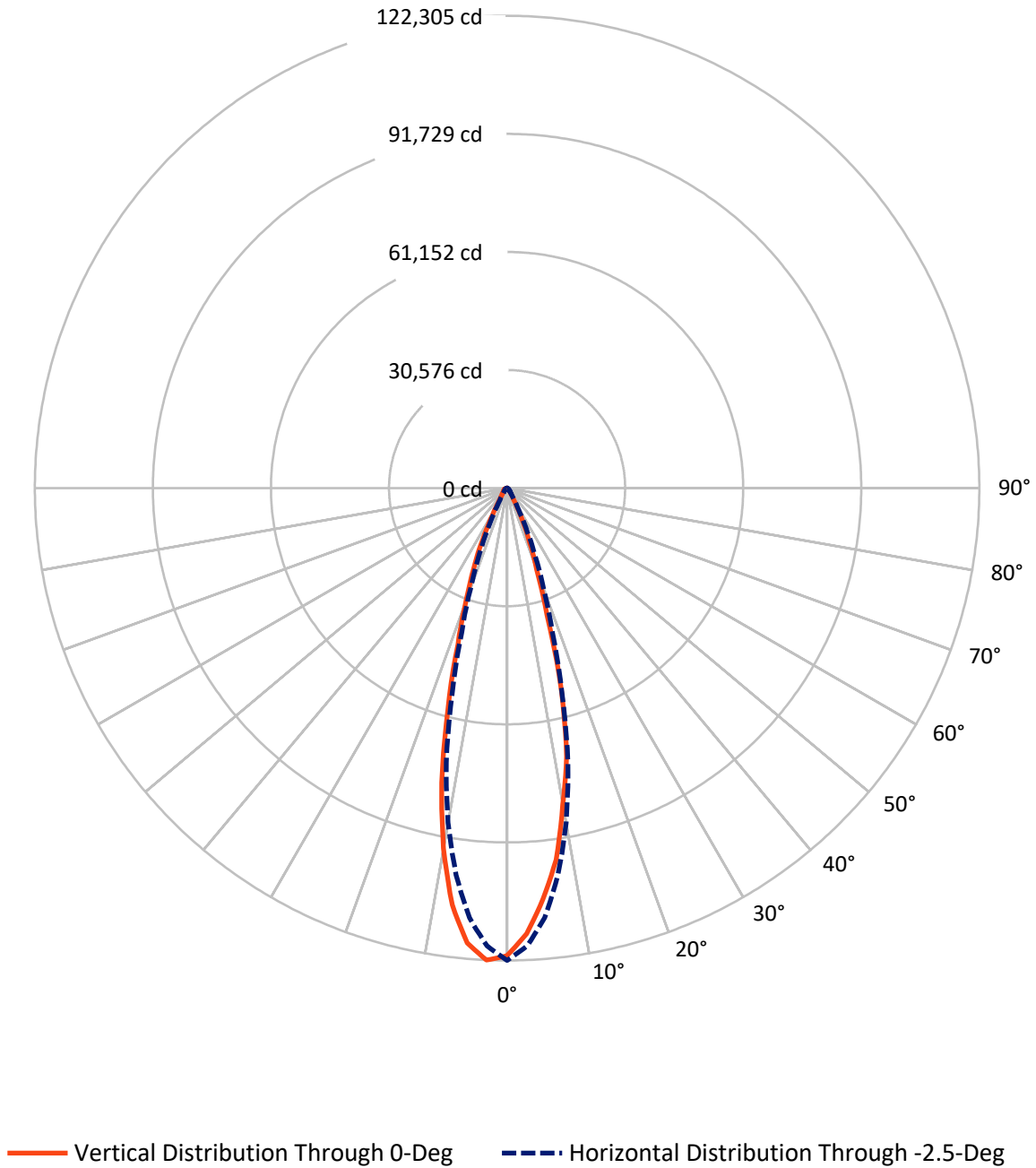
CATALOG NUMBER: GFLD-SA6C-740-U-MR-VSR-XX

### 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				
70	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0			
60		0.0	0.2	1.0	2.4	4.0	5.5	6.6	6.6	5.5	4.0	2.4	1.0	0.2	0.0				
50	0.1	0.2	1.2	3.8	7.3	11.2	15.8	18.5	18.5	15.8	11.2	7.3	3.8	1.2	0.2	0.1			
40		0.5	2.9	7.4	13.6	22.4	37.4	49.9	49.9	37.4	22.4	13.6	7.4	2.9	0.5				
30	0.3	1.1	4.7	11.3	21.6	52.4	164.6	301.9	301.9	164.6	52.4	21.6	11.3	4.7	1.1	0.3			
20		1.7	6.5	15.4	36.9	180.7	734.6	1438.4	1438.4	734.6	180.7	36.9	15.4	6.5	1.7				
10	0.5	2.2	7.8	18.4	52.9	344.3	1483.3	2907.4	2907.4	1483.3	344.3	52.9	18.4	7.8	2.2	0.5			
0		2.5	8.5	19.4	56.6	360.7	1522.0	3082.9	3082.9	1522.0	360.7	56.6	19.4	8.5	2.5				
-10	0.7	2.7	8.7	18.9	46.5	221.5	841.7	1631.4	1631.4	841.7	221.5	46.5	18.9	8.7	2.7	0.7			
-20		2.6	8.3	17.3	34.1	86.0	260.6	465.0	465.0	260.6	86.0	34.1	17.3	8.3	2.6				
-30	0.6	2.3	7.4	15.0	25.9	42.5	69.3	92.7	92.7	69.3	42.5	25.9	15.0	7.4	2.3	0.6			
-40		1.9	6.1	12.4	20.4	29.2	38.5	43.2	43.2	38.5	29.2	20.4	12.4	6.1	1.9				
-50	0.4	1.4	4.6	9.7	16.0	22.2	27.8	30.2	30.2	27.8	22.2	16.0	9.7	4.6	1.4	0.4			
-60		0.9	2.9	6.3	10.7	15.1	19.0	21.0	21.0	19.0	15.1	10.7	6.3	2.9	0.9				
-70	0.1	2.3		10.3		22.1		28.0		22.1		10.3		2.3		0.1			
-80		2.3		10.3		22.1		28.0		22.1		10.3		2.3					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

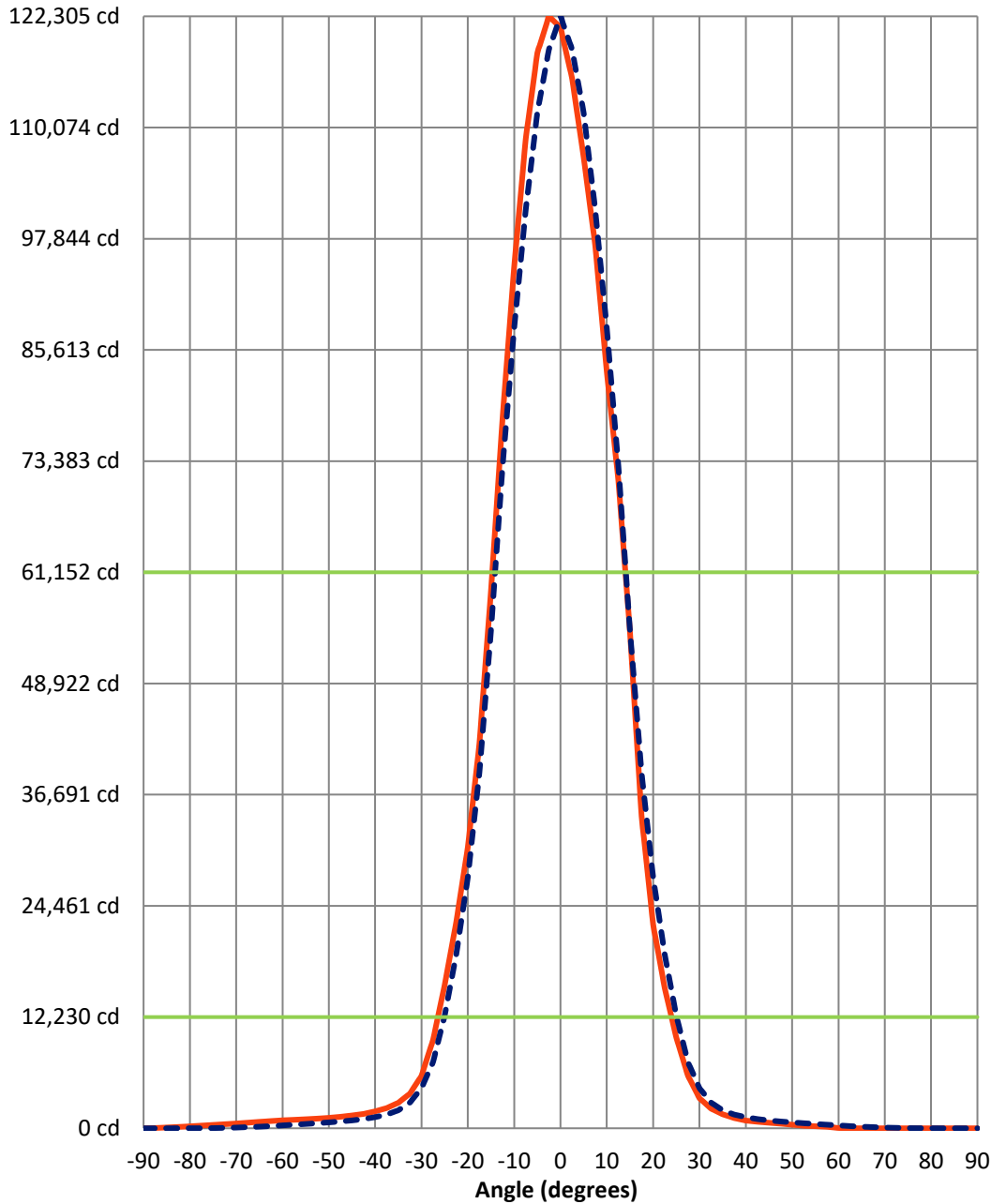
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 17344.5  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 29803.8  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 4884.6  
 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	1
60°	0	0	0	0	0	0	0	0	0	2	2
57.5°	0	0	0	0	0	0	0	0	1	3	3
55°	0	0	0	0	0	0	1	0	3	5	3
52.5°	0	0	0	0	0	0	1	2	6	5	4
50°	0	0	0	0	0	1	2	4	7	6	5
47.5°	0	0	0	0	0	2	3	6	8	6	7
45°	0	0	0	0	0	2	4	7	8	7	8
42.5°	0	0	0	0	0	3	5	8	8	7	12
40°	0	0	0	0	0	4	6	8	8	8	18
37.5°	0	0	0	0	1	5	7	8	9	11	25
35°	0	0	0	0	2	6	7	8	11	19	33
32.5°	0	0	0	0	3	7	8	8	14	26	42
30°	0	0	0	0	4	7	8	8	17	32	51
27.5°	0	0	0	0	4	7	8	11	22	39	61
25°	0	0	0	0	5	8	8	13	27	47	72
22.5°	0	0	0	0	5	8	8	16	33	55	86
20°	0	0	0	0	6	8	8	19	37	64	99
17.5°	0	0	0	0	6	8	8	22	42	72	111
15°	0	0	0	0	7	8	9	26	46	81	122
12.5°	0	0	0	0	7	8	10	30	51	89	132
10°	0	0	0	0	7	8	11	34	55	97	141
7.5°	0	0	0	0	7	8	12	37	59	105	149
5°	0	0	0	0	8	8	13	41	63	112	157
2.5°	0	0	0	0	8	8	14	44	66	118	164
0°	0	0	0	0	8	8	15	46	69	123	169
-2.5°	0	0	0	1	8	9	18	47	76	128	174
-5°	0	0	0	1	8	9	21	48	82	131	178
-7.5°	0	0	0	1	8	10	24	48	87	134	181
-10°	0	0	0	2	7	11	26	49	91	136	183
-12.5°	0	0	0	2	7	11	28	49	94	138	187
-15°	0	0	0	3	7	12	30	49	94	140	191
-17.5°	0	0	0	3	7	12	30	51	94	141	193
-20°	0	0	0	3	7	12	31	54	92	141	192

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CATALOG NUMBER: GFLD-SA6C-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	3	7	12	32	55	90	139	190
-25°	0	0	0	4	7	13	32	57	88	136	185
-27.5°	0	0	0	4	7	14	32	58	85	132	181
-30°	0	0	0	3	8	15	32	58	84	128	175
-32.5°	0	0	0	3	9	15	31	57	84	123	168
-35°	0	0	0	3	9	16	31	56	83	118	159
-37.5°	0	0	0	3	10	16	31	55	81	113	155
-40°	0	0	0	2	10	16	31	53	78	109	151
-42.5°	0	0	0	2	10	17	30	51	76	106	146
-45°	0	0	0	1	10	17	29	49	73	101	139
-47.5°	0	0	0	1	9	17	27	46	70	95	132
-50°	0	0	0	1	8	16	26	44	66	90	122
-52.5°	0	0	0	1	8	16	25	40	61	85	112
-55°	0	0	0	2	7	15	24	37	56	78	104
-57.5°	0	0	0	2	6	14	22	34	51	71	95
-60°	0	0	0	2	6	13	20	31	45	64	85
-62.5°	0	0	0	2	6	12	19	28	41	56	76
-65°	0	0	0	2	5	11	17	25	36	50	66
-67.5°	0	0	0	2	5	10	16	23	32	44	58
-70°	0	0	0	2	5	9	14	20	28	38	50
-72.5°	0	0	0	1	4	8	13	18	24	32	42
-75°	0	0	0	1	4	7	11	15	19	26	34
-77.5°	0	0	0	1	3	6	10	12	16	19	25
-80°	0	0	0	1	3	5	8	10	12	15	18
-82.5°	0	0	0	1	2	4	6	7	8	10	12
-85°	0	0	0	0	1	2	4	5	5	6	7
-87.5°	0	0	0	0	1	1	2	2	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA6C-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	1	2	1	2	3
60°	1	0	1	2	2	3	5	6	7	7	16
57.5°	1	2	4	4	5	9	12	14	24	35	43
55°	2	5	6	7	11	18	25	38	51	67	81
52.5°	5	8	7	12	22	33	49	68	88	103	116
50°	7	9	10	25	38	56	80	105	123	137	159
47.5°	10	12	23	40	59	86	117	138	155	183	215
45°	15	22	38	58	85	121	148	169	199	231	264
42.5°	20	34	55	77	118	153	179	209	241	277	313
40°	30	46	74	108	150	184	217	250	283	326	364
37.5°	40	64	95	138	180	218	256	293	334	379	423
35°	49	82	120	165	209	254	295	338	389	438	488
32.5°	62	100	142	190	238	287	334	389	442	496	558
30°	79	119	164	215	265	318	377	439	491	552	618
27.5°	96	137	186	239	291	348	420	481	539	604	676
25°	112	155	207	261	317	384	460	523	583	656	741
22.5°	128	174	230	280	343	419	497	568	637	708	807
20°	143	194	252	307	368	453	535	614	694	784	895
17.5°	158	213	274	335	403	487	573	660	750	860	998
15°	171	230	295	361	434	520	610	707	811	940	1098
12.5°	184	246	315	385	462	550	643	744	864	1019	1216
10°	196	260	335	407	486	577	673	777	907	1073	1303
7.5°	207	273	353	427	507	601	697	806	942	1119	1373
5°	216	287	366	441	523	619	717	829	970	1155	1430
2.5°	224	298	377	453	537	631	730	845	989	1189	1473
0°	231	308	385	462	547	639	739	855	1001	1217	1502
-2.5°	238	318	394	472	557	647	748	864	1014	1225	1509
-5°	244	326	401	479	565	652	752	868	1021	1226	1512
-7.5°	248	332	406	484	570	657	756	872	1024	1224	1511
-10°	251	335	410	489	575	661	757	870	1019	1211	1486
-12.5°	255	336	412	491	577	663	754	863	1005	1188	1438
-15°	258	336	412	490	575	661	748	849	982	1157	1376
-17.5°	260	335	410	485	571	658	739	836	961	1125	1333
-20°	259	334	406	478	564	650	731	826	941	1086	1273

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CATALOG NUMBER: GFLD-SA6C-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°	257	331	401	471	554	638	721	809	916	1039	1206
-25°	254	327	395	465	542	623	706	788	890	1006	1149
-27.5°	247	321	388	457	529	606	686	768	860	967	1090
-30°	238	311	379	446	517	590	664	745	828	928	1040
-32.5°	226	300	367	433	503	573	640	718	799	884	986
-35°	217	287	353	417	487	554	618	687	766	846	931
-37.5°	210	273	339	399	466	533	593	657	728	806	884
-40°	202	258	323	382	442	509	569	626	690	766	840
-42.5°	193	247	306	365	422	482	544	599	659	728	799
-45°	185	236	290	346	403	457	514	572	631	692	758
-47.5°	175	223	275	326	381	436	486	542	602	659	718
-50°	163	210	257	305	356	411	463	511	565	623	680
-52.5°	150	194	238	282	330	382	435	484	531	581	635
-55°	135	176	218	259	302	350	400	450	499	544	592
-57.5°	122	157	196	236	276	316	364	412	459	506	552
-60°	110	138	173	211	250	288	328	373	418	461	504
-62.5°	97	122	151	184	221	258	296	334	375	412	450
-65°	86	106	131	159	190	223	258	295	332	362	391
-67.5°	73	91	111	134	161	188	216	249	282	311	337
-70°	63	76	92	112	133	156	181	206	232	257	282
-72.5°	53	64	76	89	107	128	148	168	189	211	233
-75°	43	52	62	73	86	102	119	137	155	172	189
-77.5°	33	41	49	57	67	79	92	107	121	135	150
-80°	24	30	37	44	51	59	68	77	87	98	110
-82.5°	16	21	26	32	36	40	45	51	58	66	74
-85°	9	11	15	19	21	23	25	28	33	38	42
-87.5°	4	6	7	9	9	10	10	11	13	15	17
-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	1	2	2	1	0	0
62.5°	2	3	6	8	9	9	10	10	11	11	10
60°	20	19	29	35	34	27	38	43	42	36	35
57.5°	54	67	78	81	91	107	112	110	112	117	131
55°	94	105	113	128	144	159	170	178	187	197	209
52.5°	129	147	159	175	196	208	214	235	254	269	278
50°	183	201	222	243	263	282	297	319	344	370	387
47.5°	240	264	290	321	344	362	381	411	445	477	496
45°	294	321	354	384	409	434	464	500	535	567	591
42.5°	342	373	407	441	464	502	544	581	625	665	695
40°	397	427	478	513	543	584	645	699	751	800	831
37.5°	464	515	569	612	652	703	788	871	937	1002	1049
35°	542	604	671	718	780	874	979	1094	1209	1301	1383
32.5°	618	686	754	830	923	1057	1189	1373	1543	1717	1880
30°	686	762	845	942	1093	1280	1495	1775	2080	2384	2730
27.5°	757	841	940	1094	1323	1577	1974	2417	3047	3554	4372
25°	835	929	1064	1310	1627	2074	2767	3556	4860	5974	7230
22.5°	929	1074	1266	1573	2102	2906	3985	5703	7706	9566	11339
20°	1044	1241	1569	2060	2817	4055	6100	8706	11491	14212	16844
17.5°	1198	1510	1979	2676	3750	6352	9395	13120	17888	21470	24865
15°	1337	1732	2441	3570	5591	8941	13193	18897	25316	30713	36819
12.5°	1503	1980	2834	4298	7188	11615	17035	23837	31435	39628	49191
10°	1647	2234	3332	5348	8853	14005	20079	28064	37822	49415	61502
7.5°	1758	2446	3749	6135	10255	15966	23212	32923	45282	58831	72615
5°	1844	2609	4076	6752	11449	17558	25498	36767	50854	66406	80113
2.5°	1911	2725	4292	7131	12255	18645	27061	38811	54264	71352	85744
0°	1964	2795	4413	7400	12629	19160	27785	39636	55862	73774	88575
-2.5°	1982	2832	4418	7307	12401	19128	27616	39130	54760	72812	87974
-5°	1989	2813	4307	7113	11998	18442	26510	37208	51393	68326	83692
-7.5°	1974	2738	4081	6637	11090	17231	24966	34356	45983	60913	76794
-10°	1921	2607	3775	5990	9841	15341	22562	30496	39784	51972	64842
-12.5°	1824	2411	3353	5021	8371	13201	19596	26610	33849	41858	52444
-15°	1709	2209	3008	4434	7009	10954	16133	22056	28064	34198	40655
-17.5°	1622	2035	2655	3650	5381	8571	12712	17473	22347	27218	31566
-20°	1511	1826	2311	3085	4342	6229	9344	13048	16690	20662	23995

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

Scaled Data Report



REPORT NUMBER: P627884 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	1412	1680	2042	2530	3376	4704	6480	9087	11855	14739	17476
-25°	1319	1521	1809	2200	2705	3496	4668	6031	7974	9748	11780
-27.5°	1240	1409	1605	1895	2277	2710	3430	4225	5244	6090	7446
-30°	1164	1299	1460	1647	1927	2257	2643	3126	3624	4124	4773
-32.5°	1093	1206	1333	1483	1657	1904	2144	2453	2726	3026	3336
-35°	1023	1124	1228	1347	1481	1643	1824	2028	2210	2391	2553
-37.5°	963	1047	1138	1232	1340	1453	1594	1739	1861	1979	2079
-40°	912	983	1058	1137	1222	1314	1424	1530	1613	1689	1753
-42.5°	866	928	987	1054	1125	1209	1295	1376	1432	1485	1527
-45°	822	876	930	984	1043	1116	1189	1253	1297	1337	1368
-47.5°	775	824	873	923	979	1037	1096	1143	1183	1217	1240
-50°	729	777	821	863	913	965	1016	1056	1090	1120	1136
-52.5°	685	730	775	817	858	899	939	977	1012	1043	1054
-55°	641	686	726	765	805	844	880	913	944	974	983
-57.5°	598	644	686	718	752	786	821	854	884	911	921
-60°	549	595	632	664	696	729	759	789	819	844	856
-62.5°	491	533	567	597	627	655	683	710	736	758	770
-65°	422	458	492	522	548	574	600	624	646	663	673
-67.5°	363	389	417	445	472	497	520	541	561	575	584
-70°	307	330	355	379	403	426	446	465	483	496	505
-72.5°	254	275	297	320	341	360	377	394	410	421	430
-75°	206	224	243	262	280	296	310	324	337	346	354
-77.5°	164	178	191	205	220	232	243	254	264	272	279
-80°	121	133	143	154	164	172	181	189	198	205	211
-82.5°	82	90	99	107	115	120	125	129	133	138	144
-85°	48	53	58	63	68	72	75	78	81	84	87
-87.5°	19	21	23	26	28	28	29	29	30	32	34
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627884 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-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	1	2
62.5°	9	8	8	8	8	8	9	10	11	11	10
60°	33	31	31	31	31	31	33	35	36	42	43
57.5°	144	154	160	162	160	154	144	131	117	112	110
55°	218	226	227	223	227	226	218	209	197	187	178
52.5°	282	283	281	277	281	283	282	278	269	254	235
50°	392	390	391	393	391	390	392	387	370	344	319
47.5°	504	509	511	508	511	509	504	496	477	445	411
45°	602	609	612	608	612	609	602	591	567	535	500
42.5°	707	712	714	716	714	712	707	695	665	625	581
40°	846	851	850	847	850	851	846	831	800	751	699
37.5°	1080	1097	1104	1124	1104	1097	1080	1049	1002	937	871
35°	1447	1486	1507	1540	1507	1486	1447	1383	1301	1209	1094
32.5°	1998	2079	2121	2164	2121	2079	1998	1880	1717	1543	1373
30°	2970	3129	3193	3311	3193	3129	2970	2730	2384	2080	1775
27.5°	4972	5348	5497	5806	5497	5348	4972	4372	3554	3047	2417
25°	8374	9186	9634	9988	9634	9186	8374	7230	5974	4860	3556
22.5°	13129	14319	14955	15425	14955	14319	13129	11339	9566	7706	5703
20°	19230	20800	21737	22417	21737	20800	19230	16844	14212	11491	8706
17.5°	29225	31694	33137	34377	33137	31694	29225	24865	21470	17888	13120
15°	43631	48590	52445	54591	52445	48590	43631	36819	30713	25316	18897
12.5°	57645	64909	69225	71210	69225	64909	57645	49191	39628	31435	23837
10°	71504	78353	82459	83185	82459	78353	71504	61502	49415	37822	28064
7.5°	82114	89646	95103	97085	95103	89646	82114	72615	58831	45282	32923
5°	91485	100305	106079	106811	106079	100305	91485	80113	66406	50854	36767
2.5°	98378	107966	113565	115490	113565	107966	98378	85744	71352	54264	38811
0°	101713	112040	118270	121073	118270	112040	101713	88575	73774	55862	39636
-2.5°	101011	111692	118646	122305	118646	111692	101011	87974	72812	54760	39130
-5°	97171	107883	114367	118254	114367	107883	97171	83692	68326	51393	37208
-7.5°	88314	98331	105234	108821	105234	98331	88314	76794	60913	45983	34356
-10°	76901	85379	91671	94728	91671	85379	76901	64842	51972	39784	30496
-12.5°	62071	70295	75971	78133	75971	70295	62071	52444	41858	33849	26610
-15°	47558	53834	57866	59143	57866	53834	47558	40655	34198	28064	22056
-17.5°	36066	39445	41713	42324	41713	39445	36066	31566	27218	22347	17473
-20°	27020	29114	30586	30934	30586	29114	27020	23995	20662	16690	13048

Classified

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

Scaled Data Report



REPORT NUMBER: P627884 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	19687	21261	22450	22687	22450	21261	19687	17476	14739	11855	9087
-25°	13580	14897	15703	15764	15703	14897	13580	11780	9748	7974	6031
-27.5°	8514	9237	9610	9742	9610	9237	8514	7446	6090	5244	4225
-30°	5261	5595	5770	5776	5770	5595	5261	4773	4124	3624	3126
-32.5°	3571	3733	3820	3820	3820	3733	3571	3336	3026	2726	2453
-35°	2675	2759	2806	2811	2806	2759	2675	2553	2391	2210	2028
-37.5°	2151	2197	2221	2226	2221	2197	2151	2079	1979	1861	1739
-40°	1799	1831	1851	1864	1851	1831	1799	1753	1689	1613	1530
-42.5°	1556	1577	1586	1579	1586	1577	1556	1527	1485	1432	1376
-45°	1386	1398	1406	1409	1406	1398	1386	1368	1337	1297	1253
-47.5°	1251	1257	1261	1263	1261	1257	1251	1240	1217	1183	1143
-50°	1144	1150	1151	1147	1151	1150	1144	1136	1120	1090	1056
-52.5°	1059	1060	1062	1063	1062	1060	1059	1054	1043	1012	977
-55°	988	991	993	993	993	991	988	983	974	944	913
-57.5°	929	935	936	932	936	935	929	921	911	884	854
-60°	866	873	877	878	877	873	866	856	844	819	789
-62.5°	780	788	792	793	792	788	780	770	758	736	710
-65°	682	689	699	708	699	689	682	673	663	646	624
-67.5°	592	598	607	616	607	598	592	584	575	561	541
-70°	514	521	523	524	523	521	514	505	496	483	465
-72.5°	437	444	446	447	446	444	437	430	421	410	394
-75°	361	368	369	370	369	368	361	354	346	337	324
-77.5°	285	291	292	293	292	291	285	279	272	264	254
-80°	217	222	219	216	219	222	217	211	205	198	189
-82.5°	149	153	150	146	150	153	149	144	138	133	129
-85°	90	92	88	85	88	92	90	87	84	81	78
-87.5°	36	38	35	31	35	38	36	34	32	30	29
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627884 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-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°	2	1	0	0	0	0	0	0	0	0	0
62.5°	10	9	9	8	6	3	2	3	2	1	2
60°	38	27	34	35	29	19	20	16	7	7	6
57.5°	112	107	91	81	78	67	54	43	35	24	14
55°	170	159	144	128	113	105	94	81	67	51	38
52.5°	214	208	196	175	159	147	129	116	103	88	68
50°	297	282	263	243	222	201	183	159	137	123	105
47.5°	381	362	344	321	290	264	240	215	183	155	138
45°	464	434	409	384	354	321	294	264	231	199	169
42.5°	544	502	464	441	407	373	342	313	277	241	209
40°	645	584	543	513	478	427	397	364	326	283	250
37.5°	788	703	652	612	569	515	464	423	379	334	293
35°	979	874	780	718	671	604	542	488	438	389	338
32.5°	1189	1057	923	830	754	686	618	558	496	442	389
30°	1495	1280	1093	942	845	762	686	618	552	491	439
27.5°	1974	1577	1323	1094	940	841	757	676	604	539	481
25°	2767	2074	1627	1310	1064	929	835	741	656	583	523
22.5°	3985	2906	2102	1573	1266	1074	929	807	708	637	568
20°	6100	4055	2817	2060	1569	1241	1044	895	784	694	614
17.5°	9395	6352	3750	2676	1979	1510	1198	998	860	750	660
15°	13193	8941	5591	3570	2441	1732	1337	1098	940	811	707
12.5°	17035	11615	7188	4298	2834	1980	1503	1216	1019	864	744
10°	20079	14005	8853	5348	3332	2234	1647	1303	1073	907	777
7.5°	23212	15966	10255	6135	3749	2446	1758	1373	1119	942	806
5°	25498	17558	11449	6752	4076	2609	1844	1430	1155	970	829
2.5°	27061	18645	12255	7131	4292	2725	1911	1473	1189	989	845
0°	27785	19160	12629	7400	4413	2795	1964	1502	1217	1001	855
-2.5°	27616	19128	12401	7307	4418	2832	1982	1509	1225	1014	864
-5°	26510	18442	11998	7113	4307	2813	1989	1512	1226	1021	868
-7.5°	24966	17231	11090	6637	4081	2738	1974	1511	1224	1024	872
-10°	22562	15341	9841	5990	3775	2607	1921	1486	1211	1019	870
-12.5°	19596	13201	8371	5021	3353	2411	1824	1438	1188	1005	863
-15°	16133	10954	7009	4434	3008	2209	1709	1376	1157	982	849
-17.5°	12712	8571	5381	3650	2655	2035	1622	1333	1125	961	836
-20°	9344	6229	4342	3085	2311	1826	1511	1273	1086	941	826

Classified

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

Scaled Data Report



REPORT NUMBER: P627884 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	6480	4704	3376	2530	2042	1680	1412	1206	1039	916	809
-25°	4668	3496	2705	2200	1809	1521	1319	1149	1006	890	788
-27.5°	3430	2710	2277	1895	1605	1409	1240	1090	967	860	768
-30°	2643	2257	1927	1647	1460	1299	1164	1040	928	828	745
-32.5°	2144	1904	1657	1483	1333	1206	1093	986	884	799	718
-35°	1824	1643	1481	1347	1228	1124	1023	931	846	766	687
-37.5°	1594	1453	1340	1232	1138	1047	963	884	806	728	657
-40°	1424	1314	1222	1137	1058	983	912	840	766	690	626
-42.5°	1295	1209	1125	1054	987	928	866	799	728	659	599
-45°	1189	1116	1043	984	930	876	822	758	692	631	572
-47.5°	1096	1037	979	923	873	824	775	718	659	602	542
-50°	1016	965	913	863	821	777	729	680	623	565	511
-52.5°	939	899	858	817	775	730	685	635	581	531	484
-55°	880	844	805	765	726	686	641	592	544	499	450
-57.5°	821	786	752	718	686	644	598	552	506	459	412
-60°	759	729	696	664	632	595	549	504	461	418	373
-62.5°	683	655	627	597	567	533	491	450	412	375	334
-65°	600	574	548	522	492	458	422	391	362	332	295
-67.5°	520	497	472	445	417	389	363	337	311	282	249
-70°	446	426	403	379	355	330	307	282	257	232	206
-72.5°	377	360	341	320	297	275	254	233	211	189	168
-75°	310	296	280	262	243	224	206	189	172	155	137
-77.5°	243	232	220	205	191	178	164	150	135	121	107
-80°	181	172	164	154	143	133	121	110	98	87	77
-82.5°	125	120	115	107	99	90	82	74	66	58	51
-85°	75	72	68	63	58	53	48	42	38	33	28
-87.5°	29	28	28	26	23	21	19	17	15	13	11
-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: P627884 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	1	0	0	0	0	0	0	1	0	0	0
60°	5	3	2	2	1	0	1	2	2	0	0
57.5°	12	9	5	4	4	2	1	3	3	1	0
55°	25	18	11	7	6	5	2	3	5	3	0
52.5°	49	33	22	12	7	8	5	4	5	6	2
50°	80	56	38	25	10	9	7	5	6	7	4
47.5°	117	86	59	40	23	12	10	7	6	8	6
45°	148	121	85	58	38	22	15	8	7	8	7
42.5°	179	153	118	77	55	34	20	12	7	8	8
40°	217	184	150	108	74	46	30	18	8	8	8
37.5°	256	218	180	138	95	64	40	25	11	9	8
35°	295	254	209	165	120	82	49	33	19	11	8
32.5°	334	287	238	190	142	100	62	42	26	14	8
30°	377	318	265	215	164	119	79	51	32	17	8
27.5°	420	348	291	239	186	137	96	61	39	22	11
25°	460	384	317	261	207	155	112	72	47	27	13
22.5°	497	419	343	280	230	174	128	86	55	33	16
20°	535	453	368	307	252	194	143	99	64	37	19
17.5°	573	487	403	335	274	213	158	111	72	42	22
15°	610	520	434	361	295	230	171	122	81	46	26
12.5°	643	550	462	385	315	246	184	132	89	51	30
10°	673	577	486	407	335	260	196	141	97	55	34
7.5°	697	601	507	427	353	273	207	149	105	59	37
5°	717	619	523	441	366	287	216	157	112	63	41
2.5°	730	631	537	453	377	298	224	164	118	66	44
0°	739	639	547	462	385	308	231	169	123	69	46
-2.5°	748	647	557	472	394	318	238	174	128	76	47
-5°	752	652	565	479	401	326	244	178	131	82	48
-7.5°	756	657	570	484	406	332	248	181	134	87	48
-10°	757	661	575	489	410	335	251	183	136	91	49
-12.5°	754	663	577	491	412	336	255	187	138	94	49
-15°	748	661	575	490	412	336	258	191	140	94	49
-17.5°	739	658	571	485	410	335	260	193	141	94	51
-20°	731	650	564	478	406	334	259	192	141	92	54

Classified

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

Scaled Data Report



REPORT NUMBER: P627884 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	721	638	554	471	401	331	257	190	139	90	55
-25°	706	623	542	465	395	327	254	185	136	88	57
-27.5°	686	606	529	457	388	321	247	181	132	85	58
-30°	664	590	517	446	379	311	238	175	128	84	58
-32.5°	640	573	503	433	367	300	226	168	123	84	57
-35°	618	554	487	417	353	287	217	159	118	83	56
-37.5°	593	533	466	399	339	273	210	155	113	81	55
-40°	569	509	442	382	323	258	202	151	109	78	53
-42.5°	544	482	422	365	306	247	193	146	106	76	51
-45°	514	457	403	346	290	236	185	139	101	73	49
-47.5°	486	436	381	326	275	223	175	132	95	70	46
-50°	463	411	356	305	257	210	163	122	90	66	44
-52.5°	435	382	330	282	238	194	150	112	85	61	40
-55°	400	350	302	259	218	176	135	104	78	56	37
-57.5°	364	316	276	236	196	157	122	95	71	51	34
-60°	328	288	250	211	173	138	110	85	64	45	31
-62.5°	296	258	221	184	151	122	97	76	56	41	28
-65°	258	223	190	159	131	106	86	66	50	36	25
-67.5°	216	188	161	134	111	91	73	58	44	32	23
-70°	181	156	133	112	92	76	63	50	38	28	20
-72.5°	148	128	107	89	76	64	53	42	32	24	18
-75°	119	102	86	73	62	52	43	34	26	19	15
-77.5°	92	79	67	57	49	41	33	25	19	16	12
-80°	68	59	51	44	37	30	24	18	15	12	10
-82.5°	45	40	36	32	26	21	16	12	10	8	7
-85°	25	23	21	19	15	11	9	7	6	5	5
-87.5°	10	10	9	9	7	6	4	3	3	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: P627884 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	1	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	2	1	0	0	0	0	0
47.5°	3	2	0	0	0	0	0
45°	4	2	0	0	0	0	0
42.5°	5	3	0	0	0	0	0
40°	6	4	0	0	0	0	0
37.5°	7	5	1	0	0	0	0
35°	7	6	2	0	0	0	0
32.5°	8	7	3	0	0	0	0
30°	8	7	4	0	0	0	0
27.5°	8	7	4	0	0	0	0
25°	8	8	5	0	0	0	0
22.5°	8	8	5	0	0	0	0
20°	8	8	6	0	0	0	0
17.5°	8	8	6	0	0	0	0
15°	9	8	7	0	0	0	0
12.5°	10	8	7	0	0	0	0
10°	11	8	7	0	0	0	0
7.5°	12	8	7	0	0	0	0
5°	13	8	8	0	0	0	0
2.5°	14	8	8	0	0	0	0
0°	15	8	8	0	0	0	0
-2.5°	18	9	8	1	0	0	0
-5°	21	9	8	1	0	0	0
-7.5°	24	10	8	1	0	0	0
-10°	26	11	7	2	0	0	0
-12.5°	28	11	7	2	0	0	0
-15°	30	12	7	3	0	0	0
-17.5°	30	12	7	3	0	0	0
-20°	31	12	7	3	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627884 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	32	12	7	3	0	0	0
-25°	32	13	7	4	0	0	0
-27.5°	32	14	7	4	0	0	0
-30°	32	15	8	3	0	0	0
-32.5°	31	15	9	3	0	0	0
-35°	31	16	9	3	0	0	0
-37.5°	31	16	10	3	0	0	0
-40°	31	16	10	2	0	0	0
-42.5°	30	17	10	2	0	0	0
-45°	29	17	10	1	0	0	0
-47.5°	27	17	9	1	0	0	0
-50°	26	16	8	1	0	0	0
-52.5°	25	16	8	1	0	0	0
-55°	24	15	7	2	0	0	0
-57.5°	22	14	6	2	0	0	0
-60°	20	13	6	2	0	0	0
-62.5°	19	12	6	2	0	0	0
-65°	17	11	5	2	0	0	0
-67.5°	16	10	5	2	0	0	0
-70°	14	9	5	2	0	0	0
-72.5°	13	8	4	1	0	0	0
-75°	11	7	4	1	0	0	0
-77.5°	10	6	3	1	0	0	0
-80°	8	5	3	1	0	0	0
-82.5°	6	4	2	1	0	0	0
-85°	4	2	1	0	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)