

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: P627654 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-750-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627654 (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-SA5C-750-U-MR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (80) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

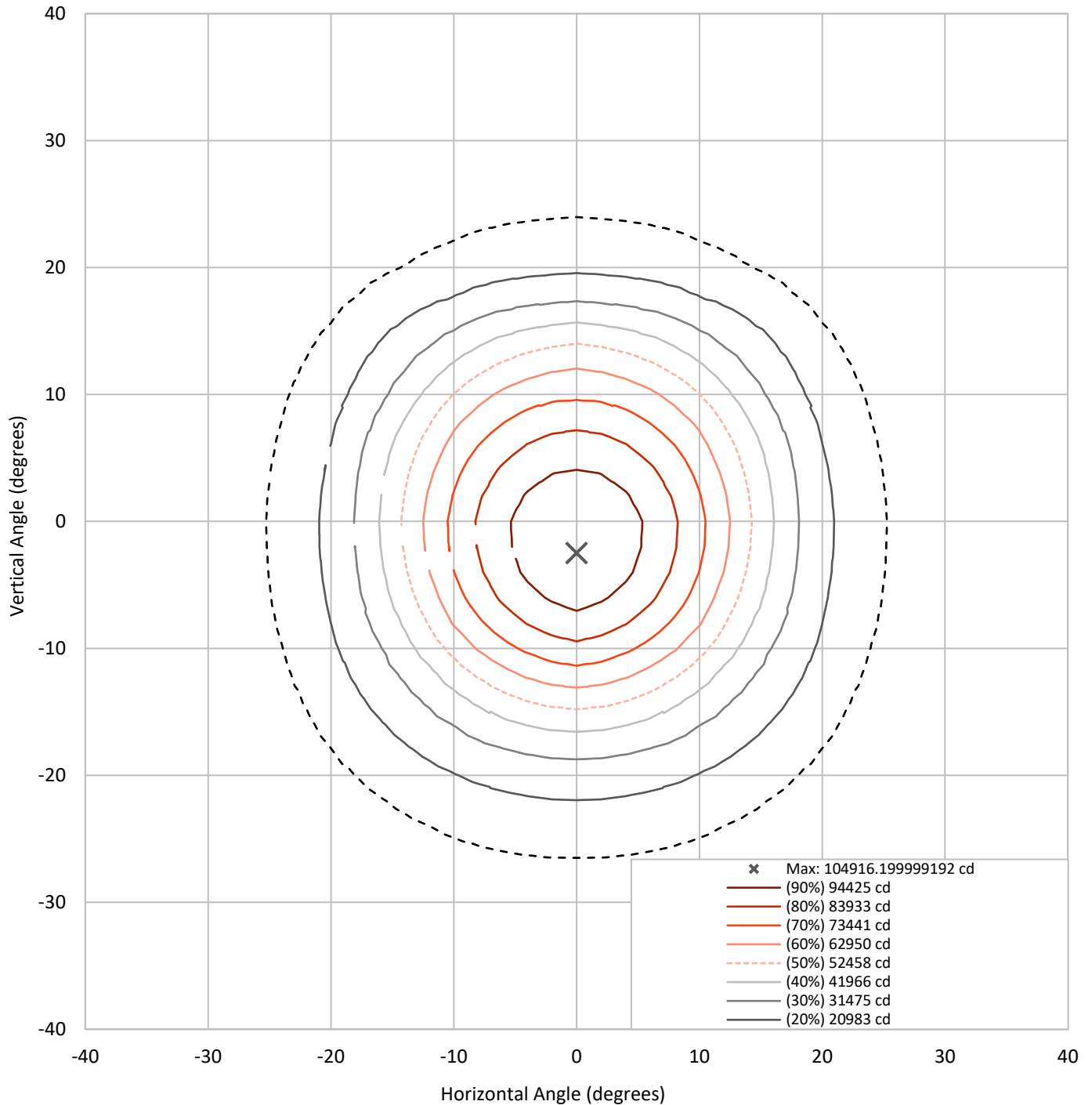
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	29756.5 lumens	Max Intensity:	104916.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	144.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	14878.6 lumens	Field Lumens:	25566.4 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	206.1		
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: P627654 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-U-MR-VSR-XX

Iso-Candela Plot





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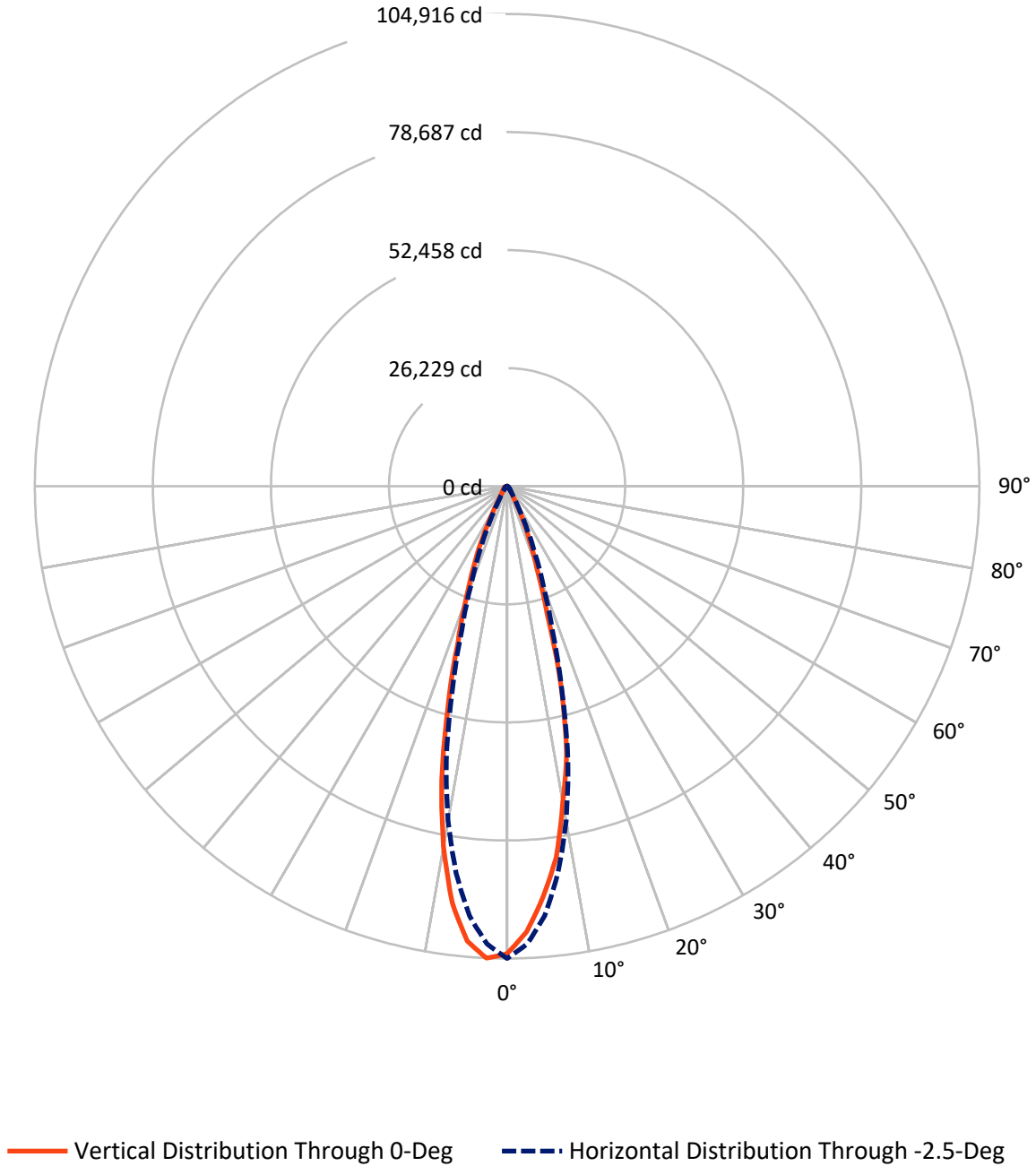
CATALOG NUMBER: GFLD-SA5C-750-U-MR-VSR-XX

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	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0			
50		0.0	0.2	0.8	2.0	3.4	4.7	5.6	5.6	4.7	3.4	2.0	0.8	0.2	0.0				
40	0.1	0.1	1.0	3.2	6.2	9.6	13.5	15.9	15.9	13.5	9.6	6.2	3.2	1.0	0.1	0.1			
30		0.4	2.5	6.4	11.7	19.2	32.1	42.8	42.8	32.1	19.2	11.7	6.4	2.5	0.4				
20	0.2	0.9	4.0	9.7	18.5	45.0	141.2	259.0	259.0	141.2	45.0	18.5	9.7	4.0	0.9	0.2			
10		1.5	5.5	13.2	31.7	155.0	630.2	1233.9	1233.9	630.2	155.0	31.7	13.2	5.5	1.5				
0	0.4	1.9	6.7	15.7	45.4	295.4	1272.4	2494.0	2494.0	1272.4	295.4	45.4	15.7	6.7	1.9	0.4			
-10		2.2	7.3	16.6	48.5	309.5	1305.6	2644.6	2644.6	1305.6	309.5	48.5	16.6	7.3	2.2				
-20	0.6	2.3	7.5	16.2	39.9	190.0	722.0	1399.5	1399.5	722.0	190.0	39.9	16.2	7.5	2.3	0.6			
-30		2.2	7.1	14.8	29.2	73.8	223.6	398.9	398.9	223.6	73.8	29.2	14.8	7.1	2.2				
-40	0.5	1.9	6.3	12.8	22.2	36.4	59.4	79.5	79.5	59.4	36.4	22.2	12.8	6.3	1.9	0.5			
-50		1.6	5.2	10.6	17.5	25.1	33.0	37.1	37.1	33.0	25.1	17.5	10.6	5.2	1.6				
-60	0.3	1.2	3.9	8.3	13.7	19.1	23.8	25.9	25.9	23.8	19.1	13.7	8.3	3.9	1.2	0.3			
-70		0.8	2.5	5.4	9.1	13.0	16.3	18.0	18.0	16.3	13.0	9.1	5.4	2.5	0.8				
-80	0.1	1.9	8.8	19.0	24.0	19.0	8.8	1.9	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

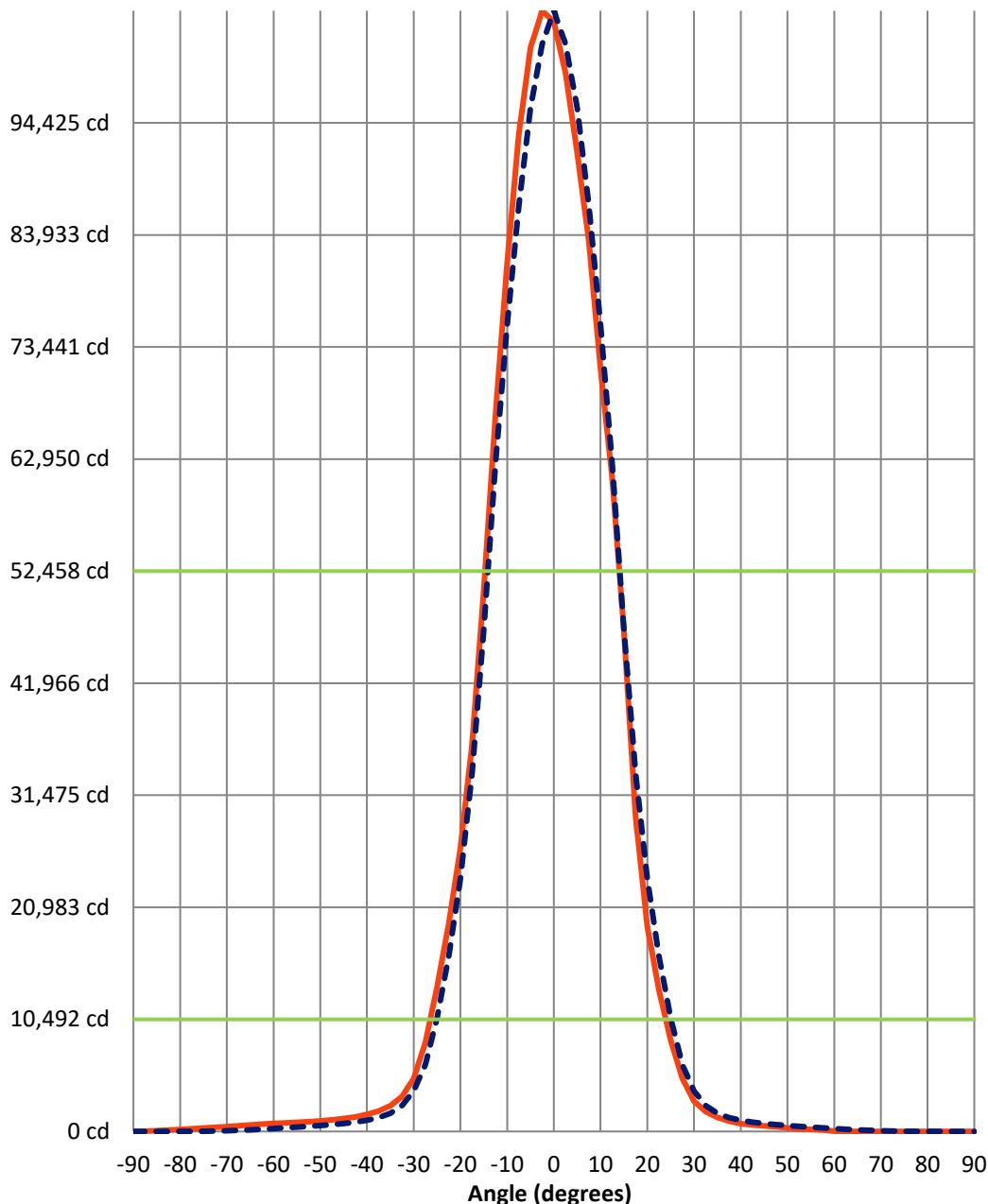
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 14878.6
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 25566.4
 Efficiency: 85.9%

Spill:
 Lumens: 4190.1
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -2.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	0	0	0	0	1	2
57.5°	0	0	0	0	0	0	0	0	1	3	2
55°	0	0	0	0	0	0	1	0	3	4	3
52.5°	0	0	0	0	0	0	1	2	5	4	3
50°	0	0	0	0	0	1	2	4	6	5	4
47.5°	0	0	0	0	0	1	3	5	7	5	6
45°	0	0	0	0	0	2	4	6	7	6	7
42.5°	0	0	0	0	0	3	5	7	7	6	10
40°	0	0	0	0	0	4	5	7	7	7	16
37.5°	0	0	0	0	1	5	6	7	8	10	22
35°	0	0	0	0	2	5	6	7	10	16	28
32.5°	0	0	0	0	2	6	7	7	12	22	36
30°	0	0	0	0	3	6	7	7	15	28	44
27.5°	0	0	0	0	4	6	7	9	19	33	53
25°	0	0	0	0	4	6	7	11	23	40	62
22.5°	0	0	0	0	5	7	7	14	28	47	74
20°	0	0	0	0	5	7	7	17	32	55	85
17.5°	0	0	0	0	5	7	7	19	36	62	95
15°	0	0	0	0	6	7	8	22	40	69	104
12.5°	0	0	0	0	6	7	8	26	44	77	113
10°	0	0	0	0	6	7	9	29	47	84	121
7.5°	0	0	0	0	6	7	10	32	51	90	128
5°	0	0	0	0	6	7	11	35	54	96	134
2.5°	0	0	0	0	7	7	12	37	57	101	140
0°	0	0	0	0	7	7	13	40	59	106	145
-2.5°	0	0	0	0	7	7	16	40	65	109	150
-5°	0	0	0	1	7	8	18	41	71	112	153
-7.5°	0	0	0	1	6	9	21	41	75	115	155
-10°	0	0	0	2	6	9	22	42	78	117	157
-12.5°	0	0	0	2	6	10	24	42	81	119	161
-15°	0	0	0	2	6	10	25	42	81	120	164
-17.5°	0	0	0	3	6	10	26	44	80	121	165
-20°	0	0	0	3	6	11	27	46	79	121	165

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CATALOG NUMBER: GFLD-SA5C-750-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	6	11	27	48	77	119	163
-25°	0	0	0	3	6	11	27	49	75	117	158
-27.5°	0	0	0	3	6	12	27	49	73	113	155
-30°	0	0	0	3	7	13	27	49	72	109	150
-32.5°	0	0	0	3	7	13	27	49	72	105	144
-35°	0	0	0	3	8	13	27	48	71	101	137
-37.5°	0	0	0	2	8	14	27	47	70	97	133
-40°	0	0	0	2	9	14	27	45	67	94	130
-42.5°	0	0	0	1	9	14	26	43	65	91	125
-45°	0	0	0	1	8	14	25	42	62	87	119
-47.5°	0	0	0	1	8	14	23	40	60	82	113
-50°	0	0	0	1	7	14	23	37	56	78	105
-52.5°	0	0	0	1	7	13	22	35	52	73	96
-55°	0	0	0	1	6	13	20	31	48	67	89
-57.5°	0	0	0	1	5	12	19	29	43	61	81
-60°	0	0	0	1	5	11	17	26	39	55	73
-62.5°	0	0	0	2	5	10	16	24	35	48	65
-65°	0	0	0	2	5	9	15	21	31	43	57
-67.5°	0	0	0	1	4	8	14	19	27	38	50
-70°	0	0	0	1	4	8	12	17	24	32	43
-72.5°	0	0	0	1	4	7	11	15	20	27	36
-75°	0	0	0	1	3	6	10	13	16	22	29
-77.5°	0	0	0	1	3	5	8	11	13	17	21
-80°	0	0	0	1	2	4	7	8	10	13	15
-82.5°	0	0	0	1	2	3	5	6	7	8	10
-85°	0	0	0	0	1	2	3	4	5	5	6
-87.5°	0	0	0	0	1	1	2	2	2	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA5C-750-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	1	1	2	2
60°	0	0	1	2	1	3	4	5	6	6	13
57.5°	1	1	3	4	5	7	11	12	21	30	36
55°	2	4	5	6	10	16	21	33	44	58	70
52.5°	4	7	6	10	19	29	42	58	75	88	100
50°	6	8	9	21	33	48	68	90	105	118	136
47.5°	9	10	20	34	51	73	100	118	133	157	184
45°	13	19	32	50	73	104	127	145	170	199	227
42.5°	17	30	47	66	102	131	154	179	207	238	268
40°	26	39	63	93	129	158	186	214	243	280	312
37.5°	34	55	81	118	155	187	219	251	287	325	363
35°	42	70	103	141	179	218	253	290	334	376	419
32.5°	53	86	122	163	204	247	286	334	379	426	478
30°	68	102	141	185	228	273	324	376	422	474	530
27.5°	83	117	159	205	250	299	360	413	462	518	580
25°	96	133	178	224	272	329	394	448	500	562	635
22.5°	110	149	198	240	294	360	426	487	546	607	692
20°	123	166	216	263	316	389	459	527	595	673	768
17.5°	135	182	235	287	345	417	491	566	643	738	857
15°	147	197	253	309	372	446	523	606	696	806	942
12.5°	158	211	270	330	396	472	552	638	742	874	1043
10°	168	223	287	349	417	495	577	667	778	921	1118
7.5°	177	235	302	366	435	515	598	691	808	960	1178
5°	186	246	314	378	449	531	615	712	832	991	1227
2.5°	192	256	323	388	460	541	626	725	849	1020	1264
0°	198	264	330	396	469	548	634	733	859	1044	1288
-2.5°	204	273	338	405	478	555	642	741	870	1051	1294
-5°	209	280	344	411	484	559	645	744	876	1052	1297
-7.5°	213	285	348	415	489	564	648	748	879	1050	1296
-10°	215	287	351	419	493	567	649	747	874	1039	1275
-12.5°	219	289	353	421	495	568	647	740	862	1019	1234
-15°	222	289	353	420	493	567	641	729	843	993	1180
-17.5°	223	288	352	416	490	564	634	718	824	965	1143
-20°	223	286	348	410	484	558	627	709	807	932	1092

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CATALOG NUMBER: GFLD-SA5C-750-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°	221	284	344	404	475	547	618	694	786	891	1035
-25°	218	281	339	399	465	534	605	676	763	863	986
-27.5°	212	275	333	392	454	519	589	659	738	830	935
-30°	204	267	325	383	443	506	570	639	710	796	892
-32.5°	194	258	314	372	432	491	549	616	685	759	846
-35°	186	246	303	358	418	475	530	589	657	726	799
-37.5°	180	234	290	343	400	457	509	564	624	692	758
-40°	173	221	277	328	379	436	488	537	592	657	721
-42.5°	165	212	262	313	362	413	466	514	565	625	685
-45°	158	202	249	297	346	392	441	491	541	594	650
-47.5°	150	191	236	279	327	374	417	465	516	565	616
-50°	140	180	221	261	306	353	397	438	485	535	583
-52.5°	129	167	204	242	283	327	373	415	455	498	545
-55°	116	151	187	222	259	300	343	386	428	467	508
-57.5°	105	134	168	203	236	271	313	354	394	434	474
-60°	94	119	148	181	215	247	282	320	358	396	433
-62.5°	83	105	130	158	189	222	254	287	322	354	386
-65°	73	91	112	136	163	191	221	253	285	311	336
-67.5°	63	78	95	115	138	162	186	213	242	266	289
-70°	54	65	79	96	114	134	155	177	199	220	242
-72.5°	45	55	65	76	92	110	127	144	162	181	200
-75°	37	45	53	62	74	87	102	118	133	147	162
-77.5°	28	35	42	49	57	68	79	92	104	116	128
-80°	20	26	32	38	44	51	58	66	75	84	94
-82.5°	14	18	22	27	31	34	38	43	50	57	63
-85°	8	10	13	16	18	20	22	24	28	32	36
-87.5°	4	5	6	8	8	8	9	9	11	13	14
-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	1	1	0	0
62.5°	2	3	5	7	8	8	9	9	9	9	9
60°	17	16	25	30	29	23	33	37	36	31	30
57.5°	46	58	67	69	78	92	96	94	96	100	112
55°	81	90	97	110	124	136	146	153	161	169	179
52.5°	111	126	136	150	168	179	184	202	218	230	238
50°	157	173	190	209	226	242	255	273	295	318	332
47.5°	206	227	249	276	295	310	327	352	382	409	426
45°	252	276	304	329	351	372	398	429	459	486	507
42.5°	293	320	349	379	398	431	467	499	536	570	596
40°	341	366	410	440	466	501	553	600	644	686	713
37.5°	398	441	488	525	560	603	676	747	803	860	900
35°	465	518	576	616	669	750	840	938	1037	1116	1186
32.5°	530	588	647	712	792	907	1020	1178	1323	1473	1613
30°	588	653	725	808	938	1098	1282	1523	1784	2045	2342
27.5°	649	721	807	939	1135	1353	1694	2073	2614	3049	3750
25°	716	797	913	1124	1395	1779	2374	3050	4169	5124	6202
22.5°	797	921	1086	1350	1803	2493	3418	4893	6610	8206	9727
20°	896	1065	1346	1767	2417	3478	5232	7469	9857	12192	14449
17.5°	1027	1296	1697	2296	3217	5449	8059	11255	15345	18417	21330
15°	1147	1486	2094	3062	4796	7670	11317	16210	21717	26347	31584
12.5°	1289	1699	2431	3687	6166	9963	14613	20448	26965	33994	42197
10°	1413	1916	2858	4588	7594	12014	17224	24074	32445	42389	52758
7.5°	1508	2098	3216	5263	8797	13696	19911	28242	38844	50467	62291
5°	1582	2238	3496	5792	9821	15061	21873	31540	43624	56965	68723
2.5°	1640	2337	3682	6117	10512	15994	23214	33293	46549	61207	73553
0°	1684	2398	3785	6348	10834	16436	23834	34001	47920	63285	75982
-2.5°	1700	2430	3790	6268	10638	16409	23689	33567	46974	62460	75466
-5°	1706	2413	3695	6102	10292	15820	22741	31918	44086	58612	71793
-7.5°	1693	2349	3501	5693	9513	14781	21416	29471	39446	52253	65876
-10°	1648	2236	3238	5138	8442	13160	19354	26160	34128	44583	55623
-12.5°	1565	2068	2876	4308	7181	11324	16810	22827	29036	35907	44988
-15°	1466	1895	2581	3804	6012	9397	13839	18920	24074	29336	34875
-17.5°	1392	1745	2277	3131	4616	7353	10905	14988	19170	23348	27078
-20°	1296	1566	1982	2646	3724	5344	8015	11193	14317	17724	20583

Classified

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

Scaled Data Report



REPORT NUMBER: P627654 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-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°	1211	1441	1752	2170	2896	4035	5559	7795	10169	12644	14991
-25°	1131	1305	1551	1887	2321	2999	4005	5174	6840	8362	10106
-27.5°	1063	1209	1377	1625	1953	2325	2942	3625	4498	5224	6388
-30°	998	1114	1253	1413	1653	1936	2267	2681	3109	3537	4095
-32.5°	937	1035	1143	1272	1421	1633	1839	2105	2338	2596	2862
-35°	877	964	1053	1156	1270	1410	1565	1740	1896	2051	2190
-37.5°	826	898	977	1057	1149	1246	1368	1492	1596	1697	1783
-40°	783	843	908	975	1048	1127	1221	1313	1383	1449	1503
-42.5°	743	796	847	904	965	1037	1111	1180	1229	1274	1310
-45°	705	751	798	844	895	957	1020	1075	1113	1147	1174
-47.5°	665	707	749	792	840	890	940	981	1014	1044	1063
-50°	626	667	705	740	783	828	871	906	935	961	975
-52.5°	587	626	665	701	736	771	805	838	868	895	904
-55°	550	588	623	657	691	724	755	783	810	836	843
-57.5°	513	552	588	616	645	675	704	732	758	781	790
-60°	471	511	542	569	597	625	651	677	702	724	734
-62.5°	421	457	486	512	538	562	586	609	632	650	661
-65°	362	393	422	447	470	492	514	535	554	569	578
-67.5°	311	334	358	381	405	426	446	464	481	494	501
-70°	263	283	304	325	346	365	383	399	414	425	433
-72.5°	218	236	255	274	293	309	323	338	352	361	369
-75°	177	193	209	225	241	254	266	278	289	297	304
-77.5°	141	153	164	176	188	199	209	218	227	234	240
-80°	104	114	123	132	140	148	155	162	170	176	181
-82.5°	70	78	85	92	99	103	107	111	114	119	123
-85°	41	45	50	54	59	61	64	67	70	72	75
-87.5°	16	18	20	22	24	24	25	25	25	27	29
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-750-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	1
62.5°	8	7	7	7	7	7	8	9	9	9	9
60°	29	26	26	26	26	26	29	30	31	36	37
57.5°	123	132	137	139	137	132	123	112	100	96	94
55°	187	194	195	192	195	194	187	179	169	161	153
52.5°	242	243	241	238	241	243	242	238	230	218	202
50°	336	335	335	337	335	335	336	332	318	295	273
47.5°	432	437	438	436	438	437	432	426	409	382	352
45°	516	522	525	522	525	522	516	507	486	459	429
42.5°	606	611	612	614	612	611	606	596	570	536	499
40°	725	730	729	727	729	730	725	713	686	644	600
37.5°	927	941	947	965	947	941	927	900	860	803	747
35°	1241	1275	1293	1321	1293	1275	1241	1186	1116	1037	938
32.5°	1714	1783	1820	1856	1820	1783	1714	1613	1473	1323	1178
30°	2548	2684	2739	2841	2739	2684	2548	2342	2045	1784	1523
27.5°	4265	4588	4715	4981	4715	4588	4265	3750	3049	2614	2073
25°	7184	7880	8264	8568	8264	7880	7184	6202	5124	4169	3050
22.5°	11263	12284	12829	13232	12829	12284	11263	9727	8206	6610	4893
20°	16496	17843	18647	19230	18647	17843	16496	14449	12192	9857	7469
17.5°	25070	27188	28425	29489	28425	27188	25070	21330	18417	15345	11255
15°	37428	41682	44988	46830	44988	41682	37428	31584	26347	21717	16210
12.5°	49449	55680	59382	61086	59382	55680	49449	42197	33994	26965	20448
10°	61338	67213	70736	71358	70736	67213	61338	52758	42389	32445	24074
7.5°	70439	76901	81581	83282	81581	76901	70439	62291	50467	38844	28242
5°	78478	86044	90997	91625	90997	86044	78478	68723	56965	43624	31540
2.5°	84391	92616	97419	99070	97419	92616	84391	73553	61207	46549	33293
0°	87252	96110	101455	103859	101455	96110	87252	75982	63285	47920	34001
-2.5°	86650	95812	101777	104916	101777	95812	86650	75466	62460	46974	33567
-5°	83355	92544	98107	101441	98107	92544	83355	71793	58612	44086	31918
-7.5°	75758	84351	90272	93349	90272	84351	75758	65876	52253	39446	29471
-10°	65968	73240	78637	81260	78637	73240	65968	55623	44583	34128	26160
-12.5°	53246	60301	65170	67024	65170	60301	53246	44988	35907	29036	22827
-15°	40796	46180	49639	50734	49639	46180	40796	34875	29336	24074	18920
-17.5°	30938	33837	35782	36307	35782	33837	30938	27078	23348	19170	14988
-20°	23178	24975	26237	26536	26237	24975	23178	20583	17724	14317	11193

Classified

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

Scaled Data Report



REPORT NUMBER: P627654 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-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°	16888	18239	19258	19461	19258	18239	16888	14991	12644	10169	7795
-25°	11649	12779	13470	13522	13470	12779	11649	10106	8362	6840	5174
-27.5°	7303	7924	8244	8357	8244	7924	7303	6388	5224	4498	3625
-30°	4513	4799	4949	4955	4949	4799	4513	4095	3537	3109	2681
-32.5°	3064	3202	3277	3277	3277	3202	3064	2862	2596	2338	2105
-35°	2295	2366	2407	2411	2407	2366	2295	2190	2051	1896	1740
-37.5°	1845	1885	1905	1909	1905	1885	1845	1783	1697	1596	1492
-40°	1543	1570	1588	1599	1588	1570	1543	1503	1449	1383	1313
-42.5°	1335	1352	1360	1354	1360	1352	1335	1310	1274	1229	1180
-45°	1189	1199	1206	1209	1206	1199	1189	1174	1147	1113	1075
-47.5°	1073	1078	1082	1083	1082	1078	1073	1063	1044	1014	981
-50°	982	986	987	984	987	986	982	975	961	935	906
-52.5°	908	909	911	912	911	909	908	904	895	868	838
-55°	848	850	851	852	851	850	848	843	836	810	783
-57.5°	797	802	803	799	803	802	797	790	781	758	732
-60°	742	749	752	753	752	749	742	734	724	702	677
-62.5°	669	676	679	680	679	676	669	661	650	632	609
-65°	585	591	600	608	600	591	585	578	569	554	535
-67.5°	508	513	521	528	521	513	508	501	494	481	464
-70°	441	447	449	449	449	447	441	433	425	414	399
-72.5°	375	381	383	383	383	381	375	369	361	352	338
-75°	310	315	317	317	317	315	310	304	297	289	278
-77.5°	245	250	251	251	251	250	245	240	234	227	218
-80°	186	191	188	185	188	191	186	181	176	170	162
-82.5°	127	131	129	126	129	131	127	123	119	114	111
-85°	77	79	76	73	76	79	77	75	72	70	67
-87.5°	31	33	30	26	30	33	31	29	27	25	25
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627654 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-750-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°	9	8	8	7	5	3	2	2	2	1	1
60°	33	23	29	30	25	16	17	13	6	6	5
57.5°	96	92	78	69	67	58	46	36	30	21	12
55°	146	136	124	110	97	90	81	70	58	44	33
52.5°	184	179	168	150	136	126	111	100	88	75	58
50°	255	242	226	209	190	173	157	136	118	105	90
47.5°	327	310	295	276	249	227	206	184	157	133	118
45°	398	372	351	329	304	276	252	227	199	170	145
42.5°	467	431	398	379	349	320	293	268	238	207	179
40°	553	501	466	440	410	366	341	312	280	243	214
37.5°	676	603	560	525	488	441	398	363	325	287	251
35°	840	750	669	616	576	518	465	419	376	334	290
32.5°	1020	907	792	712	647	588	530	478	426	379	334
30°	1282	1098	938	808	725	653	588	530	474	422	376
27.5°	1694	1353	1135	939	807	721	649	580	518	462	413
25°	2374	1779	1395	1124	913	797	716	635	562	500	448
22.5°	3418	2493	1803	1350	1086	921	797	692	607	546	487
20°	5232	3478	2417	1767	1346	1065	896	768	673	595	527
17.5°	8059	5449	3217	2296	1697	1296	1027	857	738	643	566
15°	11317	7670	4796	3062	2094	1486	1147	942	806	696	606
12.5°	14613	9963	6166	3687	2431	1699	1289	1043	874	742	638
10°	17224	12014	7594	4588	2858	1916	1413	1118	921	778	667
7.5°	19911	13696	8797	5263	3216	2098	1508	1178	960	808	691
5°	21873	15061	9821	5792	3496	2238	1582	1227	991	832	712
2.5°	23214	15994	10512	6117	3682	2337	1640	1264	1020	849	725
0°	23834	16436	10834	6348	3785	2398	1684	1288	1044	859	733
-2.5°	23689	16409	10638	6268	3790	2430	1700	1294	1051	870	741
-5°	22741	15820	10292	6102	3695	2413	1706	1297	1052	876	744
-7.5°	21416	14781	9513	5693	3501	2349	1693	1296	1050	879	748
-10°	19354	13160	8442	5138	3238	2236	1648	1275	1039	874	747
-12.5°	16810	11324	7181	4308	2876	2068	1565	1234	1019	862	740
-15°	13839	9397	6012	3804	2581	1895	1466	1180	993	843	729
-17.5°	10905	7353	4616	3131	2277	1745	1392	1143	965	824	718
-20°	8015	5344	3724	2646	1982	1566	1296	1092	932	807	709

Classified

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

Scaled Data Report



REPORT NUMBER: P627654 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-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°	5559	4035	2896	2170	1752	1441	1211	1035	891	786	694
-25°	4005	2999	2321	1887	1551	1305	1131	986	863	763	676
-27.5°	2942	2325	1953	1625	1377	1209	1063	935	830	738	659
-30°	2267	1936	1653	1413	1253	1114	998	892	796	710	639
-32.5°	1839	1633	1421	1272	1143	1035	937	846	759	685	616
-35°	1565	1410	1270	1156	1053	964	877	799	726	657	589
-37.5°	1368	1246	1149	1057	977	898	826	758	692	624	564
-40°	1221	1127	1048	975	908	843	783	721	657	592	537
-42.5°	1111	1037	965	904	847	796	743	685	625	565	514
-45°	1020	957	895	844	798	751	705	650	594	541	491
-47.5°	940	890	840	792	749	707	665	616	565	516	465
-50°	871	828	783	740	705	667	626	583	535	485	438
-52.5°	805	771	736	701	665	626	587	545	498	455	415
-55°	755	724	691	657	623	588	550	508	467	428	386
-57.5°	704	675	645	616	588	552	513	474	434	394	354
-60°	651	625	597	569	542	511	471	433	396	358	320
-62.5°	586	562	538	512	486	457	421	386	354	322	287
-65°	514	492	470	447	422	393	362	336	311	285	253
-67.5°	446	426	405	381	358	334	311	289	266	242	213
-70°	383	365	346	325	304	283	263	242	220	199	177
-72.5°	323	309	293	274	255	236	218	200	181	162	144
-75°	266	254	241	225	209	193	177	162	147	133	118
-77.5°	209	199	188	176	164	153	141	128	116	104	92
-80°	155	148	140	132	123	114	104	94	84	75	66
-82.5°	107	103	99	92	85	78	70	63	57	50	43
-85°	64	61	59	54	50	45	41	36	32	28	24
-87.5°	25	24	24	22	20	18	16	14	13	11	9
-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: P627654 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-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°	4	3	1	2	1	0	0	2	1	0	0
57.5°	11	7	5	4	3	1	1	2	3	1	0
55°	21	16	10	6	5	4	2	3	4	3	0
52.5°	42	29	19	10	6	7	4	3	4	5	2
50°	68	48	33	21	9	8	6	4	5	6	4
47.5°	100	73	51	34	20	10	9	6	5	7	5
45°	127	104	73	50	32	19	13	7	6	7	6
42.5°	154	131	102	66	47	30	17	10	6	7	7
40°	186	158	129	93	63	39	26	16	7	7	7
37.5°	219	187	155	118	81	55	34	22	10	8	7
35°	253	218	179	141	103	70	42	28	16	10	7
32.5°	286	247	204	163	122	86	53	36	22	12	7
30°	324	273	228	185	141	102	68	44	28	15	7
27.5°	360	299	250	205	159	117	83	53	33	19	9
25°	394	329	272	224	178	133	96	62	40	23	11
22.5°	426	360	294	240	198	149	110	74	47	28	14
20°	459	389	316	263	216	166	123	85	55	32	17
17.5°	491	417	345	287	235	182	135	95	62	36	19
15°	523	446	372	309	253	197	147	104	69	40	22
12.5°	552	472	396	330	270	211	158	113	77	44	26
10°	577	495	417	349	287	223	168	121	84	47	29
7.5°	598	515	435	366	302	235	177	128	90	51	32
5°	615	531	449	378	314	246	186	134	96	54	35
2.5°	626	541	460	388	323	256	192	140	101	57	37
0°	634	548	469	396	330	264	198	145	106	59	40
-2.5°	642	555	478	405	338	273	204	150	109	65	40
-5°	645	559	484	411	344	280	209	153	112	71	41
-7.5°	648	564	489	415	348	285	213	155	115	75	41
-10°	649	567	493	419	351	287	215	157	117	78	42
-12.5°	647	568	495	421	353	289	219	161	119	81	42
-15°	641	567	493	420	353	289	222	164	120	81	42
-17.5°	634	564	490	416	352	288	223	165	121	80	44
-20°	627	558	484	410	348	286	223	165	121	79	46

Classified

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

Scaled Data Report



REPORT NUMBER: P627654 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-750-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°	618	547	475	404	344	284	221	163	119	77	48
-25°	605	534	465	399	339	281	218	158	117	75	49
-27.5°	589	519	454	392	333	275	212	155	113	73	49
-30°	570	506	443	383	325	267	204	150	109	72	49
-32.5°	549	491	432	372	314	258	194	144	105	72	49
-35°	530	475	418	358	303	246	186	137	101	71	48
-37.5°	509	457	400	343	290	234	180	133	97	70	47
-40°	488	436	379	328	277	221	173	130	94	67	45
-42.5°	466	413	362	313	262	212	165	125	91	65	43
-45°	441	392	346	297	249	202	158	119	87	62	42
-47.5°	417	374	327	279	236	191	150	113	82	60	40
-50°	397	353	306	261	221	180	140	105	78	56	37
-52.5°	373	327	283	242	204	167	129	96	73	52	35
-55°	343	300	259	222	187	151	116	89	67	48	31
-57.5°	313	271	236	203	168	134	105	81	61	43	29
-60°	282	247	215	181	148	119	94	73	55	39	26
-62.5°	254	222	189	158	130	105	83	65	48	35	24
-65°	221	191	163	136	112	91	73	57	43	31	21
-67.5°	186	162	138	115	95	78	63	50	38	27	19
-70°	155	134	114	96	79	65	54	43	32	24	17
-72.5°	127	110	92	76	65	55	45	36	27	20	15
-75°	102	87	74	62	53	45	37	29	22	16	13
-77.5°	79	68	57	49	42	35	28	21	17	13	11
-80°	58	51	44	38	32	26	20	15	13	10	8
-82.5°	38	34	31	27	22	18	14	10	8	7	6
-85°	22	20	18	16	13	10	8	6	5	5	4
-87.5°	9	8	8	8	6	5	4	3	3	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA5C-750-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	1	0	0	0	0	0
45°	4	2	0	0	0	0	0
42.5°	5	3	0	0	0	0	0
40°	5	4	0	0	0	0	0
37.5°	6	5	1	0	0	0	0
35°	6	5	2	0	0	0	0
32.5°	7	6	2	0	0	0	0
30°	7	6	3	0	0	0	0
27.5°	7	6	4	0	0	0	0
25°	7	6	4	0	0	0	0
22.5°	7	7	5	0	0	0	0
20°	7	7	5	0	0	0	0
17.5°	7	7	5	0	0	0	0
15°	8	7	6	0	0	0	0
12.5°	8	7	6	0	0	0	0
10°	9	7	6	0	0	0	0
7.5°	10	7	6	0	0	0	0
5°	11	7	6	0	0	0	0
2.5°	12	7	7	0	0	0	0
0°	13	7	7	0	0	0	0
-2.5°	16	7	7	0	0	0	0
-5°	18	8	7	1	0	0	0
-7.5°	21	9	6	1	0	0	0
-10°	22	9	6	2	0	0	0
-12.5°	24	10	6	2	0	0	0
-15°	25	10	6	2	0	0	0
-17.5°	26	10	6	3	0	0	0
-20°	27	11	6	3	0	0	0

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CATALOG NUMBER: GFLD-SA5C-750-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	27	11	6	3	0	0	0
-25°	27	11	6	3	0	0	0
-27.5°	27	12	6	3	0	0	0
-30°	27	13	7	3	0	0	0
-32.5°	27	13	7	3	0	0	0
-35°	27	13	8	3	0	0	0
-37.5°	27	14	8	2	0	0	0
-40°	27	14	9	2	0	0	0
-42.5°	26	14	9	1	0	0	0
-45°	25	14	8	1	0	0	0
-47.5°	23	14	8	1	0	0	0
-50°	23	14	7	1	0	0	0
-52.5°	22	13	7	1	0	0	0
-55°	20	13	6	1	0	0	0
-57.5°	19	12	5	1	0	0	0
-60°	17	11	5	1	0	0	0
-62.5°	16	10	5	2	0	0	0
-65°	15	9	5	2	0	0	0
-67.5°	14	8	4	1	0	0	0
-70°	12	8	4	1	0	0	0
-72.5°	11	7	4	1	0	0	0
-75°	10	6	3	1	0	0	0
-77.5°	8	5	3	1	0	0	0
-80°	7	4	2	1	0	0	0
-82.5°	5	3	2	1	0	0	0
-85°	3	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)