

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: P627544 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627544 (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-SA5B-722-U-MR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

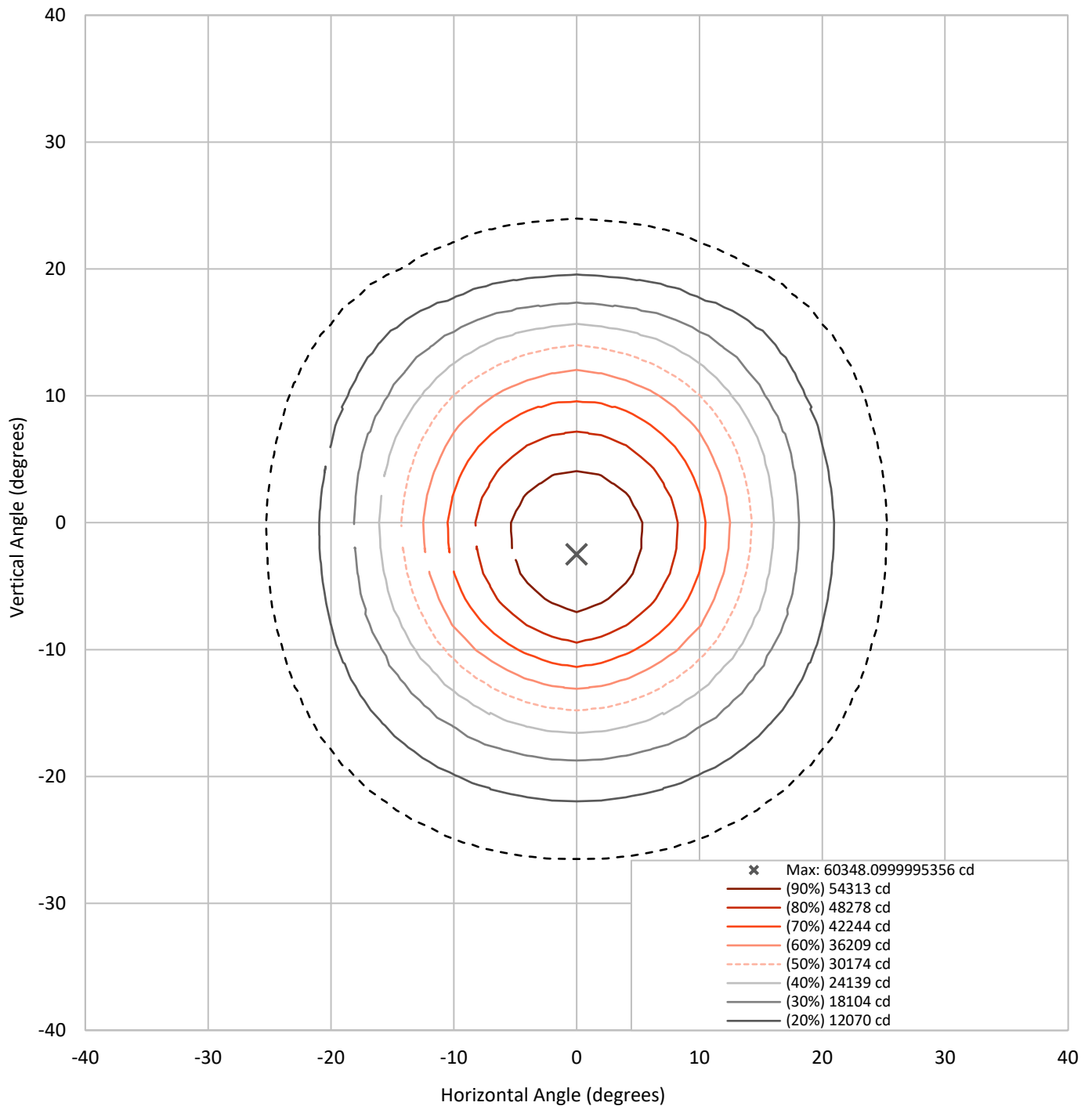
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	17116.1 lumens	Max Intensity:	60348.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	107.9 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:	8558.2 lumens	Field Lumens:	14705.9 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	158.7		
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		



REPORT NUMBER: P627544 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





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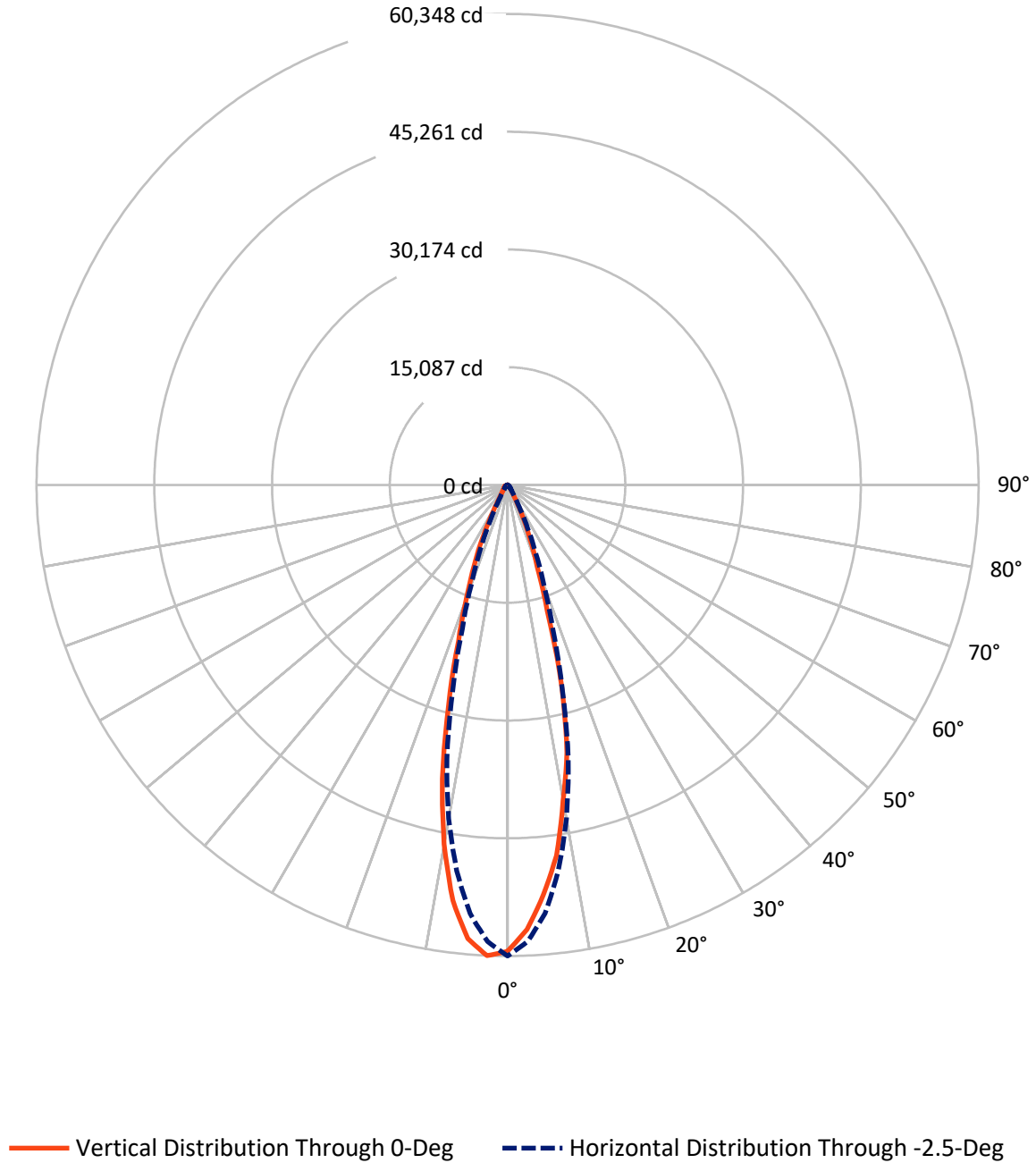
CATALOG NUMBER: GFLD-SA5B-722-U-MR-VSR-XX

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	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	0.0				
60		0.0	0.1	0.5	1.2	2.0	2.7	3.2	3.2	2.7	2.0	1.2	0.5	0.1		0.0			
50	0.0	0.1	0.6	1.9	3.6	5.5	7.8	9.1	9.1	7.8	5.5	3.6	1.9	0.6	0.1	0.0			
40		0.3	1.4	3.7	6.7	11.1	18.5	24.6	24.6	18.5	11.1	6.7	3.7	1.4	0.3				
30	0.1	0.5	2.3	5.6	10.6	25.9	81.2	149.0	149.0	81.2	25.9	10.6	5.6	2.3	0.5	0.1			
20		0.8	3.2	7.6	18.2	89.2	362.5	709.7	709.7	362.5	89.2	18.2	7.6	3.2	0.8				
10	0.2	1.1	3.9	9.1	26.1	169.9	731.9	1434.6	1434.6	731.9	169.9	26.1	9.1	3.9	1.1	0.2			
0		1.2	4.2	9.6	27.9	178.0	751.0	1521.2	1521.2	751.0	178.0	27.9	9.6	4.2	1.2				
-10	0.3	1.3	4.3	9.3	23.0	109.3	415.3	805.0	805.0	415.3	109.3	23.0	9.3	4.3	1.3	0.3			
-20		1.3	4.1	8.5	16.8	42.4	128.6	229.5	229.5	128.6	42.4	16.8	8.5	4.1	1.3				
-30	0.3	1.1	3.6	7.4	12.8	20.9	34.2	45.7	45.7	34.2	20.9	12.8	7.4	3.6	1.1	0.3			
-40		0.9	3.0	6.1	10.1	14.4	19.0	21.3	21.3	19.0	14.4	10.1	6.1	3.0	0.9				
-50	0.2	0.7	2.3	4.8	7.9	11.0	13.7	14.9	14.9	13.7	11.0	7.9	4.8	2.3	0.7	0.2			
-60		0.4	1.4	3.1	5.3	7.5	9.4	10.4	10.4	9.4	7.5	5.3	3.1	1.4	0.4				
-70	0.1																		
-80		1.1	5.1	10.9	13.8	10.9	5.1	1.1											
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

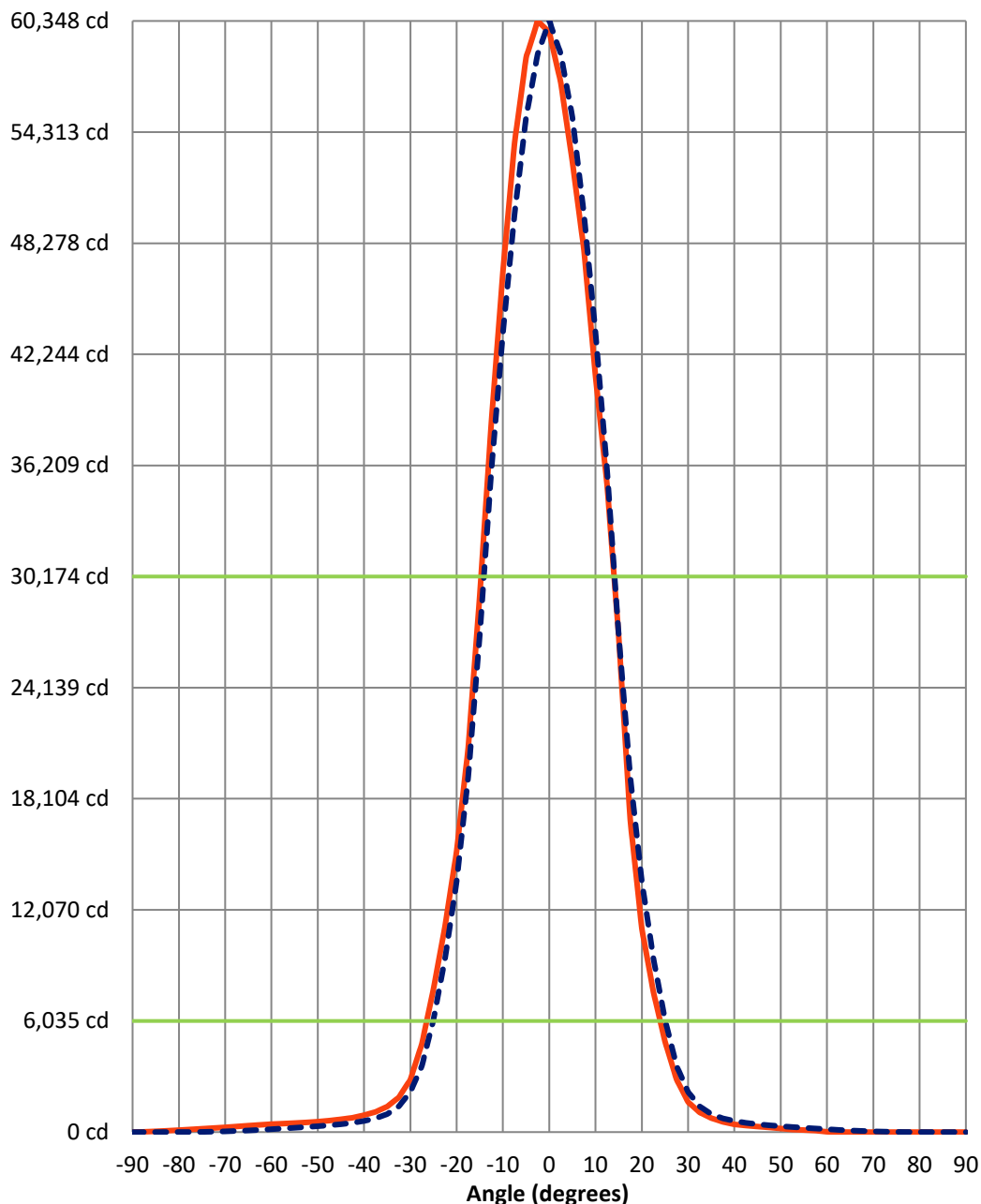
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 8558.2
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 14705.9
 Efficiency: 85.9%

Spill:
 Lumens: 2410.2
 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	1	1
57.5°	0	0	0	0	0	0	0	0	1	2	1
55°	0	0	0	0	0	0	0	0	2	2	2
52.5°	0	0	0	0	0	0	1	1	3	3	2
50°	0	0	0	0	0	0	1	2	4	3	3
47.5°	0	0	0	0	0	1	2	3	4	3	3
45°	0	0	0	0	0	1	2	4	4	3	4
42.5°	0	0	0	0	0	2	3	4	4	4	6
40°	0	0	0	0	0	2	3	4	4	4	9
37.5°	0	0	0	0	1	3	3	4	5	6	13
35°	0	0	0	0	1	3	4	4	6	9	16
32.5°	0	0	0	0	1	3	4	4	7	13	21
30°	0	0	0	0	2	3	4	4	9	16	25
27.5°	0	0	0	0	2	4	4	5	11	19	30
25°	0	0	0	0	2	4	4	7	13	23	36
22.5°	0	0	0	0	3	4	4	8	16	27	43
20°	0	0	0	0	3	4	4	10	18	31	49
17.5°	0	0	0	0	3	4	4	11	21	36	55
15°	0	0	0	0	3	4	4	13	23	40	60
12.5°	0	0	0	0	3	4	5	15	25	44	65
10°	0	0	0	0	4	4	5	17	27	48	69
7.5°	0	0	0	0	4	4	6	18	29	52	74
5°	0	0	0	0	4	4	7	20	31	55	77
2.5°	0	0	0	0	4	4	7	22	33	58	81
0°	0	0	0	0	4	4	8	23	34	61	84
-2.5°	0	0	0	0	4	4	9	23	38	63	86
-5°	0	0	0	0	4	5	11	24	41	65	88
-7.5°	0	0	0	1	4	5	12	24	43	66	89
-10°	0	0	0	1	4	5	13	24	45	67	90
-12.5°	0	0	0	1	4	6	14	24	46	68	92
-15°	0	0	0	1	4	6	15	24	47	69	94
-17.5°	0	0	0	1	4	6	15	25	46	70	95
-20°	0	0	0	2	4	6	15	26	45	69	95

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REPORT NUMBER: P627544 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-722-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	2	4	6	16	27	44	69	94
-25°	0	0	0	2	4	6	16	28	43	67	91
-27.5°	0	0	0	2	4	7	16	28	42	65	89
-30°	0	0	0	2	4	7	16	28	41	63	87
-32.5°	0	0	0	2	4	8	15	28	41	61	83
-35°	0	0	0	1	5	8	15	28	41	58	79
-37.5°	0	0	0	1	5	8	15	27	40	56	77
-40°	0	0	0	1	5	8	15	26	39	54	75
-42.5°	0	0	0	1	5	8	15	25	37	52	72
-45°	0	0	0	1	5	8	14	24	36	50	68
-47.5°	0	0	0	1	4	8	13	23	34	47	65
-50°	0	0	0	1	4	8	13	22	32	45	60
-52.5°	0	0	0	1	4	8	12	20	30	42	55
-55°	0	0	0	1	4	7	12	18	28	39	51
-57.5°	0	0	0	1	3	7	11	17	25	35	47
-60°	0	0	0	1	3	6	10	15	22	32	42
-62.5°	0	0	0	1	3	6	9	14	20	28	37
-65°	0	0	0	1	3	5	9	12	18	25	33
-67.5°	0	0	0	1	2	5	8	11	16	22	29
-70°	0	0	0	1	2	4	7	10	14	19	25
-72.5°	0	0	0	1	2	4	6	9	12	16	21
-75°	0	0	0	1	2	3	6	7	9	13	17
-77.5°	0	0	0	1	2	3	5	6	8	10	12
-80°	0	0	0	0	1	2	4	5	6	7	9
-82.5°	0	0	0	0	1	2	3	3	4	5	6
-85°	0	0	0	0	1	1	2	2	3	3	3
-87.5°	0	0	0	0	0	1	1	1	1	1	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-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	0	1	1
60°	0	0	1	1	1	2	2	3	3	4	8
57.5°	0	1	2	2	3	4	6	7	12	17	21
55°	1	2	3	3	6	9	12	19	25	33	40
52.5°	2	4	4	6	11	16	24	33	43	51	57
50°	4	4	5	12	19	28	39	52	61	68	79
47.5°	5	6	12	20	29	42	58	68	77	90	106
45°	7	11	19	29	42	60	73	83	98	114	130
42.5°	10	17	27	38	58	76	88	103	119	137	154
40°	15	23	36	53	74	91	107	123	140	161	180
37.5°	20	31	47	68	89	108	126	145	165	187	209
35°	24	40	59	81	103	125	146	167	192	216	241
32.5°	31	49	70	94	117	142	165	192	218	245	275
30°	39	59	81	106	131	157	186	217	243	272	305
27.5°	47	67	92	118	144	172	207	237	266	298	333
25°	55	77	102	129	157	189	227	258	288	323	365
22.5°	63	86	114	138	169	207	245	280	314	349	398
20°	71	96	125	151	182	224	264	303	342	387	442
17.5°	78	105	135	165	199	240	283	326	370	425	493
15°	85	113	145	178	214	257	301	349	400	464	542
12.5°	91	121	156	190	228	271	318	367	427	503	600
10°	97	128	165	201	240	285	332	383	448	530	643
7.5°	102	135	174	211	250	296	344	398	465	552	678
5°	107	141	181	218	258	305	354	409	479	570	706
2.5°	111	147	186	223	265	311	360	417	488	587	727
0°	114	152	190	228	270	315	365	422	494	600	741
-2.5°	118	157	194	233	275	319	369	426	501	604	744
-5°	120	161	198	236	279	322	371	428	504	605	746
-7.5°	122	164	200	239	281	324	373	430	506	604	745
-10°	124	165	202	241	284	326	373	429	503	598	733
-12.5°	126	166	203	242	285	327	372	426	496	586	710
-15°	128	166	203	242	284	326	369	419	485	571	679
-17.5°	128	166	202	240	282	325	365	413	474	555	658
-20°	128	165	200	236	278	321	361	408	464	536	628

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CATALOG NUMBER: GFLD-SA5B-722-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°	127	163	198	233	273	315	356	399	452	513	595
-25°	125	161	195	229	267	307	348	389	439	497	567
-27.5°	122	158	192	225	261	299	339	379	424	477	538
-30°	117	154	187	220	255	291	328	368	409	458	513
-32.5°	112	148	181	214	248	283	316	354	394	436	486
-35°	107	142	174	206	240	273	305	339	378	418	460
-37.5°	104	135	167	197	230	263	293	324	359	398	436
-40°	100	127	159	189	218	251	281	309	341	378	415
-42.5°	95	122	151	180	208	238	268	295	325	359	394
-45°	91	116	143	171	199	225	254	282	311	341	374
-47.5°	86	110	136	161	188	215	240	267	297	325	354
-50°	80	104	127	150	176	203	229	252	279	307	336
-52.5°	74	96	117	139	163	188	214	239	262	287	314
-55°	67	87	108	128	149	173	197	222	246	269	292
-57.5°	60	77	97	117	136	156	180	203	227	249	273
-60°	54	68	85	104	124	142	162	184	206	228	249
-62.5°	48	60	75	91	109	127	146	165	185	203	222
-65°	42	52	65	79	94	110	127	146	164	179	193
-67.5°	36	45	55	66	79	93	107	123	139	153	166
-70°	31	37	46	55	66	77	89	102	114	127	139
-72.5°	26	32	37	44	53	63	73	83	93	104	115
-75°	21	26	31	36	42	50	59	68	76	85	93
-77.5°	16	20	24	28	33	39	46	53	60	67	74
-80°	12	15	18	22	25	29	33	38	43	48	54
-82.5°	8	10	13	16	18	20	22	25	29	33	37
-85°	4	6	7	9	10	11	13	14	16	19	21
-87.5°	2	3	4	4	5	5	5	5	6	7	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627544 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	1	1	0	0	0
62.5°	1	2	3	4	4	5	5	5	5	5	5
60°	10	9	14	17	17	13	19	21	20	18	17
57.5°	27	33	38	40	45	53	55	54	55	58	65
55°	47	52	56	63	71	78	84	88	92	97	103
52.5°	64	72	78	86	97	103	106	116	125	133	137
50°	90	99	110	120	130	139	147	157	170	183	191
47.5°	119	130	143	159	170	178	188	203	220	235	245
45°	145	159	175	189	202	214	229	247	264	280	292
42.5°	169	184	201	218	229	248	269	287	308	328	343
40°	196	211	236	253	268	288	318	345	371	395	410
37.5°	229	254	281	302	322	347	389	430	462	495	518
35°	268	298	331	354	385	431	483	540	596	642	682
32.5°	305	338	372	409	455	522	587	677	761	847	928
30°	338	376	417	465	539	631	738	876	1026	1176	1347
27.5°	374	415	464	540	653	778	974	1192	1503	1754	2157
25°	412	458	525	646	803	1023	1365	1754	2398	2948	3567
22.5°	458	530	625	776	1037	1434	1966	2814	3802	4720	5595
20°	515	613	774	1016	1390	2001	3010	4296	5670	7013	8311
17.5°	591	745	976	1320	1850	3134	4636	6474	8826	10594	12269
15°	660	855	1204	1762	2759	4412	6510	9324	12491	15155	18167
12.5°	741	977	1398	2121	3547	5731	8405	11762	15511	19553	24272
10°	813	1102	1644	2639	4368	6910	9907	13847	18662	24382	30347
7.5°	867	1207	1850	3027	5060	7878	11453	16245	22343	29029	35830
5°	910	1288	2011	3332	5649	8663	12581	18142	25093	32766	39530
2.5°	943	1344	2118	3519	6047	9200	13353	19150	26775	35207	42308
0°	969	1379	2177	3652	6232	9454	13710	19557	27564	36402	43705
-2.5°	978	1398	2180	3605	6119	9438	13626	19308	27020	35927	43408
-5°	981	1388	2125	3510	5920	9100	13081	18359	25359	33714	41295
-7.5°	974	1351	2014	3275	5472	8502	12319	16952	22689	30056	37892
-10°	948	1286	1863	2955	4856	7569	11133	15047	19630	25644	31995
-12.5°	900	1189	1654	2478	4130	6514	9669	13130	16702	20654	25877
-15°	843	1090	1484	2188	3458	5405	7960	10883	13848	16874	20060
-17.5°	800	1004	1310	1801	2655	4229	6272	8621	11026	13430	15575
-20°	746	901	1140	1522	2142	3074	4610	6438	8235	10195	11840

Classified

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

Scaled Data Report



REPORT NUMBER: P627544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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°	697	829	1008	1248	1666	2321	3197	4484	5849	7273	8623
-25°	651	750	892	1086	1335	1725	2304	2976	3935	4810	5813
-27.5°	612	695	792	935	1123	1337	1692	2085	2587	3005	3674
-30°	574	641	721	813	951	1114	1304	1542	1788	2035	2355
-32.5°	539	595	658	732	817	939	1058	1210	1345	1493	1646
-35°	505	555	606	665	731	811	900	1001	1090	1180	1260
-37.5°	475	517	562	608	661	717	787	858	918	976	1026
-40°	450	485	522	561	603	648	703	755	796	833	865
-42.5°	427	458	487	520	555	597	639	679	707	733	754
-45°	406	432	459	486	515	551	587	618	640	660	675
-47.5°	382	406	431	455	483	512	541	564	584	600	612
-50°	360	383	405	426	450	476	501	521	538	553	561
-52.5°	338	360	382	403	423	444	463	482	499	515	520
-55°	316	338	358	378	397	416	434	450	466	481	485
-57.5°	295	318	339	354	371	388	405	421	436	449	454
-60°	271	294	312	328	344	360	374	389	404	417	422
-62.5°	242	263	280	295	309	323	337	350	363	374	380
-65°	209	226	243	257	271	283	296	308	319	327	332
-67.5°	179	192	206	219	233	245	256	267	277	284	288
-70°	151	163	175	187	199	210	220	229	238	245	249
-72.5°	125	136	147	158	168	178	186	194	202	208	212
-75°	102	111	120	129	138	146	153	160	166	171	175
-77.5°	81	88	94	101	108	114	120	125	130	134	138
-80°	60	65	71	76	81	85	89	93	98	101	104
-82.5°	41	45	49	53	57	59	62	64	66	68	71
-85°	23	26	29	31	34	35	37	38	40	41	43
-87.5°	9	10	12	13	14	14	14	14	15	16	17
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-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	1
62.5°	5	4	4	4	4	4	5	5	5	5	5
60°	17	15	15	15	15	15	17	17	18	20	21
57.5°	71	76	79	80	79	76	71	65	58	55	54
55°	108	111	112	110	112	111	108	103	97	92	88
52.5°	139	140	139	137	139	140	139	137	133	125	116
50°	193	193	193	194	193	193	193	191	183	170	157
47.5°	249	251	252	251	252	251	249	245	235	220	203
45°	297	301	302	300	302	301	297	292	280	264	247
42.5°	349	351	352	353	352	351	349	343	328	308	287
40°	417	420	419	418	419	420	417	410	395	371	345
37.5°	533	541	545	555	545	541	533	518	495	462	430
35°	714	733	744	760	744	733	714	682	642	596	540
32.5°	986	1026	1047	1068	1047	1026	986	928	847	761	677
30°	1466	1544	1576	1634	1576	1544	1466	1347	1176	1026	876
27.5°	2453	2639	2712	2865	2712	2639	2453	2157	1754	1503	1192
25°	4132	4533	4754	4928	4754	4533	4132	3567	2948	2398	1754
22.5°	6478	7066	7379	7611	7379	7066	6478	5595	4720	3802	2814
20°	9488	10263	10726	11061	10726	10263	9488	8311	7013	5670	4296
17.5°	14420	15638	16350	16962	16350	15638	14420	12269	10594	8826	6474
15°	21528	23976	25877	26937	25877	23976	21528	18167	15155	12491	9324
12.5°	28443	32027	34157	35137	34157	32027	28443	24272	19553	15511	11762
10°	35282	38661	40687	41045	40687	38661	35282	30347	24382	18662	13847
7.5°	40517	44234	46926	47904	46926	44234	40517	35830	29029	22343	16245
5°	45141	49493	52342	52703	52342	49493	45141	39530	32766	25093	18142
2.5°	48542	53273	56036	56985	56036	53273	48542	42308	35207	26775	19150
0°	50187	55283	58357	59740	58357	55283	50187	43705	36402	27564	19557
-2.5°	49841	55112	58543	60348	58543	55112	49841	43408	35927	27020	19308
-5°	47946	53232	56431	58349	56431	53232	47946	41295	33714	25359	18359
-7.5°	43576	48519	51925	53695	51925	48519	43576	37892	30056	22689	16952
-10°	37945	42128	45232	46741	45232	42128	37945	31995	25644	19630	15047
-12.5°	30627	34685	37486	38552	37486	34685	30627	25877	20654	16702	13130
-15°	23466	26563	28553	29182	28553	26563	23466	20060	16874	13848	10883
-17.5°	17796	19463	20582	20884	20582	19463	17796	15575	13430	11026	8621
-20°	13332	14365	15092	15264	15092	14365	13332	11840	10195	8235	6438

Classified

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

Scaled Data Report



REPORT NUMBER: P627544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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°	9714	10491	11077	11194	11077	10491	9714	8623	7273	5849	4484
-25°	6701	7350	7748	7778	7748	7350	6701	5813	4810	3935	2976
-27.5°	4201	4558	4742	4807	4742	4558	4201	3674	3005	2587	2085
-30°	2596	2760	2847	2850	2847	2760	2596	2355	2035	1788	1542
-32.5°	1762	1842	1885	1885	1885	1842	1762	1646	1493	1345	1210
-35°	1320	1361	1384	1387	1384	1361	1320	1260	1180	1090	1001
-37.5°	1061	1084	1096	1098	1096	1084	1061	1026	976	918	858
-40°	888	903	913	919	913	903	888	865	833	796	755
-42.5°	768	778	782	779	782	778	768	754	733	707	679
-45°	684	690	694	695	694	690	684	675	660	640	618
-47.5°	617	620	622	623	622	620	617	612	600	584	564
-50°	565	567	568	566	568	567	565	561	553	538	521
-52.5°	522	523	524	524	524	523	522	520	515	499	482
-55°	488	489	490	490	490	489	488	485	481	466	450
-57.5°	458	462	462	460	462	462	458	454	449	436	421
-60°	427	431	433	433	433	431	427	422	417	404	389
-62.5°	385	389	391	391	391	389	385	380	374	363	350
-65°	337	340	345	350	345	340	337	332	327	319	308
-67.5°	292	295	300	304	300	295	292	288	284	277	267
-70°	253	257	258	258	258	257	253	249	245	238	229
-72.5°	216	219	220	220	220	219	216	212	208	202	194
-75°	178	181	182	182	182	181	178	175	171	166	160
-77.5°	141	144	144	144	144	144	141	138	134	130	125
-80°	107	110	108	106	108	110	107	104	101	98	93
-82.5°	73	76	74	72	74	76	73	71	68	66	64
-85°	44	45	44	42	44	45	44	43	41	40	38
-87.5°	18	19	17	15	17	19	18	17	16	15	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627544 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-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	1	0	0	0	0	0	0	0	0	0
62.5°	5	5	4	4	3	2	1	1	1	0	1
60°	19	13	17	17	14	9	10	8	4	3	3
57.5°	55	53	45	40	38	33	27	21	17	12	7
55°	84	78	71	63	56	52	47	40	33	25	19
52.5°	106	103	97	86	78	72	64	57	51	43	33
50°	147	139	130	120	110	99	90	79	68	61	52
47.5°	188	178	170	159	143	130	119	106	90	77	68
45°	229	214	202	189	175	159	145	130	114	98	83
42.5°	269	248	229	218	201	184	169	154	137	119	103
40°	318	288	268	253	236	211	196	180	161	140	123
37.5°	389	347	322	302	281	254	229	209	187	165	145
35°	483	431	385	354	331	298	268	241	216	192	167
32.5°	587	522	455	409	372	338	305	275	245	218	192
30°	738	631	539	465	417	376	338	305	272	243	217
27.5°	974	778	653	540	464	415	374	333	298	266	237
25°	1365	1023	803	646	525	458	412	365	323	288	258
22.5°	1966	1434	1037	776	625	530	458	398	349	314	280
20°	3010	2001	1390	1016	774	613	515	442	387	342	303
17.5°	4636	3134	1850	1320	976	745	591	493	425	370	326
15°	6510	4412	2759	1762	1204	855	660	542	464	400	349
12.5°	8405	5731	3547	2121	1398	977	741	600	503	427	367
10°	9907	6910	4368	2639	1644	1102	813	643	530	448	383
7.5°	11453	7878	5060	3027	1850	1207	867	678	552	465	398
5°	12581	8663	5649	3332	2011	1288	910	706	570	479	409
2.5°	13353	9200	6047	3519	2118	1344	943	727	587	488	417
0°	13710	9454	6232	3652	2177	1379	969	741	600	494	422
-2.5°	13626	9438	6119	3605	2180	1398	978	744	604	501	426
-5°	13081	9100	5920	3510	2125	1388	981	746	605	504	428
-7.5°	12319	8502	5472	3275	2014	1351	974	745	604	506	430
-10°	11133	7569	4856	2955	1863	1286	948	733	598	503	429
-12.5°	9669	6514	4130	2478	1654	1189	900	710	586	496	426
-15°	7960	5405	3458	2188	1484	1090	843	679	571	485	419
-17.5°	6272	4229	2655	1801	1310	1004	800	658	555	474	413
-20°	4610	3074	2142	1522	1140	901	746	628	536	464	408

Classified

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

Scaled Data Report



REPORT NUMBER: P627544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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°	3197	2321	1666	1248	1008	829	697	595	513	452	399
-25°	2304	1725	1335	1086	892	750	651	567	497	439	389
-27.5°	1692	1337	1123	935	792	695	612	538	477	424	379
-30°	1304	1114	951	813	721	641	574	513	458	409	368
-32.5°	1058	939	817	732	658	595	539	486	436	394	354
-35°	900	811	731	665	606	555	505	460	418	378	339
-37.5°	787	717	661	608	562	517	475	436	398	359	324
-40°	703	648	603	561	522	485	450	415	378	341	309
-42.5°	639	597	555	520	487	458	427	394	359	325	295
-45°	587	551	515	486	459	432	406	374	341	311	282
-47.5°	541	512	483	455	431	406	382	354	325	297	267
-50°	501	476	450	426	405	383	360	336	307	279	252
-52.5°	463	444	423	403	382	360	338	314	287	262	239
-55°	434	416	397	378	358	338	316	292	269	246	222
-57.5°	405	388	371	354	339	318	295	273	249	227	203
-60°	374	360	344	328	312	294	271	249	228	206	184
-62.5°	337	323	309	295	280	263	242	222	203	185	165
-65°	296	283	271	257	243	226	209	193	179	164	146
-67.5°	256	245	233	219	206	192	179	166	153	139	123
-70°	220	210	199	187	175	163	151	139	127	114	102
-72.5°	186	178	168	158	147	136	125	115	104	93	83
-75°	153	146	138	129	120	111	102	93	85	76	68
-77.5°	120	114	108	101	94	88	81	74	67	60	53
-80°	89	85	81	76	71	65	60	54	48	43	38
-82.5°	62	59	57	53	49	45	41	37	33	29	25
-85°	37	35	34	31	29	26	23	21	19	16	14
-87.5°	14	14	14	13	12	10	9	8	7	6	5
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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	0	0	0	0
60°	2	2	1	1	1	0	0	1	1	0	0
57.5°	6	4	3	2	2	1	0	1	2	1	0
55°	12	9	6	3	3	2	1	2	2	2	0
52.5°	24	16	11	6	4	4	2	2	3	3	1
50°	39	28	19	12	5	4	4	3	3	4	2
47.5°	58	42	29	20	12	6	5	3	3	4	3
45°	73	60	42	29	19	11	7	4	3	4	4
42.5°	88	76	58	38	27	17	10	6	4	4	4
40°	107	91	74	53	36	23	15	9	4	4	4
37.5°	126	108	89	68	47	31	20	13	6	5	4
35°	146	125	103	81	59	40	24	16	9	6	4
32.5°	165	142	117	94	70	49	31	21	13	7	4
30°	186	157	131	106	81	59	39	25	16	9	4
27.5°	207	172	144	118	92	67	47	30	19	11	5
25°	227	189	157	129	102	77	55	36	23	13	7
22.5°	245	207	169	138	114	86	63	43	27	16	8
20°	264	224	182	151	125	96	71	49	31	18	10
17.5°	283	240	199	165	135	105	78	55	36	21	11
15°	301	257	214	178	145	113	85	60	40	23	13
12.5°	318	271	228	190	156	121	91	65	44	25	15
10°	332	285	240	201	165	128	97	69	48	27	17
7.5°	344	296	250	211	174	135	102	74	52	29	18
5°	354	305	258	218	181	141	107	77	55	31	20
2.5°	360	311	265	223	186	147	111	81	58	33	22
0°	365	315	270	228	190	152	114	84	61	34	23
-2.5°	369	319	275	233	194	157	118	86	63	38	23
-5°	371	322	279	236	198	161	120	88	65	41	24
-7.5°	373	324	281	239	200	164	122	89	66	43	24
-10°	373	326	284	241	202	165	124	90	67	45	24
-12.5°	372	327	285	242	203	166	126	92	68	46	24
-15°	369	326	284	242	203	166	128	94	69	47	24
-17.5°	365	325	282	240	202	166	128	95	70	46	25
-20°	361	321	278	236	200	165	128	95	69	45	26

Classified

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

Scaled Data Report



REPORT NUMBER: P627544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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°	356	315	273	233	198	163	127	94	69	44	27
-25°	348	307	267	229	195	161	125	91	67	43	28
-27.5°	339	299	261	225	192	158	122	89	65	42	28
-30°	328	291	255	220	187	154	117	87	63	41	28
-32.5°	316	283	248	214	181	148	112	83	61	41	28
-35°	305	273	240	206	174	142	107	79	58	41	28
-37.5°	293	263	230	197	167	135	104	77	56	40	27
-40°	281	251	218	189	159	127	100	75	54	39	26
-42.5°	268	238	208	180	151	122	95	72	52	37	25
-45°	254	225	199	171	143	116	91	68	50	36	24
-47.5°	240	215	188	161	136	110	86	65	47	34	23
-50°	229	203	176	150	127	104	80	60	45	32	22
-52.5°	214	188	163	139	117	96	74	55	42	30	20
-55°	197	173	149	128	108	87	67	51	39	28	18
-57.5°	180	156	136	117	97	77	60	47	35	25	17
-60°	162	142	124	104	85	68	54	42	32	22	15
-62.5°	146	127	109	91	75	60	48	37	28	20	14
-65°	127	110	94	79	65	52	42	33	25	18	12
-67.5°	107	93	79	66	55	45	36	29	22	16	11
-70°	89	77	66	55	46	37	31	25	19	14	10
-72.5°	73	63	53	44	37	32	26	21	16	12	9
-75°	59	50	42	36	31	26	21	17	13	9	7
-77.5°	46	39	33	28	24	20	16	12	10	8	6
-80°	33	29	25	22	18	15	12	9	7	6	5
-82.5°	22	20	18	16	13	10	8	6	5	4	3
-85°	13	11	10	9	7	6	4	3	3	3	2
-87.5°	5	5	5	4	4	3	2	2	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: P627544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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°	1	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	2	1	0	0	0	0	0
45°	2	1	0	0	0	0	0
42.5°	3	2	0	0	0	0	0
40°	3	2	0	0	0	0	0
37.5°	3	3	1	0	0	0	0
35°	4	3	1	0	0	0	0
32.5°	4	3	1	0	0	0	0
30°	4	3	2	0	0	0	0
27.5°	4	4	2	0	0	0	0
25°	4	4	2	0	0	0	0
22.5°	4	4	3	0	0	0	0
20°	4	4	3	0	0	0	0
17.5°	4	4	3	0	0	0	0
15°	4	4	3	0	0	0	0
12.5°	5	4	3	0	0	0	0
10°	5	4	4	0	0	0	0
7.5°	6	4	4	0	0	0	0
5°	7	4	4	0	0	0	0
2.5°	7	4	4	0	0	0	0
0°	8	4	4	0	0	0	0
-2.5°	9	4	4	0	0	0	0
-5°	11	5	4	0	0	0	0
-7.5°	12	5	4	1	0	0	0
-10°	13	5	4	1	0	0	0
-12.5°	14	6	4	1	0	0	0
-15°	15	6	4	1	0	0	0
-17.5°	15	6	4	1	0	0	0
-20°	15	6	4	2	0	0	0

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REPORT NUMBER: P627544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)