

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: P627724 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627724 (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-SA5E-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

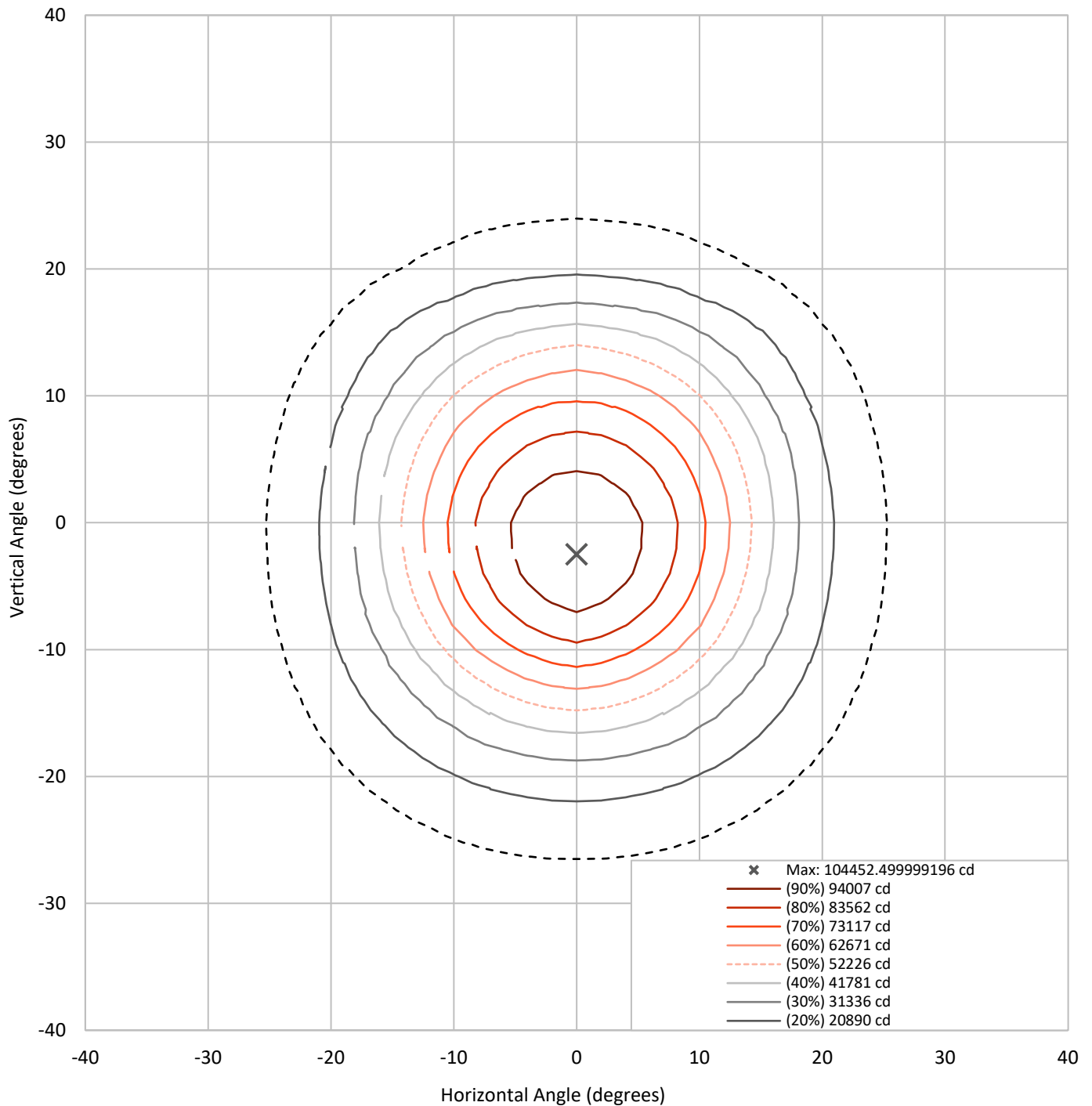
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	29625 lumens	Max Intensity:	104452.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	94.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	14812.8 lumens	Field Lumens:	25453.4 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	313.7		
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: P627724 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-722-U-MR-VSR-XX

Iso-Candela Plot





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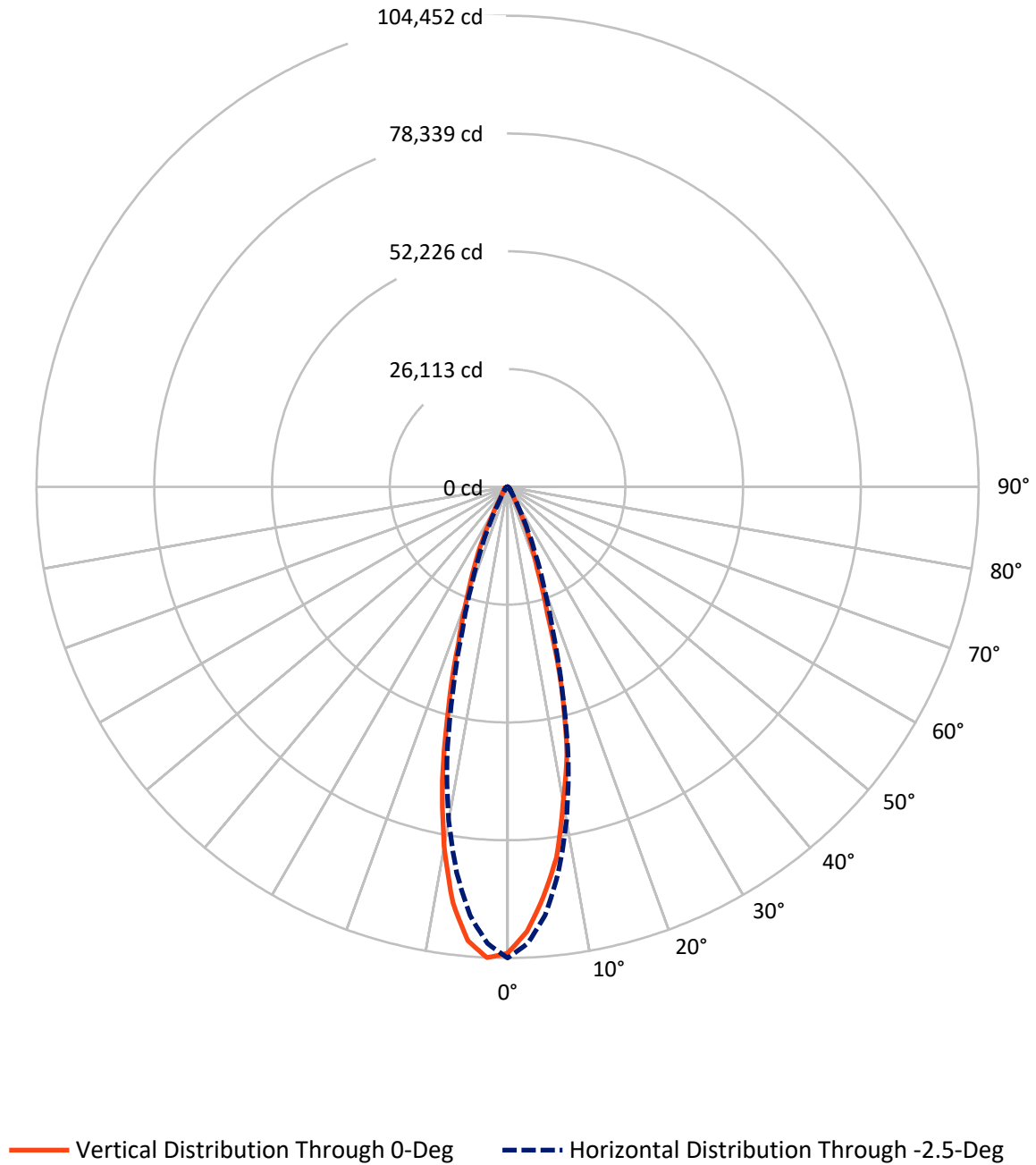
CATALOG NUMBER: GFLD-SA5E-722-U-MR-VSR-XX

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																			
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	15.8	15.8	13.5	9.6	6.2	3.2	1.0	0.1	0.1			
30		0.4	2.5	6.3	11.7	19.1	32.0	42.6	42.6	32.0	19.1	11.7	6.3	2.5	0.4				
20	0.2	0.9	4.0	9.7	18.4	44.8	140.6	257.9	257.9	140.6	44.8	18.4	9.7	4.0	0.9	0.2			
10		1.5	5.5	13.2	31.5	154.3	627.4	1228.4	1228.4	627.4	154.3	31.5	13.2	5.5	1.5				
0	0.4	1.9	6.7	15.7	45.2	294.1	1266.8	2483.0	2483.0	1266.8	294.1	45.2	15.7	6.7	1.9	0.4			
-10		2.1	7.3	16.5	48.3	308.1	1299.8	2632.9	2632.9	1299.8	308.1	48.3	16.5	7.3	2.1				
-20	0.6	2.3	7.4	16.1	39.7	189.2	718.8	1393.3	1393.3	718.8	189.2	39.7	16.1	7.4	2.3	0.6			
-30		2.2	7.1	14.8	29.1	73.5	222.6	397.2	397.2	222.6	73.5	29.1	14.8	7.1	2.2				
-40	0.5	1.9	6.3	12.8	22.1	36.3	59.2	79.2	79.2	59.2	36.3	22.1	12.8	6.3	1.9	0.5			
-50		1.6	5.2	10.6	17.4	25.0	32.9	36.9	36.9	32.9	25.0	17.4	10.6	5.2	1.6				
-60	0.3	1.2	3.9	8.3	13.6	19.0	23.7	25.8	25.8	23.7	19.0	13.6	8.3	3.9	1.2	0.3			
-70		0.8	2.4	5.4	9.1	12.9	16.2	17.9	17.9	16.2	12.9	9.1	5.4	2.4	0.8				
-80	0.1	1.9	8.8	18.9	23.9	18.9	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

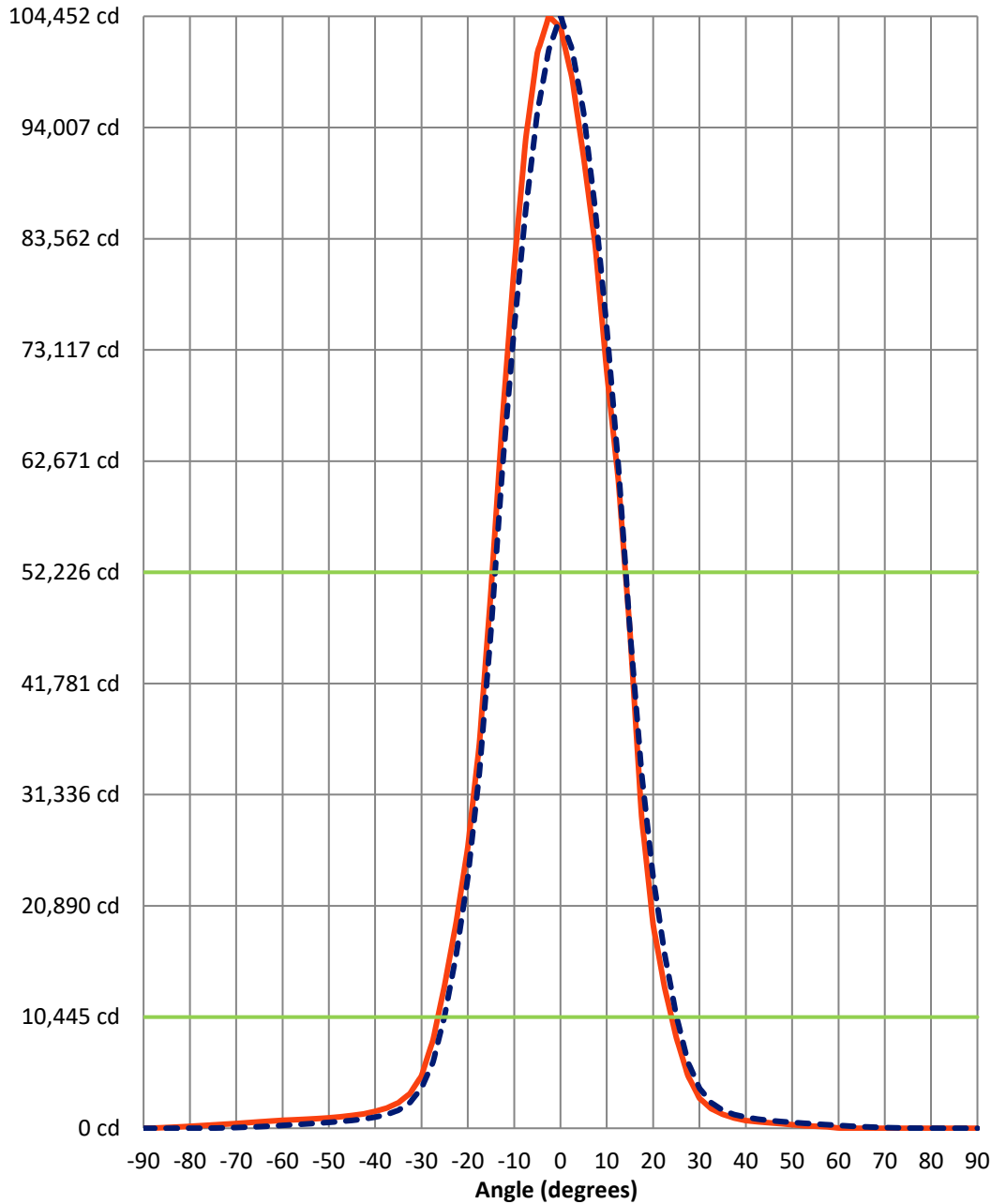
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 14812.8
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 25453.4
 Efficiency: 85.9%

Spill:
 Lumens: 4171.6
 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	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	52
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	16	32	54	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	43	76	112
10°	0	0	0	0	6	7	9	29	47	83	120
7.5°	0	0	0	0	6	7	10	32	51	90	127
5°	0	0	0	0	6	7	11	35	54	95	134
2.5°	0	0	0	0	7	7	12	37	57	101	140
0°	0	0	0	0	7	7	13	39	59	105	145
-2.5°	0	0	0	0	7	7	16	40	65	109	149
-5°	0	0	0	1	7	8	18	41	70	112	152
-7.5°	0	0	0	1	6	9	20	41	75	114	155
-10°	0	0	0	2	6	9	22	42	78	116	157
-12.5°	0	0	0	2	6	10	24	42	80	118	160
-15°	0	0	0	2	6	10	25	42	81	120	163
-17.5°	0	0	0	3	6	10	26	44	80	120	165
-20°	0	0	0	3	6	11	27	46	79	120	164

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REPORT NUMBER: P627724 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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	3	6	11	27	47	77	119	162
-25°	0	0	0	3	6	11	27	48	75	116	158
-27.5°	0	0	0	3	6	12	27	49	72	113	154
-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	136
-37.5°	0	0	0	2	8	14	27	47	69	97	133
-40°	0	0	0	2	9	14	27	45	67	93	129
-42.5°	0	0	0	1	9	14	26	43	65	91	124
-45°	0	0	0	1	8	14	25	42	62	87	119
-47.5°	0	0	0	1	8	14	23	40	59	81	112
-50°	0	0	0	1	7	14	22	37	56	77	105
-52.5°	0	0	0	1	7	13	22	34	52	72	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



REPORT NUMBER: P627724 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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	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	69
52.5°	4	7	6	10	19	29	42	58	75	88	99
50°	6	8	9	21	33	48	68	90	105	117	136
47.5°	9	10	20	34	50	73	100	118	133	157	183
45°	12	19	32	50	73	103	127	144	170	198	226
42.5°	17	29	47	66	101	131	153	178	206	237	267
40°	26	39	63	93	129	157	185	213	242	278	311
37.5°	34	54	81	118	154	186	218	250	285	324	361
35°	42	70	102	141	178	217	252	289	332	374	417
32.5°	53	85	122	162	203	246	285	333	378	424	476
30°	67	102	140	184	227	272	322	375	420	472	528
27.5°	82	117	159	204	249	298	358	411	460	516	577
25°	96	133	177	223	271	328	392	446	498	560	632
22.5°	109	148	197	239	293	358	424	485	544	605	689
20°	122	166	216	262	315	387	457	524	592	670	764
17.5°	135	182	234	286	344	416	489	564	640	735	853
15°	146	196	252	308	371	444	521	604	693	803	937
12.5°	157	210	269	329	394	470	550	635	738	870	1038
10°	167	222	286	347	415	493	574	664	774	917	1113
7.5°	177	234	301	365	433	513	596	688	805	955	1173
5°	185	245	312	377	447	529	613	708	828	986	1221
2.5°	192	255	322	387	458	539	624	721	845	1015	1258
0°	197	263	329	395	467	546	631	730	855	1039	1282
-2.5°	204	272	336	403	476	553	639	738	866	1046	1288
-5°	208	279	342	409	482	557	643	741	872	1047	1291
-7.5°	212	283	346	413	487	561	646	745	875	1045	1290
-10°	214	286	350	417	491	565	646	743	870	1034	1269
-12.5°	218	287	352	419	492	566	644	737	858	1014	1228
-15°	221	287	352	418	491	565	639	725	839	989	1175
-17.5°	222	286	350	415	488	562	631	714	820	961	1138
-20°	222	285	347	409	482	555	625	705	804	928	1087

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CATALOG NUMBER: GFLD-SA5E-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°	220	283	342	402	473	545	615	691	782	887	1030
-25°	217	279	337	397	463	532	603	673	760	859	981
-27.5°	211	274	332	390	452	517	586	656	735	826	931
-30°	203	266	323	381	441	503	567	636	707	792	888
-32.5°	193	257	313	370	430	489	547	613	682	755	842
-35°	185	245	302	356	416	473	528	587	654	723	795
-37.5°	179	233	289	341	398	455	507	561	622	689	755
-40°	172	220	276	327	378	435	486	535	589	654	718
-42.5°	165	211	261	312	361	411	464	511	563	622	682
-45°	158	201	247	296	344	390	439	489	539	591	648
-47.5°	149	191	235	278	326	372	415	463	514	563	613
-50°	139	179	220	260	304	351	396	436	483	532	581
-52.5°	128	166	203	241	282	326	371	414	453	496	543
-55°	116	151	186	221	258	299	342	385	426	465	505
-57.5°	105	134	168	202	235	270	311	352	392	432	472
-60°	94	118	148	180	214	246	280	319	357	394	431
-62.5°	83	105	129	157	189	221	253	286	320	352	384
-65°	73	91	112	136	162	190	220	252	283	309	334
-67.5°	62	78	95	115	137	161	185	213	241	265	288
-70°	54	65	79	95	113	133	154	176	198	219	241
-72.5°	45	55	65	76	91	109	126	143	162	181	199
-75°	37	44	53	62	73	87	101	117	132	147	161
-77.5°	28	35	42	49	57	67	79	91	103	115	128
-80°	20	26	32	38	44	50	58	66	74	84	94
-82.5°	14	18	22	27	31	34	38	43	50	56	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



REPORT NUMBER: P627724 (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	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	32	37	36	31	30
57.5°	46	57	66	69	78	92	96	94	95	100	112
55°	81	89	96	109	123	135	145	152	160	168	178
52.5°	110	125	136	150	167	178	183	201	217	229	237
50°	156	172	190	208	225	241	254	272	294	316	330
47.5°	205	225	248	275	294	309	326	351	380	407	424
45°	251	274	302	328	349	370	396	427	457	484	505
42.5°	292	318	348	377	396	429	465	496	534	568	594
40°	339	365	408	438	464	499	551	597	641	683	710
37.5°	396	439	486	522	557	601	673	744	800	856	896
35°	463	515	573	613	666	747	836	934	1032	1111	1181
32.5°	528	585	644	709	788	903	1016	1172	1317	1466	1606
30°	585	650	722	804	934	1093	1277	1516	1776	2036	2332
27.5°	646	718	803	935	1130	1347	1686	2064	2602	3035	3734
25°	713	794	909	1119	1389	1771	2363	3037	4151	5102	6174
22.5°	793	917	1081	1344	1795	2482	3403	4871	6581	8169	9684
20°	892	1060	1340	1759	2406	3463	5209	7436	9814	12138	14385
17.5°	1023	1290	1690	2286	3203	5425	8024	11205	15277	18336	21236
15°	1142	1479	2085	3049	4775	7636	11267	16138	21621	26230	31444
12.5°	1283	1691	2420	3671	6139	9919	14548	20358	26846	33843	42011
10°	1406	1908	2846	4567	7561	11961	17148	23968	32301	42202	52525
7.5°	1501	2089	3201	5239	8758	13635	19823	28117	38672	50244	62016
5°	1575	2228	3481	5766	9778	14995	21776	31400	43431	56713	68419
2.5°	1632	2327	3666	6090	10466	15923	23111	33146	46343	60937	73228
0°	1677	2387	3768	6320	10786	16363	23729	33851	47708	63006	75646
-2.5°	1692	2419	3773	6240	10591	16336	23585	33418	46766	62184	75133
-5°	1698	2403	3678	6075	10246	15750	22640	31777	43891	58353	71476
-7.5°	1686	2339	3485	5668	9471	14716	21322	29341	39271	52022	65584
-10°	1640	2226	3224	5115	8405	13101	19269	26044	33977	44386	55377
-12.5°	1558	2059	2864	4288	7149	11274	16736	22726	28908	35748	44789
-15°	1460	1887	2569	3787	5986	9355	13778	18837	23968	29206	34721
-17.5°	1385	1738	2267	3117	4596	7320	10857	14922	19085	23245	26958
-20°	1291	1559	1973	2634	3708	5320	7980	11143	14254	17646	20492

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

Scaled Data Report



REPORT NUMBER: P627724 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	1206	1435	1744	2161	2883	4018	5534	7761	10124	12588	14925
-25°	1126	1299	1545	1879	2310	2986	3987	5151	6810	8325	10061
-27.5°	1059	1203	1371	1618	1944	2314	2929	3609	4478	5201	6359
-30°	994	1110	1247	1406	1646	1927	2257	2670	3095	3522	4077
-32.5°	933	1030	1138	1267	1415	1626	1831	2095	2328	2585	2849
-35°	874	960	1049	1151	1265	1404	1558	1732	1887	2042	2181
-37.5°	823	894	972	1053	1144	1241	1362	1485	1589	1690	1776
-40°	779	839	904	971	1044	1122	1216	1307	1377	1442	1497
-42.5°	740	793	843	900	961	1033	1106	1175	1223	1268	1304
-45°	702	748	794	841	891	953	1016	1070	1108	1142	1168
-47.5°	662	703	745	788	836	886	936	976	1010	1039	1059
-50°	623	664	701	737	780	824	868	902	931	957	970
-52.5°	585	624	662	698	733	768	802	835	864	891	900
-55°	547	586	620	654	688	721	751	780	807	832	840
-57.5°	511	550	586	613	642	672	701	729	755	778	786
-60°	469	508	540	567	595	623	648	674	699	721	731
-62.5°	419	455	484	510	535	560	583	606	629	647	658
-65°	361	391	420	445	468	490	512	533	552	566	575
-67.5°	310	333	357	380	403	424	444	462	479	491	499
-70°	262	282	303	324	345	364	381	397	412	423	432
-72.5°	217	235	254	273	291	307	322	336	350	360	367
-75°	176	192	208	224	240	253	265	276	288	296	303
-77.5°	140	152	163	175	187	198	208	217	226	233	238
-80°	104	113	122	131	140	147	154	162	169	175	180
-82.5°	70	77	84	91	98	103	107	110	114	118	123
-85°	41	45	49	54	58	61	64	67	69	72	74
-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: P627724 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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	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	131	137	138	137	131	123	112	100	95	94
55°	186	193	194	191	194	193	186	178	168	160	152
52.5°	241	242	240	237	240	242	241	237	229	217	201
50°	334	333	334	335	334	333	334	330	316	294	272
47.5°	430	435	436	434	436	435	430	424	407	380	351
45°	514	520	522	520	522	520	514	505	484	457	427
42.5°	604	608	610	612	610	608	604	594	568	534	496
40°	722	726	725	723	725	726	722	710	683	641	597
37.5°	923	937	943	960	943	937	923	896	856	800	744
35°	1235	1269	1287	1315	1287	1269	1235	1181	1111	1032	934
32.5°	1706	1775	1811	1848	1811	1775	1706	1606	1466	1317	1172
30°	2537	2672	2727	2828	2727	2672	2537	2332	2036	1776	1516
27.5°	4246	4568	4694	4959	4694	4568	4246	3734	3035	2602	2064
25°	7152	7845	8228	8530	8228	7845	7152	6174	5102	4151	3037
22.5°	11213	12229	12772	13173	12772	12229	11213	9684	8169	6581	4871
20°	16423	17764	18564	19145	18564	17764	16423	14385	12138	9814	7436
17.5°	24959	27067	28300	29359	28300	27067	24959	21236	18336	15277	11205
15°	37262	41498	44789	46623	44789	41498	37262	31444	26230	21621	16138
12.5°	49230	55434	59120	60816	59120	55434	49230	42011	33843	26846	20358
10°	61067	66916	70423	71042	70423	66916	61067	52525	42202	32301	23968
7.5°	70128	76561	81221	82914	81221	76561	70128	62016	50244	38672	28117
5°	78131	85664	90595	91220	90595	85664	78131	68419	56713	43431	31400
2.5°	84018	92207	96989	98632	96989	92207	84018	73228	60937	46343	33146
0°	86866	95686	101006	103400	101006	95686	86866	75646	63006	47708	33851
-2.5°	86267	95389	101328	104452	101328	95389	86267	75133	62184	46766	33418
-5°	82987	92135	97673	100993	97673	92135	82987	71476	58353	43891	31777
-7.5°	75423	83978	89873	92936	89873	83978	75423	65584	52022	39271	29341
-10°	65676	72917	78290	80901	78290	72917	65676	55377	44386	33977	26044
-12.5°	53011	60034	64881	66728	64881	60034	53011	44789	35748	28908	22726
-15°	40616	45976	49420	50510	49420	45976	40616	34721	29206	23968	18837
-17.5°	30801	33687	35624	36146	35624	33687	30801	26958	23245	19085	14922
-20°	23076	24864	26121	26419	26121	24864	23076	20492	17646	14254	11143

Classified

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

Scaled Data Report



REPORT NUMBER: P627724 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	16813	18158	19173	19375	19173	18158	16813	14925	12588	10124	7761
-25°	11598	12722	13411	13463	13411	12722	11598	10061	8325	6810	5151
-27.5°	7271	7889	8207	8320	8207	7889	7271	6359	5201	4478	3609
-30°	4493	4778	4928	4933	4928	4778	4493	4077	3522	3095	2670
-32.5°	3050	3188	3263	3262	3263	3188	3050	2849	2585	2328	2095
-35°	2285	2356	2396	2401	2396	2356	2285	2181	2042	1887	1732
-37.5°	1837	1877	1897	1901	1897	1877	1837	1776	1690	1589	1485
-40°	1536	1563	1581	1592	1581	1563	1536	1497	1442	1377	1307
-42.5°	1329	1347	1354	1348	1354	1347	1329	1304	1268	1223	1175
-45°	1184	1194	1201	1204	1201	1194	1184	1168	1142	1108	1070
-47.5°	1068	1073	1077	1079	1077	1073	1068	1059	1039	1010	976
-50°	977	982	983	980	983	982	977	970	957	931	902
-52.5°	904	905	907	908	907	905	904	900	891	864	835
-55°	844	846	848	848	848	846	844	840	832	807	780
-57.5°	793	799	799	796	799	799	793	786	778	755	729
-60°	739	746	749	750	749	746	739	731	721	699	674
-62.5°	666	673	676	677	676	673	666	658	647	629	606
-65°	583	588	597	605	597	588	583	575	566	552	533
-67.5°	505	510	518	526	518	510	505	499	491	479	462
-70°	439	445	447	447	447	445	439	432	423	412	397
-72.5°	374	379	381	382	381	379	374	367	360	350	336
-75°	309	314	315	316	315	314	309	303	296	288	276
-77.5°	244	249	250	250	250	249	244	238	233	226	217
-80°	185	190	187	184	187	190	185	180	175	169	162
-82.5°	127	131	128	125	128	131	127	123	118	114	110
-85°	76	79	76	72	76	79	76	74	72	69	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: P627724 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	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°	32	23	29	30	25	16	17	13	6	6	5
57.5°	96	92	78	69	66	57	46	36	30	21	12
55°	145	135	123	109	96	89	81	69	58	44	33
52.5°	183	178	167	150	136	125	110	99	88	75	58
50°	254	241	225	208	190	172	156	136	117	105	90
47.5°	326	309	294	275	248	225	205	183	157	133	118
45°	396	370	349	328	302	274	251	226	198	170	144
42.5°	465	429	396	377	348	318	292	267	237	206	178
40°	551	499	464	438	408	365	339	311	278	242	213
37.5°	673	601	557	522	486	439	396	361	324	285	250
35°	836	747	666	613	573	515	463	417	374	332	289
32.5°	1016	903	788	709	644	585	528	476	424	378	333
30°	1277	1093	934	804	722	650	585	528	472	420	375
27.5°	1686	1347	1130	935	803	718	646	577	516	460	411
25°	2363	1771	1389	1119	909	794	713	632	560	498	446
22.5°	3403	2482	1795	1344	1081	917	793	689	605	544	485
20°	5209	3463	2406	1759	1340	1060	892	764	670	592	524
17.5°	8024	5425	3203	2286	1690	1290	1023	853	735	640	564
15°	11267	7636	4775	3049	2085	1479	1142	937	803	693	604
12.5°	14548	9919	6139	3671	2420	1691	1283	1038	870	738	635
10°	17148	11961	7561	4567	2846	1908	1406	1113	917	774	664
7.5°	19823	13635	8758	5239	3201	2089	1501	1173	955	805	688
5°	21776	14995	9778	5766	3481	2228	1575	1221	986	828	708
2.5°	23111	15923	10466	6090	3666	2327	1632	1258	1015	845	721
0°	23729	16363	10786	6320	3768	2387	1677	1282	1039	855	730
-2.5°	23585	16336	10591	6240	3773	2419	1692	1288	1046	866	738
-5°	22640	15750	10246	6075	3678	2403	1698	1291	1047	872	741
-7.5°	21322	14716	9471	5668	3485	2339	1686	1290	1045	875	745
-10°	19269	13101	8405	5115	3224	2226	1640	1269	1034	870	743
-12.5°	16736	11274	7149	4288	2864	2059	1558	1228	1014	858	737
-15°	13778	9355	5986	3787	2569	1887	1460	1175	989	839	725
-17.5°	10857	7320	4596	3117	2267	1738	1385	1138	961	820	714
-20°	7980	5320	3708	2634	1973	1559	1291	1087	928	804	705

Classified

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

Scaled Data Report



REPORT NUMBER: P627724 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-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°	5534	4018	2883	2161	1744	1435	1206	1030	887	782	691
-25°	3987	2986	2310	1879	1545	1299	1126	981	859	760	673
-27.5°	2929	2314	1944	1618	1371	1203	1059	931	826	735	656
-30°	2257	1927	1646	1406	1247	1110	994	888	792	707	636
-32.5°	1831	1626	1415	1267	1138	1030	933	842	755	682	613
-35°	1558	1404	1265	1151	1049	960	874	795	723	654	587
-37.5°	1362	1241	1144	1053	972	894	823	755	689	622	561
-40°	1216	1122	1044	971	904	839	779	718	654	589	535
-42.5°	1106	1033	961	900	843	793	740	682	622	563	511
-45°	1016	953	891	841	794	748	702	648	591	539	489
-47.5°	936	886	836	788	745	703	662	613	563	514	463
-50°	868	824	780	737	701	664	623	581	532	483	436
-52.5°	802	768	733	698	662	624	585	543	496	453	414
-55°	751	721	688	654	620	586	547	505	465	426	385
-57.5°	701	672	642	613	586	550	511	472	432	392	352
-60°	648	623	595	567	540	508	469	431	394	357	319
-62.5°	583	560	535	510	484	455	419	384	352	320	286
-65°	512	490	468	445	420	391	361	334	309	283	252
-67.5°	444	424	403	380	357	333	310	288	265	241	213
-70°	381	364	345	324	303	282	262	241	219	198	176
-72.5°	322	307	291	273	254	235	217	199	181	162	143
-75°	265	253	240	224	208	192	176	161	147	132	117
-77.5°	208	198	187	175	163	152	140	128	115	103	91
-80°	154	147	140	131	122	113	104	94	84	74	66
-82.5°	107	103	98	91	84	77	70	63	56	50	43
-85°	64	61	58	54	49	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: P627724 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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	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	50	34	20	10	9	6	5	7	5
45°	127	103	73	50	32	19	12	7	6	7	6
42.5°	153	131	101	66	47	29	17	10	6	7	7
40°	185	157	129	93	63	39	26	16	7	7	7
37.5°	218	186	154	118	81	54	34	22	10	8	7
35°	252	217	178	141	102	70	42	28	16	10	7
32.5°	285	246	203	162	122	85	53	36	22	12	7
30°	322	272	227	184	140	102	67	44	28	15	7
27.5°	358	298	249	204	159	117	82	52	33	19	9
25°	392	328	271	223	177	133	96	62	40	23	11
22.5°	424	358	293	239	197	148	109	74	47	28	14
20°	457	387	315	262	216	166	122	85	54	32	16
17.5°	489	416	344	286	234	182	135	95	62	36	19
15°	521	444	371	308	252	196	146	104	69	40	22
12.5°	550	470	394	329	269	210	157	112	76	43	26
10°	574	493	415	347	286	222	167	120	83	47	29
7.5°	596	513	433	365	301	234	177	127	90	51	32
5°	613	529	447	377	312	245	185	134	95	54	35
2.5°	624	539	458	387	322	255	192	140	101	57	37
0°	631	546	467	395	329	263	197	145	105	59	39
-2.5°	639	553	476	403	336	272	204	149	109	65	40
-5°	643	557	482	409	342	279	208	152	112	70	41
-7.5°	646	561	487	413	346	283	212	155	114	75	41
-10°	646	565	491	417	350	286	214	157	116	78	42
-12.5°	644	566	492	419	352	287	218	160	118	80	42
-15°	639	565	491	418	352	287	221	163	120	81	42
-17.5°	631	562	488	415	350	286	222	165	120	80	44
-20°	625	555	482	409	347	285	222	164	120	79	46

Classified

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

Scaled Data Report



REPORT NUMBER: P627724 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	615	545	473	402	342	283	220	162	119	77	47
-25°	603	532	463	397	337	279	217	158	116	75	48
-27.5°	586	517	452	390	332	274	211	154	113	72	49
-30°	567	503	441	381	323	266	203	150	109	72	49
-32.5°	547	489	430	370	313	257	193	144	105	72	49
-35°	528	473	416	356	302	245	185	136	101	71	48
-37.5°	507	455	398	341	289	233	179	133	97	69	47
-40°	486	435	378	327	276	220	172	129	93	67	45
-42.5°	464	411	361	312	261	211	165	124	91	65	43
-45°	439	390	344	296	247	201	158	119	87	62	42
-47.5°	415	372	326	278	235	191	149	112	81	59	40
-50°	396	351	304	260	220	179	139	105	77	56	37
-52.5°	371	326	282	241	203	166	128	96	72	52	34
-55°	342	299	258	221	186	151	116	89	67	48	31
-57.5°	311	270	235	202	168	134	105	81	61	43	29
-60°	280	246	214	180	148	118	94	73	55	39	26
-62.5°	253	221	189	157	129	105	83	65	48	35	24
-65°	220	190	162	136	112	91	73	57	43	31	21
-67.5°	185	161	137	115	95	78	62	50	38	27	19
-70°	154	133	113	95	79	65	54	43	32	24	17
-72.5°	126	109	91	76	65	55	45	36	27	20	15
-75°	101	87	73	62	53	44	37	29	22	16	13
-77.5°	79	67	57	49	42	35	28	21	17	13	11
-80°	58	50	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

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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REPORT NUMBER: P627724 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-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°	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°	20	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-SA5E-722-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°	22	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)