

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: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-735-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-16)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3E-735-U-MWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

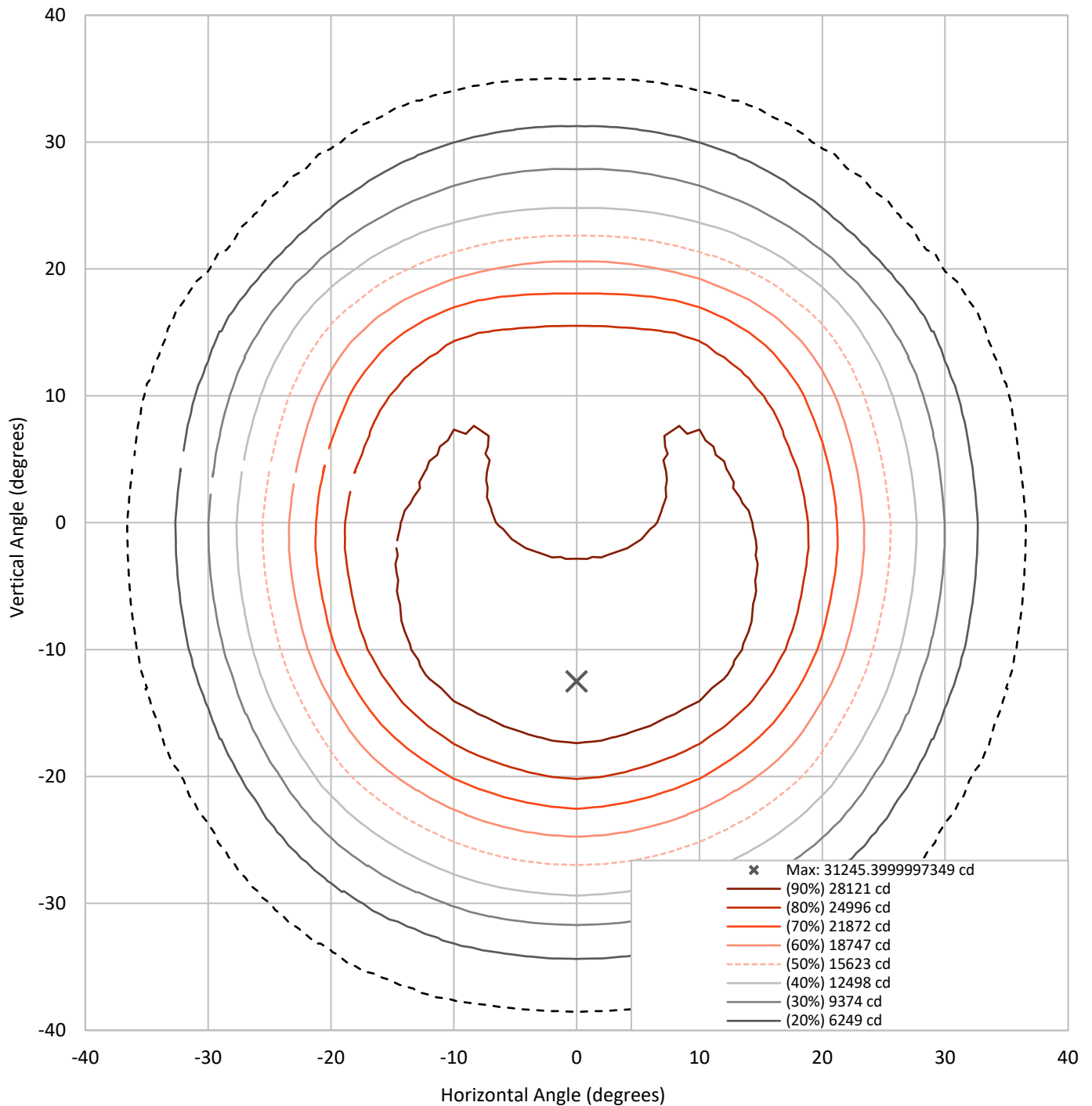
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 5V
Luminaire Lumens:	22302.4 lumens	Max Intensity:	31245.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -12.5°V
Efficacy:	120.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	46.4°H x 49.6°V	Field Angle (10%):	69.9°H x 73.3°V
Beam Lumens:	14938.1 lumens	Field Lumens:	20102.2 lumens
Beam Efficiency:	67.0%	Field Efficiency:	90.1%
Input Watts (W):	185.2		
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: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-735-U-MWR-VSR-XX

Iso-Candela Plot





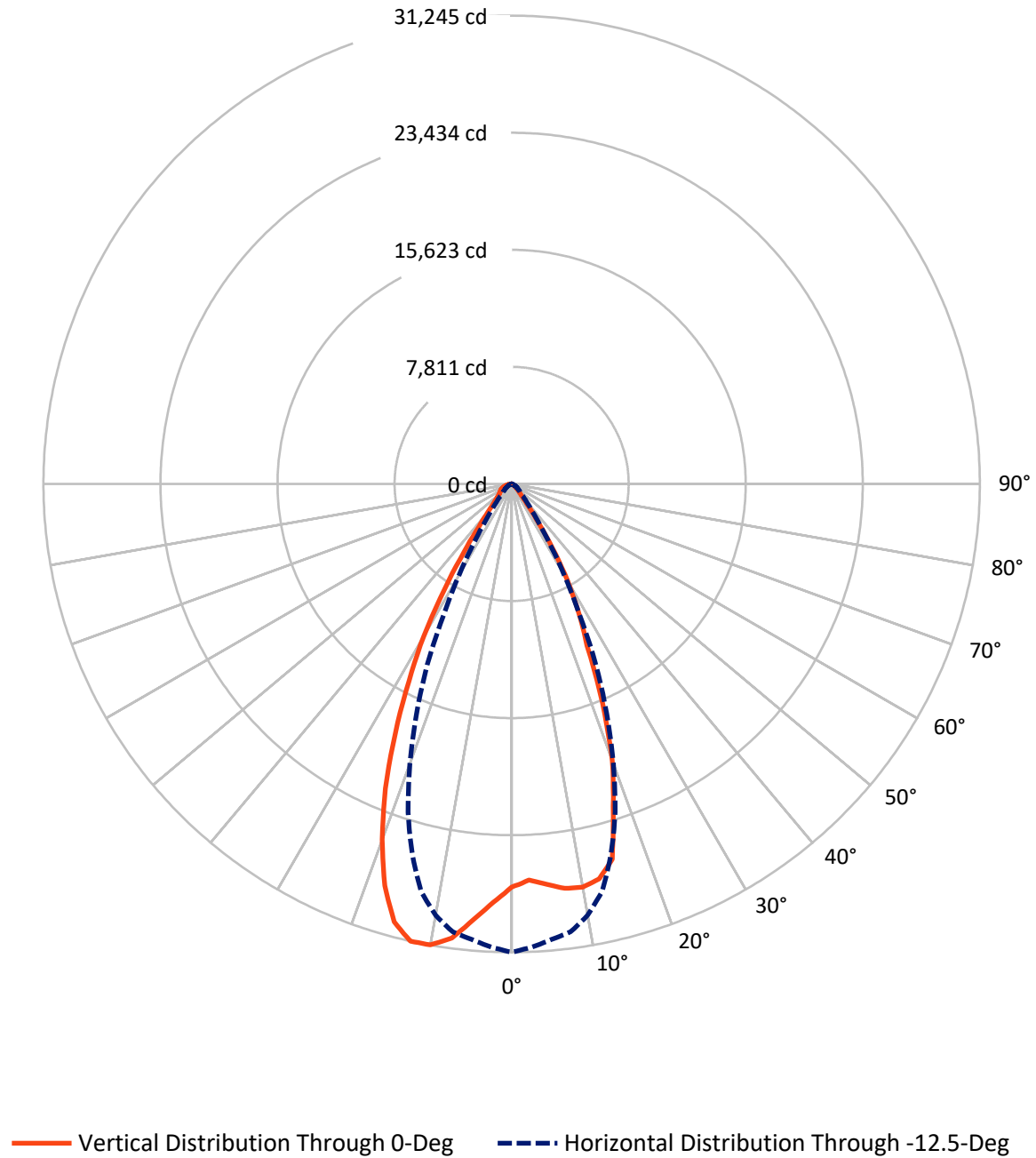
REPORT NUMBER: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-MWR-VSR-XX

Lumen Table

90																								
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0									
70																								
60	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0									
50		0.1	0.1	0.7	1.8	3.1	4.2	4.9	4.9	4.2	3.1	1.8	0.7	0.1		0.1								
40	0.1	0.1	0.9	3.1	6.3	10.2	15.3	18.8	18.8	15.3	10.2	6.3	3.1	0.9	0.1	0.1								
30		0.4	2.5	6.5	13.4	29.0	65.8	100.5	100.5	65.8	29.0	13.4	6.5	2.5	0.4									
20	0.2	0.9	4.2	10.4	28.0	103.7	267.0	373.2	373.2	267.0	103.7	28.0	10.4	4.2	0.9	0.2								
10		1.5	5.8	16.1	66.6	287.9	600.6	743.6	743.6	600.6	287.9	66.6	16.1	5.8	1.5									
0	0.5	1.9	7.2	20.8	106.1	424.0	774.4	839.5	839.5	774.4	424.0	106.1	20.8	7.2	1.9	0.5								
-10		2.3	7.9	22.2	110.9	437.9	802.3	891.1	891.1	802.3	437.9	110.9	22.2	7.9	2.3									
-20	0.6	2.5	8.1	20.2	79.4	326.0	676.8	864.2	864.2	676.8	326.0	79.4	20.2	8.1	2.5	0.6								
-30		2.4	7.7	16.8	44.4	158.2	377.1	530.7	530.7	377.1	158.2	44.4	16.8	7.7	2.4									
-40	0.6	2.1	6.9	13.9	26.5	56.3	117.8	174.9	174.9	117.8	56.3	26.5	13.9	6.9	2.1	0.6								
-50		1.7	5.7	11.6	19.3	28.6	40.2	47.7	47.7	40.2	28.6	19.3	11.6	5.7	1.7									
-60	0.4	1.3	4.3	9.1	15.2	21.1	26.3	28.8	28.8	26.3	21.1	15.2	9.1	4.3	1.3	0.4								
-70		0.9	2.8	6.2	10.7	15.1	19.1	21.3	21.3	19.1	15.1	10.7	6.2	2.8	0.9									
-80	0.2	2.5	11.2	23.9	30.7	23.9	11.2	2.5	0.2															
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90					

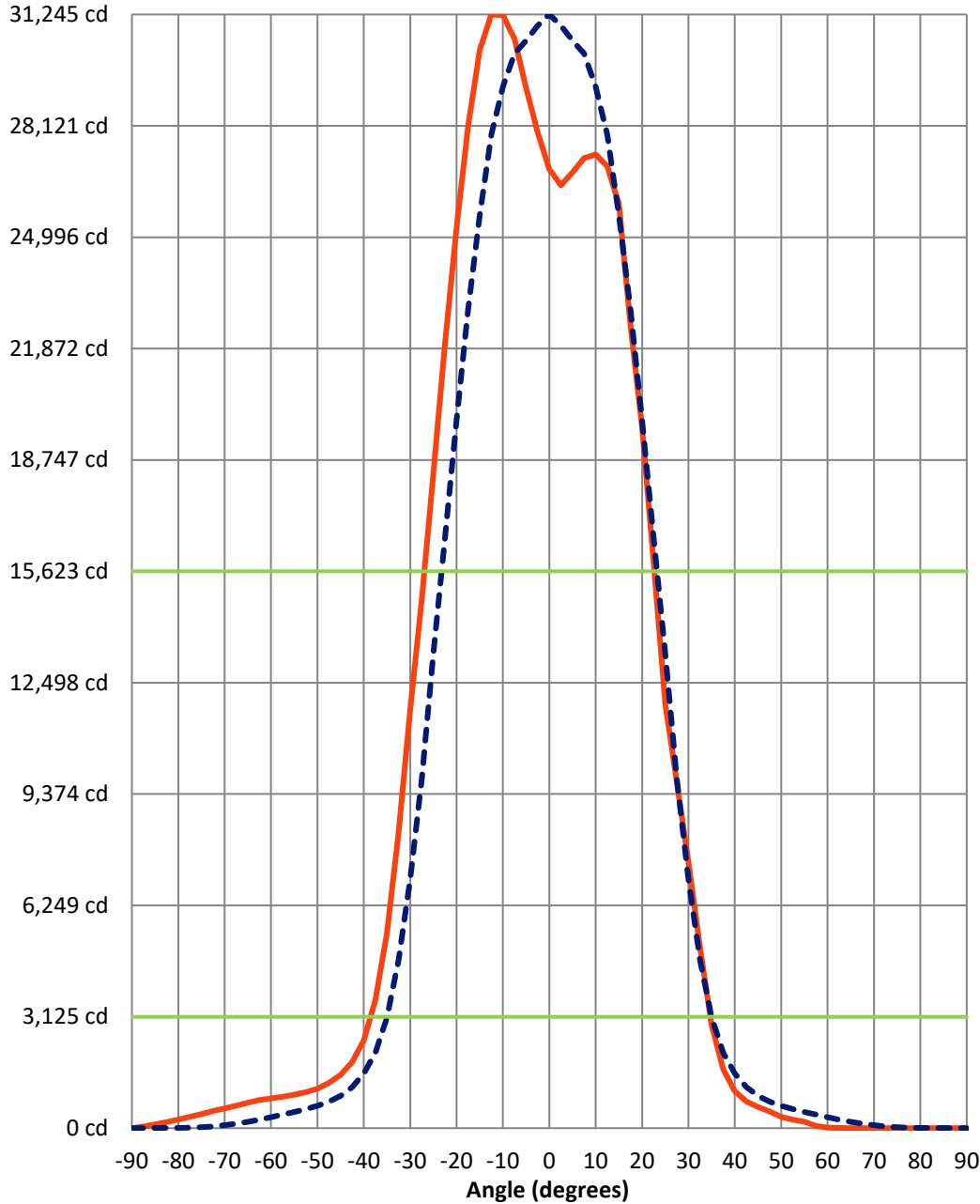
REPORT NUMBER: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-735-U-MWR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-MWR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 14938.1
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 20102.2
 Efficiency: 90.1%

Spill:
 Lumens: 2200.2
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -12.5-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-MWR-VSR-XX

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	1	1	0	0	0	0	0
70°	0	0	0	0	1	1	0	0	0	0	0
67.5°	0	0	0	1	2	2	1	0	0	1	1
65°	0	0	0	1	2	2	1	0	1	2	2
62.5°	0	0	0	2	3	2	1	1	2	3	3
60°	0	0	0	2	3	2	1	2	4	4	5
57.5°	0	0	0	3	3	2	2	4	4	5	5
55°	0	0	1	3	3	2	3	5	5	5	5
52.5°	0	0	1	4	4	3	4	5	5	5	5
50°	0	0	1	4	4	3	5	5	5	5	6
47.5°	0	0	2	5	4	4	5	6	5	5	7
45°	0	0	2	5	4	4	6	6	5	6	8
42.5°	0	0	2	5	4	5	6	7	6	8	10
40°	0	0	3	5	4	5	7	7	6	9	12
37.5°	0	0	3	5	5	5	7	7	8	12	14
35°	0	0	3	5	5	5	8	8	10	15	19
32.5°	0	0	3	5	5	6	9	8	12	18	31
30°	0	0	4	5	5	7	9	8	14	22	41
27.5°	0	0	4	5	5	7	9	10	17	27	51
25°	0	0	4	5	5	8	9	12	21	35	59
22.5°	0	0	4	5	5	8	10	13	25	42	70
20°	0	0	4	5	5	9	10	15	29	49	81
17.5°	0	0	5	5	5	9	10	17	33	55	92
15°	0	0	5	5	5	9	11	19	38	61	103
12.5°	0	0	5	5	5	10	12	23	42	66	114
10°	0	0	5	5	5	10	12	26	46	74	125
7.5°	0	0	5	5	5	10	13	30	49	83	133
5°	0	0	5	5	5	10	14	34	52	91	139
2.5°	0	0	5	5	5	10	15	38	54	100	145
0°	0	0	5	5	5	10	15	41	56	108	149
-2.5°	0	0	5	5	6	11	18	42	64	112	157
-5°	0	0	5	5	6	11	21	44	70	117	163
-7.5°	0	0	5	5	6	12	23	45	76	120	169
-10°	0	0	5	5	7	12	25	45	81	123	174
-12.5°	0	1	5	5	7	12	27	46	85	126	177
-15°	0	1	5	5	7	13	28	47	86	127	179
-17.5°	0	1	5	5	8	13	29	48	85	127	178
-20°	0	1	5	5	8	13	29	50	84	127	176

Classified

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

Scaled Data Report



REPORT NUMBER: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	1	5	5	8	13	29	51	83	125	172
-25°	0	1	5	5	8	14	29	52	81	122	165
-27.5°	0	1	4	5	8	15	29	52	79	119	161
-30°	0	1	4	5	8	16	29	51	78	116	157
-32.5°	0	1	4	5	8	16	28	50	77	112	150
-35°	0	1	4	5	8	17	28	49	75	109	143
-37.5°	0	1	4	5	8	17	28	47	72	105	141
-40°	0	1	4	5	8	17	28	45	68	101	138
-42.5°	0	1	4	5	9	17	28	43	64	96	134
-45°	0	1	4	5	9	17	27	41	61	90	127
-47.5°	0	1	4	6	9	17	26	40	58	83	120
-50°	0	1	4	6	9	16	26	39	56	79	110
-52.5°	0	1	4	6	9	16	25	37	53	75	101
-55°	0	1	4	6	9	15	24	34	51	70	95
-57.5°	0	1	4	6	9	15	23	33	47	66	88
-60°	0	1	4	6	9	14	21	31	44	61	81
-62.5°	0	1	4	6	9	13	20	29	41	56	74
-65°	0	1	4	6	9	12	19	27	37	51	67
-67.5°	0	1	4	6	8	12	17	24	33	45	59
-70°	0	1	3	6	8	11	15	21	29	39	51
-72.5°	0	1	3	6	8	10	14	18	25	33	42
-75°	0	1	3	5	8	10	13	16	20	27	35
-77.5°	0	1	2	4	6	9	11	14	18	22	27
-80°	0	0	2	3	5	8	10	13	15	19	22
-82.5°	0	0	1	2	4	6	8	10	13	15	18
-85°	0	0	1	2	3	4	5	7	9	11	13
-87.5°	0	0	0	1	1	2	3	3	4	5	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-MWR-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	1	2	1	0	0	0	0	0	0	0
65°	2	3	3	1	0	1	2	1	0	0	0
62.5°	5	4	3	2	3	4	3	2	0	1	2
60°	5	4	4	4	5	5	3	4	4	5	12
57.5°	5	5	5	6	6	5	6	7	18	31	34
55°	5	5	6	7	8	9	14	28	43	53	57
52.5°	6	6	8	10	12	19	35	52	66	76	90
50°	7	8	10	14	23	40	60	78	96	112	132
47.5°	9	11	15	22	41	64	88	111	132	155	183
45°	11	17	22	40	63	92	121	148	169	196	221
42.5°	13	25	37	56	90	124	157	179	203	232	265
40°	21	35	54	83	118	159	188	212	237	278	318
37.5°	31	49	72	109	152	191	220	248	285	332	380
35°	43	63	95	137	185	221	253	289	340	393	451
32.5°	54	76	118	166	211	250	286	338	392	451	530
30°	66	95	141	193	236	276	326	385	438	511	603
27.5°	78	115	165	216	259	302	367	424	485	568	678
25°	91	136	187	236	281	335	407	467	530	635	784
22.5°	107	155	208	255	302	370	447	522	604	709	892
20°	124	174	228	278	323	403	490	582	693	839	1079
17.5°	140	191	246	301	357	439	536	645	783	965	1318
15°	154	206	265	323	389	476	583	716	883	1110	1548
12.5°	167	220	282	346	418	509	623	769	966	1292	1843
10°	179	232	299	367	443	539	659	813	1034	1423	2063
7.5°	188	245	315	387	465	564	689	849	1093	1526	2235
5°	197	260	328	403	481	585	714	877	1143	1601	2368
2.5°	204	274	339	415	493	602	734	903	1192	1663	2480
0°	210	287	348	425	502	615	748	922	1229	1706	2567
-2.5°	217	293	361	433	516	624	755	936	1242	1712	2549
-5°	223	298	371	439	527	629	756	941	1240	1699	2496
-7.5°	228	301	378	444	534	632	757	938	1227	1670	2411
-10°	232	304	380	450	535	631	753	926	1198	1615	2283
-12.5°	237	307	381	453	535	627	744	906	1152	1533	2118
-15°	240	309	380	452	532	621	728	877	1091	1422	1913
-17.5°	242	309	379	448	528	611	706	842	1035	1326	1767
-20°	241	308	377	441	522	600	692	815	987	1233	1589

Classified

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

Scaled Data Report



REPORT NUMBER: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	239	306	373	434	512	590	674	783	927	1129	1416
-25°	234	302	369	431	501	577	653	748	873	1052	1291
-27.5°	226	296	361	424	488	562	633	720	830	967	1158
-30°	215	287	351	415	478	546	615	688	785	904	1058
-32.5°	204	278	340	402	465	531	595	663	746	845	965
-35°	196	265	329	387	450	513	575	638	706	794	897
-37.5°	191	253	317	372	432	493	553	613	676	745	839
-40°	185	240	304	359	413	472	530	587	645	715	786
-42.5°	177	231	289	346	396	451	507	561	619	683	751
-45°	170	220	275	328	379	430	484	535	592	652	715
-47.5°	160	207	260	307	357	409	460	511	561	618	678
-50°	148	193	242	287	331	382	434	485	534	582	635
-52.5°	137	176	222	267	308	351	403	455	504	552	598
-55°	124	161	202	246	287	324	370	422	471	517	565
-57.5°	113	145	183	224	264	303	345	390	438	483	529
-60°	104	130	162	200	240	279	319	361	404	448	489
-62.5°	94	117	143	175	212	251	289	328	369	406	443
-65°	85	103	126	152	182	217	253	291	328	361	392
-67.5°	75	91	109	129	155	184	214	247	282	314	344
-70°	65	79	94	111	130	154	181	208	236	264	294
-72.5°	54	67	80	93	110	130	152	173	197	222	247
-75°	44	54	65	77	91	108	125	144	163	183	203
-77.5°	35	43	52	62	72	85	99	114	129	145	161
-80°	27	33	40	48	56	65	75	85	96	109	122
-82.5°	21	25	30	35	40	46	53	60	69	78	88
-85°	15	18	20	23	27	30	34	38	44	50	56
-87.5°	8	9	10	12	13	15	16	18	21	24	26
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	2	2	2	1	1	3	3	4	4	4
60°	14	10	13	17	16	12	18	21	19	15	16
57.5°	36	39	44	52	57	61	65	71	75	77	79
55°	66	79	93	99	110	127	142	143	146	149	158
52.5°	105	121	128	140	162	175	182	194	207	219	230
50°	153	166	181	201	222	235	240	261	286	307	320
47.5°	201	218	246	281	299	314	335	362	391	421	445
45°	246	277	313	343	367	393	422	456	500	542	574
42.5°	296	332	368	404	429	474	524	563	627	683	718
40°	356	390	442	486	540	596	682	762	843	936	1004
37.5°	427	481	553	624	704	786	941	1099	1228	1410	1511
35°	512	596	699	804	932	1130	1356	1662	1979	2244	2499
32.5°	611	718	860	1048	1263	1581	1921	2483	3032	3579	4117
30°	708	863	1081	1339	1693	2196	2836	3705	4647	5472	6219
27.5°	837	1057	1340	1727	2328	3066	4246	5454	6653	7724	8494
25°	994	1288	1688	2329	3197	4421	6003	7483	8891	9941	10825
22.5°	1220	1661	2229	3044	4621	6323	8216	10078	11659	12982	13854
20°	1500	2096	3046	4524	6378	8506	10943	12902	14849	16338	17668
17.5°	1896	2846	4187	6064	8279	11118	13626	15811	18284	19805	21162
15°	2252	3473	5385	7779	10375	13384	16342	19018	21405	23077	24593
12.5°	2702	4140	6337	9154	11993	15343	18418	21283	23621	25342	26403
10°	3106	4823	7289	10235	13413	16912	20099	23082	25346	26676	27457
7.5°	3431	5391	8060	11160	14515	18037	21404	24364	26531	27644	28176
5°	3684	5812	8664	11918	15403	19007	22443	25341	27165	28085	28383
2.5°	3873	6105	9070	12417	16003	19723	23232	26087	27644	28308	28406
0°	4001	6312	9334	12731	16517	19980	23658	26558	28038	28571	28622
-2.5°	3971	6237	9323	12617	16458	20095	23726	26588	28172	28888	29005
-5°	3890	6061	9013	12294	15990	19632	23096	26117	28062	29143	29622
-7.5°	3734	5758	8485	11677	15231	18878	22409	25544	27782	29303	30240
-10°	3469	5315	7808	10897	14399	17874	21365	24619	27028	28860	30165
-12.5°	3106	4714	6984	9791	13312	16556	19862	22979	25609	27867	29216
-15°	2732	4088	6127	8696	11761	14956	18010	21068	23665	25776	27459
-17.5°	2466	3540	5134	7383	10074	13105	16084	18894	21237	23222	24987
-20°	2128	2926	4189	6079	8449	11098	13952	16453	18545	20407	22092

Classified

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

Scaled Data Report



REPORT NUMBER: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1860	2506	3418	4708	6836	9173	11508	13810	15777	17434	18873
-25°	1616	2070	2782	3831	5215	7233	9201	11145	12961	14501	15797
-27.5°	1425	1785	2260	3007	4058	5235	6959	8584	10145	11554	12776
-30°	1251	1521	1892	2360	3074	3949	4985	6201	7446	8558	9668
-32.5°	1126	1318	1573	1920	2320	2946	3573	4391	5179	5990	6786
-35°	1013	1168	1342	1574	1848	2214	2627	3126	3547	4078	4568
-37.5°	936	1045	1178	1324	1521	1725	2004	2308	2569	2865	3113
-40°	872	958	1048	1147	1282	1419	1600	1770	1936	2116	2251
-42.5°	819	888	952	1029	1109	1219	1340	1446	1547	1653	1741
-45°	777	828	880	940	1000	1080	1166	1245	1311	1370	1418
-47.5°	732	778	824	869	921	979	1036	1086	1141	1187	1220
-50°	687	733	774	814	859	904	949	990	1028	1063	1083
-52.5°	644	691	732	768	806	844	881	917	951	981	995
-55°	611	654	696	729	761	792	825	860	891	920	929
-57.5°	575	619	659	689	718	747	777	809	840	867	876
-60°	533	580	615	643	673	704	733	761	789	813	823
-62.5°	483	525	557	585	612	638	669	699	729	753	767
-65°	425	460	492	520	546	571	600	628	655	676	691
-67.5°	373	401	427	452	477	503	530	556	581	600	612
-70°	322	348	372	396	418	440	463	485	506	522	534
-72.5°	272	295	315	336	357	377	396	415	433	447	459
-75°	225	244	262	280	297	313	327	342	356	368	379
-77.5°	177	193	208	223	238	251	262	273	284	294	304
-80°	136	147	158	169	181	190	199	208	216	224	231
-82.5°	97	105	112	120	127	134	140	146	152	158	163
-85°	62	66	70	74	78	82	86	90	94	97	101
-87.5°	29	31	33	35	37	39	41	43	45	46	48
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	5	5	5	5	5	5	5	4	4	4	3
60°	16	15	15	15	15	15	16	16	15	19	21
57.5°	77	72	67	62	67	72	77	79	77	75	71
55°	167	177	181	179	181	177	167	158	149	146	143
52.5°	238	242	241	236	241	242	238	230	219	207	194
50°	325	326	323	318	323	326	325	320	307	286	261
47.5°	457	464	467	466	467	464	457	445	421	391	362
45°	586	592	595	594	595	592	586	574	542	500	456
42.5°	737	748	752	748	752	748	737	718	683	627	563
40°	1044	1057	1051	1035	1051	1057	1044	1004	936	843	762
37.5°	1581	1633	1654	1655	1654	1633	1581	1511	1410	1228	1099
35°	2728	2910	2994	2889	2994	2910	2728	2499	2244	1979	1662
32.5°	4556	4879	5062	5062	5062	4879	4556	4117	3579	3032	2483
30°	6783	7188	7416	7464	7416	7188	6783	6219	5472	4647	3705
27.5°	9093	9512	9730	9698	9730	9512	9093	8494	7724	6653	5454
25°	11411	11728	11911	11916	11911	11728	11411	10825	9941	8891	7483
22.5°	14835	15502	15777	15851	15777	15502	14835	13854	12982	11659	10078
20°	18568	19215	19632	19657	19632	19215	18568	17668	16338	14849	12902
17.5°	22124	22445	22504	22531	22504	22445	22124	21162	19805	18284	15811
15°	25476	25589	25885	25923	25885	25589	25476	24593	23077	21405	19018
12.5°	27069	27172	27121	26983	27121	27172	27069	26403	25342	23621	21283
10°	27936	27791	27576	27316	27576	27791	27936	27457	26676	25346	23082
7.5°	28133	27972	27591	27214	27591	27972	28133	28176	27644	26531	24364
5°	28226	27753	27272	26814	27272	27753	28226	28383	28085	27165	25341
2.5°	28171	27609	26948	26455	26948	27609	28171	28406	28308	27644	26087
0°	28351	27782	27091	26906	27091	27782	28351	28622	28571	28038	26558
-2.5°	28851	28390	28029	27931	28029	28390	28851	29005	28888	28172	26588
-5°	29752	29650	29037	29181	29037	29650	29752	29622	29143	28062	26117
-7.5°	30621	30477	30218	30554	30218	30477	30621	30240	29303	27782	25544
-10°	30853	30805	30927	31225	30927	30805	30853	30165	28860	27028	24619
-12.5°	30144	30515	30932	31245	30932	30515	30144	29216	27867	25609	22979
-15°	28563	29323	29945	30241	29945	29323	28563	27459	25776	23665	21068
-17.5°	26235	27167	27905	28115	27905	27167	26235	24987	23222	21237	18894
-20°	23369	24317	24988	25256	24988	24317	23369	22092	20407	18545	16453



REPORT NUMBER: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	20144	21069	21678	21998	21678	21069	20144	18873	17434	15777	13810
-25°	16871	17684	18224	18366	18224	17684	16871	15797	14501	12961	11145
-27.5°	13740	14394	14792	14836	14792	14394	13740	12776	11554	10145	8584
-30°	10591	11199	11544	11727	11544	11199	10591	9668	8558	7446	6201
-32.5°	7438	7920	8212	8289	8212	7920	7438	6786	5990	5179	4391
-35°	4959	5259	5444	5482	5444	5259	4959	4568	4078	3547	3126
-37.5°	3316	3462	3552	3596	3552	3462	3316	3113	2865	2569	2308
-40°	2349	2418	2456	2464	2456	2418	2349	2251	2116	1936	1770
-42.5°	1797	1832	1850	1855	1850	1832	1797	1741	1653	1547	1446
-45°	1452	1476	1491	1496	1491	1476	1452	1418	1370	1311	1245
-47.5°	1242	1258	1267	1271	1267	1258	1242	1220	1187	1141	1086
-50°	1096	1105	1108	1107	1108	1105	1096	1083	1063	1028	990
-52.5°	1004	1010	1011	1009	1011	1010	1004	995	981	951	917
-55°	935	939	940	938	940	939	935	929	920	891	860
-57.5°	883	888	887	881	887	888	883	876	867	840	809
-60°	831	837	837	835	837	837	831	823	813	789	761
-62.5°	779	790	791	789	791	790	779	767	753	729	699
-65°	705	717	717	712	717	717	705	691	676	655	628
-67.5°	623	632	632	630	632	632	623	612	600	581	556
-70°	545	555	555	553	555	555	545	534	522	506	485
-72.5°	469	479	481	482	481	479	469	459	447	433	415
-75°	388	397	397	395	397	397	388	379	368	356	342
-77.5°	313	321	320	318	320	321	313	304	294	284	273
-80°	238	245	243	241	243	245	238	231	224	216	208
-82.5°	169	173	171	169	171	173	169	163	158	152	146
-85°	104	107	107	108	107	107	104	101	97	94	90
-87.5°	49	51	49	46	49	51	49	48	46	45	43
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	3	1	1	2	2	2	1	2	1	0	2
60°	18	12	16	17	13	10	14	12	5	4	4
57.5°	65	61	57	52	44	39	36	34	31	18	7
55°	142	127	110	99	93	79	66	57	53	43	28
52.5°	182	175	162	140	128	121	105	90	76	66	52
50°	240	235	222	201	181	166	153	132	112	96	78
47.5°	335	314	299	281	246	218	201	183	155	132	111
45°	422	393	367	343	313	277	246	221	196	169	148
42.5°	524	474	429	404	368	332	296	265	232	203	179
40°	682	596	540	486	442	390	356	318	278	237	212
37.5°	941	786	704	624	553	481	427	380	332	285	248
35°	1356	1130	932	804	699	596	512	451	393	340	289
32.5°	1921	1581	1263	1048	860	718	611	530	451	392	338
30°	2836	2196	1693	1339	1081	863	708	603	511	438	385
27.5°	4246	3066	2328	1727	1340	1057	837	678	568	485	424
25°	6003	4421	3197	2329	1688	1288	994	784	635	530	467
22.5°	8216	6323	4621	3044	2229	1661	1220	892	709	604	522
20°	10943	8506	6378	4524	3046	2096	1500	1079	839	693	582
17.5°	13626	11118	8279	6064	4187	2846	1896	1318	965	783	645
15°	16342	13384	10375	7779	5385	3473	2252	1548	1110	883	716
12.5°	18418	15343	11993	9154	6337	4140	2702	1843	1292	966	769
10°	20099	16912	13413	10235	7289	4823	3106	2063	1423	1034	813
7.5°	21404	18037	14515	11160	8060	5391	3431	2235	1526	1093	849
5°	22443	19007	15403	11918	8664	5812	3684	2368	1601	1143	877
2.5°	23232	19723	16003	12417	9070	6105	3873	2480	1663	1192	903
0°	23658	19980	16517	12731	9334	6312	4001	2567	1706	1229	922
-2.5°	23726	20095	16458	12617	9323	6237	3971	2549	1712	1242	936
-5°	23096	19632	15990	12294	9013	6061	3890	2496	1699	1240	941
-7.5°	22409	18878	15231	11677	8485	5758	3734	2411	1670	1227	938
-10°	21365	17874	14399	10897	7808	5315	3469	2283	1615	1198	926
-12.5°	19862	16556	13312	9791	6984	4714	3106	2118	1533	1152	906
-15°	18010	14956	11761	8696	6127	4088	2732	1913	1422	1091	877
-17.5°	16084	13105	10074	7383	5134	3540	2466	1767	1326	1035	842
-20°	13952	11098	8449	6079	4189	2926	2128	1589	1233	987	815

Classified

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

Scaled Data Report



REPORT NUMBER: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11508	9173	6836	4708	3418	2506	1860	1416	1129	927	783
-25°	9201	7233	5215	3831	2782	2070	1616	1291	1052	873	748
-27.5°	6959	5235	4058	3007	2260	1785	1425	1158	967	830	720
-30°	4985	3949	3074	2360	1892	1521	1251	1058	904	785	688
-32.5°	3573	2946	2320	1920	1573	1318	1126	965	845	746	663
-35°	2627	2214	1848	1574	1342	1168	1013	897	794	706	638
-37.5°	2004	1725	1521	1324	1178	1045	936	839	745	676	613
-40°	1600	1419	1282	1147	1048	958	872	786	715	645	587
-42.5°	1340	1219	1109	1029	952	888	819	751	683	619	561
-45°	1166	1080	1000	940	880	828	777	715	652	592	535
-47.5°	1036	979	921	869	824	778	732	678	618	561	511
-50°	949	904	859	814	774	733	687	635	582	534	485
-52.5°	881	844	806	768	732	691	644	598	552	504	455
-55°	825	792	761	729	696	654	611	565	517	471	422
-57.5°	777	747	718	689	659	619	575	529	483	438	390
-60°	733	704	673	643	615	580	533	489	448	404	361
-62.5°	669	638	612	585	557	525	483	443	406	369	328
-65°	600	571	546	520	492	460	425	392	361	328	291
-67.5°	530	503	477	452	427	401	373	344	314	282	247
-70°	463	440	418	396	372	348	322	294	264	236	208
-72.5°	396	377	357	336	315	295	272	247	222	197	173
-75°	327	313	297	280	262	244	225	203	183	163	144
-77.5°	262	251	238	223	208	193	177	161	145	129	114
-80°	199	190	181	169	158	147	136	122	109	96	85
-82.5°	140	134	127	120	112	105	97	88	78	69	60
-85°	86	82	78	74	70	66	62	56	50	44	38
-87.5°	41	39	37	35	33	31	29	26	24	21	18
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	1	2	1	0	1	1	0	0
65°	2	1	0	1	3	3	2	2	2	1	0
62.5°	3	4	3	2	3	4	5	3	3	2	1
60°	3	5	5	4	4	4	5	5	4	4	2
57.5°	6	5	6	6	5	5	5	5	5	4	4
55°	14	9	8	7	6	5	5	5	5	5	5
52.5°	35	19	12	10	8	6	6	5	5	5	5
50°	60	40	23	14	10	8	7	6	5	5	5
47.5°	88	64	41	22	15	11	9	7	5	5	6
45°	121	92	63	40	22	17	11	8	6	5	6
42.5°	157	124	90	56	37	25	13	10	8	6	7
40°	188	159	118	83	54	35	21	12	9	6	7
37.5°	220	191	152	109	72	49	31	14	12	8	7
35°	253	221	185	137	95	63	43	19	15	10	8
32.5°	286	250	211	166	118	76	54	31	18	12	8
30°	326	276	236	193	141	95	66	41	22	14	8
27.5°	367	302	259	216	165	115	78	51	27	17	10
25°	407	335	281	236	187	136	91	59	35	21	12
22.5°	447	370	302	255	208	155	107	70	42	25	13
20°	490	403	323	278	228	174	124	81	49	29	15
17.5°	536	439	357	301	246	191	140	92	55	33	17
15°	583	476	389	323	265	206	154	103	61	38	19
12.5°	623	509	418	346	282	220	167	114	66	42	23
10°	659	539	443	367	299	232	179	125	74	46	26
7.5°	689	564	465	387	315	245	188	133	83	49	30
5°	714	585	481	403	328	260	197	139	91	52	34
2.5°	734	602	493	415	339	274	204	145	100	54	38
0°	748	615	502	425	348	287	210	149	108	56	41
-2.5°	755	624	516	433	361	293	217	157	112	64	42
-5°	756	629	527	439	371	298	223	163	117	70	44
-7.5°	757	632	534	444	378	301	228	169	120	76	45
-10°	753	631	535	450	380	304	232	174	123	81	45
-12.5°	744	627	535	453	381	307	237	177	126	85	46
-15°	728	621	532	452	380	309	240	179	127	86	47
-17.5°	706	611	528	448	379	309	242	178	127	85	48
-20°	692	600	522	441	377	308	241	176	127	84	50

Classified

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

Scaled Data Report



REPORT NUMBER: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	674	590	512	434	373	306	239	172	125	83	51
-25°	653	577	501	431	369	302	234	165	122	81	52
-27.5°	633	562	488	424	361	296	226	161	119	79	52
-30°	615	546	478	415	351	287	215	157	116	78	51
-32.5°	595	531	465	402	340	278	204	150	112	77	50
-35°	575	513	450	387	329	265	196	143	109	75	49
-37.5°	553	493	432	372	317	253	191	141	105	72	47
-40°	530	472	413	359	304	240	185	138	101	68	45
-42.5°	507	451	396	346	289	231	177	134	96	64	43
-45°	484	430	379	328	275	220	170	127	90	61	41
-47.5°	460	409	357	307	260	207	160	120	83	58	40
-50°	434	382	331	287	242	193	148	110	79	56	39
-52.5°	403	351	308	267	222	176	137	101	75	53	37
-55°	370	324	287	246	202	161	124	95	70	51	34
-57.5°	345	303	264	224	183	145	113	88	66	47	33
-60°	319	279	240	200	162	130	104	81	61	44	31
-62.5°	289	251	212	175	143	117	94	74	56	41	29
-65°	253	217	182	152	126	103	85	67	51	37	27
-67.5°	214	184	155	129	109	91	75	59	45	33	24
-70°	181	154	130	111	94	79	65	51	39	29	21
-72.5°	152	130	110	93	80	67	54	42	33	25	18
-75°	125	108	91	77	65	54	44	35	27	20	16
-77.5°	99	85	72	62	52	43	35	27	22	18	14
-80°	75	65	56	48	40	33	27	22	19	15	13
-82.5°	53	46	40	35	30	25	21	18	15	13	10
-85°	34	30	27	23	20	18	15	13	11	9	7
-87.5°	16	15	13	12	10	9	8	7	5	4	3
-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: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	1	1	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	1	2	2	1	0	0	0
65°	1	2	2	1	0	0	0
62.5°	1	2	3	2	0	0	0
60°	1	2	3	2	0	0	0
57.5°	2	2	3	3	0	0	0
55°	3	2	3	3	1	0	0
52.5°	4	3	4	4	1	0	0
50°	5	3	4	4	1	0	0
47.5°	5	4	4	5	2	0	0
45°	6	4	4	5	2	0	0
42.5°	6	5	4	5	2	0	0
40°	7	5	4	5	3	0	0
37.5°	7	5	5	5	3	0	0
35°	8	5	5	5	3	0	0
32.5°	9	6	5	5	3	0	0
30°	9	7	5	5	4	0	0
27.5°	9	7	5	5	4	0	0
25°	9	8	5	5	4	0	0
22.5°	10	8	5	5	4	0	0
20°	10	9	5	5	4	0	0
17.5°	10	9	5	5	5	0	0
15°	11	9	5	5	5	0	0
12.5°	12	10	5	5	5	0	0
10°	12	10	5	5	5	0	0
7.5°	13	10	5	5	5	0	0
5°	14	10	5	5	5	0	0
2.5°	15	10	5	5	5	0	0
0°	15	10	5	5	5	0	0
-2.5°	18	11	6	5	5	0	0
-5°	21	11	6	5	5	0	0
-7.5°	23	12	6	5	5	0	0
-10°	25	12	7	5	5	0	0
-12.5°	27	12	7	5	5	1	0
-15°	28	13	7	5	5	1	0
-17.5°	29	13	8	5	5	1	0
-20°	29	13	8	5	5	1	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627276 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	29	13	8	5	5	1	0
-25°	29	14	8	5	5	1	0
-27.5°	29	15	8	5	4	1	0
-30°	29	16	8	5	4	1	0
-32.5°	28	16	8	5	4	1	0
-35°	28	17	8	5	4	1	0
-37.5°	28	17	8	5	4	1	0
-40°	28	17	8	5	4	1	0
-42.5°	28	17	9	5	4	1	0
-45°	27	17	9	5	4	1	0
-47.5°	26	17	9	6	4	1	0
-50°	26	16	9	6	4	1	0
-52.5°	25	16	9	6	4	1	0
-55°	24	15	9	6	4	1	0
-57.5°	23	15	9	6	4	1	0
-60°	21	14	9	6	4	1	0
-62.5°	20	13	9	6	4	1	0
-65°	19	12	9	6	4	1	0
-67.5°	17	12	8	6	4	1	0
-70°	15	11	8	6	3	1	0
-72.5°	14	10	8	6	3	1	0
-75°	13	10	8	5	3	1	0
-77.5°	11	9	6	4	2	1	0
-80°	10	8	5	3	2	0	0
-82.5°	8	6	4	2	1	0	0
-85°	5	4	3	2	1	0	0
-87.5°	3	2	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)