

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: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-750-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627294 (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-SA3E-750-U-MR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

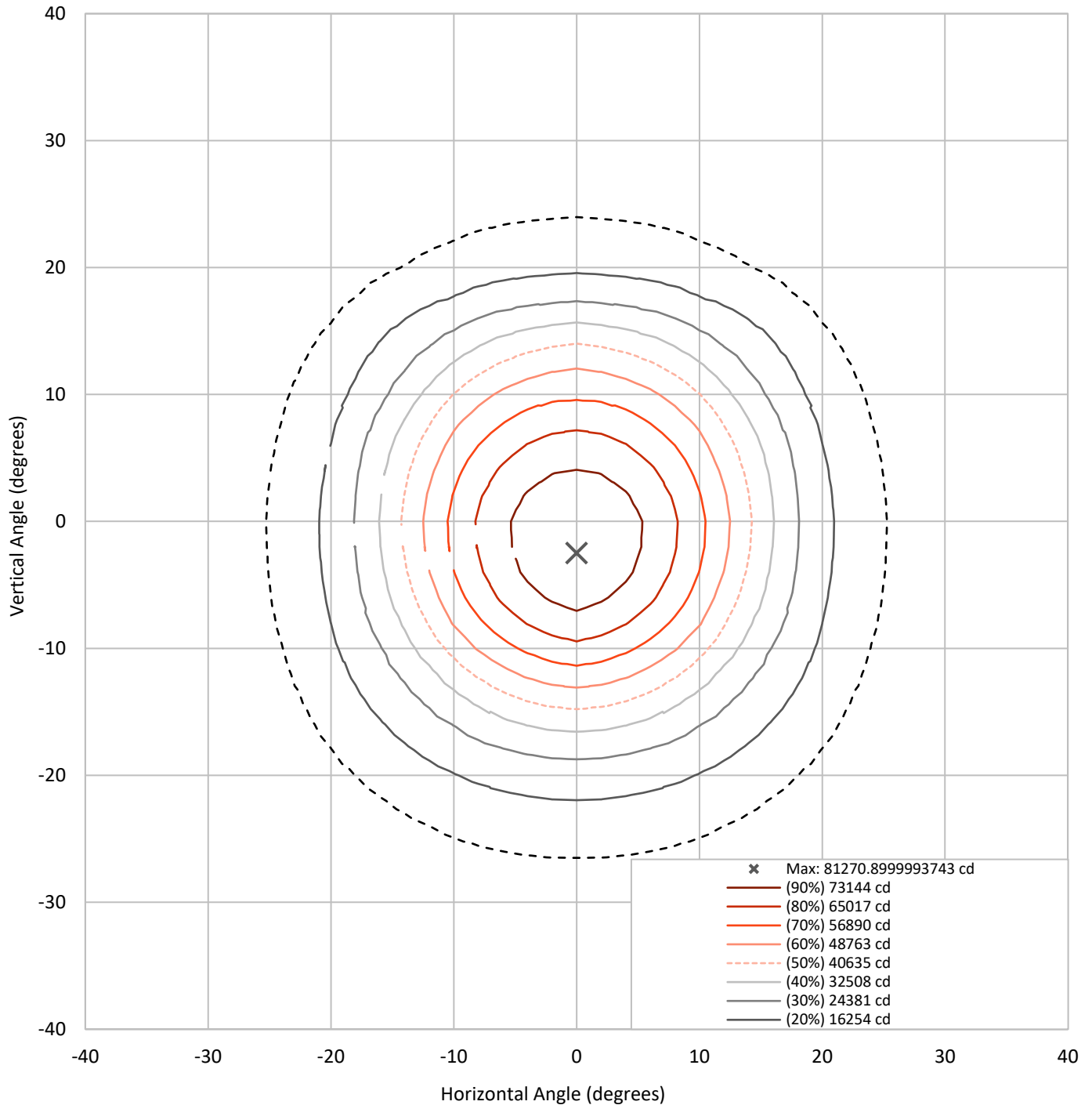
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	23050.2 lumens	Max Intensity:	81270.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	124.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' 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:	11525.3 lumens	Field Lumens:	19804.4 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
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: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-750-U-MR-VSR-XX

Iso-Candela Plot





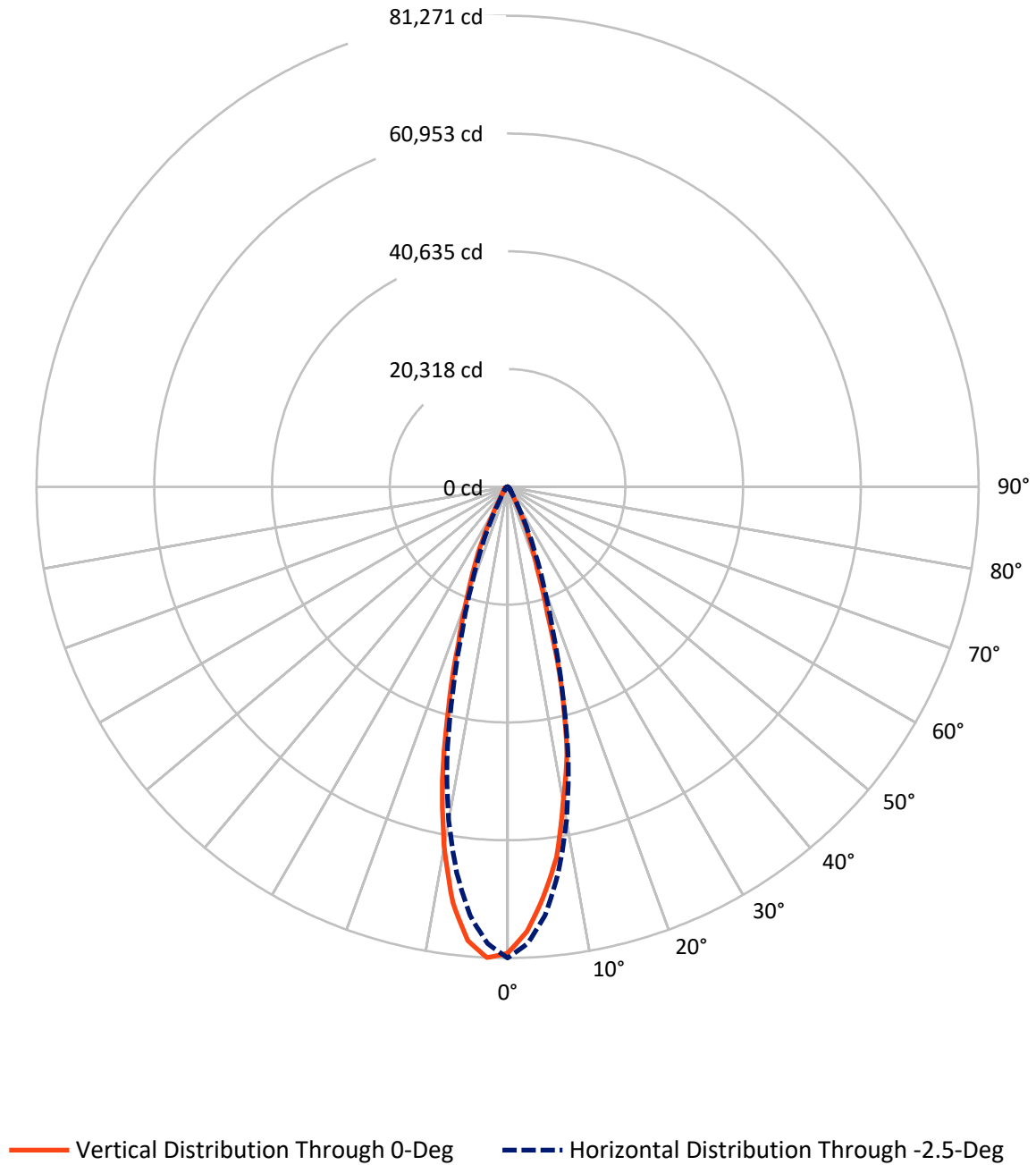
REPORT NUMBER: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-U-MR-VSR-XX

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				
70	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0			
60		0.0	0.1	0.6	1.6	2.6	3.6	4.4	4.4	3.6	2.6	1.6	0.6	0.1	0.0				
50	0.1	0.1	0.8	2.5	4.8	7.5	10.5	12.3	12.3	10.5	7.5	4.8	2.5	0.8	0.1	0.1			
40		0.3	1.9	4.9	9.1	14.9	24.9	33.2	33.2	24.9	14.9	9.1	4.9	1.9	0.3				
30	0.2	0.7	3.1	7.5	14.3	34.8	109.4	200.6	200.6	109.4	34.8	14.3	7.5	3.1	0.7	0.2			
20		1.1	4.3	10.2	24.5	120.1	488.1	955.8	955.8	488.1	120.1	24.5	10.2	4.3	1.1				
10	0.3	1.5	5.2	12.2	35.2	228.8	985.6	1931.9	1931.9	985.6	228.8	35.2	12.2	5.2	1.5	0.3			
0		1.7	5.7	12.9	37.6	239.7	1011.4	2048.5	2048.5	1011.4	239.7	37.6	12.9	5.7	1.7				
-10	0.4	1.8	5.8	12.5	30.9	147.2	559.3	1084.1	1084.1	559.3	147.2	30.9	12.5	5.8	1.8	0.4			
-20		1.7	5.5	11.5	22.7	57.2	173.2	309.0	309.0	173.2	57.2	22.7	11.5	5.5	1.7				
-30	0.4	1.5	4.9	9.9	17.2	28.2	46.0	61.6	61.6	46.0	28.2	17.2	9.9	4.9	1.5	0.4			
-40		1.3	4.1	8.2	13.6	19.4	25.6	28.7	28.7	25.6	19.4	13.6	8.2	4.1	1.3				
-50	0.3	1.0	3.1	6.4	10.6	14.8	18.5	20.1	20.1	18.5	14.8	10.6	6.4	3.1	1.0	0.3			
-60		0.6	1.9	4.2	7.1	10.1	12.6	13.9	13.9	12.6	10.1	7.1	4.2	1.9	0.6				
-70	0.1	1.5		6.8		14.7		18.6		14.7		6.8		1.5		0.1			
-80		1.5		6.8		14.7		18.6		14.7		6.8		1.5					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

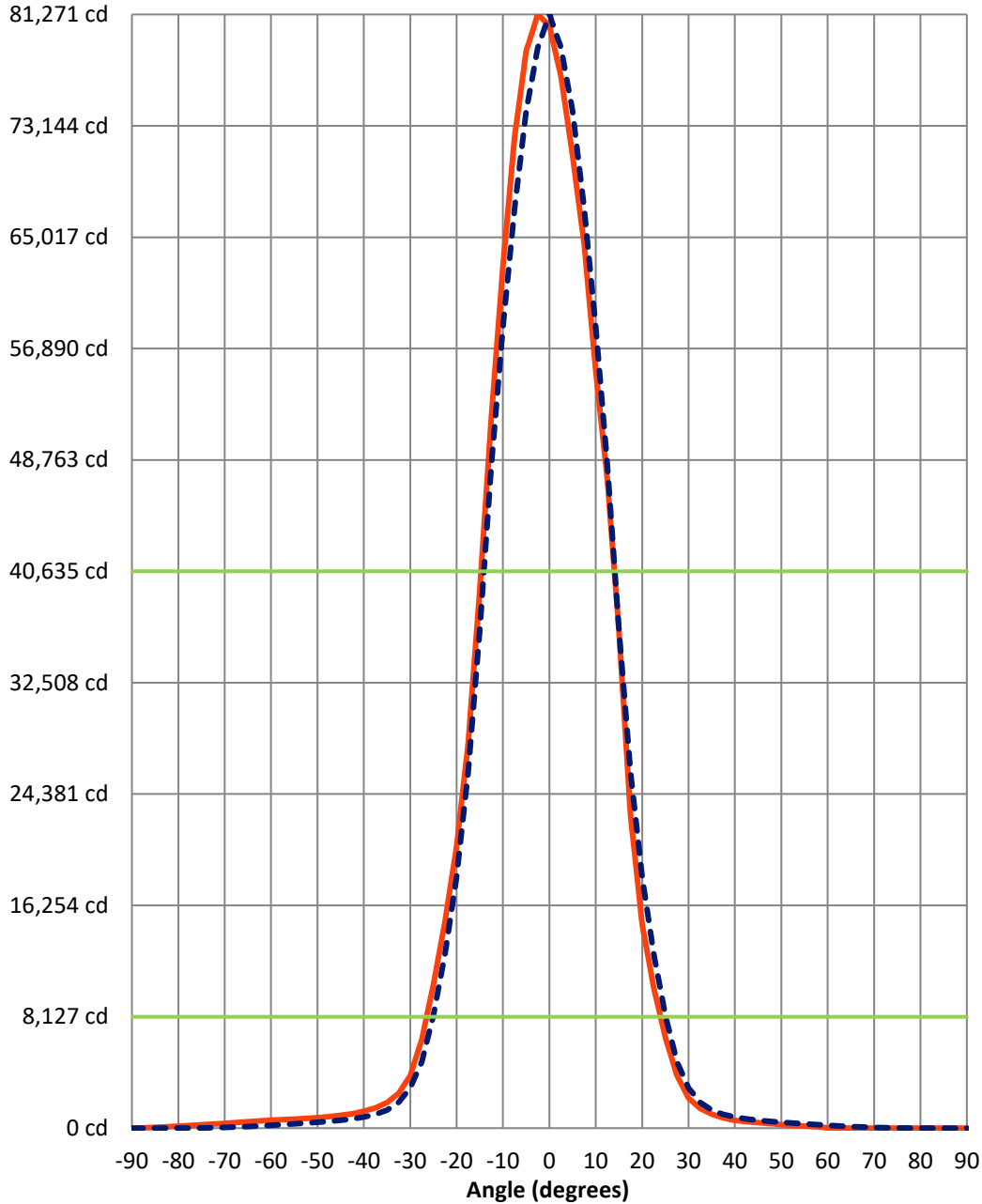
REPORT NUMBER: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-750-U-MR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-U-MR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 11525.3
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 19804.4
 Efficiency: 85.9%

Spill:
 Lumens: 3245.8
 Efficiency: 14.1%

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

Classified

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

Scaled Data Report



REPORT NUMBER: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-MR-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	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	1
57.5°	0	0	0	0	0	0	0	0	1	2	2
55°	0	0	0	0	0	0	1	0	2	3	2
52.5°	0	0	0	0	0	0	1	1	4	3	2
50°	0	0	0	0	0	1	1	3	5	4	3
47.5°	0	0	0	0	0	1	2	4	5	4	4
45°	0	0	0	0	0	2	3	5	5	5	5
42.5°	0	0	0	0	0	2	3	5	5	5	8
40°	0	0	0	0	0	3	4	5	5	5	12
37.5°	0	0	0	0	1	4	5	5	6	7	17
35°	0	0	0	0	1	4	5	5	8	12	22
32.5°	0	0	0	0	2	4	5	5	9	17	28
30°	0	0	0	0	2	5	5	5	12	22	34
27.5°	0	0	0	0	3	5	5	7	14	26	41
25°	0	0	0	0	3	5	5	9	18	31	48
22.5°	0	0	0	0	4	5	5	11	22	37	57
20°	0	0	0	0	4	5	5	13	25	42	66
17.5°	0	0	0	0	4	5	5	15	28	48	74
15°	0	0	0	0	4	5	6	17	31	54	81
12.5°	0	0	0	0	5	5	7	20	34	59	87
10°	0	0	0	0	5	5	7	22	37	65	93
7.5°	0	0	0	0	5	5	8	25	39	70	99
5°	0	0	0	0	5	5	9	27	42	74	104
2.5°	0	0	0	0	5	5	9	29	44	78	109
0°	0	0	0	0	5	5	10	31	46	82	113
-2.5°	0	0	0	0	5	6	12	31	51	85	116
-5°	0	0	0	1	5	6	14	32	55	87	118
-7.5°	0	0	0	1	5	7	16	32	58	89	120
-10°	0	0	0	1	5	7	17	32	61	91	122
-12.5°	0	0	0	2	5	8	19	33	62	92	124
-15°	0	0	0	2	5	8	20	33	63	93	127
-17.5°	0	0	0	2	5	8	20	34	62	94	128
-20°	0	0	0	2	5	8	21	36	61	93	128

Classified

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

Scaled Data Report



REPORT NUMBER: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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	2	5	8	21	37	60	92	126
-25°	0	0	0	2	5	9	21	38	58	90	123
-27.5°	0	0	0	2	5	9	21	38	56	88	120
-30°	0	0	0	2	5	10	21	38	56	85	117
-32.5°	0	0	0	2	6	10	21	38	56	82	112
-35°	0	0	0	2	6	10	21	37	55	78	106
-37.5°	0	0	0	2	6	10	21	36	54	75	103
-40°	0	0	0	1	7	11	21	35	52	73	101
-42.5°	0	0	0	1	7	11	20	34	50	70	97
-45°	0	0	0	1	6	11	19	32	48	67	92
-47.5°	0	0	0	1	6	11	18	31	46	63	87
-50°	0	0	0	1	6	11	17	29	44	60	81
-52.5°	0	0	0	1	5	10	17	27	41	56	75
-55°	0	0	0	1	5	10	16	24	37	52	69
-57.5°	0	0	0	1	4	9	15	23	34	47	63
-60°	0	0	0	1	4	8	13	21	30	43	57
-62.5°	0	0	0	1	4	8	12	18	27	37	50
-65°	0	0	0	1	4	7	11	16	24	33	44
-67.5°	0	0	0	1	3	6	11	15	21	29	39
-70°	0	0	0	1	3	6	9	13	18	25	33
-72.5°	0	0	0	1	3	5	9	12	16	21	28
-75°	0	0	0	1	2	5	7	10	13	17	22
-77.5°	0	0	0	1	2	4	6	8	10	13	17
-80°	0	0	0	1	2	3	5	6	8	10	12
-82.5°	0	0	0	0	1	2	4	5	5	6	8
-85°	0	0	0	0	1	2	3	3	3	4	4
-87.5°	0	0	0	0	0	1	1	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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	0	1	2
60°	0	0	1	1	1	2	3	4	5	5	10
57.5°	1	1	2	3	4	6	8	10	16	23	28
55°	2	3	4	4	7	12	17	26	34	45	54
52.5°	3	5	5	8	15	22	33	45	58	68	77
50°	5	6	7	16	26	37	53	70	82	91	106
47.5°	7	8	16	26	39	57	78	92	103	122	143
45°	10	15	25	39	56	80	99	112	132	154	176
42.5°	13	23	37	51	79	102	119	139	160	184	208
40°	20	31	49	72	100	122	144	166	188	217	242
37.5°	26	42	63	92	120	145	170	195	222	252	281
35°	32	54	80	109	139	169	196	225	258	291	325
32.5°	41	66	95	126	158	191	222	259	294	330	370
30°	52	79	109	143	176	212	251	292	327	367	411
27.5°	64	91	124	159	193	232	279	320	358	401	449
25°	75	103	138	173	211	255	305	347	387	436	492
22.5°	85	116	153	186	228	279	330	377	423	470	536
20°	95	129	168	204	245	301	355	408	461	521	595
17.5°	105	141	182	222	268	323	381	439	498	572	663
15°	114	153	196	240	288	345	405	470	539	624	729
12.5°	122	163	209	256	307	365	428	494	574	677	808
10°	130	173	222	270	323	383	447	516	603	713	866
7.5°	137	182	234	284	337	399	463	535	626	743	913
5°	144	190	243	293	348	411	477	551	645	767	950
2.5°	149	198	250	301	356	419	485	561	657	790	979
0°	153	205	256	307	363	425	491	568	665	808	998
-2.5°	158	211	262	313	370	430	497	574	674	814	1002
-5°	162	217	266	318	375	433	500	577	678	815	1005
-7.5°	165	220	270	322	379	437	502	579	681	813	1004
-10°	167	223	272	325	382	439	503	578	677	805	987
-12.5°	170	223	274	326	383	440	501	573	668	789	956
-15°	172	224	274	325	382	439	497	564	653	769	914
-17.5°	173	223	272	323	379	437	491	556	638	747	885
-20°	172	222	270	318	375	432	486	549	625	722	846

Classified

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

Scaled Data Report



REPORT NUMBER: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	171	220	266	313	368	424	479	538	609	690	801
-25°	169	217	263	309	360	414	469	523	591	669	763
-27.5°	164	213	258	303	352	402	456	510	572	643	724
-30°	158	207	252	297	344	392	441	495	550	616	691
-32.5°	151	200	244	288	334	381	425	477	531	588	655
-35°	144	191	235	277	324	368	411	456	509	562	619
-37.5°	140	181	225	265	310	354	394	437	484	536	587
-40°	134	171	214	254	294	338	378	416	459	509	558
-42.5°	128	164	203	243	281	320	361	398	438	484	531
-45°	123	157	193	230	268	303	342	380	419	460	504
-47.5°	116	148	183	216	253	290	323	360	400	438	477
-50°	108	139	171	202	237	273	308	340	375	414	452
-52.5°	100	129	158	187	219	254	289	322	353	386	422
-55°	90	117	145	172	201	232	266	299	332	362	393
-57.5°	81	104	130	157	183	210	242	274	305	336	367
-60°	73	92	115	140	166	191	218	248	278	306	335
-62.5°	64	81	100	122	147	172	197	222	249	274	299
-65°	57	70	87	106	126	148	171	196	221	241	260
-67.5°	49	61	74	89	107	125	144	165	188	206	224
-70°	42	50	61	74	88	103	120	137	154	171	188
-72.5°	35	43	50	59	71	85	98	111	126	140	155
-75°	29	35	41	48	57	68	79	91	103	114	126
-77.5°	22	27	33	38	44	53	61	71	80	90	99
-80°	16	20	25	30	34	39	45	51	58	65	73
-82.5°	11	14	17	21	24	27	30	34	39	44	49
-85°	6	8	10	12	14	15	17	19	22	25	28
-87.5°	3	4	5	6	6	7	7	7	8	10	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-MR-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	1	1	1	0	0	0
62.5°	1	2	4	5	6	6	7	7	7	7	7
60°	13	13	19	23	23	18	25	29	28	24	23
57.5°	36	45	52	54	61	71	75	73	74	78	87
55°	63	70	75	85	96	105	113	118	124	131	139
52.5°	86	97	106	116	130	138	142	156	169	178	184
50°	122	134	148	162	175	187	197	212	229	246	257
47.5°	160	175	193	214	229	240	253	273	296	317	330
45°	195	214	235	255	272	288	308	332	356	377	393
42.5°	227	248	270	293	308	334	362	386	415	442	462
40°	264	284	317	341	361	388	429	465	499	532	552
37.5°	308	342	378	406	434	467	524	579	622	666	697
35°	360	401	446	477	518	581	651	727	803	864	919
32.5°	410	456	501	551	613	702	790	912	1025	1141	1249
30°	455	506	562	626	726	850	993	1180	1382	1584	1814
27.5°	503	559	625	727	879	1048	1312	1606	2025	2362	2905
25°	555	617	707	871	1081	1378	1839	2363	3229	3969	4804
22.5°	617	714	841	1046	1397	1931	2648	3790	5121	6356	7535
20°	694	825	1043	1369	1872	2694	4053	5785	7636	9444	11193
17.5°	796	1004	1315	1778	2492	4221	6243	8718	11886	14266	16523
15°	889	1151	1622	2372	3715	5941	8766	12557	16822	20409	24466
12.5°	998	1316	1883	2856	4776	7718	11320	15840	20888	26332	32687
10°	1094	1484	2214	3554	5883	9306	13342	18648	25133	32836	40868
7.5°	1168	1625	2491	4077	6815	10609	15424	21877	30089	39093	48252
5°	1225	1734	2708	4487	7608	11667	16943	24432	33792	44126	53235
2.5°	1270	1811	2852	4739	8143	12390	17982	25790	36058	47413	56976
0°	1305	1857	2932	4918	8392	12731	18463	26338	37120	49022	58858
-2.5°	1317	1882	2936	4855	8241	12711	18350	26002	36387	48383	58458
-5°	1321	1869	2862	4727	7972	12255	17616	24724	34150	45402	55613
-7.5°	1312	1819	2712	4410	7369	11450	16590	22829	30556	40476	51029
-10°	1276	1732	2508	3980	6539	10194	14992	20264	26436	34535	43087
-12.5°	1212	1602	2228	3337	5562	8772	13021	17682	22492	27815	34849
-15°	1136	1468	1999	2947	4657	7279	10720	14656	18649	22724	27015
-17.5°	1078	1352	1764	2426	3576	5696	8447	11610	14849	18086	20975
-20°	1004	1213	1535	2050	2885	4139	6209	8670	11090	13729	15944

Classified

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

Scaled Data Report



REPORT NUMBER: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	938	1116	1357	1681	2243	3126	4306	6038	7877	9794	11613
-25°	876	1011	1202	1462	1798	2323	3102	4008	5299	6478	7828
-27.5°	824	936	1066	1259	1513	1801	2279	2808	3484	4047	4948
-30°	773	863	970	1094	1281	1500	1756	2077	2408	2740	3172
-32.5°	726	802	885	986	1101	1265	1425	1630	1811	2011	2217
-35°	680	747	816	895	984	1092	1212	1348	1469	1589	1697
-37.5°	640	696	756	819	890	965	1059	1155	1236	1315	1381
-40°	606	653	703	755	812	873	946	1017	1072	1122	1165
-42.5°	575	617	656	700	748	803	860	914	952	987	1015
-45°	546	582	618	654	693	742	790	833	862	888	909
-47.5°	515	547	580	613	651	689	728	760	786	809	824
-50°	485	516	546	573	607	641	675	702	725	744	755
-52.5°	455	485	515	543	570	597	624	649	673	693	701
-55°	426	456	482	509	535	561	585	607	628	647	653
-57.5°	397	428	456	477	500	523	546	567	588	605	612
-60°	365	395	420	441	463	484	504	524	544	561	569
-62.5°	326	354	377	397	417	435	454	472	489	504	512
-65°	281	305	327	347	364	381	398	414	429	441	447
-67.5°	241	259	277	295	313	330	345	360	373	382	388
-70°	204	219	236	252	268	283	296	309	321	329	336
-72.5°	169	183	198	212	227	239	251	262	272	280	286
-75°	137	149	162	174	186	197	206	215	224	230	235
-77.5°	109	118	127	136	146	154	162	169	176	181	186
-80°	81	88	95	102	109	114	120	126	132	136	140
-82.5°	55	60	66	71	77	80	83	86	88	92	95
-85°	32	35	38	42	45	48	50	52	54	56	58
-87.5°	13	14	16	17	19	19	19	20	20	21	23
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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	0	1
62.5°	6	5	5	5	5	5	6	7	7	7	7
60°	22	20	20	21	20	20	22	23	24	28	29
57.5°	95	102	106	108	106	102	95	87	78	74	73
55°	145	150	151	148	151	150	145	139	131	124	118
52.5°	187	188	187	184	187	188	187	184	178	169	156
50°	260	259	260	261	260	259	260	257	246	229	212
47.5°	335	338	340	338	340	338	335	330	317	296	273
45°	400	405	406	404	406	405	400	393	377	356	332
42.5°	470	473	474	476	474	473	470	462	442	415	386
40°	562	565	565	563	565	565	562	552	532	499	465
37.5°	718	729	734	747	734	729	718	697	666	622	579
35°	961	988	1002	1023	1002	988	961	919	864	803	727
32.5°	1328	1381	1410	1438	1410	1381	1328	1249	1141	1025	912
30°	1974	2079	2122	2200	2122	2079	1974	1814	1584	1382	1180
27.5°	3304	3554	3652	3858	3652	3554	3304	2905	2362	2025	1606
25°	5565	6104	6402	6637	6402	6104	5565	4804	3969	3229	2363
22.5°	8724	9515	9938	10250	9938	9515	8724	7535	6356	5121	3790
20°	12778	13822	14444	14896	14444	13822	12778	11193	9444	7636	5785
17.5°	19420	21060	22019	22843	22019	21060	19420	16523	14266	11886	8718
15°	28992	32288	34849	36276	34849	32288	28992	24466	20409	16822	12557
12.5°	38304	43131	45999	47319	45999	43131	38304	32687	26332	20888	15840
10°	47514	52065	54794	55276	54794	52065	47514	40868	32836	25133	18648
7.5°	54564	59569	63195	64512	63195	59569	54564	48252	39093	30089	21877
5°	60791	66652	70489	70975	70489	66652	60791	53235	44126	33792	24432
2.5°	65372	71743	75463	76742	75463	71743	65372	56976	47413	36058	25790
0°	67588	74450	78589	80452	78589	74450	67588	58858	49022	37120	26338
-2.5°	67121	74219	78839	81271	78839	74219	67121	58458	48383	36387	26002
-5°	64569	71687	75996	78579	75996	71687	64569	55613	45402	34150	24724
-7.5°	58684	65341	69927	72311	69927	65341	58684	51029	40476	30556	22829
-10°	51100	56734	60915	62946	60915	56734	51100	43087	34535	26436	20264
-12.5°	41246	46710	50482	51919	50482	46710	41246	34849	27815	22492	17682
-15°	31602	35772	38452	39300	38452	35772	31602	27015	22724	18649	14656
-17.5°	23965	26211	27718	28124	27718	26211	23965	20975	18086	14849	11610
-20°	17954	19346	20324	20556	20324	19346	17954	15944	13729	11090	8670

Classified

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

Scaled Data Report



REPORT NUMBER: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	13082	14128	14918	15075	14918	14128	13082	11613	9794	7877	6038
-25°	9024	9899	10434	10475	10434	9899	9024	7828	6478	5299	4008
-27.5°	5657	6138	6386	6473	6386	6138	5657	4948	4047	3484	2808
-30°	3496	3718	3834	3838	3834	3718	3496	3172	2740	2408	2077
-32.5°	2373	2480	2538	2538	2538	2480	2373	2217	2011	1811	1630
-35°	1778	1833	1864	1868	1864	1833	1778	1697	1589	1469	1348
-37.5°	1430	1460	1476	1479	1476	1460	1430	1381	1315	1236	1155
-40°	1195	1216	1230	1238	1230	1216	1195	1165	1122	1072	1017
-42.5°	1034	1048	1054	1049	1054	1048	1034	1015	987	952	914
-45°	921	929	934	936	934	929	921	909	888	862	833
-47.5°	831	835	838	839	838	835	831	824	809	786	760
-50°	760	764	765	763	765	764	760	755	744	725	702
-52.5°	703	704	705	706	705	704	703	701	693	673	649
-55°	657	658	660	660	660	658	657	653	647	628	607
-57.5°	617	622	622	619	622	622	617	612	605	588	567
-60°	575	580	583	583	583	580	575	569	561	544	524
-62.5°	519	524	526	527	526	524	519	512	504	489	472
-65°	453	458	464	471	464	458	453	447	441	429	414
-67.5°	393	397	403	409	403	397	393	388	382	373	360
-70°	341	346	348	348	348	346	341	336	329	321	309
-72.5°	291	295	296	297	296	295	291	286	280	272	262
-75°	240	244	245	246	245	244	240	235	230	224	215
-77.5°	190	193	194	195	194	193	190	186	181	176	169
-80°	144	148	146	143	146	148	144	140	136	132	126
-82.5°	99	102	100	97	100	102	99	95	92	88	86
-85°	59	61	59	56	59	61	59	58	56	54	52
-87.5°	24	26	23	21	23	26	24	23	21	20	20
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	1	1	0	0	0	0	0	0	0	0	0
62.5°	7	6	6	5	4	2	1	2	1	0	1
60°	25	18	23	23	19	13	13	10	5	5	4
57.5°	75	71	61	54	52	45	36	28	23	16	10
55°	113	105	96	85	75	70	63	54	45	34	26
52.5°	142	138	130	116	106	97	86	77	68	58	45
50°	197	187	175	162	148	134	122	106	91	82	70
47.5°	253	240	229	214	193	175	160	143	122	103	92
45°	308	288	272	255	235	214	195	176	154	132	112
42.5°	362	334	308	293	270	248	227	208	184	160	139
40°	429	388	361	341	317	284	264	242	217	188	166
37.5°	524	467	434	406	378	342	308	281	252	222	195
35°	651	581	518	477	446	401	360	325	291	258	225
32.5°	790	702	613	551	501	456	410	370	330	294	259
30°	993	850	726	626	562	506	455	411	367	327	292
27.5°	1312	1048	879	727	625	559	503	449	401	358	320
25°	1839	1378	1081	871	707	617	555	492	436	387	347
22.5°	2648	1931	1397	1046	841	714	617	536	470	423	377
20°	4053	2694	1872	1369	1043	825	694	595	521	461	408
17.5°	6243	4221	2492	1778	1315	1004	796	663	572	498	439
15°	8766	5941	3715	2372	1622	1151	889	729	624	539	470
12.5°	11320	7718	4776	2856	1883	1316	998	808	677	574	494
10°	13342	9306	5883	3554	2214	1484	1094	866	713	603	516
7.5°	15424	10609	6815	4077	2491	1625	1168	913	743	626	535
5°	16943	11667	7608	4487	2708	1734	1225	950	767	645	551
2.5°	17982	12390	8143	4739	2852	1811	1270	979	790	657	561
0°	18463	12731	8392	4918	2932	1857	1305	998	808	665	568
-2.5°	18350	12711	8241	4855	2936	1882	1317	1002	814	674	574
-5°	17616	12255	7972	4727	2862	1869	1321	1005	815	678	577
-7.5°	16590	11450	7369	4410	2712	1819	1312	1004	813	681	579
-10°	14992	10194	6539	3980	2508	1732	1276	987	805	677	578
-12.5°	13021	8772	5562	3337	2228	1602	1212	956	789	668	573
-15°	10720	7279	4657	2947	1999	1468	1136	914	769	653	564
-17.5°	8447	5696	3576	2426	1764	1352	1078	885	747	638	556
-20°	6209	4139	2885	2050	1535	1213	1004	846	722	625	549

Classified

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

Scaled Data Report



REPORT NUMBER: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	4306	3126	2243	1681	1357	1116	938	801	690	609	538
-25°	3102	2323	1798	1462	1202	1011	876	763	669	591	523
-27.5°	2279	1801	1513	1259	1066	936	824	724	643	572	510
-30°	1756	1500	1281	1094	970	863	773	691	616	550	495
-32.5°	1425	1265	1101	986	885	802	726	655	588	531	477
-35°	1212	1092	984	895	816	747	680	619	562	509	456
-37.5°	1059	965	890	819	756	696	640	587	536	484	437
-40°	946	873	812	755	703	653	606	558	509	459	416
-42.5°	860	803	748	700	656	617	575	531	484	438	398
-45°	790	742	693	654	618	582	546	504	460	419	380
-47.5°	728	689	651	613	580	547	515	477	438	400	360
-50°	675	641	607	573	546	516	485	452	414	375	340
-52.5°	624	597	570	543	515	485	455	422	386	353	322
-55°	585	561	535	509	482	456	426	393	362	332	299
-57.5°	546	523	500	477	456	428	397	367	336	305	274
-60°	504	484	463	441	420	395	365	335	306	278	248
-62.5°	454	435	417	397	377	354	326	299	274	249	222
-65°	398	381	364	347	327	305	281	260	241	221	196
-67.5°	345	330	313	295	277	259	241	224	206	188	165
-70°	296	283	268	252	236	219	204	188	171	154	137
-72.5°	251	239	227	212	198	183	169	155	140	126	111
-75°	206	197	186	174	162	149	137	126	114	103	91
-77.5°	162	154	146	136	127	118	109	99	90	80	71
-80°	120	114	109	102	95	88	81	73	65	58	51
-82.5°	83	80	77	71	66	60	55	49	44	39	34
-85°	50	48	45	42	38	35	32	28	25	22	19
-87.5°	19	19	19	17	16	14	13	11	10	8	7
-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: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	3	2	1	1	1	0	0	1	1	0	0
57.5°	8	6	4	3	2	1	1	2	2	1	0
55°	17	12	7	4	4	3	2	2	3	2	0
52.5°	33	22	15	8	5	5	3	2	3	4	1
50°	53	37	26	16	7	6	5	3	4	5	3
47.5°	78	57	39	26	16	8	7	4	4	5	4
45°	99	80	56	39	25	15	10	5	5	5	5
42.5°	119	102	79	51	37	23	13	8	5	5	5
40°	144	122	100	72	49	31	20	12	5	5	5
37.5°	170	145	120	92	63	42	26	17	7	6	5
35°	196	169	139	109	80	54	32	22	12	8	5
32.5°	222	191	158	126	95	66	41	28	17	9	5
30°	251	212	176	143	109	79	52	34	22	12	5
27.5°	279	232	193	159	124	91	64	41	26	14	7
25°	305	255	211	173	138	103	75	48	31	18	9
22.5°	330	279	228	186	153	116	85	57	37	22	11
20°	355	301	245	204	168	129	95	66	42	25	13
17.5°	381	323	268	222	182	141	105	74	48	28	15
15°	405	345	288	240	196	153	114	81	54	31	17
12.5°	428	365	307	256	209	163	122	87	59	34	20
10°	447	383	323	270	222	173	130	93	65	37	22
7.5°	463	399	337	284	234	182	137	99	70	39	25
5°	477	411	348	293	243	190	144	104	74	42	27
2.5°	485	419	356	301	250	198	149	109	78	44	29
0°	491	425	363	307	256	205	153	113	82	46	31
-2.5°	497	430	370	313	262	211	158	116	85	51	31
-5°	500	433	375	318	266	217	162	118	87	55	32
-7.5°	502	437	379	322	270	220	165	120	89	58	32
-10°	503	439	382	325	272	223	167	122	91	61	32
-12.5°	501	440	383	326	274	223	170	124	92	62	33
-15°	497	439	382	325	274	224	172	127	93	63	33
-17.5°	491	437	379	323	272	223	173	128	94	62	34
-20°	486	432	375	318	270	222	172	128	93	61	36

Classified

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

Scaled Data Report



REPORT NUMBER: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	479	424	368	313	266	220	171	126	92	60	37
-25°	469	414	360	309	263	217	169	123	90	58	38
-27.5°	456	402	352	303	258	213	164	120	88	56	38
-30°	441	392	344	297	252	207	158	117	85	56	38
-32.5°	425	381	334	288	244	200	151	112	82	56	38
-35°	411	368	324	277	235	191	144	106	78	55	37
-37.5°	394	354	310	265	225	181	140	103	75	54	36
-40°	378	338	294	254	214	171	134	101	73	52	35
-42.5°	361	320	281	243	203	164	128	97	70	50	34
-45°	342	303	268	230	193	157	123	92	67	48	32
-47.5°	323	290	253	216	183	148	116	87	63	46	31
-50°	308	273	237	202	171	139	108	81	60	44	29
-52.5°	289	254	219	187	158	129	100	75	56	41	27
-55°	266	232	201	172	145	117	90	69	52	37	24
-57.5°	242	210	183	157	130	104	81	63	47	34	23
-60°	218	191	166	140	115	92	73	57	43	30	21
-62.5°	197	172	147	122	100	81	64	50	37	27	18
-65°	171	148	126	106	87	70	57	44	33	24	16
-67.5°	144	125	107	89	74	61	49	39	29	21	15
-70°	120	103	88	74	61	50	42	33	25	18	13
-72.5°	98	85	71	59	50	43	35	28	21	16	12
-75°	79	68	57	48	41	35	29	22	17	13	10
-77.5°	61	53	44	38	33	27	22	17	13	10	8
-80°	45	39	34	30	25	20	16	12	10	8	6
-82.5°	30	27	24	21	17	14	11	8	6	5	5
-85°	17	15	14	12	10	8	6	4	4	3	3
-87.5°	7	7	6	6	5	4	3	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	1	1	0	0	0	0	0
47.5°	2	1	0	0	0	0	0
45°	3	2	0	0	0	0	0
42.5°	3	2	0	0	0	0	0
40°	4	3	0	0	0	0	0
37.5°	5	4	1	0	0	0	0
35°	5	4	1	0	0	0	0
32.5°	5	4	2	0	0	0	0
30°	5	5	2	0	0	0	0
27.5°	5	5	3	0	0	0	0
25°	5	5	3	0	0	0	0
22.5°	5	5	4	0	0	0	0
20°	5	5	4	0	0	0	0
17.5°	5	5	4	0	0	0	0
15°	6	5	4	0	0	0	0
12.5°	7	5	5	0	0	0	0
10°	7	5	5	0	0	0	0
7.5°	8	5	5	0	0	0	0
5°	9	5	5	0	0	0	0
2.5°	9	5	5	0	0	0	0
0°	10	5	5	0	0	0	0
-2.5°	12	6	5	0	0	0	0
-5°	14	6	5	1	0	0	0
-7.5°	16	7	5	1	0	0	0
-10°	17	7	5	1	0	0	0
-12.5°	19	8	5	2	0	0	0
-15°	20	8	5	2	0	0	0
-17.5°	20	8	5	2	0	0	0
-20°	21	8	5	2	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627294 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21	8	5	2	0	0	0
-25°	21	9	5	2	0	0	0
-27.5°	21	9	5	2	0	0	0
-30°	21	10	5	2	0	0	0
-32.5°	21	10	6	2	0	0	0
-35°	21	10	6	2	0	0	0
-37.5°	21	10	6	2	0	0	0
-40°	21	11	7	1	0	0	0
-42.5°	20	11	7	1	0	0	0
-45°	19	11	6	1	0	0	0
-47.5°	18	11	6	1	0	0	0
-50°	17	11	6	1	0	0	0
-52.5°	17	10	5	1	0	0	0
-55°	16	10	5	1	0	0	0
-57.5°	15	9	4	1	0	0	0
-60°	13	8	4	1	0	0	0
-62.5°	12	8	4	1	0	0	0
-65°	11	7	4	1	0	0	0
-67.5°	11	6	3	1	0	0	0
-70°	9	6	3	1	0	0	0
-72.5°	9	5	3	1	0	0	0
-75°	7	5	2	1	0	0	0
-77.5°	6	4	2	1	0	0	0
-80°	5	3	2	1	0	0	0
-82.5°	4	2	1	0	0	0	0
-85°	3	2	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)