

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: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627744 (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-730-U-MR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

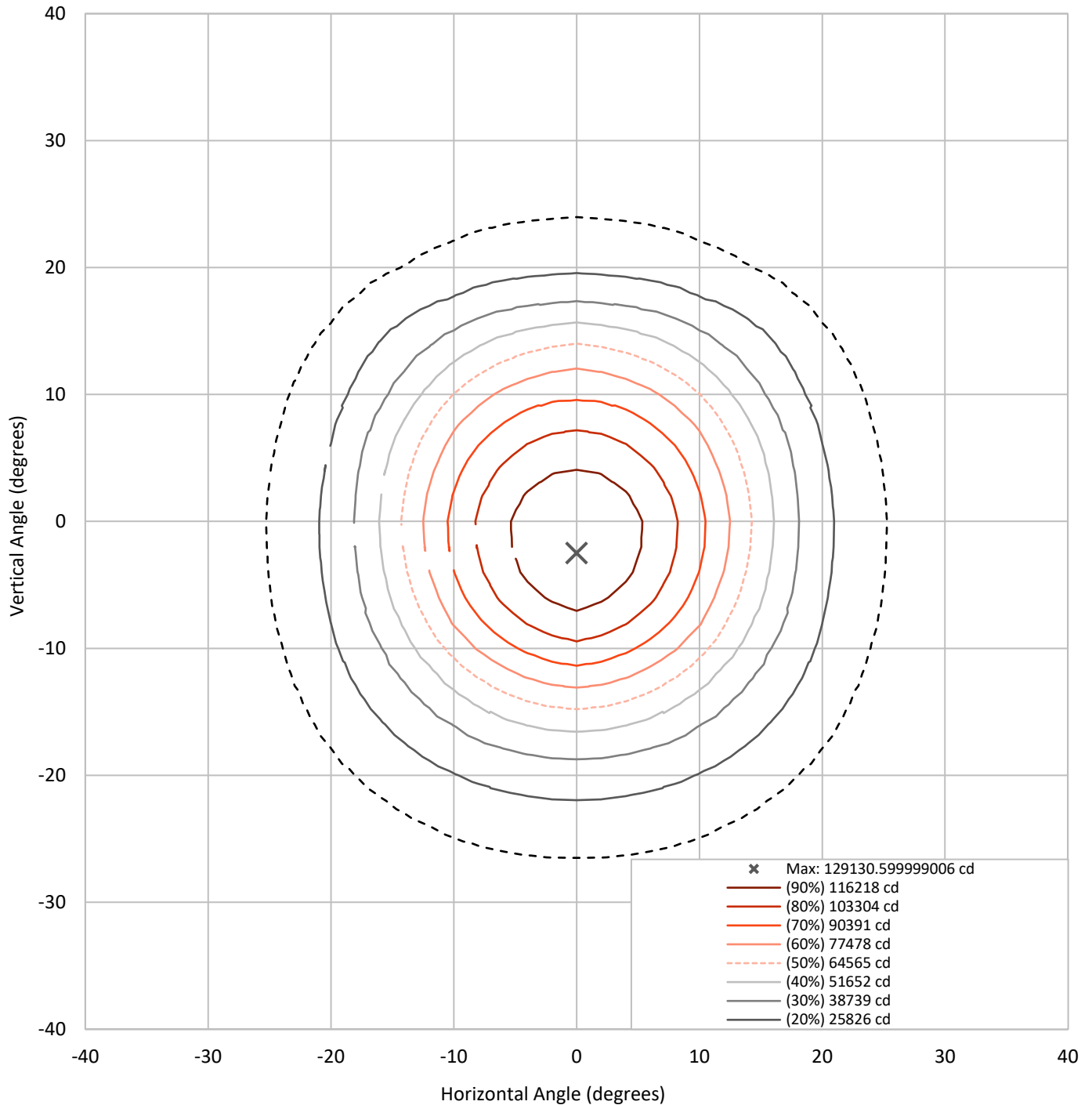
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	36624.3 lumens	Max Intensity:	129130.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	116.7 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:	18312.5 lumens	Field Lumens:	31467.1 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: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-730-U-MR-VSR-XX

Iso-Candela Plot





REPORT NUMBER: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)

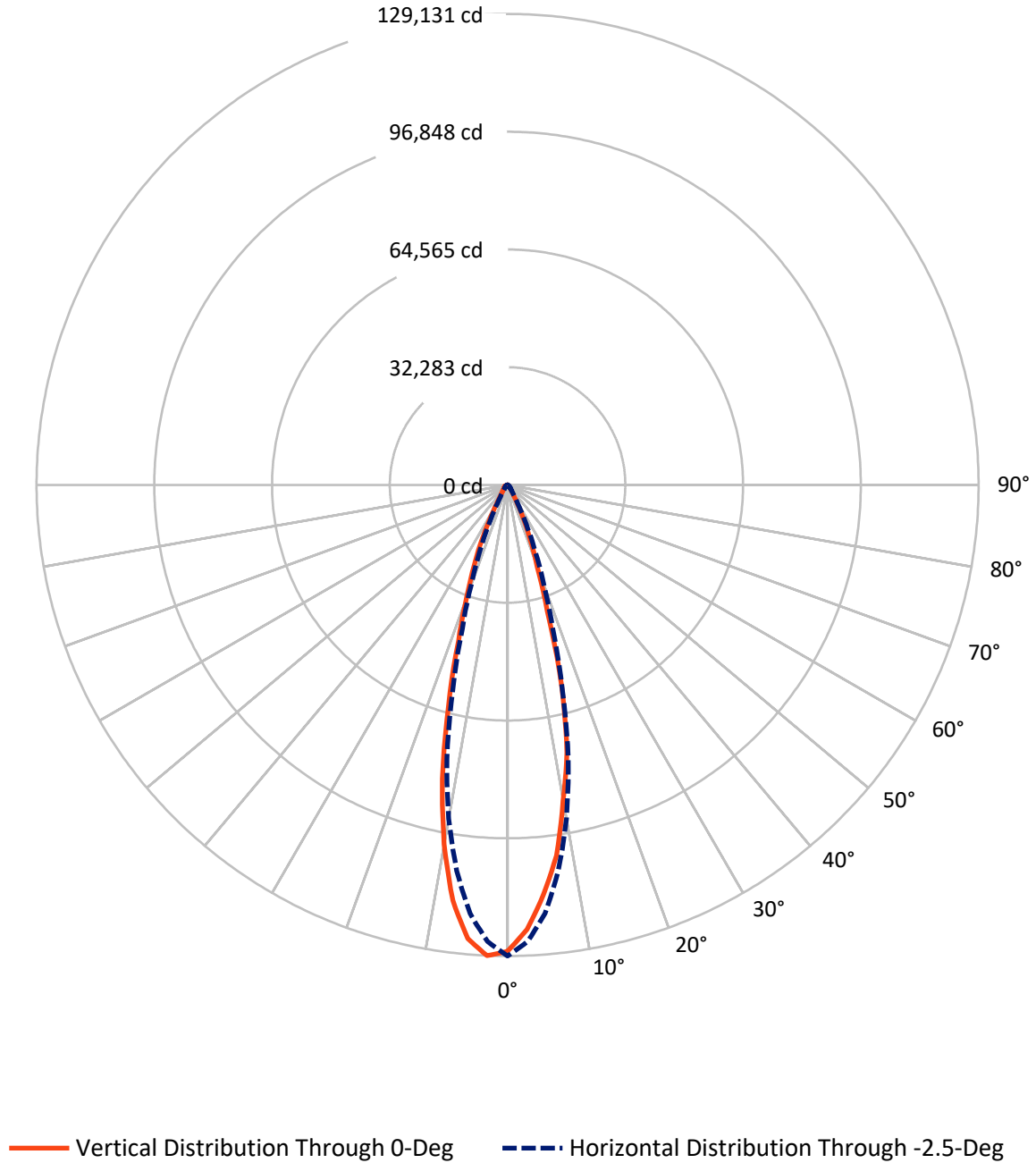
CATALOG NUMBER: GFLD-SA5E-730-U-MR-VSR-XX

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	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0			
50		0.0	0.2	1.0	2.5	4.2	5.8	6.9	6.9	5.8	4.2	2.5	1.0	0.2	0.0				
40	0.1	0.2	1.2	4.0	7.7	11.9	16.6	19.5	19.5	16.6	11.9	7.7	4.0	1.2	0.2	0.1			
30		0.5	3.1	7.8	14.4	23.7	39.5	52.7	52.7	39.5	23.7	14.4	7.8	3.1	0.5				
20	0.3	1.2	4.9	12.0	22.8	55.3	173.8	318.8	318.8	173.8	55.3	22.8	12.0	4.9	1.2	0.3			
10		1.8	6.8	16.3	39.0	190.8	775.6	1518.7	1518.7	775.6	190.8	39.0	16.3	6.8	1.8				
0	0.5	2.3	8.3	19.4	55.9	363.6	1566.1	3069.6	3069.6	1566.1	363.6	55.9	19.4	8.3	2.3	0.5			
-10		2.7	9.0	20.5	59.7	380.9	1606.9	3254.9	3254.9	1606.9	380.9	59.7	20.5	9.0	2.7				
-20	0.7	2.8	9.2	19.9	49.1	233.9	888.6	1722.5	1722.5	888.6	233.9	49.1	19.9	9.2	2.8	0.7			
-30		2.7	8.7	18.2	36.0	90.8	275.2	491.0	491.0	275.2	90.8	36.0	18.2	8.7	2.7				
-40	0.7	2.4	7.8	15.8	27.3	44.8	73.2	97.9	97.9	73.2	44.8	27.3	15.8	7.8	2.4	0.7			
-50		2.0	6.5	13.1	21.6	30.9	40.7	45.6	45.6	40.7	30.9	21.6	13.1	6.5	2.0				
-60	0.4	1.5	4.9	10.2	16.9	23.5	29.3	31.9	31.9	29.3	23.5	16.9	10.2	4.9	1.5	0.4			
-70		1.0	3.0	6.7	11.3	16.0	20.0	22.2	22.2	20.0	16.0	11.3	6.7	3.0	1.0				
-80	0.1	2.4	10.8	23.4	29.5	23.4	10.8	2.4	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

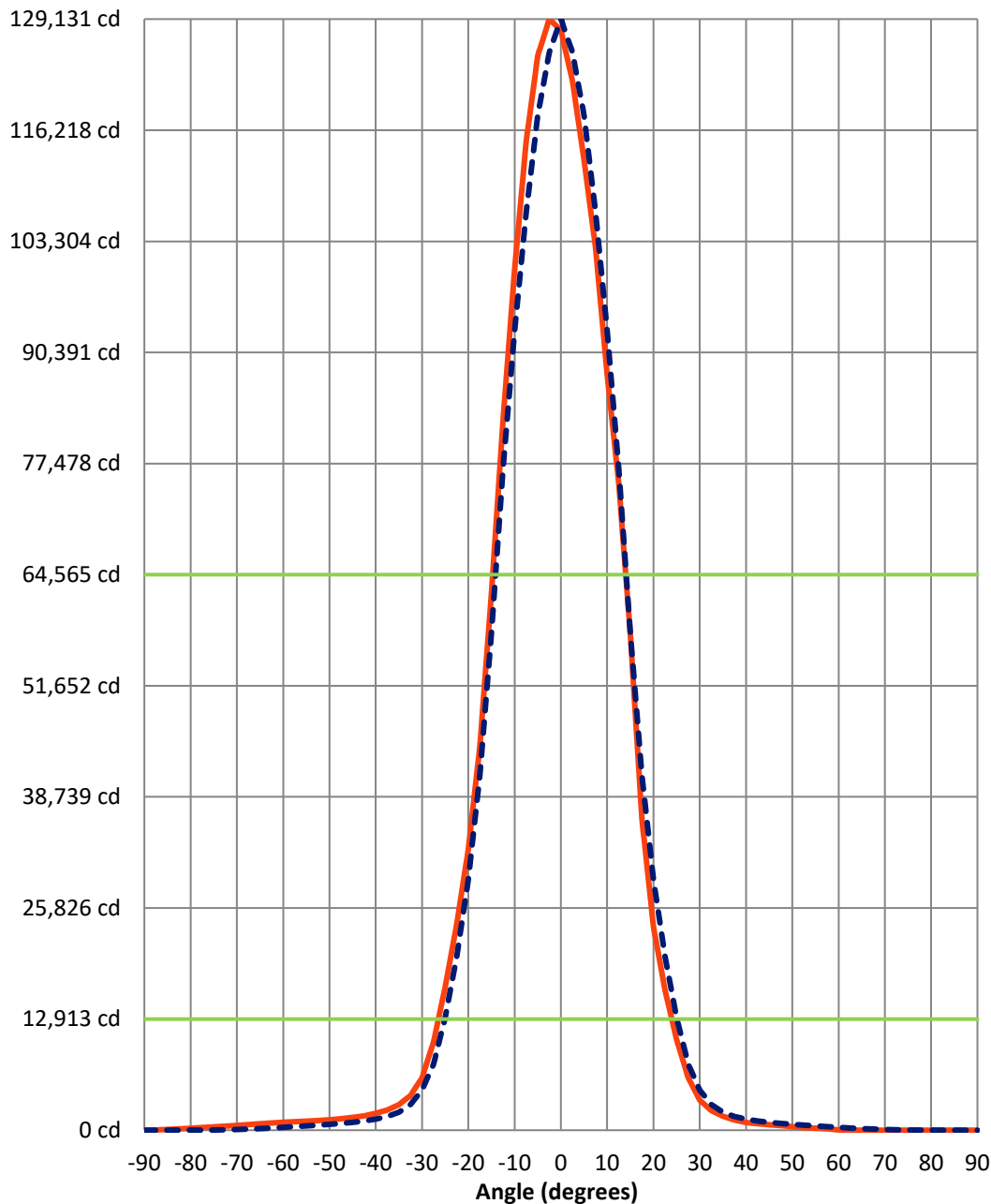
REPORT NUMBER: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-730-U-MR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-730-U-MR-VSR-XX

Luminous Intensity Plot



Beam:
H Angle: 28.2°
V Angle: 28.7°
Lumens: 18312.5
Efficiency: 50.0%

Field:
H Angle: 50.2°
V Angle: 50.4°
Lumens: 31467.1
Efficiency: 85.9%

Spill:
Lumens: 5157.2
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: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-730-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	2	2
57.5°	0	0	0	0	0	0	0	0	2	3	3
55°	0	0	0	0	0	0	1	0	4	5	3
52.5°	0	0	0	0	0	0	2	2	6	6	4
50°	0	0	0	0	0	1	2	4	8	6	5
47.5°	0	0	0	0	0	2	3	6	8	6	7
45°	0	0	0	0	0	3	4	8	8	7	8
42.5°	0	0	0	0	0	4	6	8	8	8	13
40°	0	0	0	0	0	5	6	8	8	8	19
37.5°	0	0	0	0	1	6	7	8	10	12	27
35°	0	0	0	0	2	6	8	8	12	20	35
32.5°	0	0	0	0	3	7	8	8	15	27	44
30°	0	0	0	0	4	7	8	9	18	34	54
27.5°	0	0	0	0	4	8	8	11	23	41	65
25°	0	0	0	0	5	8	8	14	29	49	76
22.5°	0	0	0	0	6	8	8	17	34	58	91
20°	0	0	0	0	6	8	8	20	40	67	105
17.5°	0	0	0	0	7	8	9	24	44	76	117
15°	0	0	0	0	7	8	9	27	49	85	129
12.5°	0	0	0	0	7	8	10	32	54	94	139
10°	0	0	0	0	8	8	12	36	58	103	148
7.5°	0	0	0	0	8	8	13	39	63	111	157
5°	0	0	0	0	8	8	14	43	67	118	166
2.5°	0	0	0	0	8	8	15	46	70	125	173
0°	0	0	0	0	8	8	16	49	73	130	179
-2.5°	0	0	0	1	8	9	20	50	80	135	184
-5°	0	0	0	1	8	10	23	51	87	138	188
-7.5°	0	0	0	2	8	11	25	51	92	141	191
-10°	0	0	0	2	8	11	28	51	97	144	194
-12.5°	0	0	0	2	8	12	30	52	99	146	198
-15°	0	0	0	3	8	13	31	52	100	148	202
-17.5°	0	0	0	3	8	13	32	54	99	149	204
-20°	0	0	0	3	7	13	33	57	97	148	203

Classified

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

Scaled Data Report



REPORT NUMBER: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-730-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	4	8	13	33	59	95	147	200
-25°	0	0	0	4	8	14	34	60	93	144	195
-27.5°	0	0	0	4	8	15	34	61	90	139	191
-30°	0	0	0	4	8	16	34	61	89	135	185
-32.5°	0	0	0	3	9	16	33	60	89	130	178
-35°	0	0	0	3	10	16	33	59	88	125	168
-37.5°	0	0	0	3	10	17	33	58	86	119	164
-40°	0	0	0	2	11	17	33	56	83	116	160
-42.5°	0	0	0	2	11	18	32	54	80	112	154
-45°	0	0	0	1	10	18	31	51	77	107	147
-47.5°	0	0	0	1	10	18	29	49	73	101	139
-50°	0	0	0	1	9	17	28	46	69	96	129
-52.5°	0	0	0	1	8	16	27	43	65	89	118
-55°	0	0	0	2	8	16	25	39	59	82	110
-57.5°	0	0	0	2	7	15	23	36	54	75	100
-60°	0	0	0	2	6	13	21	33	48	68	90
-62.5°	0	0	0	2	6	12	20	29	43	60	80
-65°	0	0	0	2	6	11	18	26	38	53	70
-67.5°	0	0	0	2	5	10	17	24	33	47	61
-70°	0	0	0	2	5	9	15	21	29	40	53
-72.5°	0	0	0	2	4	8	14	19	25	34	44
-75°	0	0	0	1	4	7	12	16	20	27	36
-77.5°	0	0	0	1	3	6	10	13	16	21	26
-80°	0	0	0	1	3	5	8	10	12	15	19
-82.5°	0	0	0	1	2	4	6	7	8	10	12
-85°	0	0	0	1	1	3	4	5	6	6	7
-87.5°	0	0	0	0	1	1	2	2	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-730-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	2	1	2	3
60°	1	0	1	2	2	4	5	7	7	8	17
57.5°	1	2	4	4	6	9	13	15	26	37	45
55°	2	5	6	7	12	19	26	41	54	71	86
52.5°	5	8	8	13	24	35	52	71	93	109	123
50°	8	9	11	26	41	59	84	111	130	145	168
47.5°	11	12	25	42	62	90	123	146	164	194	227
45°	15	23	40	62	90	128	157	178	210	244	279
42.5°	21	36	58	81	125	162	189	220	254	293	330
40°	32	49	78	114	159	194	229	264	299	344	384
37.5°	42	67	100	145	190	230	270	309	353	400	446
35°	51	86	126	174	220	268	312	357	411	463	516
32.5°	65	105	150	201	251	304	352	411	467	524	589
30°	83	126	173	227	280	336	398	463	519	583	652
27.5°	102	144	196	252	307	368	443	508	569	638	714
25°	119	164	219	275	335	405	485	552	616	692	782
22.5°	135	183	243	296	362	443	525	599	672	747	852
20°	151	205	266	324	389	478	564	648	732	828	945
17.5°	167	225	289	353	425	514	605	697	792	908	1054
15°	181	243	311	381	458	549	644	746	856	992	1159
12.5°	195	259	333	406	488	581	679	786	913	1076	1283
10°	207	274	353	430	513	609	710	820	957	1133	1376
7.5°	218	289	372	451	535	634	736	851	995	1181	1450
5°	228	303	386	466	553	654	757	876	1024	1219	1510
2.5°	237	315	398	478	566	666	771	892	1044	1255	1556
0°	244	325	406	488	577	675	780	902	1057	1285	1585
-2.5°	252	336	416	498	588	683	790	912	1071	1293	1593
-5°	258	344	423	506	596	689	794	916	1078	1295	1597
-7.5°	262	350	428	511	602	694	798	921	1082	1292	1595
-10°	265	354	433	516	607	698	799	919	1076	1279	1569
-12.5°	270	355	435	518	609	699	796	911	1061	1254	1518
-15°	273	355	435	517	607	698	789	897	1037	1222	1452
-17.5°	274	354	433	513	603	694	780	883	1014	1188	1407
-20°	274	352	429	505	595	686	772	872	994	1147	1344

Classified

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

Scaled Data Report



REPORT NUMBER: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-730-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°	272	350	423	498	585	673	761	855	967	1097	1273
-25°	268	345	417	491	572	657	745	832	939	1063	1213
-27.5°	261	339	410	482	559	639	725	811	908	1021	1151
-30°	251	329	400	471	546	622	701	787	874	979	1098
-32.5°	239	317	387	458	531	605	676	758	844	934	1041
-35°	229	303	373	440	515	585	653	725	808	893	983
-37.5°	222	288	357	422	492	562	626	694	769	851	933
-40°	213	272	341	404	467	537	601	661	729	809	887
-42.5°	203	261	323	385	446	509	574	632	695	769	843
-45°	195	249	306	366	426	482	543	604	666	731	800
-47.5°	184	236	291	344	403	460	513	572	635	696	758
-50°	172	221	272	322	376	434	489	539	597	658	718
-52.5°	159	205	251	298	348	403	459	511	561	613	671
-55°	143	186	230	274	319	369	423	475	527	575	625
-57.5°	129	165	207	250	291	334	385	435	485	534	583
-60°	116	146	183	223	264	304	347	394	441	487	532
-62.5°	102	129	160	194	233	273	312	353	396	435	475
-65°	90	112	138	168	200	235	272	312	350	382	413
-67.5°	77	96	117	142	170	199	228	263	298	328	356
-70°	67	80	98	118	140	164	191	218	245	271	298
-72.5°	56	68	80	94	113	135	156	177	200	223	246
-75°	45	55	65	77	91	107	125	145	163	181	200
-77.5°	35	43	52	60	71	83	97	113	128	143	158
-80°	25	32	39	47	54	62	71	81	92	104	116
-82.5°	17	22	28	33	38	42	47	53	61	70	78
-85°	9	12	16	20	22	24	27	30	35	40	45
-87.5°	5	6	8	9	10	10	11	12	13	16	18
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-730-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	2	2	1	0	0
62.5°	2	4	6	8	9	10	11	11	11	11	11
60°	21	20	31	37	36	28	40	46	44	38	37
57.5°	57	71	82	85	96	113	118	116	118	123	138
55°	100	111	119	135	152	168	180	188	198	208	220
52.5°	136	155	168	185	207	220	226	249	268	284	293
50°	193	213	234	257	278	297	314	336	363	391	408
47.5°	254	279	307	339	363	382	403	434	470	503	524
45°	310	339	374	405	432	458	490	528	565	598	624
42.5°	361	394	430	466	490	530	575	614	660	702	734
40°	419	451	504	541	574	616	681	738	793	845	877
37.5°	490	543	600	646	689	742	832	920	989	1058	1107
35°	573	637	709	758	823	923	1034	1155	1276	1373	1460
32.5°	652	724	796	876	974	1116	1256	1449	1629	1812	1985
30°	724	804	892	995	1154	1351	1578	1874	2196	2517	2883
27.5°	799	888	993	1155	1397	1665	2085	2551	3217	3753	4616
25°	881	981	1124	1383	1717	2189	2921	3754	5131	6307	7633
22.5°	981	1134	1336	1661	2219	3069	4207	6022	8136	10099	11972
20°	1103	1311	1657	2174	2974	4281	6440	9192	12132	15005	17784
17.5°	1264	1595	2089	2826	3959	6707	9919	13852	18886	22668	26253
15°	1412	1829	2577	3769	5903	9440	13929	19951	26729	32427	38874
12.5°	1586	2091	2992	4538	7589	12263	17986	25168	33189	41839	51936
10°	1739	2358	3518	5646	9347	14787	21200	29630	39933	52173	64934
7.5°	1856	2582	3958	6477	10828	16857	24507	34761	47809	62114	76668
5°	1947	2755	4303	7129	12088	18538	26921	38819	53692	70112	84584
2.5°	2018	2877	4532	7529	12939	19686	28571	40977	57292	75334	90529
0°	2073	2951	4659	7813	13334	20229	29335	41848	58980	77891	93518
-2.5°	2092	2990	4665	7715	13093	20196	29157	41314	57816	76876	92884
-5°	2100	2970	4547	7510	12667	19471	27989	39284	54261	72139	88362
-7.5°	2084	2891	4309	7007	11709	18193	26359	36273	48550	64312	81080
-10°	2028	2752	3986	6324	10390	16197	23821	32197	42005	54873	68461
-12.5°	1926	2545	3540	5302	8838	13938	20690	28095	35738	44194	55371
-15°	1805	2332	3176	4682	7400	11566	17033	23287	29630	36106	42924
-17.5°	1713	2148	2803	3854	5682	9050	13422	18448	23594	28737	33328
-20°	1596	1928	2439	3257	4584	6577	9865	13776	17621	21815	25334

Classified

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

Scaled Data Report



REPORT NUMBER: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-730-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°	1491	1773	2156	2671	3564	4967	6842	9594	12516	15562	18451
-25°	1392	1606	1909	2323	2856	3691	4929	6368	8419	10292	12438
-27.5°	1309	1488	1694	2000	2404	2861	3621	4461	5536	6430	7862
-30°	1229	1372	1542	1739	2035	2383	2791	3300	3826	4354	5040
-32.5°	1154	1274	1407	1566	1749	2010	2264	2590	2878	3195	3522
-35°	1080	1186	1297	1422	1564	1735	1926	2142	2333	2524	2696
-37.5°	1017	1106	1202	1301	1414	1534	1683	1836	1965	2089	2195
-40°	963	1037	1117	1200	1290	1387	1503	1615	1703	1783	1850
-42.5°	914	980	1042	1113	1188	1277	1367	1453	1512	1568	1612
-45°	868	925	982	1039	1101	1178	1256	1323	1370	1412	1444
-47.5°	818	870	921	974	1034	1095	1157	1207	1249	1285	1309
-50°	770	820	867	911	964	1019	1073	1115	1151	1183	1200
-52.5°	723	771	818	863	906	949	991	1032	1069	1101	1113
-55°	676	724	766	808	850	891	929	964	997	1028	1038
-57.5°	631	679	724	758	794	830	867	902	934	962	972
-60°	580	628	667	701	735	770	801	833	864	891	904
-62.5°	518	563	598	630	662	692	721	749	777	800	813
-65°	446	484	519	551	579	606	633	659	682	700	711
-67.5°	383	411	441	469	498	525	549	571	592	607	617
-70°	324	349	375	400	426	450	471	491	510	523	533
-72.5°	268	291	314	338	360	380	398	416	433	445	454
-75°	218	237	257	277	296	313	327	342	355	366	374
-77.5°	173	188	202	217	232	245	257	268	279	287	295
-80°	128	140	151	162	173	182	191	200	209	216	223
-82.5°	87	95	104	113	122	127	132	136	140	146	152
-85°	50	56	61	67	72	76	79	82	85	89	92
-87.5°	20	22	25	27	29	30	31	31	31	34	36
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-730-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	2
62.5°	10	8	8	8	8	8	10	11	11	11	11
60°	35	32	32	33	32	32	35	37	38	44	46
57.5°	152	162	169	171	169	162	152	138	123	118	116
55°	231	239	240	236	240	239	231	220	208	198	188
52.5°	298	299	297	293	297	299	298	293	284	268	249
50°	413	412	413	415	413	412	413	408	391	363	336
47.5°	532	538	540	537	540	538	532	524	503	470	434
45°	635	643	646	642	646	643	635	624	598	565	528
42.5°	746	752	754	756	754	752	746	734	702	660	614
40°	893	898	897	894	897	898	893	877	845	793	738
37.5°	1141	1158	1166	1187	1166	1158	1141	1107	1058	989	920
35°	1527	1569	1591	1626	1591	1569	1527	1460	1373	1276	1155
32.5°	2110	2195	2240	2285	2240	2195	2110	1985	1812	1629	1449
30°	3136	3304	3371	3496	3371	3304	3136	2883	2517	2196	1874
27.5°	5249	5647	5803	6131	5803	5647	5249	4616	3753	3217	2551
25°	8842	9699	10172	10545	10172	9699	8842	7633	6307	5131	3754
22.5°	13862	15119	15790	16286	15790	15119	13862	11972	10099	8136	6022
20°	20303	21961	22950	23668	22950	21961	20303	17784	15005	12132	9192
17.5°	30856	33462	34986	36295	34986	33462	30856	26253	22668	18886	13852
15°	46066	51302	55371	57638	55371	51302	46066	38874	32427	26729	19951
12.5°	60862	68531	73088	75184	73088	68531	60862	51936	41839	33189	25168
10°	75494	82726	87061	87827	87061	82726	75494	64934	52173	39933	29630
7.5°	86696	94649	100410	102503	100410	94649	86696	76668	62114	47809	34761
5°	96590	105903	111999	112772	111999	105903	96590	84584	70112	53692	38819
2.5°	103868	113992	119903	121935	119903	113992	103868	90529	75334	57292	40977
0°	107389	118292	124870	127830	124870	118292	107389	93518	77891	58980	41848
-2.5°	106649	117926	125267	129131	125267	117926	106649	92884	76876	57816	41314
-5°	102594	113903	120749	124854	120749	113903	102594	88362	72139	54261	39284
-7.5°	93242	103819	111106	114894	111106	103819	93242	81080	64312	48550	36273
-10°	81193	90144	96787	100015	96787	90144	81193	68461	54873	42005	32197
-12.5°	65535	74218	80210	82493	80210	74218	65535	55371	44194	35738	28095
-15°	50212	56838	61096	62443	61096	56838	50212	42924	36106	29630	23287
-17.5°	38078	41646	44041	44686	44041	41646	38078	33328	28737	23594	18448
-20°	28528	30739	32293	32661	32293	30739	28528	25334	21815	17621	13776

Classified

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

Scaled Data Report



REPORT NUMBER: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-730-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°	20786	22448	23703	23953	23703	22448	20786	18451	15562	12516	9594
-25°	14338	15728	16579	16643	16579	15728	14338	12438	10292	8419	6368
-27.5°	8989	9752	10146	10285	10146	9752	8989	7862	6430	5536	4461
-30°	5555	5907	6092	6098	6092	5907	5555	5040	4354	3826	3300
-32.5°	3771	3941	4033	4033	4033	3941	3771	3522	3195	2878	2590
-35°	2825	2913	2962	2968	2962	2913	2825	2696	2524	2333	2142
-37.5°	2271	2320	2345	2350	2345	2320	2271	2195	2089	1965	1836
-40°	1899	1933	1954	1968	1954	1933	1899	1850	1783	1703	1615
-42.5°	1643	1665	1674	1667	1674	1665	1643	1612	1568	1512	1453
-45°	1463	1476	1485	1488	1485	1476	1463	1444	1412	1370	1323
-47.5°	1321	1327	1331	1333	1331	1327	1321	1309	1285	1249	1207
-50°	1208	1214	1215	1212	1215	1214	1208	1200	1183	1151	1115
-52.5°	1118	1119	1121	1122	1121	1119	1118	1113	1101	1069	1032
-55°	1044	1046	1048	1049	1048	1046	1044	1038	1028	997	964
-57.5°	981	988	988	984	988	988	981	972	962	934	902
-60°	914	922	926	927	926	922	914	904	891	864	833
-62.5°	824	832	836	838	836	832	824	813	800	777	749
-65°	720	727	738	748	738	727	720	711	700	682	659
-67.5°	625	631	641	650	641	631	625	617	607	592	571
-70°	542	550	552	553	552	550	542	533	523	510	491
-72.5°	462	469	471	472	471	469	462	454	445	433	416
-75°	382	388	390	390	390	388	382	374	366	355	342
-77.5°	301	307	309	309	309	307	301	295	287	279	268
-80°	229	235	232	228	232	235	229	223	216	209	200
-82.5°	157	162	158	155	158	162	157	152	146	140	136
-85°	95	97	93	89	93	97	95	92	89	85	82
-87.5°	38	41	37	33	37	41	38	36	34	31	31
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-730-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°	11	10	9	8	6	4	2	3	2	1	2
60°	40	28	36	37	31	20	21	17	8	7	7
57.5°	118	113	96	85	82	71	57	45	37	26	15
55°	180	168	152	135	119	111	100	86	71	54	41
52.5°	226	220	207	185	168	155	136	123	109	93	71
50°	314	297	278	257	234	213	193	168	145	130	111
47.5°	403	382	363	339	307	279	254	227	194	164	146
45°	490	458	432	405	374	339	310	279	244	210	178
42.5°	575	530	490	466	430	394	361	330	293	254	220
40°	681	616	574	541	504	451	419	384	344	299	264
37.5°	832	742	689	646	600	543	490	446	400	353	309
35°	1034	923	823	758	709	637	573	516	463	411	357
32.5°	1256	1116	974	876	796	724	652	589	524	467	411
30°	1578	1351	1154	995	892	804	724	652	583	519	463
27.5°	2085	1665	1397	1155	993	888	799	714	638	569	508
25°	2921	2189	1717	1383	1124	981	881	782	692	616	552
22.5°	4207	3069	2219	1661	1336	1134	981	852	747	672	599
20°	6440	4281	2974	2174	1657	1311	1103	945	828	732	648
17.5°	9919	6707	3959	2826	2089	1595	1264	1054	908	792	697
15°	13929	9440	5903	3769	2577	1829	1412	1159	992	856	746
12.5°	17986	12263	7589	4538	2992	2091	1586	1283	1076	913	786
10°	21200	14787	9347	5646	3518	2358	1739	1376	1133	957	820
7.5°	24507	16857	10828	6477	3958	2582	1856	1450	1181	995	851
5°	26921	18538	12088	7129	4303	2755	1947	1510	1219	1024	876
2.5°	28571	19686	12939	7529	4532	2877	2018	1556	1255	1044	892
0°	29335	20229	13334	7813	4659	2951	2073	1585	1285	1057	902
-2.5°	29157	20196	13093	7715	4665	2990	2092	1593	1293	1071	912
-5°	27989	19471	12667	7510	4547	2970	2100	1597	1295	1078	916
-7.5°	26359	18193	11709	7007	4309	2891	2084	1595	1292	1082	921
-10°	23821	16197	10390	6324	3986	2752	2028	1569	1279	1076	919
-12.5°	20690	13938	8838	5302	3540	2545	1926	1518	1254	1061	911
-15°	17033	11566	7400	4682	3176	2332	1805	1452	1222	1037	897
-17.5°	13422	9050	5682	3854	2803	2148	1713	1407	1188	1014	883
-20°	9865	6577	4584	3257	2439	1928	1596	1344	1147	994	872

Classified

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

Scaled Data Report



REPORT NUMBER: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-730-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°	6842	4967	3564	2671	2156	1773	1491	1273	1097	967	855
-25°	4929	3691	2856	2323	1909	1606	1392	1213	1063	939	832
-27.5°	3621	2861	2404	2000	1694	1488	1309	1151	1021	908	811
-30°	2791	2383	2035	1739	1542	1372	1229	1098	979	874	787
-32.5°	2264	2010	1749	1566	1407	1274	1154	1041	934	844	758
-35°	1926	1735	1564	1422	1297	1186	1080	983	893	808	725
-37.5°	1683	1534	1414	1301	1202	1106	1017	933	851	769	694
-40°	1503	1387	1290	1200	1117	1037	963	887	809	729	661
-42.5°	1367	1277	1188	1113	1042	980	914	843	769	695	632
-45°	1256	1178	1101	1039	982	925	868	800	731	666	604
-47.5°	1157	1095	1034	974	921	870	818	758	696	635	572
-50°	1073	1019	964	911	867	820	770	718	658	597	539
-52.5°	991	949	906	863	818	771	723	671	613	561	511
-55°	929	891	850	808	766	724	676	625	575	527	475
-57.5°	867	830	794	758	724	679	631	583	534	485	435
-60°	801	770	735	701	667	628	580	532	487	441	394
-62.5°	721	692	662	630	598	563	518	475	435	396	353
-65°	633	606	579	551	519	484	446	413	382	350	312
-67.5°	549	525	498	469	441	411	383	356	328	298	263
-70°	471	450	426	400	375	349	324	298	271	245	218
-72.5°	398	380	360	338	314	291	268	246	223	200	177
-75°	327	313	296	277	257	237	218	200	181	163	145
-77.5°	257	245	232	217	202	188	173	158	143	128	113
-80°	191	182	173	162	151	140	128	116	104	92	81
-82.5°	132	127	122	113	104	95	87	78	70	61	53
-85°	79	76	72	67	61	56	50	45	40	35	30
-87.5°	31	30	29	27	25	22	20	18	16	13	12
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-730-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°	5	4	2	2	1	0	1	2	2	0	0
57.5°	13	9	6	4	4	2	1	3	3	2	0
55°	26	19	12	7	6	5	2	3	5	4	0
52.5°	52	35	24	13	8	8	5	4	6	6	2
50°	84	59	41	26	11	9	8	5	6	8	4
47.5°	123	90	62	42	25	12	11	7	6	8	6
45°	157	128	90	62	40	23	15	8	7	8	8
42.5°	189	162	125	81	58	36	21	13	8	8	8
40°	229	194	159	114	78	49	32	19	8	8	8
37.5°	270	230	190	145	100	67	42	27	12	10	8
35°	312	268	220	174	126	86	51	35	20	12	8
32.5°	352	304	251	201	150	105	65	44	27	15	8
30°	398	336	280	227	173	126	83	54	34	18	9
27.5°	443	368	307	252	196	144	102	65	41	23	11
25°	485	405	335	275	219	164	119	76	49	29	14
22.5°	525	443	362	296	243	183	135	91	58	34	17
20°	564	478	389	324	266	205	151	105	67	40	20
17.5°	605	514	425	353	289	225	167	117	76	44	24
15°	644	549	458	381	311	243	181	129	85	49	27
12.5°	679	581	488	406	333	259	195	139	94	54	32
10°	710	609	513	430	353	274	207	148	103	58	36
7.5°	736	634	535	451	372	289	218	157	111	63	39
5°	757	654	553	466	386	303	228	166	118	67	43
2.5°	771	666	566	478	398	315	237	173	125	70	46
0°	780	675	577	488	406	325	244	179	130	73	49
-2.5°	790	683	588	498	416	336	252	184	135	80	50
-5°	794	689	596	506	423	344	258	188	138	87	51
-7.5°	798	694	602	511	428	350	262	191	141	92	51
-10°	799	698	607	516	433	354	265	194	144	97	51
-12.5°	796	699	609	518	435	355	270	198	146	99	52
-15°	789	698	607	517	435	355	273	202	148	100	52
-17.5°	780	694	603	513	433	354	274	204	149	99	54
-20°	772	686	595	505	429	352	274	203	148	97	57

Classified

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

Scaled Data Report



REPORT NUMBER: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-730-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°	761	673	585	498	423	350	272	200	147	95	59
-25°	745	657	572	491	417	345	268	195	144	93	60
-27.5°	725	639	559	482	410	339	261	191	139	90	61
-30°	701	622	546	471	400	329	251	185	135	89	61
-32.5°	676	605	531	458	387	317	239	178	130	89	60
-35°	653	585	515	440	373	303	229	168	125	88	59
-37.5°	626	562	492	422	357	288	222	164	119	86	58
-40°	601	537	467	404	341	272	213	160	116	83	56
-42.5°	574	509	446	385	323	261	203	154	112	80	54
-45°	543	482	426	366	306	249	195	147	107	77	51
-47.5°	513	460	403	344	291	236	184	139	101	73	49
-50°	489	434	376	322	272	221	172	129	96	69	46
-52.5°	459	403	348	298	251	205	159	118	89	65	43
-55°	423	369	319	274	230	186	143	110	82	59	39
-57.5°	385	334	291	250	207	165	129	100	75	54	36
-60°	347	304	264	223	183	146	116	90	68	48	33
-62.5°	312	273	233	194	160	129	102	80	60	43	29
-65°	272	235	200	168	138	112	90	70	53	38	26
-67.5°	228	199	170	142	117	96	77	61	47	33	24
-70°	191	164	140	118	98	80	67	53	40	29	21
-72.5°	156	135	113	94	80	68	56	44	34	25	19
-75°	125	107	91	77	65	55	45	36	27	20	16
-77.5°	97	83	71	60	52	43	35	26	21	16	13
-80°	71	62	54	47	39	32	25	19	15	12	10
-82.5°	47	42	38	33	28	22	17	12	10	8	7
-85°	27	24	22	20	16	12	9	7	6	6	5
-87.5°	11	10	10	9	8	6	5	3	3	3	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: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-730-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°	2	0	0	0	0	0	0
50°	2	1	0	0	0	0	0
47.5°	3	2	0	0	0	0	0
45°	4	3	0	0	0	0	0
42.5°	6	4	0	0	0	0	0
40°	6	5	0	0	0	0	0
37.5°	7	6	1	0	0	0	0
35°	8	6	2	0	0	0	0
32.5°	8	7	3	0	0	0	0
30°	8	7	4	0	0	0	0
27.5°	8	8	4	0	0	0	0
25°	8	8	5	0	0	0	0
22.5°	8	8	6	0	0	0	0
20°	8	8	6	0	0	0	0
17.5°	9	8	7	0	0	0	0
15°	9	8	7	0	0	0	0
12.5°	10	8	7	0	0	0	0
10°	12	8	8	0	0	0	0
7.5°	13	8	8	0	0	0	0
5°	14	8	8	0	0	0	0
2.5°	15	8	8	0	0	0	0
0°	16	8	8	0	0	0	0
-2.5°	20	9	8	1	0	0	0
-5°	23	10	8	1	0	0	0
-7.5°	25	11	8	2	0	0	0
-10°	28	11	8	2	0	0	0
-12.5°	30	12	8	2	0	0	0
-15°	31	13	8	3	0	0	0
-17.5°	32	13	8	3	0	0	0
-20°	33	13	7	3	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627744 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-730-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	33	13	8	4	0	0	0
-25°	34	14	8	4	0	0	0
-27.5°	34	15	8	4	0	0	0
-30°	34	16	8	4	0	0	0
-32.5°	33	16	9	3	0	0	0
-35°	33	16	10	3	0	0	0
-37.5°	33	17	10	3	0	0	0
-40°	33	17	11	2	0	0	0
-42.5°	32	18	11	2	0	0	0
-45°	31	18	10	1	0	0	0
-47.5°	29	18	10	1	0	0	0
-50°	28	17	9	1	0	0	0
-52.5°	27	16	8	1	0	0	0
-55°	25	16	8	2	0	0	0
-57.5°	23	15	7	2	0	0	0
-60°	21	13	6	2	0	0	0
-62.5°	20	12	6	2	0	0	0
-65°	18	11	6	2	0	0	0
-67.5°	17	10	5	2	0	0	0
-70°	15	9	5	2	0	0	0
-72.5°	14	8	4	2	0	0	0
-75°	12	7	4	1	0	0	0
-77.5°	10	6	3	1	0	0	0
-80°	8	5	3	1	0	0	0
-82.5°	6	4	2	1	0	0	0
-85°	4	3	1	1	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)