

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: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627464 (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-SA4D-740-U-MR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29591.1 lumens
Efficiency: N/A
Efficacy: 133.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 104333 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 14795.9 lumens
Beam Efficiency: 50.0%

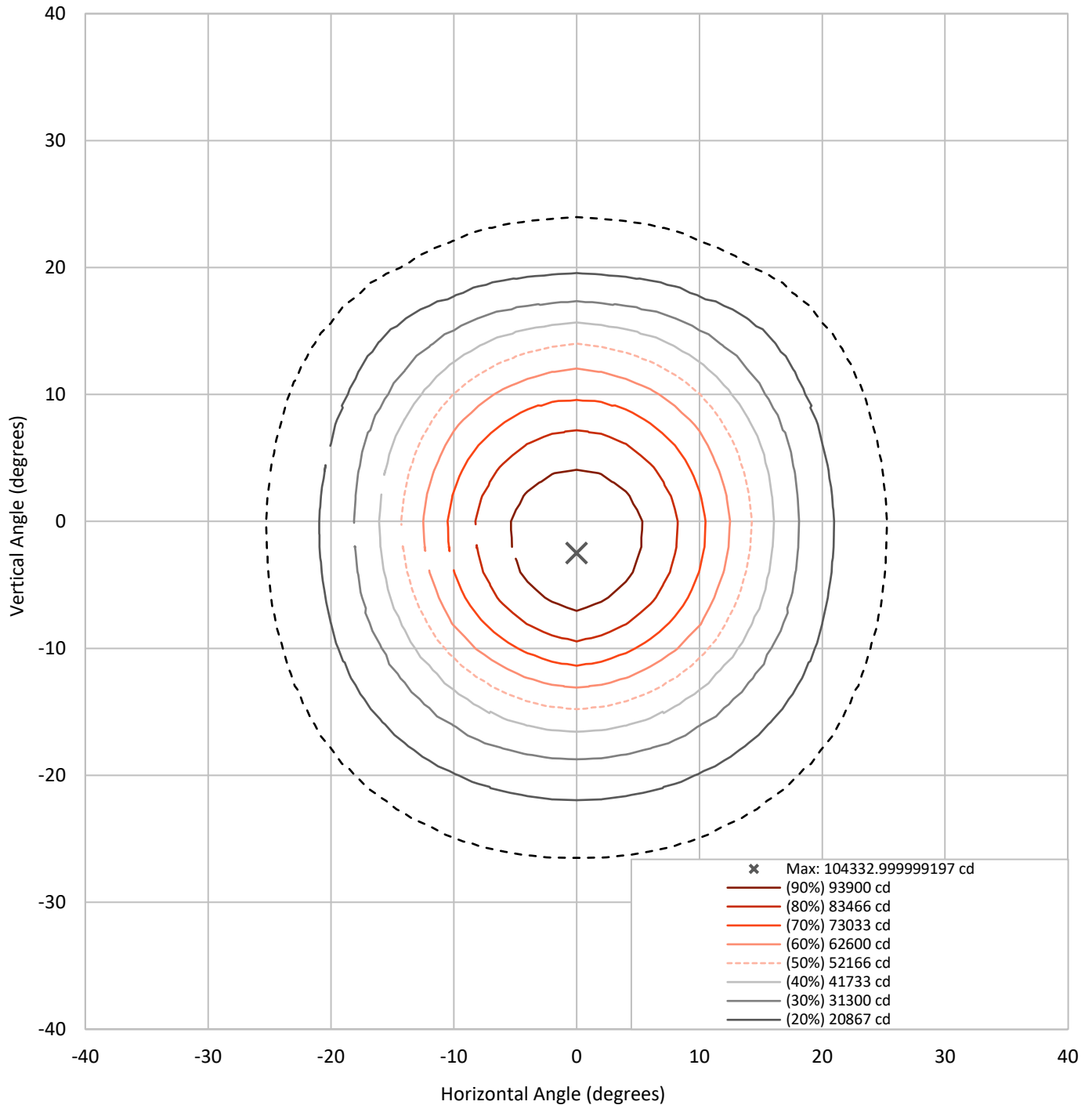
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 25424.3 lumens
Field Efficiency: 85.9%

Input Watts (W): 221.4
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: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-740-U-MR-VSR-XX

Iso-Candela Plot





REPORT NUMBER: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-740-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					
70	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			
60		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				
50	0.1	0.1	1.0	3.2	6.2	9.6	13.4	15.8	15.8	13.4	9.6	6.2	3.2	1.0	0.1	0.1			
40		0.4	2.5	6.3	11.6	19.1	31.9	42.6	42.6	31.9	19.1	11.6	6.3	2.5	0.4				
30	0.2	0.9	4.0	9.7	18.4	44.7	140.4	257.6	257.6	140.4	44.7	18.4	9.7	4.0	0.9	0.2			
20		1.5	5.5	13.1	31.5	154.1	626.7	1227.0	1227.0	626.7	154.1	31.5	13.1	5.5	1.5				
10	0.4	1.9	6.7	15.7	45.2	293.7	1265.3	2480.1	2480.1	1265.3	293.7	45.2	15.7	6.7	1.9	0.4			
0		2.1	7.3	16.5	48.3	307.7	1298.3	2629.9	2629.9	1298.3	307.7	48.3	16.5	7.3	2.1				
-10	0.6	2.3	7.4	16.1	39.7	189.0	718.0	1391.7	1391.7	718.0	189.0	39.7	16.1	7.4	2.3	0.6			
-20		2.2	7.1	14.7	29.1	73.4	222.3	396.7	396.7	222.3	73.4	29.1	14.7	7.1	2.2				
-30	0.5	1.9	6.3	12.8	22.1	36.2	59.1	79.1	79.1	59.1	36.2	22.1	12.8	6.3	1.9	0.5			
-40		1.6	5.2	10.6	17.4	24.9	32.9	36.9	36.9	32.9	24.9	17.4	10.6	5.2	1.6				
-50	0.3	1.2	3.9	8.2	13.6	19.0	23.7	25.8	25.8	23.7	19.0	13.6	8.2	3.9	1.2	0.3			
-60		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				
-70	0.1	1.9		8.8		18.9		23.9		18.9		8.8		1.9		0.1			
-80		1.9		8.8		18.9		23.9		18.9		8.8		1.9					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

Classified

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

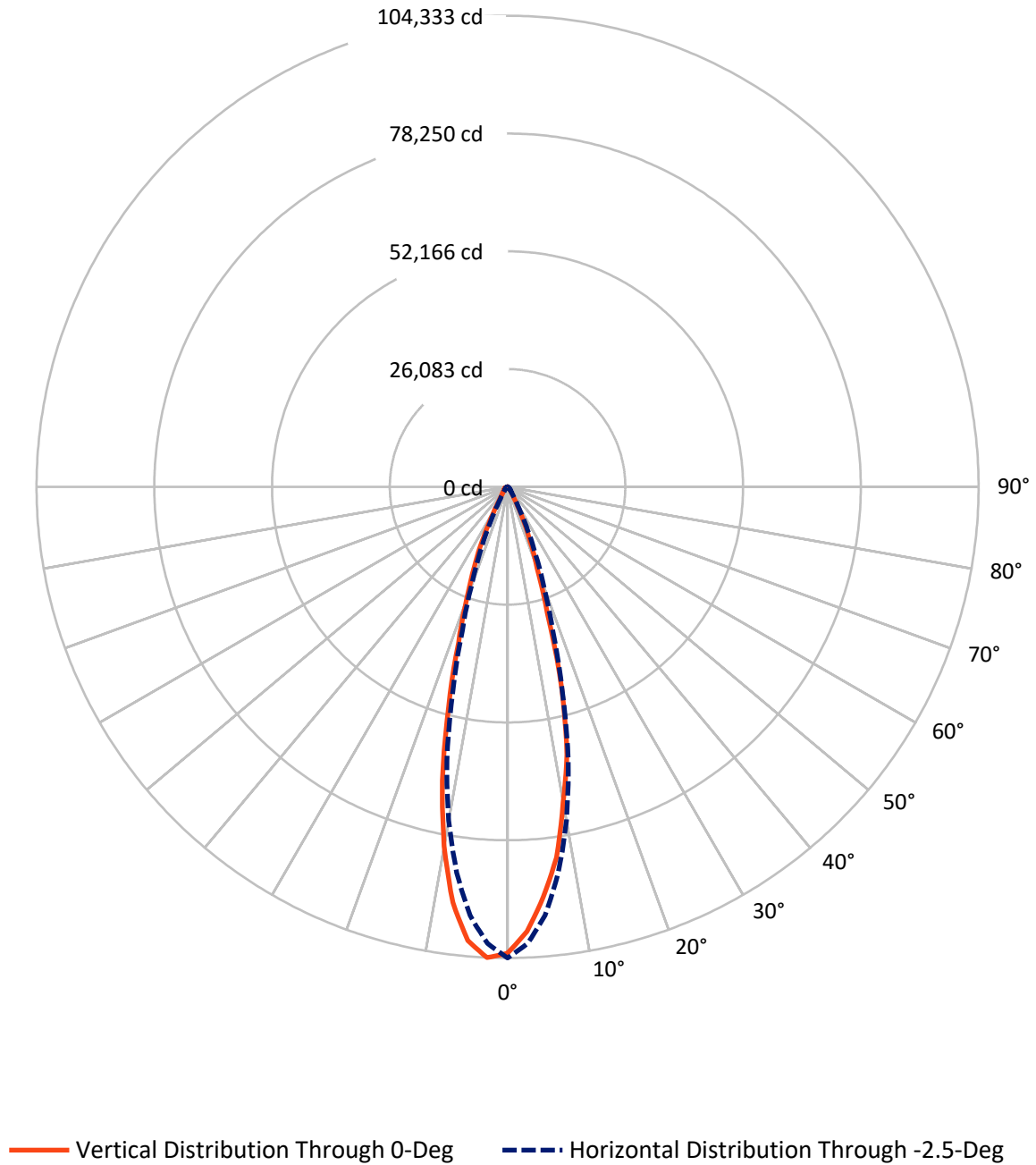
Scaled Data Report



REPORT NUMBER: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)

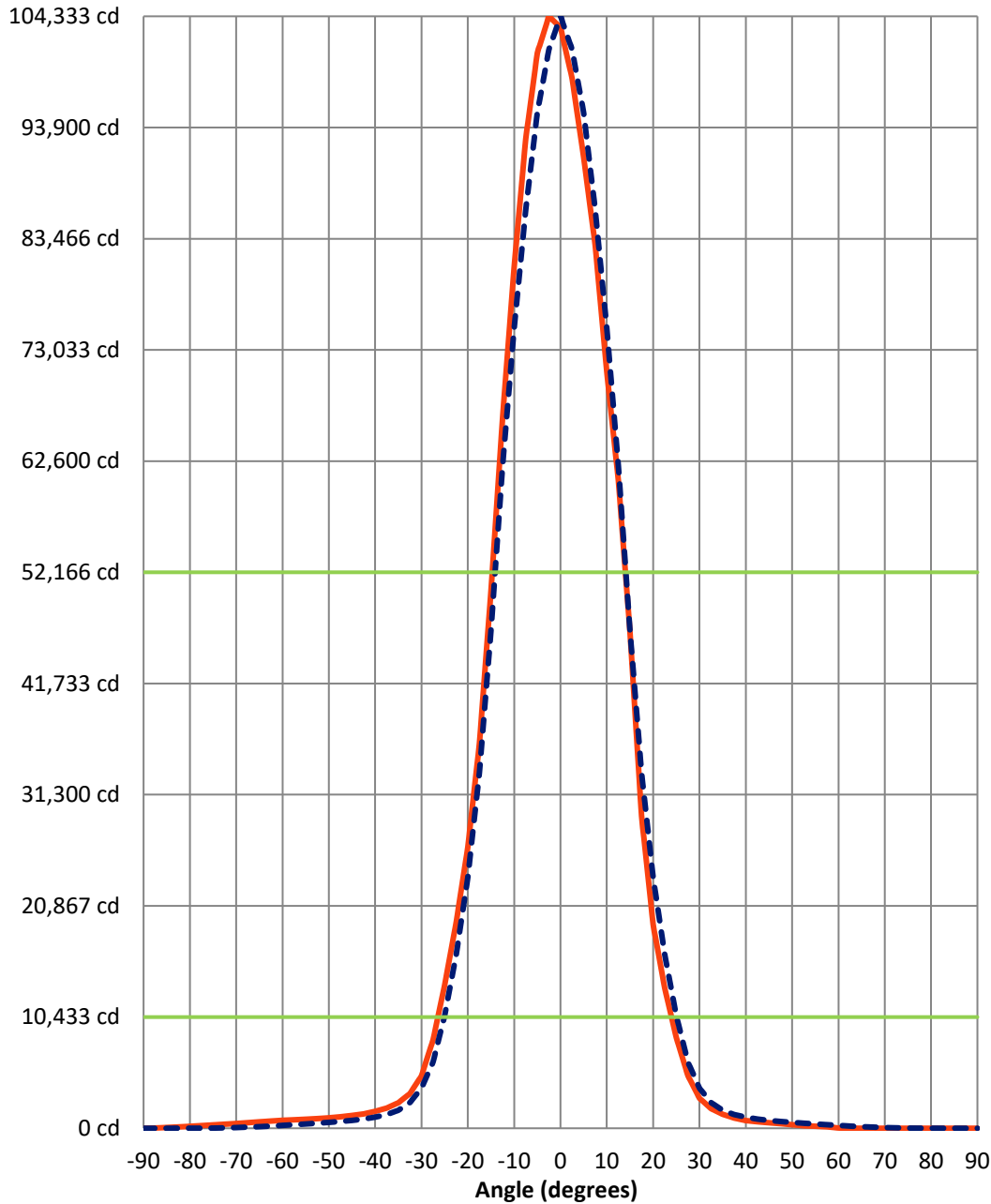
CATALOG NUMBER: GFLD-SA4D-740-U-MR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-740-U-MR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 14795.9
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 25424.3
 Efficiency: 85.9%

Spill:
 Lumens: 4166.9
 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: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-740-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	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	73
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	144
-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	156
-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	164
-20°	0	0	0	3	6	11	26	46	79	120	164

Classified

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

Scaled Data Report



REPORT NUMBER: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-740-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	10	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	143
-35°	0	0	0	3	8	13	27	48	71	101	136
-37.5°	0	0	0	2	8	13	27	47	69	96	133
-40°	0	0	0	2	9	14	26	45	67	93	129
-42.5°	0	0	0	1	9	14	26	43	65	90	124
-45°	0	0	0	1	8	14	25	42	62	86	118
-47.5°	0	0	0	1	8	14	23	40	59	81	112
-50°	0	0	0	1	7	14	22	37	56	77	104
-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	38	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	56
-67.5°	0	0	0	1	4	8	13	19	27	38	49
-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	10	13	17	21
-80°	0	0	0	1	2	4	7	8	10	12	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: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-740-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	57	69
52.5°	4	7	6	10	19	29	42	58	75	88	99
50°	6	8	9	21	33	48	68	89	105	117	136
47.5°	9	10	20	34	50	73	100	118	132	156	183
45°	12	19	32	50	72	103	127	144	169	197	225
42.5°	17	29	47	66	101	131	153	178	205	237	267
40°	26	39	63	92	128	157	185	213	242	278	310
37.5°	34	54	81	118	154	186	218	250	285	323	361
35°	42	70	102	140	178	217	252	289	332	374	417
32.5°	53	85	122	162	203	245	285	332	377	423	476
30°	67	102	140	184	226	272	322	374	419	471	527
27.5°	82	117	159	204	248	297	358	411	459	515	577
25°	96	133	177	222	271	327	392	446	497	559	632
22.5°	109	148	197	239	292	358	424	484	543	604	689
20°	122	165	215	262	314	386	456	524	592	669	764
17.5°	135	181	234	285	343	415	488	563	640	734	852
15°	146	196	252	308	370	443	520	603	692	802	936
12.5°	157	210	269	328	394	469	549	635	737	869	1037
10°	167	222	286	347	415	492	574	663	774	916	1112
7.5°	176	233	301	364	432	512	595	687	804	954	1172
5°	184	245	312	376	446	528	612	707	828	985	1220
2.5°	191	254	321	386	458	538	623	720	844	1014	1257
0°	197	263	328	394	466	545	631	729	854	1038	1281
-2.5°	203	271	336	402	475	552	638	737	865	1045	1287
-5°	208	278	342	408	482	556	642	740	871	1046	1290
-7.5°	212	283	346	413	487	561	645	744	874	1044	1289
-10°	214	286	349	417	490	564	645	742	869	1033	1268
-12.5°	218	287	351	418	492	565	643	736	857	1013	1227
-15°	221	287	351	418	491	564	638	725	838	987	1173
-17.5°	222	286	350	414	487	561	630	714	820	959	1137
-20°	221	285	346	408	481	555	624	705	803	927	1086

Classified

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

Scaled Data Report



REPORT NUMBER: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-740-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	282	342	402	472	544	615	690	782	886	1029
-25°	216	279	337	397	462	531	602	672	759	859	980
-27.5°	211	274	331	390	451	516	586	655	734	825	930
-30°	203	266	323	381	441	503	566	635	706	791	887
-32.5°	193	256	313	370	429	489	546	612	682	754	841
-35°	185	245	301	356	416	473	527	586	653	722	794
-37.5°	179	233	289	341	398	454	506	561	621	688	754
-40°	172	220	275	326	377	434	485	534	589	654	717
-42.5°	164	211	261	311	360	411	464	511	562	621	681
-45°	157	201	247	296	344	390	439	488	538	590	647
-47.5°	149	190	235	278	325	372	414	462	513	562	612
-50°	139	179	219	260	304	351	395	436	482	532	580
-52.5°	128	166	203	240	282	326	371	413	453	495	542
-55°	115	150	186	221	257	298	341	384	426	464	505
-57.5°	104	134	167	202	235	270	311	352	392	431	471
-60°	94	118	147	180	214	246	280	318	356	393	430
-62.5°	83	104	129	157	188	220	252	285	320	352	384
-65°	73	90	112	136	162	190	220	252	283	309	334
-67.5°	62	78	95	114	137	161	185	212	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	161	180	199
-75°	37	44	53	62	73	87	101	117	132	146	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: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-740-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	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	35	30	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	135	149	167	177	182	201	217	229	237
50°	156	172	189	208	225	240	253	272	293	316	330
47.5°	205	225	248	274	293	309	325	350	380	407	423
45°	251	274	302	327	349	370	396	426	456	483	504
42.5°	291	318	347	376	396	429	464	496	533	567	593
40°	339	364	407	437	463	498	550	596	641	682	709
37.5°	396	439	485	522	557	600	672	743	799	855	895
35°	463	515	573	613	665	746	836	933	1031	1110	1180
32.5°	527	585	643	708	787	902	1014	1171	1316	1464	1604
30°	585	650	721	804	932	1092	1275	1514	1774	2033	2329
27.5°	646	717	802	933	1129	1346	1684	2061	2599	3032	3729
25°	712	793	908	1118	1388	1769	2360	3033	4146	5096	6167
22.5°	792	916	1080	1342	1793	2479	3399	4865	6574	8160	9673
20°	891	1059	1338	1757	2403	3459	5203	7427	9802	12124	14369
17.5°	1022	1288	1688	2283	3199	5419	8014	11192	15259	18315	21212
15°	1141	1478	2082	3045	4770	7627	11254	16120	21596	26200	31409
12.5°	1282	1689	2417	3667	6132	9908	14532	20335	26816	33805	41963
10°	1405	1905	2843	4562	7552	11947	17129	23940	32264	42154	52465
7.5°	1500	2086	3198	5233	8748	13620	19801	28085	38628	50186	61945
5°	1573	2226	3477	5760	9766	14978	21751	31365	43382	56648	68341
2.5°	1631	2324	3662	6084	10454	15905	23085	33108	46290	60867	73144
0°	1675	2385	3764	6313	10774	16344	23702	33812	47653	62933	75560
-2.5°	1691	2416	3769	6233	10579	16318	23558	33380	46713	62113	75047
-5°	1696	2400	3674	6068	10235	15732	22614	31740	43841	58286	71394
-7.5°	1684	2336	3481	5661	9461	14699	21297	29308	39226	51962	65509
-10°	1638	2224	3220	5110	8395	13087	19246	26014	33938	44335	55314
-12.5°	1556	2056	2860	4284	7141	11262	16717	22700	28875	35707	44738
-15°	1458	1885	2566	3783	5979	9345	13762	18815	23940	29173	34681
-17.5°	1384	1736	2265	3114	4591	7312	10844	14905	19063	23218	26928
-20°	1289	1558	1971	2631	3704	5314	7971	11130	14237	17625	20469

Classified

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

Scaled Data Report



REPORT NUMBER: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-740-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°	1205	1433	1742	2158	2880	4013	5528	7752	10113	12573	14908
-25°	1125	1297	1543	1877	2308	2982	3982	5145	6802	8316	10049
-27.5°	1057	1202	1369	1616	1942	2312	2926	3604	4473	5195	6352
-30°	993	1108	1246	1405	1644	1925	2255	2666	3091	3518	4072
-32.5°	932	1029	1137	1265	1413	1624	1829	2093	2326	2582	2846
-35°	873	959	1048	1149	1263	1402	1556	1730	1885	2039	2178
-37.5°	822	893	971	1051	1143	1239	1360	1483	1587	1688	1774
-40°	778	838	903	970	1043	1121	1215	1305	1376	1441	1495
-42.5°	739	792	842	899	960	1031	1104	1174	1222	1267	1303
-45°	702	747	793	840	890	952	1015	1069	1107	1140	1167
-47.5°	661	703	744	787	835	885	935	975	1009	1038	1058
-50°	622	663	701	736	779	823	867	901	930	956	969
-52.5°	584	623	661	697	732	767	801	834	863	890	899
-55°	547	585	619	653	687	720	751	779	806	831	839
-57.5°	510	549	585	613	641	671	701	728	754	777	785
-60°	468	508	539	566	594	622	647	673	698	720	730
-62.5°	419	455	483	509	535	559	582	606	628	647	657
-65°	360	391	419	445	468	490	512	532	551	566	575
-67.5°	310	332	356	379	402	424	443	462	479	491	499
-70°	262	282	303	324	344	363	380	397	412	423	431
-72.5°	217	235	254	273	291	307	322	336	350	359	367
-75°	176	191	208	223	239	253	264	276	287	295	302
-77.5°	140	152	163	175	187	198	208	217	226	232	238
-80°	104	113	122	131	140	147	154	162	169	175	180
-82.5°	70	77	84	91	98	103	106	110	113	118	122
-85°	41	45	49	54	58	61	64	66	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: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-740-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	30	35	37
57.5°	122	131	136	138	136	131	122	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	333	335	333	333	334	330	316	293	272
47.5°	430	434	436	434	436	434	430	423	407	380	350
45°	513	520	522	519	522	520	513	504	483	456	426
42.5°	603	607	609	611	609	607	603	593	567	533	496
40°	721	726	725	723	725	726	721	709	682	641	596
37.5°	922	936	942	959	942	936	922	895	855	799	743
35°	1234	1268	1286	1314	1286	1268	1234	1180	1110	1031	933
32.5°	1704	1773	1809	1846	1809	1773	1704	1604	1464	1316	1171
30°	2534	2669	2724	2825	2724	2669	2534	2329	2033	1774	1514
27.5°	4241	4562	4689	4953	4689	4562	4241	3729	3032	2599	2061
25°	7144	7836	8218	8520	8218	7836	7144	6167	5096	4146	3033
22.5°	11200	12215	12758	13158	12758	12215	11200	9673	8160	6574	4865
20°	16404	17744	18543	19123	18543	17744	16404	14369	12124	9802	7427
17.5°	24931	27036	28267	29325	28267	27036	24931	21212	18315	15259	11192
15°	37219	41450	44738	46570	44738	41450	37219	31409	26200	21596	16120
12.5°	49174	55371	59052	60746	59052	55371	49174	41963	33805	26816	20335
10°	60997	66840	70342	70961	70342	66840	60997	52465	42154	32264	23940
7.5°	70048	76473	81128	82819	81128	76473	70048	61945	50186	38628	28085
5°	78042	85566	90491	91116	90491	85566	78042	68341	56648	43382	31365
2.5°	83922	92101	96878	98519	96878	92101	83922	73144	60867	46290	33108
0°	86767	95576	100891	103282	100891	95576	86767	75560	62933	47653	33812
-2.5°	86168	95280	101212	104333	101212	95280	86168	75047	62113	46713	33380
-5°	82892	92030	97561	100878	97561	92030	82892	71394	58286	43841	31740
-7.5°	75337	83882	89770	92830	89770	83882	75337	65509	51962	39226	29308
-10°	65601	72833	78200	80808	78200	72833	65601	55314	44335	33938	26014
-12.5°	52950	59965	64807	66652	64807	59965	52950	44738	35707	28875	22700
-15°	40569	45923	49363	50452	49363	45923	40569	34681	29173	23940	18815
-17.5°	30766	33648	35583	36105	35583	33648	30766	26928	23218	19063	14905
-20°	23049	24836	26091	26389	26091	24836	23049	20469	17625	14237	11130

Classified

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

Scaled Data Report



REPORT NUMBER: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-740-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°	16794	18137	19151	19353	19151	18137	16794	14908	12573	10113	7752
-25°	11585	12708	13395	13447	13395	12708	11585	10049	8316	6802	5145
-27.5°	7263	7880	8198	8310	8198	7880	7263	6352	5195	4473	3604
-30°	4488	4772	4922	4927	4922	4772	4488	4072	3518	3091	2666
-32.5°	3047	3184	3259	3258	3259	3184	3047	2846	2582	2326	2093
-35°	2282	2353	2393	2398	2393	2353	2282	2178	2039	1885	1730
-37.5°	1835	1874	1895	1899	1895	1874	1835	1774	1688	1587	1483
-40°	1535	1562	1579	1590	1579	1562	1535	1495	1441	1376	1305
-42.5°	1327	1345	1353	1347	1353	1345	1327	1303	1267	1222	1174
-45°	1182	1193	1199	1202	1199	1193	1182	1167	1140	1107	1069
-47.5°	1067	1072	1076	1077	1076	1072	1067	1058	1038	1009	975
-50°	976	981	982	979	982	981	976	969	956	930	901
-52.5°	903	904	906	907	906	904	903	899	890	863	834
-55°	843	845	847	847	847	845	843	839	831	806	779
-57.5°	792	798	798	795	798	798	792	785	777	754	728
-60°	738	745	748	749	748	745	738	730	720	698	673
-62.5°	666	672	676	677	676	672	666	657	647	628	606
-65°	582	588	596	604	596	588	582	575	566	551	532
-67.5°	505	510	518	525	518	510	505	499	491	479	462
-70°	438	444	446	447	446	444	438	431	423	412	397
-72.5°	373	379	381	381	381	379	373	367	359	350	336
-75°	308	314	315	315	315	314	308	302	295	287	276
-77.5°	244	248	249	250	249	248	244	238	232	226	217
-80°	185	189	187	184	187	189	185	180	175	169	162
-82.5°	127	131	128	125	128	131	127	122	118	113	110
-85°	76	78	75	72	75	78	76	74	72	69	66
-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: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-740-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	57	44	33
52.5°	182	177	167	149	135	125	110	99	88	75	58
50°	253	240	225	208	189	172	156	136	117	105	89
47.5°	325	309	293	274	248	225	205	183	156	132	118
45°	396	370	349	327	302	274	251	225	197	169	144
42.5°	464	429	396	376	347	318	291	267	237	205	178
40°	550	498	463	437	407	364	339	310	278	242	213
37.5°	672	600	557	522	485	439	396	361	323	285	250
35°	836	746	665	613	573	515	463	417	374	332	289
32.5°	1014	902	787	708	643	585	527	476	423	377	332
30°	1275	1092	932	804	721	650	585	527	471	419	374
27.5°	1684	1346	1129	933	802	717	646	577	515	459	411
25°	2360	1769	1388	1118	908	793	712	632	559	497	446
22.5°	3399	2479	1793	1342	1080	916	792	689	604	543	484
20°	5203	3459	2403	1757	1338	1059	891	764	669	592	524
17.5°	8014	5419	3199	2283	1688	1288	1022	852	734	640	563
15°	11254	7627	4770	3045	2082	1478	1141	936	802	692	603
12.5°	14532	9908	6132	3667	2417	1689	1282	1037	869	737	635
10°	17129	11947	7552	4562	2843	1905	1405	1112	916	774	663
7.5°	19801	13620	8748	5233	3198	2086	1500	1172	954	804	687
5°	21751	14978	9766	5760	3477	2226	1573	1220	985	828	707
2.5°	23085	15905	10454	6084	3662	2324	1631	1257	1014	844	720
0°	23702	16344	10774	6313	3764	2385	1675	1281	1038	854	729
-2.5°	23558	16318	10579	6233	3769	2416	1691	1287	1045	865	737
-5°	22614	15732	10235	6068	3674	2400	1696	1290	1046	871	740
-7.5°	21297	14699	9461	5661	3481	2336	1684	1289	1044	874	744
-10°	19246	13087	8395	5110	3220	2224	1638	1268	1033	869	742
-12.5°	16717	11262	7141	4284	2860	2056	1556	1227	1013	857	736
-15°	13762	9345	5979	3783	2566	1885	1458	1173	987	838	725
-17.5°	10844	7312	4591	3114	2265	1736	1384	1137	959	820	714
-20°	7971	5314	3704	2631	1971	1558	1289	1086	927	803	705

Classified

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

Scaled Data Report



REPORT NUMBER: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-740-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°	5528	4013	2880	2158	1742	1433	1205	1029	886	782	690
-25°	3982	2982	2308	1877	1543	1297	1125	980	859	759	672
-27.5°	2926	2312	1942	1616	1369	1202	1057	930	825	734	655
-30°	2255	1925	1644	1405	1246	1108	993	887	791	706	635
-32.5°	1829	1624	1413	1265	1137	1029	932	841	754	682	612
-35°	1556	1402	1263	1149	1048	959	873	794	722	653	586
-37.5°	1360	1239	1143	1051	971	893	822	754	688	621	561
-40°	1215	1121	1043	970	903	838	778	717	654	589	534
-42.5°	1104	1031	960	899	842	792	739	681	621	562	511
-45°	1015	952	890	840	793	747	702	647	590	538	488
-47.5°	935	885	835	787	744	703	661	612	562	513	462
-50°	867	823	779	736	701	663	622	580	532	482	436
-52.5°	801	767	732	697	661	623	584	542	495	453	413
-55°	751	720	687	653	619	585	547	505	464	426	384
-57.5°	701	671	641	613	585	549	510	471	431	392	352
-60°	647	622	594	566	539	508	468	430	393	356	318
-62.5°	582	559	535	509	483	455	419	384	352	320	285
-65°	512	490	468	445	419	391	360	334	309	283	252
-67.5°	443	424	402	379	356	332	310	288	265	241	212
-70°	380	363	344	324	303	282	262	241	219	198	176
-72.5°	322	307	291	273	254	235	217	199	180	161	143
-75°	264	253	239	223	208	191	176	161	146	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°	106	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: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-740-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	72	50	32	19	12	7	6	7	6
42.5°	153	131	101	66	47	29	17	10	6	7	7
40°	185	157	128	92	63	39	26	16	7	7	7
37.5°	218	186	154	118	81	54	34	22	10	8	7
35°	252	217	178	140	102	70	42	28	16	10	7
32.5°	285	245	203	162	122	85	53	36	22	12	7
30°	322	272	226	184	140	102	67	44	28	15	7
27.5°	358	297	248	204	159	117	82	52	33	19	9
25°	392	327	271	222	177	133	96	62	40	23	11
22.5°	424	358	292	239	197	148	109	73	47	28	14
20°	456	386	314	262	215	165	122	85	54	32	16
17.5°	488	415	343	285	234	181	135	95	62	36	19
15°	520	443	370	308	252	196	146	104	69	40	22
12.5°	549	469	394	328	269	210	157	112	76	43	26
10°	574	492	415	347	286	222	167	120	83	47	29
7.5°	595	512	432	364	301	233	176	127	90	51	32
5°	612	528	446	376	312	245	184	134	95	54	35
2.5°	623	538	458	386	321	254	191	140	101	57	37
0°	631	545	466	394	328	263	197	144	105	59	39
-2.5°	638	552	475	402	336	271	203	149	109	65	40
-5°	642	556	482	408	342	278	208	152	112	70	41
-7.5°	645	561	487	413	346	283	212	155	114	75	41
-10°	645	564	490	417	349	286	214	156	116	78	42
-12.5°	643	565	492	418	351	287	218	160	118	80	42
-15°	638	564	491	418	351	287	221	163	120	81	42
-17.5°	630	561	487	414	350	286	222	164	120	80	44
-20°	624	555	481	408	346	285	221	164	120	79	46

Classified

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

Scaled Data Report



REPORT NUMBER: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-740-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	544	472	402	342	282	220	162	119	77	47
-25°	602	531	462	397	337	279	216	158	116	75	48
-27.5°	586	516	451	390	331	274	211	154	113	72	49
-30°	566	503	441	381	323	266	203	150	109	72	49
-32.5°	546	489	429	370	313	256	193	143	105	72	49
-35°	527	473	416	356	301	245	185	136	101	71	48
-37.5°	506	454	398	341	289	233	179	133	96	69	47
-40°	485	434	377	326	275	220	172	129	93	67	45
-42.5°	464	411	360	311	261	211	164	124	90	65	43
-45°	439	390	344	296	247	201	157	118	86	62	42
-47.5°	414	372	325	278	235	190	149	112	81	59	40
-50°	395	351	304	260	219	179	139	104	77	56	37
-52.5°	371	326	282	240	203	166	128	96	72	52	34
-55°	341	298	257	221	186	150	115	89	67	48	31
-57.5°	311	270	235	202	167	134	104	81	61	43	29
-60°	280	246	214	180	147	118	94	73	55	38	26
-62.5°	252	220	188	157	129	104	83	65	48	35	24
-65°	220	190	162	136	112	90	73	56	43	31	21
-67.5°	185	161	137	114	95	78	62	49	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	10
-80°	58	50	44	38	32	26	20	15	12	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
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-740-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°	26	11	6	3	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627464 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	27	10	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	13	8	2	0	0	0
-40°	26	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°	13	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)