

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: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-740-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626806 (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-SA1E-740-U-MWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7124.9 lumens
Efficiency: N/A
Efficacy: 107.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 9981.9 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 4772.2 lumens
Beam Efficiency: 67.0%

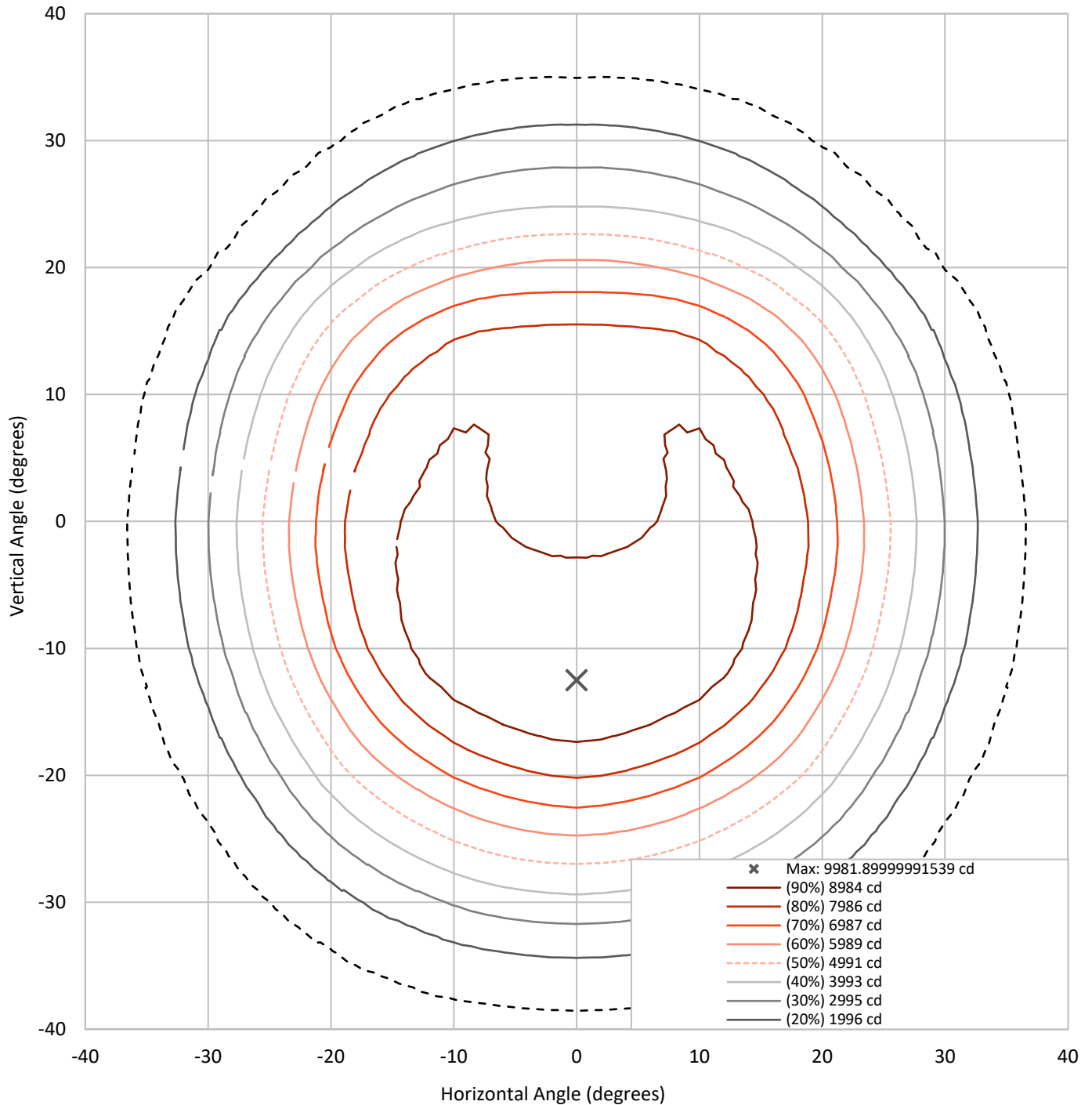
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 6422 lumens
Field Efficiency: 90.1%

Input Watts (W): 66.2
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: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-740-U-MWR-VSR-XX

Iso-Candela Plot





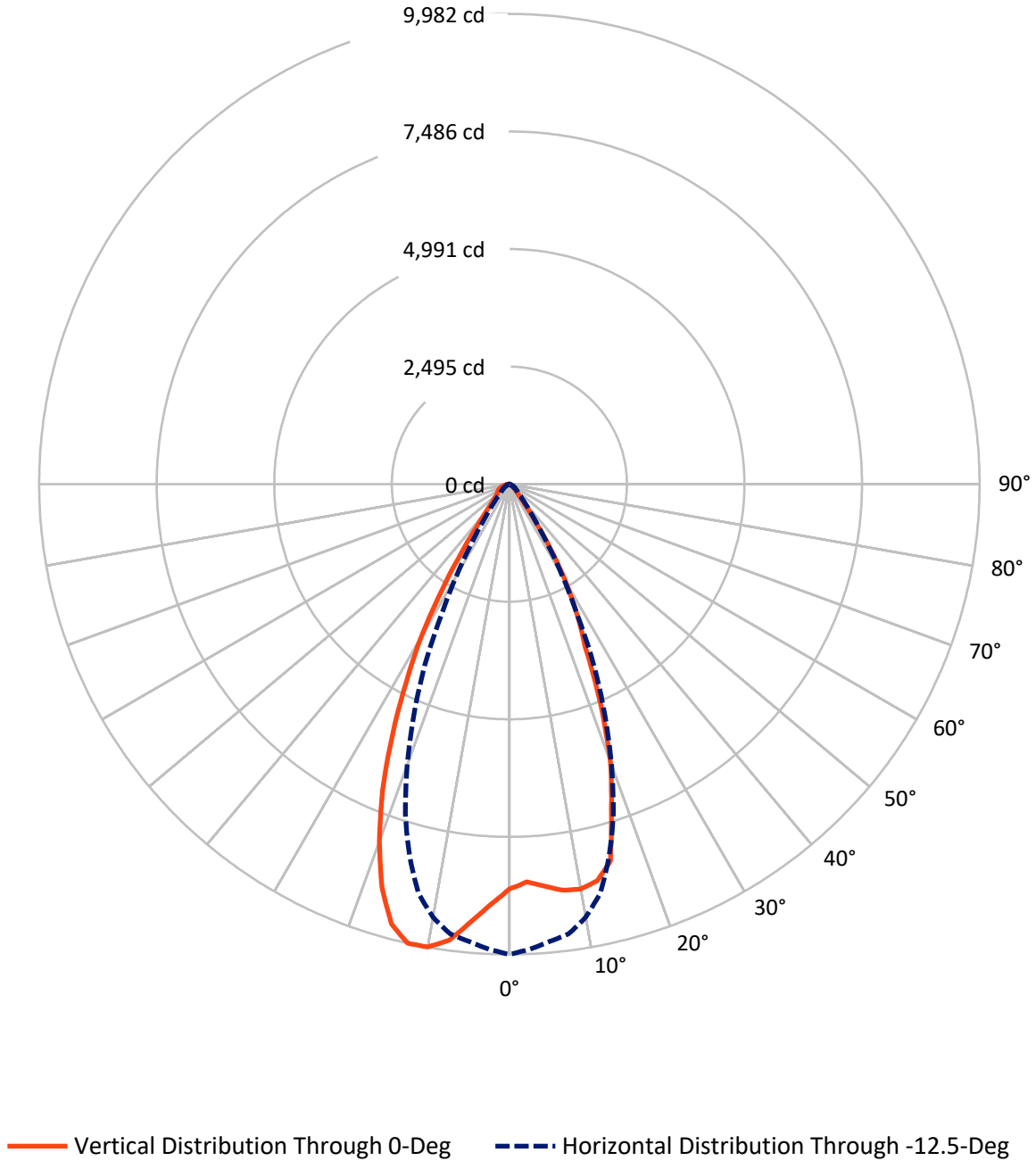
REPORT NUMBER: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-U-MWR-VSR-XX

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
50		0.0	0.0	0.2	0.6	1.0	1.4	1.6	1.6	1.4	1.0	0.6	0.2	0.0		0.0							
40	0.0	0.0	0.3	1.0	2.0	3.3	4.9	6.0	6.0	4.9	3.3	2.0	1.0	0.3	0.0								
30		0.1	0.8	2.1	4.3	9.2	21.0	32.1	32.1	21.0	9.2	4.3	2.1	0.8		0.1							
20	0.1	0.3	1.3	3.3	8.9	33.1	85.3	119.2	119.2	85.3	33.1	8.9	3.3	1.3	0.1								
10		0.5	1.9	5.1	21.3	92.0	191.9	237.6	237.6	191.9	92.0	21.3	5.1	1.9		0.5							
0	0.1	0.6	2.3	6.6	33.9	135.4	247.4	268.2	268.2	247.4	135.4	33.9	6.6	2.3	0.1								
-10		0.7	2.5	7.1	35.4	139.9	256.3	284.7	284.7	256.3	139.9	35.4	7.1	2.5		0.7							
-20	0.2	0.8	2.6	6.5	25.4	104.2	216.2	276.1	276.1	216.2	104.2	25.4	6.5	2.6	0.2								
-30		0.8	2.4	5.4	14.2	50.5	120.5	169.5	169.5	120.5	50.5	14.2	5.4	2.4		0.8							
-40	0.2	0.7	2.2	4.5	8.5	18.0	37.6	55.9	55.9	37.6	18.0	8.5	4.5	2.2	0.2								
-50		0.6	1.8	3.7	6.2	9.1	12.8	15.2	15.2	12.8	9.1	6.2	3.7	1.8		0.6							
-60	0.1	0.4	1.4	2.9	4.9	6.7	8.4	9.2	9.2	8.4	6.7	4.9	2.9	1.4	0.1								
-70		0.3	0.9	2.0	3.4	4.8	6.1	6.8	6.8	6.1	4.8	3.4	2.0	0.9		0.3							
-80	0.1	0.8	3.6	7.6	9.8	7.6	3.6	0.8	0.1														
-90																							
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90				

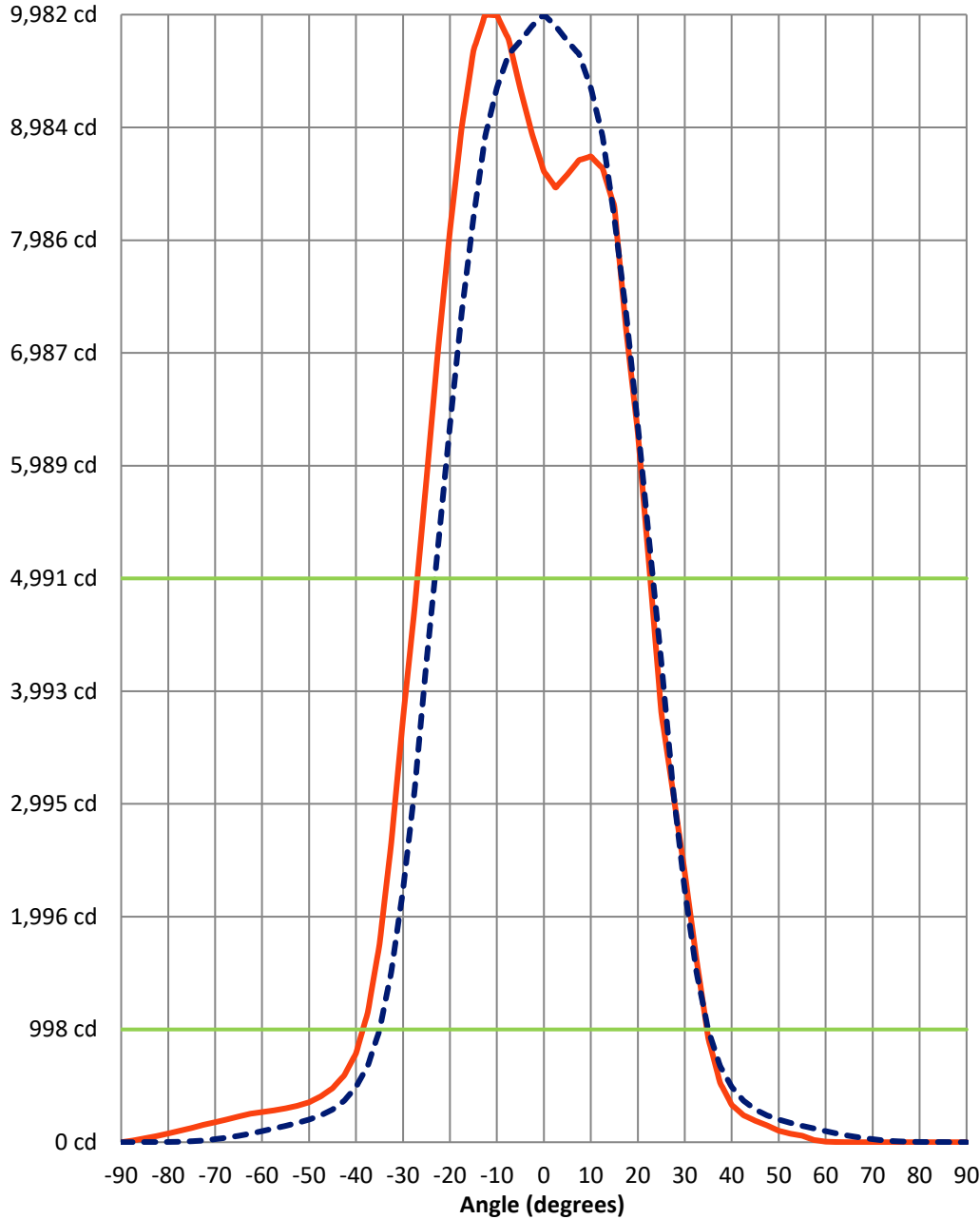
REPORT NUMBER: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-740-U-MWR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-U-MWR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 4772.2
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 6422
 Efficiency: 90.1%

Spill:
 Lumens: 702.9
 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: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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	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	1	1	0	0	0	1	0
62.5°	0	0	0	1	1	1	0	0	1	1	1
60°	0	0	0	1	1	1	0	1	1	1	1
57.5°	0	0	0	1	1	1	1	1	1	1	2
55°	0	0	0	1	1	1	1	2	1	2	2
52.5°	0	0	0	1	1	1	1	2	2	2	2
50°	0	0	0	1	1	1	1	2	2	2	2
47.5°	0	0	1	2	1	1	2	2	2	2	2
45°	0	0	1	2	1	1	2	2	2	2	3
42.5°	0	0	1	2	1	1	2	2	2	2	3
40°	0	0	1	2	1	2	2	2	2	3	4
37.5°	0	0	1	2	1	2	2	2	3	4	5
35°	0	0	1	2	2	2	3	2	3	5	6
32.5°	0	0	1	2	2	2	3	3	4	6	10
30°	0	0	1	2	2	2	3	3	5	7	13
27.5°	0	0	1	2	2	2	3	3	5	9	16
25°	0	0	1	2	2	2	3	4	7	11	19
22.5°	0	0	1	2	2	3	3	4	8	13	22
20°	0	0	1	2	2	3	3	5	9	16	26
17.5°	0	0	1	2	2	3	3	5	11	18	29
15°	0	0	1	2	2	3	4	6	12	19	33
12.5°	0	0	2	2	2	3	4	7	13	21	37
10°	0	0	2	2	2	3	4	8	15	24	40
7.5°	0	0	2	2	2	3	4	10	16	26	42
5°	0	0	2	2	2	3	4	11	17	29	45
2.5°	0	0	2	2	2	3	5	12	17	32	46
0°	0	0	2	2	2	3	5	13	18	34	47
-2.5°	0	0	2	2	2	3	6	14	20	36	50
-5°	0	0	2	2	2	4	7	14	22	37	52
-7.5°	0	0	2	2	2	4	7	14	24	38	54
-10°	0	0	2	2	2	4	8	14	26	39	55
-12.5°	0	0	2	2	2	4	9	15	27	40	56
-15°	0	0	2	2	2	4	9	15	27	41	57
-17.5°	0	0	1	2	2	4	9	15	27	41	57
-20°	0	0	1	2	2	4	9	16	27	40	56

Classified

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

Scaled Data Report



REPORT NUMBER: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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	0	1	2	3	4	9	16	27	40	55
-25°	0	0	1	2	3	4	9	17	26	39	53
-27.5°	0	0	1	2	2	5	9	17	25	38	52
-30°	0	0	1	2	2	5	9	16	25	37	50
-32.5°	0	0	1	2	3	5	9	16	25	36	48
-35°	0	0	1	2	3	5	9	16	24	35	46
-37.5°	0	0	1	2	3	5	9	15	23	34	45
-40°	0	0	1	2	3	5	9	14	22	32	44
-42.5°	0	0	1	2	3	5	9	14	21	31	43
-45°	0	0	1	2	3	5	9	13	20	29	41
-47.5°	0	0	1	2	3	5	8	13	19	26	38
-50°	0	0	1	2	3	5	8	12	18	25	35
-52.5°	0	0	1	2	3	5	8	12	17	24	32
-55°	0	0	1	2	3	5	8	11	16	22	30
-57.5°	0	0	1	2	3	5	7	10	15	21	28
-60°	0	0	1	2	3	4	7	10	14	20	26
-62.5°	0	0	1	2	3	4	6	9	13	18	24
-65°	0	0	1	2	3	4	6	9	12	16	21
-67.5°	0	0	1	2	3	4	5	8	11	14	19
-70°	0	0	1	2	3	4	5	7	9	12	16
-72.5°	0	0	1	2	3	3	4	6	8	11	14
-75°	0	0	1	2	2	3	4	5	6	9	11
-77.5°	0	0	1	1	2	3	4	5	6	7	9
-80°	0	0	1	1	2	2	3	4	5	6	7
-82.5°	0	0	0	1	1	2	3	3	4	5	6
-85°	0	0	0	1	1	1	2	2	3	3	4
-87.5°	0	0	0	0	0	1	1	1	1	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: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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	0	1	0	0	0	0	0	0	0	0
65°	1	1	1	0	0	0	1	0	0	0	0
62.5°	1	1	1	1	1	1	1	1	0	0	1
60°	2	1	1	1	2	1	1	1	1	2	4
57.5°	2	1	1	2	2	2	2	2	6	10	11
55°	2	2	2	2	2	3	4	9	14	17	18
52.5°	2	2	2	3	4	6	11	17	21	24	29
50°	2	3	3	5	7	13	19	25	31	36	42
47.5°	3	3	5	7	13	20	28	36	42	50	58
45°	3	5	7	13	20	29	39	47	54	63	71
42.5°	4	8	12	18	29	40	50	57	65	74	85
40°	7	11	17	26	38	51	60	68	76	89	102
37.5°	10	16	23	35	49	61	70	79	91	106	121
35°	14	20	30	44	59	71	81	92	108	126	144
32.5°	17	24	38	53	67	80	91	108	125	144	169
30°	21	30	45	62	75	88	104	123	140	163	193
27.5°	25	37	53	69	83	96	117	135	155	181	217
25°	29	43	60	75	90	107	130	149	169	203	250
22.5°	34	50	67	81	96	118	143	167	193	227	285
20°	40	56	73	89	103	129	157	186	221	268	345
17.5°	45	61	79	96	114	140	171	206	250	308	421
15°	49	66	85	103	124	152	186	229	282	355	495
12.5°	53	70	90	110	133	163	199	246	309	413	589
10°	57	74	96	117	141	172	210	260	330	455	659
7.5°	60	78	100	124	148	180	220	271	349	487	714
5°	63	83	105	129	154	187	228	280	365	511	756
2.5°	65	88	108	133	157	192	234	289	381	531	792
0°	67	92	111	136	160	196	239	295	393	545	820
-2.5°	69	94	115	138	165	199	241	299	397	547	814
-5°	71	95	118	140	169	201	242	301	396	543	798
-7.5°	73	96	121	142	171	202	242	300	392	534	770
-10°	74	97	122	144	171	202	241	296	383	516	729
-12.5°	76	98	122	145	171	200	238	289	368	490	677
-15°	77	99	122	144	170	198	232	280	349	454	611
-17.5°	77	99	121	143	169	195	226	269	331	424	564
-20°	77	98	120	141	167	192	221	261	315	394	508

Classified

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

Scaled Data Report



REPORT NUMBER: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	76	98	119	139	164	188	215	250	296	361	452
-25°	75	97	118	138	160	184	208	239	279	336	412
-27.5°	72	95	115	135	156	180	202	230	265	309	370
-30°	69	92	112	132	153	175	197	220	251	289	338
-32.5°	65	89	109	128	149	170	190	212	238	270	308
-35°	63	85	105	124	144	164	184	204	226	254	287
-37.5°	61	81	101	119	138	158	177	196	216	238	268
-40°	59	77	97	115	132	151	169	188	206	228	251
-42.5°	57	74	92	111	127	144	162	179	198	218	240
-45°	54	70	88	105	121	137	155	171	189	208	228
-47.5°	51	66	83	98	114	131	147	163	179	197	216
-50°	47	62	77	92	106	122	139	155	171	186	203
-52.5°	44	56	71	85	98	112	129	145	161	176	191
-55°	39	51	65	78	92	104	118	135	151	165	181
-57.5°	36	46	58	71	84	97	110	125	140	154	169
-60°	33	41	52	64	77	89	102	115	129	143	156
-62.5°	30	37	46	56	68	80	92	105	118	130	142
-65°	27	33	40	49	58	69	81	93	105	115	125
-67.5°	24	29	35	41	50	59	68	79	90	100	110
-70°	21	25	30	35	42	49	58	67	75	84	94
-72.5°	17	21	25	30	35	42	48	55	63	71	79
-75°	14	17	21	25	29	34	40	46	52	58	65
-77.5°	11	14	17	20	23	27	32	36	41	46	51
-80°	9	10	13	15	18	21	24	27	31	35	39
-82.5°	7	8	10	11	13	15	17	19	22	25	28
-85°	5	6	7	7	9	10	11	12	14	16	18
-87.5°	2	3	3	4	4	5	5	6	7	8	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-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°	0	0	1	1	0	0	1	1	1	1	1
60°	4	3	4	5	5	4	6	7	6	5	5
57.5°	11	12	14	17	18	19	21	23	24	25	25
55°	21	25	30	32	35	41	45	46	46	48	50
52.5°	34	39	41	45	52	56	58	62	66	70	74
50°	49	53	58	64	71	75	77	83	92	98	102
47.5°	64	70	79	90	96	100	107	116	125	134	142
45°	78	88	100	110	117	126	135	146	160	173	183
42.5°	95	106	117	129	137	151	167	180	200	218	229
40°	114	125	141	155	173	190	218	243	269	299	321
37.5°	136	154	177	199	225	251	301	351	392	450	483
35°	164	190	223	257	298	361	433	531	632	717	798
32.5°	195	229	275	335	404	505	614	793	969	1144	1315
30°	226	276	345	428	541	702	906	1184	1485	1748	1987
27.5°	268	338	428	552	744	980	1357	1742	2126	2468	2713
25°	318	412	539	744	1021	1412	1918	2391	2840	3176	3458
22.5°	390	531	712	973	1476	2020	2625	3220	3725	4147	4426
20°	479	670	973	1445	2038	2717	3496	4122	4744	5219	5644
17.5°	606	909	1338	1937	2645	3552	4353	5051	5841	6327	6761
15°	719	1109	1720	2485	3315	4276	5221	6076	6838	7372	7857
12.5°	863	1323	2025	2924	3831	4901	5884	6799	7546	8096	8435
10°	992	1541	2329	3270	4285	5403	6421	7374	8097	8522	8772
7.5°	1096	1722	2575	3565	4637	5762	6838	7784	8476	8831	9001
5°	1177	1857	2768	3807	4921	6072	7170	8096	8678	8972	9067
2.5°	1237	1950	2898	3967	5112	6301	7422	8334	8831	9043	9075
0°	1278	2016	2982	4067	5276	6383	7558	8484	8957	9128	9144
-2.5°	1269	1993	2978	4031	5258	6420	7580	8494	9000	9229	9266
-5°	1243	1936	2879	3928	5108	6272	7378	8344	8965	9310	9463
-7.5°	1193	1840	2711	3731	4866	6031	7159	8161	8875	9361	9661
-10°	1108	1698	2494	3481	4600	5710	6825	7865	8635	9220	9637
-12.5°	992	1506	2231	3128	4253	5289	6345	7341	8181	8903	9334
-15°	873	1306	1957	2778	3757	4778	5753	6731	7560	8235	8772
-17.5°	788	1131	1640	2358	3218	4187	5138	6036	6785	7419	7982
-20°	680	935	1338	1942	2699	3545	4457	5256	5925	6519	7058

Classified

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

Scaled Data Report



REPORT NUMBER: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	594	801	1092	1504	2184	2930	3676	4412	5040	5570	6029
-25°	516	661	889	1224	1666	2311	2939	3560	4141	4633	5047
-27.5°	455	570	722	961	1296	1672	2223	2742	3241	3691	4081
-30°	399	486	605	754	982	1262	1593	1981	2379	2734	3089
-32.5°	360	421	503	613	741	941	1141	1403	1654	1914	2168
-35°	324	373	429	503	590	707	839	999	1133	1303	1459
-37.5°	299	334	376	423	486	551	640	737	821	915	995
-40°	279	306	335	366	409	453	511	566	619	676	719
-42.5°	262	284	304	329	354	389	428	462	494	528	556
-45°	248	265	281	300	320	345	372	398	419	438	453
-47.5°	234	248	263	278	294	313	331	347	365	379	390
-50°	219	234	247	260	274	289	303	316	329	339	346
-52.5°	206	221	234	245	258	270	281	293	304	313	318
-55°	195	209	222	233	243	253	264	275	285	294	297
-57.5°	184	198	210	220	230	239	248	258	268	277	280
-60°	170	185	196	205	215	225	234	243	252	260	263
-62.5°	154	168	178	187	196	204	214	223	233	240	245
-65°	136	147	157	166	174	182	192	201	209	216	221
-67.5°	119	128	136	144	153	161	169	178	186	192	195
-70°	103	111	119	126	134	141	148	155	162	167	171
-72.5°	87	94	101	107	114	120	126	132	138	143	146
-75°	72	78	84	89	95	100	105	109	114	118	121
-77.5°	57	62	67	71	76	80	84	87	91	94	97
-80°	43	47	51	54	58	61	64	66	69	71	74
-82.5°	31	33	36	38	41	43	45	47	49	50	52
-85°	20	21	22	24	25	26	28	29	30	31	32
-87.5°	9	10	11	11	12	12	13	14	14	15	15
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-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°	1	2	2	2	2	2	1	1	1	1	1
60°	5	5	5	5	5	5	5	5	5	6	7
57.5°	25	23	21	20	21	23	25	25	25	24	23
55°	53	56	58	57	58	56	53	50	48	46	46
52.5°	76	77	77	75	77	77	76	74	70	66	62
50°	104	104	103	102	103	104	104	102	98	92	83
47.5°	146	148	149	149	149	148	146	142	134	125	116
45°	187	189	190	190	190	189	187	183	173	160	146
42.5°	235	239	240	239	240	239	235	229	218	200	180
40°	333	338	336	331	336	338	333	321	299	269	243
37.5°	505	522	528	529	528	522	505	483	450	392	351
35°	871	930	957	923	957	930	871	798	717	632	531
32.5°	1455	1559	1617	1617	1617	1559	1455	1315	1144	969	793
30°	2167	2296	2369	2385	2369	2296	2167	1987	1748	1485	1184
27.5°	2905	3039	3108	3098	3108	3039	2905	2713	2468	2126	1742
25°	3646	3747	3805	3807	3805	3747	3646	3458	3176	2840	2391
22.5°	4739	4953	5040	5064	5040	4953	4739	4426	4147	3725	3220
20°	5932	6138	6272	6280	6272	6138	5932	5644	5219	4744	4122
17.5°	7068	7170	7189	7198	7189	7170	7068	6761	6327	5841	5051
15°	8139	8175	8270	8281	8270	8175	8139	7857	7372	6838	6076
12.5°	8648	8680	8664	8620	8664	8680	8648	8435	8096	7546	6799
10°	8925	8878	8810	8727	8810	8878	8925	8772	8522	8097	7374
7.5°	8988	8936	8814	8694	8814	8936	8988	9001	8831	8476	7784
5°	9017	8866	8713	8566	8713	8866	9017	9067	8972	8678	8096
2.5°	9000	8820	8609	8452	8609	8820	9000	9075	9043	8831	8334
0°	9057	8875	8655	8596	8655	8875	9057	9144	9128	8957	8484
-2.5°	9217	9070	8954	8923	8954	9070	9217	9266	9229	9000	8494
-5°	9505	9472	9276	9322	9276	9472	9505	9463	9310	8965	8344
-7.5°	9783	9737	9654	9761	9654	9737	9783	9661	9361	8875	8161
-10°	9856	9841	9880	9975	9880	9841	9856	9637	9220	8635	7865
-12.5°	9630	9749	9882	9982	9882	9749	9630	9334	8903	8181	7341
-15°	9125	9368	9567	9661	9567	9368	9125	8772	8235	7560	6731
-17.5°	8381	8679	8915	8982	8915	8679	8381	7982	7419	6785	6036
-20°	7466	7769	7983	8069	7983	7769	7466	7058	6519	5925	5256

Classified

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

Scaled Data Report



REPORT NUMBER: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	6435	6731	6925	7028	6925	6731	6435	6029	5570	5040	4412
-25°	5390	5649	5822	5867	5822	5649	5390	5047	4633	4141	3560
-27.5°	4390	4599	4726	4740	4726	4599	4390	4081	3691	3241	2742
-30°	3384	3578	3688	3746	3688	3578	3384	3089	2734	2379	1981
-32.5°	2376	2530	2624	2648	2624	2530	2376	2168	1914	1654	1403
-35°	1584	1680	1739	1751	1739	1680	1584	1459	1303	1133	999
-37.5°	1059	1106	1135	1149	1135	1106	1059	995	915	821	737
-40°	751	772	785	787	785	772	751	719	676	619	566
-42.5°	574	585	591	593	591	585	574	556	528	494	462
-45°	464	472	476	478	476	472	464	453	438	419	398
-47.5°	397	402	405	406	405	402	397	390	379	365	347
-50°	350	353	354	354	354	353	350	346	339	329	316
-52.5°	321	323	323	322	323	323	321	318	313	304	293
-55°	299	300	300	300	300	300	299	297	294	285	275
-57.5°	282	284	283	282	283	284	282	280	277	268	258
-60°	265	267	268	267	268	267	265	263	260	252	243
-62.5°	249	252	253	252	253	252	249	245	240	233	223
-65°	225	229	229	228	229	229	225	221	216	209	201
-67.5°	199	202	202	201	202	202	199	195	192	186	178
-70°	174	177	177	177	177	177	174	171	167	162	155
-72.5°	150	153	154	154	154	153	150	146	143	138	132
-75°	124	127	127	126	127	127	124	121	118	114	109
-77.5°	100	103	102	102	102	103	100	97	94	91	87
-80°	76	78	78	77	78	78	76	74	71	69	66
-82.5°	54	55	55	54	55	55	54	52	50	49	47
-85°	33	34	34	34	34	34	33	32	31	30	29
-87.5°	16	16	16	15	16	16	16	15	15	14	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-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	0
62.5°	1	0	0	1	1	0	0	1	0	0	1
60°	6	4	5	5	4	3	4	4	2	1	1
57.5°	21	19	18	17	14	12	11	11	10	6	2
55°	45	41	35	32	30	25	21	18	17	14	9
52.5°	58	56	52	45	41	39	34	29	24	21	17
50°	77	75	71	64	58	53	49	42	36	31	25
47.5°	107	100	96	90	79	70	64	58	50	42	36
45°	135	126	117	110	100	88	78	71	63	54	47
42.5°	167	151	137	129	117	106	95	85	74	65	57
40°	218	190	173	155	141	125	114	102	89	76	68
37.5°	301	251	225	199	177	154	136	121	106	91	79
35°	433	361	298	257	223	190	164	144	126	108	92
32.5°	614	505	404	335	275	229	195	169	144	125	108
30°	906	702	541	428	345	276	226	193	163	140	123
27.5°	1357	980	744	552	428	338	268	217	181	155	135
25°	1918	1412	1021	744	539	412	318	250	203	169	149
22.5°	2625	2020	1476	973	712	531	390	285	227	193	167
20°	3496	2717	2038	1445	973	670	479	345	268	221	186
17.5°	4353	3552	2645	1937	1338	909	606	421	308	250	206
15°	5221	4276	3315	2485	1720	1109	719	495	355	282	229
12.5°	5884	4901	3831	2924	2025	1323	863	589	413	309	246
10°	6421	5403	4285	3270	2329	1541	992	659	455	330	260
7.5°	6838	5762	4637	3565	2575	1722	1096	714	487	349	271
5°	7170	6072	4921	3807	2768	1857	1177	756	511	365	280
2.5°	7422	6301	5112	3967	2898	1950	1237	792	531	381	289
0°	7558	6383	5276	4067	2982	2016	1278	820	545	393	295
-2.5°	7580	6420	5258	4031	2978	1993	1269	814	547	397	299
-5°	7378	6272	5108	3928	2879	1936	1243	798	543	396	301
-7.5°	7159	6031	4866	3731	2711	1840	1193	770	534	392	300
-10°	6825	5710	4600	3481	2494	1698	1108	729	516	383	296
-12.5°	6345	5289	4253	3128	2231	1506	992	677	490	368	289
-15°	5753	4778	3757	2778	1957	1306	873	611	454	349	280
-17.5°	5138	4187	3218	2358	1640	1131	788	564	424	331	269
-20°	4457	3545	2699	1942	1338	935	680	508	394	315	261

Classified

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

Scaled Data Report



REPORT NUMBER: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	3676	2930	2184	1504	1092	801	594	452	361	296	250
-25°	2939	2311	1666	1224	889	661	516	412	336	279	239
-27.5°	2223	1672	1296	961	722	570	455	370	309	265	230
-30°	1593	1262	982	754	605	486	399	338	289	251	220
-32.5°	1141	941	741	613	503	421	360	308	270	238	212
-35°	839	707	590	503	429	373	324	287	254	226	204
-37.5°	640	551	486	423	376	334	299	268	238	216	196
-40°	511	453	409	366	335	306	279	251	228	206	188
-42.5°	428	389	354	329	304	284	262	240	218	198	179
-45°	372	345	320	300	281	265	248	228	208	189	171
-47.5°	331	313	294	278	263	248	234	216	197	179	163
-50°	303	289	274	260	247	234	219	203	186	171	155
-52.5°	281	270	258	245	234	221	206	191	176	161	145
-55°	264	253	243	233	222	209	195	181	165	151	135
-57.5°	248	239	230	220	210	198	184	169	154	140	125
-60°	234	225	215	205	196	185	170	156	143	129	115
-62.5°	214	204	196	187	178	168	154	142	130	118	105
-65°	192	182	174	166	157	147	136	125	115	105	93
-67.5°	169	161	153	144	136	128	119	110	100	90	79
-70°	148	141	134	126	119	111	103	94	84	75	67
-72.5°	126	120	114	107	101	94	87	79	71	63	55
-75°	105	100	95	89	84	78	72	65	58	52	46
-77.5°	84	80	76	71	67	62	57	51	46	41	36
-80°	64	61	58	54	51	47	43	39	35	31	27
-82.5°	45	43	41	38	36	33	31	28	25	22	19
-85°	28	26	25	24	22	21	20	18	16	14	12
-87.5°	13	12	12	11	11	10	9	8	8	7	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-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	0	1	0	0	0	0	0	0
65°	1	0	0	0	1	1	1	0	1	0	0
62.5°	1	1	1	1	1	1	1	1	1	1	0
60°	1	1	2	1	1	1	2	1	1	1	1
57.5°	2	2	2	2	1	1	2	2	1	1	1
55°	4	3	2	2	2	2	2	2	2	1	2
52.5°	11	6	4	3	2	2	2	2	2	2	2
50°	19	13	7	5	3	3	2	2	2	2	2
47.5°	28	20	13	7	5	3	3	2	2	2	2
45°	39	29	20	13	7	5	3	3	2	2	2
42.5°	50	40	29	18	12	8	4	3	2	2	2
40°	60	51	38	26	17	11	7	4	3	2	2
37.5°	70	61	49	35	23	16	10	5	4	3	2
35°	81	71	59	44	30	20	14	6	5	3	2
32.5°	91	80	67	53	38	24	17	10	6	4	3
30°	104	88	75	62	45	30	21	13	7	5	3
27.5°	117	96	83	69	53	37	25	16	9	5	3
25°	130	107	90	75	60	43	29	19	11	7	4
22.5°	143	118	96	81	67	50	34	22	13	8	4
20°	157	129	103	89	73	56	40	26	16	9	5
17.5°	171	140	114	96	79	61	45	29	18	11	5
15°	186	152	124	103	85	66	49	33	19	12	6
12.5°	199	163	133	110	90	70	53	37	21	13	7
10°	210	172	141	117	96	74	57	40	24	15	8
7.5°	220	180	148	124	100	78	60	42	26	16	10
5°	228	187	154	129	105	83	63	45	29	17	11
2.5°	234	192	157	133	108	88	65	46	32	17	12
0°	239	196	160	136	111	92	67	47	34	18	13
-2.5°	241	199	165	138	115	94	69	50	36	20	14
-5°	242	201	169	140	118	95	71	52	37	22	14
-7.5°	242	202	171	142	121	96	73	54	38	24	14
-10°	241	202	171	144	122	97	74	55	39	26	14
-12.5°	238	200	171	145	122	98	76	56	40	27	15
-15°	232	198	170	144	122	99	77	57	41	27	15
-17.5°	226	195	169	143	121	99	77	57	41	27	15
-20°	221	192	167	141	120	98	77	56	40	27	16

Classified

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

Scaled Data Report



REPORT NUMBER: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-740-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°	215	188	164	139	119	98	76	55	40	27	16
-25°	208	184	160	138	118	97	75	53	39	26	17
-27.5°	202	180	156	135	115	95	72	52	38	25	17
-30°	197	175	153	132	112	92	69	50	37	25	16
-32.5°	190	170	149	128	109	89	65	48	36	25	16
-35°	184	164	144	124	105	85	63	46	35	24	16
-37.5°	177	158	138	119	101	81	61	45	34	23	15
-40°	169	151	132	115	97	77	59	44	32	22	14
-42.5°	162	144	127	111	92	74	57	43	31	21	14
-45°	155	137	121	105	88	70	54	41	29	20	13
-47.5°	147	131	114	98	83	66	51	38	26	19	13
-50°	139	122	106	92	77	62	47	35	25	18	12
-52.5°	129	112	98	85	71	56	44	32	24	17	12
-55°	118	104	92	78	65	51	39	30	22	16	11
-57.5°	110	97	84	71	58	46	36	28	21	15	10
-60°	102	89	77	64	52	41	33	26	20	14	10
-62.5°	92	80	68	56	46	37	30	24	18	13	9
-65°	81	69	58	49	40	33	27	21	16	12	9
-67.5°	68	59	50	41	35	29	24	19	14	11	8
-70°	58	49	42	35	30	25	21	16	12	9	7
-72.5°	48	42	35	30	25	21	17	14	11	8	6
-75°	40	34	29	25	21	17	14	11	9	6	5
-77.5°	32	27	23	20	17	14	11	9	7	6	5
-80°	24	21	18	15	13	10	9	7	6	5	4
-82.5°	17	15	13	11	10	8	7	6	5	4	3
-85°	11	10	9	7	7	6	5	4	3	3	2
-87.5°	5	5	4	4	3	3	2	2	2	1	1
-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: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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	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	1	1	0	0	0	0
62.5°	0	1	1	1	0	0	0
60°	0	1	1	1	0	0	0
57.5°	1	1	1	1	0	0	0
55°	1	1	1	1	0	0	0
52.5°	1	1	1	1	0	0	0
50°	1	1	1	1	0	0	0
47.5°	2	1	1	2	1	0	0
45°	2	1	1	2	1	0	0
42.5°	2	1	1	2	1	0	0
40°	2	2	1	2	1	0	0
37.5°	2	2	1	2	1	0	0
35°	3	2	2	2	1	0	0
32.5°	3	2	2	2	1	0	0
30°	3	2	2	2	1	0	0
27.5°	3	2	2	2	1	0	0
25°	3	2	2	2	1	0	0
22.5°	3	3	2	2	1	0	0
20°	3	3	2	2	1	0	0
17.5°	3	3	2	2	1	0	0
15°	4	3	2	2	1	0	0
12.5°	4	3	2	2	2	0	0
10°	4	3	2	2	2	0	0
7.5°	4	3	2	2	2	0	0
5°	4	3	2	2	2	0	0
2.5°	5	3	2	2	2	0	0
0°	5	3	2	2	2	0	0
-2.5°	6	3	2	2	2	0	0
-5°	7	4	2	2	2	0	0
-7.5°	7	4	2	2	2	0	0
-10°	8	4	2	2	2	0	0
-12.5°	9	4	2	2	2	0	0
-15°	9	4	2	2	2	0	0
-17.5°	9	4	2	2	1	0	0
-20°	9	4	2	2	1	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P626806 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	9	4	3	2	1	0	0
-25°	9	4	3	2	1	0	0
-27.5°	9	5	2	2	1	0	0
-30°	9	5	2	2	1	0	0
-32.5°	9	5	3	2	1	0	0
-35°	9	5	3	2	1	0	0
-37.5°	9	5	3	2	1	0	0
-40°	9	5	3	2	1	0	0
-42.5°	9	5	3	2	1	0	0
-45°	9	5	3	2	1	0	0
-47.5°	8	5	3	2	1	0	0
-50°	8	5	3	2	1	0	0
-52.5°	8	5	3	2	1	0	0
-55°	8	5	3	2	1	0	0
-57.5°	7	5	3	2	1	0	0
-60°	7	4	3	2	1	0	0
-62.5°	6	4	3	2	1	0	0
-65°	6	4	3	2	1	0	0
-67.5°	5	4	3	2	1	0	0
-70°	5	4	3	2	1	0	0
-72.5°	4	3	3	2	1	0	0
-75°	4	3	2	2	1	0	0
-77.5°	4	3	2	1	1	0	0
-80°	3	2	2	1	1	0	0
-82.5°	3	2	1	1	0	0	0
-85°	2	1	1	1	0	0	0
-87.5°	1	1	0	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)