

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: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-722-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627006 (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-SA2E-722-U-MWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10683.8 lumens
Efficiency: N/A
Efficacy: 85.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 14967.9 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 7156 lumens
Beam Efficiency: 67.0%

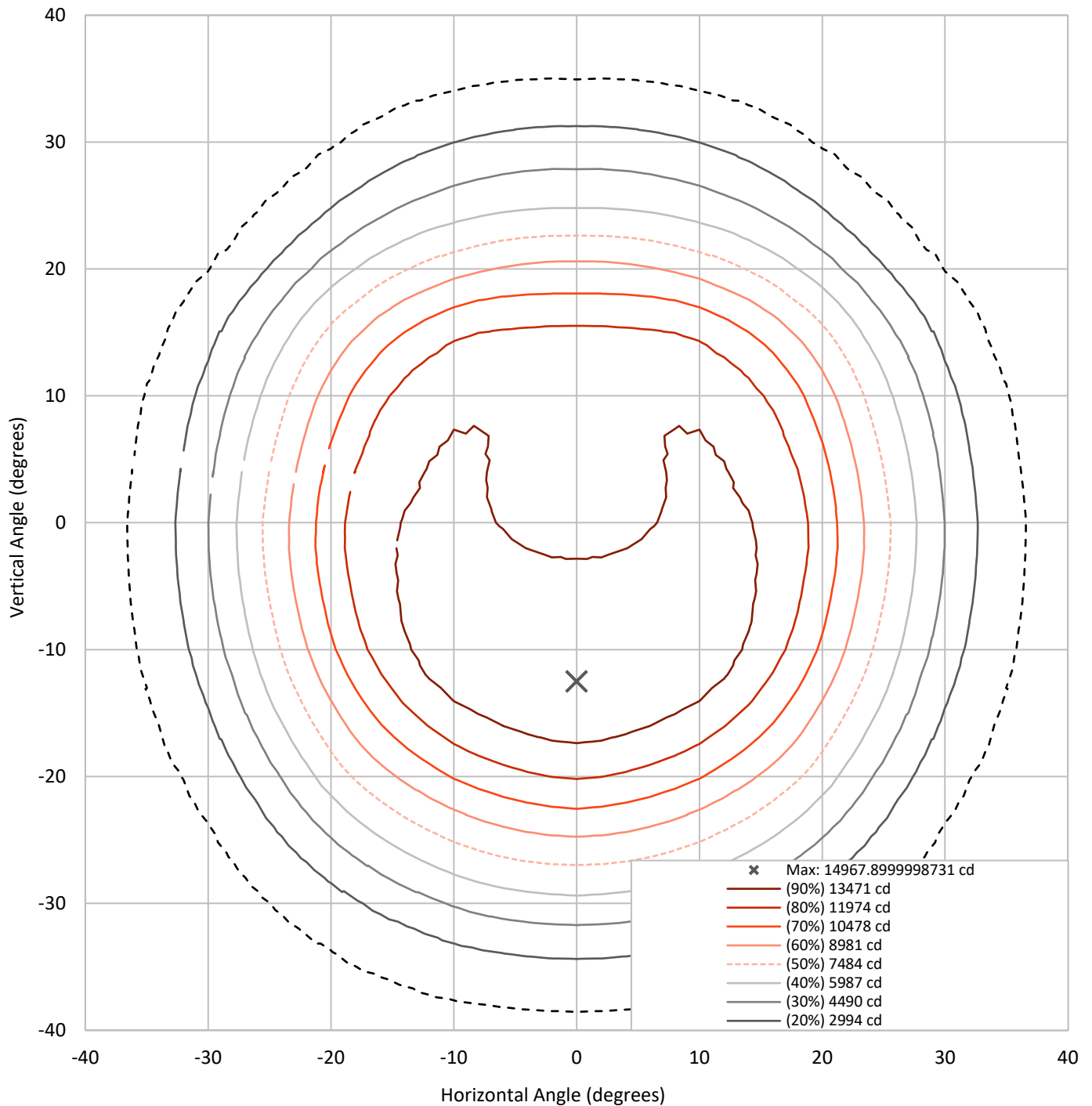
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 9629.8 lumens
Field Efficiency: 90.1%

Input Watts (W): 125.7
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: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-722-U-MWR-VSR-XX

Iso-Candela Plot





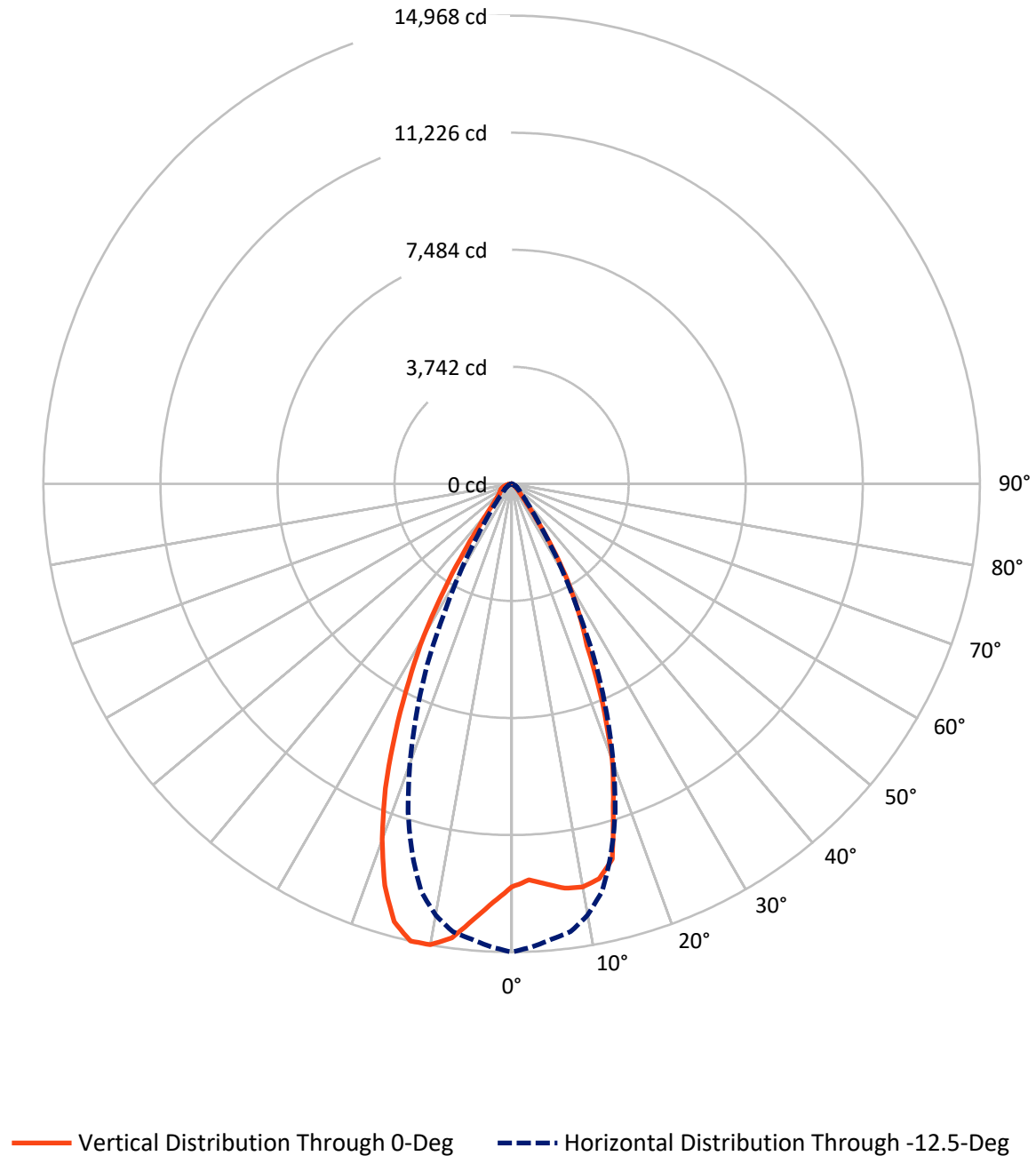
REPORT NUMBER: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-U-MWR-VSR-XX

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	0.1	0.3	0.9	1.5	2.0	2.4	2.4	2.0	1.5	0.9	0.3	0.1		0.0			
40	0.1	0.1	0.4	1.5	3.0	4.9	7.3	9.0	9.0	7.3	4.9	3.0	1.5	0.4	0.1	0.1			
30		0.2	1.2	3.1	6.4	13.9	31.5	48.2	48.2	31.5	13.9	6.4	3.1	1.2	0.2				
20	0.1	0.4	2.0	5.0	13.4	49.7	127.9	178.8	178.8	127.9	49.7	13.4	5.0	2.0	0.4	0.1			
10		0.7	2.8	7.7	31.9	137.9	287.7	356.2	356.2	287.7	137.9	31.9	7.7	2.8	0.7				
0	0.2	0.9	3.4	9.9	50.8	203.1	371.0	402.2	402.2	371.0	203.1	50.8	9.9	3.4	0.9	0.2			
-10		1.1	3.8	10.6	53.1	209.8	384.3	426.9	426.9	384.3	209.8	53.1	10.6	3.8	1.1				
-20	0.3	1.2	3.9	9.7	38.0	156.2	324.2	414.0	414.0	324.2	156.2	38.0	9.7	3.9	1.2	0.3			
-30		1.1	3.7	8.0	21.3	75.8	180.7	254.2	254.2	180.7	75.8	21.3	8.0	3.7	1.1				
-40	0.3	1.0	3.3	6.7	12.7	27.0	56.4	83.8	83.8	56.4	27.0	12.7	6.7	3.3	1.0	0.3			
-50		0.8	2.8	5.6	9.3	13.7	19.3	22.8	22.8	19.3	13.7	9.3	5.6	2.8	0.8				
-60	0.2	0.6	2.1	4.4	7.3	10.1	12.6	13.8	13.8	12.6	10.1	7.3	4.4	2.1	0.6	0.2			
-70		0.4	1.3	3.0	5.1	7.2	9.1	10.2	10.2	9.1	7.2	5.1	3.0	1.3	0.4				
-80	0.1	1.2	5.4	11.5	14.7	11.5	5.4	1.2	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

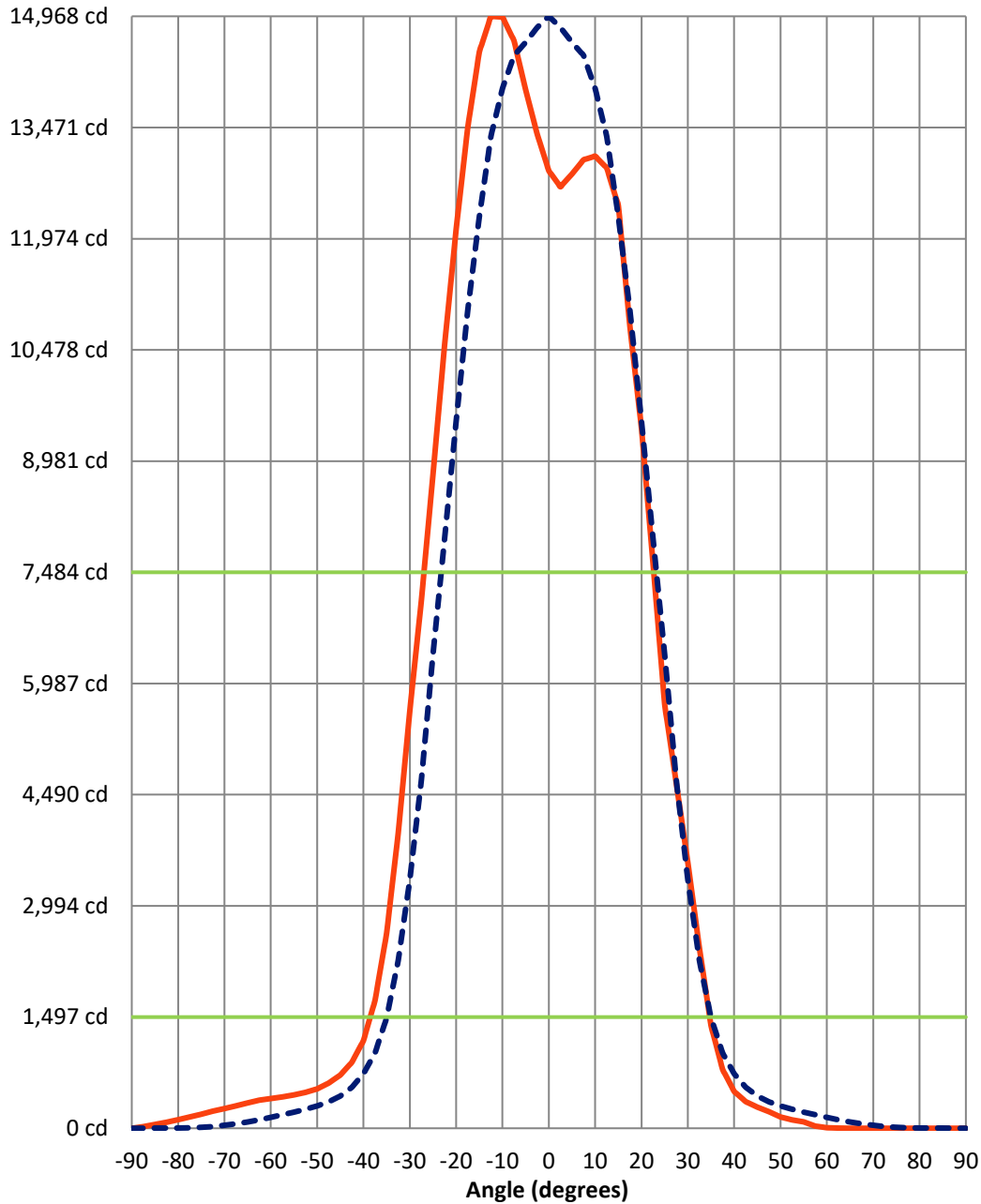
REPORT NUMBER: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-722-U-MWR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-U-MWR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 7156
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 9629.8
 Efficiency: 90.1%

Spill:
 Lumens: 1054
 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: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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	1	1	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	0	0
65°	0	0	0	1	1	1	0	0	1	1	1
62.5°	0	0	0	1	1	1	0	0	1	1	2
60°	0	0	0	1	2	1	0	1	2	2	2
57.5°	0	0	0	1	2	1	1	2	2	2	3
55°	0	0	0	2	2	1	1	2	2	3	3
52.5°	0	0	1	2	2	1	2	3	2	3	3
50°	0	0	1	2	2	2	2	3	3	3	3
47.5°	0	0	1	2	2	2	3	3	3	3	3
45°	0	0	1	2	2	2	3	3	3	3	4
42.5°	0	0	1	2	2	2	3	3	3	4	5
40°	0	0	1	3	2	2	3	3	3	5	6
37.5°	0	0	1	3	2	2	4	3	4	6	7
35°	0	0	2	3	2	3	4	4	5	7	9
32.5°	0	0	2	3	2	3	4	4	6	9	15
30°	0	0	2	3	2	3	4	4	7	11	20
27.5°	0	0	2	3	3	3	4	5	8	13	24
25°	0	0	2	3	3	4	5	6	10	17	28
22.5°	0	0	2	3	3	4	5	6	12	20	34
20°	0	0	2	3	3	4	5	7	14	24	39
17.5°	0	0	2	3	3	4	5	8	16	26	44
15°	0	0	2	3	3	4	5	9	18	29	50
12.5°	0	0	2	3	3	5	6	11	20	32	55
10°	0	0	2	3	3	5	6	13	22	35	60
7.5°	0	0	2	3	3	5	6	14	24	40	64
5°	0	0	2	3	3	5	7	16	25	44	67
2.5°	0	0	2	3	3	5	7	18	26	48	69
0°	0	0	3	3	3	5	7	20	27	51	71
-2.5°	0	0	2	3	3	5	9	20	30	54	75
-5°	0	0	2	3	3	5	10	21	34	56	78
-7.5°	0	0	2	3	3	6	11	21	37	57	81
-10°	0	0	2	3	3	6	12	22	39	59	83
-12.5°	0	0	2	3	3	6	13	22	41	60	85
-15°	0	0	2	3	4	6	13	22	41	61	86
-17.5°	0	0	2	3	4	6	14	23	41	61	85
-20°	0	0	2	3	4	6	14	24	40	61	84

Classified

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

Scaled Data Report



REPORT NUMBER: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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	2	3	4	6	14	25	40	60	82
-25°	0	0	2	3	4	7	14	25	39	59	79
-27.5°	0	1	2	3	4	7	14	25	38	57	77
-30°	0	1	2	3	4	8	14	24	37	55	75
-32.5°	0	1	2	3	4	8	13	24	37	54	72
-35°	0	1	2	3	4	8	13	23	36	52	68
-37.5°	0	1	2	3	4	8	14	23	34	50	67
-40°	0	1	2	3	4	8	14	22	32	48	66
-42.5°	0	1	2	3	4	8	13	21	31	46	64
-45°	0	1	2	3	4	8	13	20	29	43	61
-47.5°	0	1	2	3	4	8	13	19	28	40	57
-50°	0	1	2	3	5	8	12	18	27	38	53
-52.5°	0	1	2	3	5	7	12	18	25	36	48
-55°	0	1	2	3	5	7	11	16	24	34	45
-57.5°	0	1	2	3	4	7	11	16	23	32	42
-60°	0	1	2	3	4	7	10	15	21	29	39
-62.5°	0	1	2	3	4	6	10	14	20	27	36
-65°	0	0	2	3	4	6	9	13	18	24	32
-67.5°	0	0	2	3	4	6	8	12	16	22	28
-70°	0	0	2	3	4	5	7	10	14	19	24
-72.5°	0	0	1	3	4	5	7	9	12	16	20
-75°	0	0	1	2	4	5	6	8	10	13	17
-77.5°	0	0	1	2	3	4	6	7	9	10	13
-80°	0	0	1	2	3	4	5	6	7	9	11
-82.5°	0	0	1	1	2	3	4	5	6	7	9
-85°	0	0	0	1	1	2	3	3	4	5	6
-87.5°	0	0	0	0	1	1	1	2	2	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	1	1	1	0	0	0	0	0	0	0
65°	1	2	1	1	0	1	1	1	0	0	0
62.5°	2	2	1	1	1	2	1	1	0	1	1
60°	3	2	2	2	3	2	2	2	2	2	6
57.5°	3	2	2	3	3	3	3	3	9	15	16
55°	3	2	3	3	4	4	7	14	21	25	27
52.5°	3	3	4	5	6	9	17	25	32	37	43
50°	3	4	5	7	11	19	29	38	46	54	63
47.5°	4	5	7	11	20	31	42	53	63	74	88
45°	5	8	11	19	30	44	58	71	81	94	106
42.5°	6	12	18	27	43	59	75	86	97	111	127
40°	10	17	26	40	57	76	90	102	114	133	152
37.5°	15	24	34	52	73	92	105	119	137	159	182
35°	20	30	46	66	89	106	121	138	163	188	216
32.5°	26	36	57	79	101	120	137	162	188	216	254
30°	32	46	68	92	113	132	156	184	210	245	289
27.5°	37	55	79	103	124	144	176	203	232	272	325
25°	44	65	90	113	135	160	195	224	254	304	375
22.5°	51	74	100	122	145	177	214	250	289	340	427
20°	59	83	109	133	155	193	235	279	332	402	517
17.5°	67	92	118	144	171	210	257	309	375	462	631
15°	74	99	127	155	186	228	279	343	423	532	742
12.5°	80	105	135	166	200	244	299	368	463	619	883
10°	86	111	143	176	212	258	316	389	495	682	988
7.5°	90	117	151	186	223	270	330	407	524	731	1071
5°	94	125	157	193	230	280	342	420	548	767	1134
2.5°	98	131	163	199	236	288	351	433	571	797	1188
0°	101	137	167	204	240	294	358	442	589	817	1229
-2.5°	104	140	173	207	247	299	362	448	595	820	1221
-5°	107	143	177	210	253	301	362	451	594	814	1196
-7.5°	109	144	181	213	256	303	363	449	588	800	1155
-10°	111	146	182	215	257	302	361	444	574	774	1094
-12.5°	113	147	182	217	256	301	356	434	552	734	1015
-15°	115	148	182	217	255	297	349	420	523	681	917
-17.5°	116	148	181	215	253	293	338	403	496	635	846
-20°	116	148	180	211	250	288	331	391	473	591	761

Classified

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

Scaled Data Report



REPORT NUMBER: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	114	147	179	208	245	282	323	375	444	541	678
-25°	112	145	177	206	240	276	313	358	418	504	618
-27.5°	108	142	173	203	234	269	303	345	397	463	555
-30°	103	138	168	199	229	262	295	330	376	433	507
-32.5°	97	133	163	193	223	254	285	318	357	405	462
-35°	94	127	158	186	216	246	276	306	338	381	430
-37.5°	92	121	152	178	207	236	265	294	324	357	402
-40°	89	115	145	172	198	226	254	281	309	342	377
-42.5°	85	111	139	166	190	216	243	269	297	327	360
-45°	81	105	132	157	182	206	232	256	284	313	342
-47.5°	77	99	125	147	171	196	220	245	269	296	325
-50°	71	93	116	137	159	183	208	232	256	279	304
-52.5°	65	84	107	128	147	168	193	218	242	264	286
-55°	59	77	97	118	137	155	177	202	226	248	271
-57.5°	54	69	88	107	127	145	165	187	210	231	253
-60°	50	62	78	96	115	134	153	173	194	215	234
-62.5°	45	56	69	84	102	120	138	157	177	194	212
-65°	41	49	60	73	87	104	121	139	157	173	188
-67.5°	36	44	52	62	74	88	102	119	135	150	165
-70°	31	38	45	53	62	74	87	100	113	127	141
-72.5°	26	32	38	45	53	63	73	83	94	106	118
-75°	21	26	31	37	44	52	60	69	78	88	97
-77.5°	17	21	25	29	35	41	47	55	62	69	77
-80°	13	16	19	23	27	31	36	41	46	52	59
-82.5°	10	12	14	17	19	22	25	29	33	37	42
-85°	7	9	10	11	13	14	16	18	21	24	27
-87.5°	4	4	5	6	6	7	8	9	10	11	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	1	2	2	2	2
60°	7	5	6	8	8	6	9	10	9	7	8
57.5°	17	19	21	25	27	29	31	34	36	37	38
55°	31	38	44	48	53	61	68	68	70	71	76
52.5°	51	58	61	67	77	84	87	93	99	105	110
50°	73	80	87	96	106	113	115	125	137	147	153
47.5°	96	105	118	134	143	150	161	174	187	202	213
45°	118	133	150	164	176	188	202	218	240	260	275
42.5°	142	159	176	193	206	227	251	270	300	327	344
40°	170	187	212	233	259	285	327	365	404	448	481
37.5°	204	230	265	299	337	377	451	527	588	675	724
35°	245	285	335	385	447	541	650	796	948	1075	1197
32.5°	293	344	412	502	605	758	920	1190	1452	1715	1972
30°	339	413	518	642	811	1052	1358	1775	2226	2621	2979
27.5°	401	506	642	827	1115	1469	2034	2613	3187	3700	4069
25°	476	617	809	1115	1532	2118	2876	3585	4259	4762	5186
22.5°	585	796	1068	1458	2214	3029	3936	4828	5585	6219	6637
20°	718	1004	1459	2167	3055	4075	5242	6180	7113	7827	8464
17.5°	908	1363	2006	2905	3966	5326	6528	7574	8759	9488	10138
15°	1079	1664	2580	3727	4970	6411	7829	9111	10254	11055	11781
12.5°	1294	1983	3036	4385	5745	7350	8823	10196	11316	12140	12648
10°	1488	2311	3492	4903	6426	8102	9629	11057	12142	12779	13153
7.5°	1644	2583	3861	5346	6953	8641	10254	11672	12709	13243	13498
5°	1765	2784	4150	5709	7379	9105	10751	12139	13013	13454	13597
2.5°	1855	2925	4345	5948	7666	9448	11129	12497	13243	13561	13608
0°	1917	3023	4471	6099	7912	9571	11333	12722	13432	13687	13711
-2.5°	1902	2988	4466	6044	7884	9627	11366	12737	13496	13839	13894
-5°	1863	2904	4318	5890	7660	9405	11064	12511	13443	13961	14190
-7.5°	1789	2758	4065	5594	7296	9043	10735	12237	13309	14037	14486
-10°	1662	2546	3741	5220	6898	8562	10235	11793	12948	13825	14450
-12.5°	1488	2258	3346	4690	6377	7931	9515	11008	12268	13350	13996
-15°	1309	1958	2935	4166	5634	7164	8627	10093	11336	12348	13154
-17.5°	1181	1696	2460	3537	4826	6278	7705	9051	10173	11124	11970
-20°	1020	1402	2007	2912	4047	5316	6684	7882	8884	9776	10583

Classified

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

Scaled Data Report



REPORT NUMBER: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	891	1200	1637	2255	3275	4394	5513	6616	7558	8352	9041
-25°	774	991	1333	1835	2498	3465	4408	5339	6209	6947	7568
-27.5°	682	855	1083	1440	1944	2508	3334	4112	4860	5535	6120
-30°	599	729	907	1130	1472	1892	2388	2970	3567	4100	4631
-32.5°	539	631	754	920	1111	1411	1712	2103	2481	2869	3251
-35°	485	560	643	754	885	1060	1258	1497	1699	1954	2188
-37.5°	449	501	564	634	729	826	960	1105	1231	1372	1491
-40°	418	459	502	549	614	680	766	848	927	1014	1078
-42.5°	392	425	456	493	531	584	642	693	741	792	834
-45°	372	397	422	450	479	517	559	597	628	656	679
-47.5°	350	372	395	416	441	469	496	520	547	569	585
-50°	329	351	371	390	411	433	455	474	493	509	519
-52.5°	308	331	351	368	386	404	422	439	455	470	477
-55°	293	313	333	349	364	380	395	412	427	441	445
-57.5°	275	296	316	330	344	358	372	388	402	415	420
-60°	255	278	294	308	322	337	351	365	378	390	394
-62.5°	232	251	267	280	293	306	321	335	349	361	368
-65°	203	221	235	249	262	273	287	301	314	324	331
-67.5°	179	192	204	216	229	241	254	266	278	287	293
-70°	154	167	178	190	200	211	222	232	242	250	256
-72.5°	130	141	151	161	171	180	190	199	207	214	220
-75°	108	117	126	134	142	150	157	164	171	176	181
-77.5°	85	92	100	107	114	120	126	131	136	141	145
-80°	65	70	76	81	87	91	95	99	103	107	111
-82.5°	47	50	54	57	61	64	67	70	73	76	78
-85°	30	32	34	36	38	39	41	43	45	47	48
-87.5°	14	15	16	17	18	19	20	20	21	22	23
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-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°	2	2	2	2	2	2	2	2	2	2	2
60°	8	7	7	7	7	7	8	8	7	9	10
57.5°	37	34	32	29	32	34	37	38	37	36	34
55°	80	85	87	86	87	85	80	76	71	70	68
52.5°	114	116	116	113	116	116	114	110	105	99	93
50°	156	156	155	152	155	156	156	153	147	137	125
47.5°	219	222	224	223	224	222	219	213	202	187	174
45°	281	284	285	285	285	284	281	275	260	240	218
42.5°	353	358	360	358	360	358	353	344	327	300	270
40°	500	506	503	496	503	506	500	481	448	404	365
37.5°	758	782	792	793	792	782	758	724	675	588	527
35°	1307	1394	1434	1384	1434	1394	1307	1197	1075	948	796
32.5°	2182	2337	2425	2425	2425	2337	2182	1972	1715	1452	1190
30°	3249	3443	3552	3576	3552	3443	3249	2979	2621	2226	1775
27.5°	4356	4557	4661	4646	4661	4557	4356	4069	3700	3187	2613
25°	5466	5618	5706	5708	5706	5618	5466	5186	4762	4259	3585
22.5°	7107	7426	7558	7593	7558	7426	7107	6637	6219	5585	4828
20°	8895	9205	9405	9417	9405	9205	8895	8464	7827	7113	6180
17.5°	10598	10752	10781	10793	10781	10752	10598	10138	9488	8759	7574
15°	12204	12258	12400	12418	12400	12258	12204	11781	11055	10254	9111
12.5°	12967	13016	12992	12926	12992	13016	12967	12648	12140	11316	10196
10°	13383	13313	13210	13086	13210	13313	13383	13153	12779	12142	11057
7.5°	13477	13400	13217	13037	13217	13400	13477	13498	13243	12709	11672
5°	13522	13295	13065	12845	13065	13295	13522	13597	13454	13013	12139
2.5°	13495	13226	12909	12673	12909	13226	13495	13608	13561	13243	12497
0°	13581	13309	12978	12889	12978	13309	13581	13711	13687	13432	12722
-2.5°	13821	13600	13427	13380	13427	13600	13821	13894	13839	13496	12737
-5°	14252	14204	13910	13979	13910	14204	14252	14190	13961	13443	12511
-7.5°	14669	14600	14476	14637	14476	14600	14669	14486	14037	13309	12237
-10°	14780	14757	14815	14958	14815	14757	14780	14450	13825	12948	11793
-12.5°	14440	14618	14818	14968	14818	14618	14440	13996	13350	12268	11008
-15°	13683	14047	14345	14487	14345	14047	13683	13154	12348	11336	10093
-17.5°	12568	13014	13368	13468	13368	13014	12568	11970	11124	10173	9051
-20°	11195	11649	11971	12099	11971	11649	11195	10583	9776	8884	7882

Classified

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

Scaled Data Report



REPORT NUMBER: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	9650	10093	10385	10538	10385	10093	9650	9041	8352	7558	6616
-25°	8082	8471	8730	8798	8730	8471	8082	7568	6947	6209	5339
-27.5°	6582	6895	7086	7107	7086	6895	6582	6120	5535	4860	4112
-30°	5074	5365	5530	5618	5530	5365	5074	4631	4100	3567	2970
-32.5°	3563	3794	3934	3971	3934	3794	3563	3251	2869	2481	2103
-35°	2376	2519	2608	2626	2608	2519	2376	2188	1954	1699	1497
-37.5°	1589	1659	1702	1723	1702	1659	1589	1491	1372	1231	1105
-40°	1125	1158	1177	1181	1177	1158	1125	1078	1014	927	848
-42.5°	861	878	886	888	886	878	861	834	792	741	693
-45°	696	707	714	717	714	707	696	679	656	628	597
-47.5°	595	603	607	609	607	603	595	585	569	547	520
-50°	525	529	531	530	531	529	525	519	509	493	474
-52.5°	481	484	484	484	484	484	481	477	470	455	439
-55°	448	450	450	449	450	450	448	445	441	427	412
-57.5°	423	425	425	422	425	425	423	420	415	402	388
-60°	398	401	401	400	401	401	398	394	390	378	365
-62.5°	373	378	379	378	379	378	373	368	361	349	335
-65°	338	344	343	341	343	344	338	331	324	314	301
-67.5°	298	303	303	302	303	303	298	293	287	278	266
-70°	261	266	266	265	266	266	261	256	250	242	232
-72.5°	225	229	230	231	230	229	225	220	214	207	199
-75°	186	190	190	189	190	190	186	181	176	171	164
-77.5°	150	154	153	152	153	154	150	145	141	136	131
-80°	114	117	116	115	116	117	114	111	107	103	99
-82.5°	81	83	82	81	82	83	81	78	76	73	70
-85°	50	51	51	52	51	51	50	48	47	45	43
-87.5°	24	24	23	22	23	24	24	23	22	21	20
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	1	1	1	1	1	1	1	1	1	0	1
60°	9	6	8	8	6	5	7	6	2	2	2
57.5°	31	29	27	25	21	19	17	16	15	9	3
55°	68	61	53	48	44	38	31	27	25	21	14
52.5°	87	84	77	67	61	58	51	43	37	32	25
50°	115	113	106	96	87	80	73	63	54	46	38
47.5°	161	150	143	134	118	105	96	88	74	63	53
45°	202	188	176	164	150	133	118	106	94	81	71
42.5°	251	227	206	193	176	159	142	127	111	97	86
40°	327	285	259	233	212	187	170	152	133	114	102
37.5°	451	377	337	299	265	230	204	182	159	137	119
35°	650	541	447	385	335	285	245	216	188	163	138
32.5°	920	758	605	502	412	344	293	254	216	188	162
30°	1358	1052	811	642	518	413	339	289	245	210	184
27.5°	2034	1469	1115	827	642	506	401	325	272	232	203
25°	2876	2118	1532	1115	809	617	476	375	304	254	224
22.5°	3936	3029	2214	1458	1068	796	585	427	340	289	250
20°	5242	4075	3055	2167	1459	1004	718	517	402	332	279
17.5°	6528	5326	3966	2905	2006	1363	908	631	462	375	309
15°	7829	6411	4970	3727	2580	1664	1079	742	532	423	343
12.5°	8823	7350	5745	4385	3036	1983	1294	883	619	463	368
10°	9629	8102	6426	4903	3492	2311	1488	988	682	495	389
7.5°	10254	8641	6953	5346	3861	2583	1644	1071	731	524	407
5°	10751	9105	7379	5709	4150	2784	1765	1134	767	548	420
2.5°	11129	9448	7666	5948	4345	2925	1855	1188	797	571	433
0°	11333	9571	7912	6099	4471	3023	1917	1229	817	589	442
-2.5°	11366	9627	7884	6044	4466	2988	1902	1221	820	595	448
-5°	11064	9405	7660	5890	4318	2904	1863	1196	814	594	451
-7.5°	10735	9043	7296	5594	4065	2758	1789	1155	800	588	449
-10°	10235	8562	6898	5220	3741	2546	1662	1094	774	574	444
-12.5°	9515	7931	6377	4690	3346	2258	1488	1015	734	552	434
-15°	8627	7164	5634	4166	2935	1958	1309	917	681	523	420
-17.5°	7705	6278	4826	3537	2460	1696	1181	846	635	496	403
-20°	6684	5316	4047	2912	2007	1402	1020	761	591	473	391

Classified

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

Scaled Data Report



REPORT NUMBER: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	5513	4394	3275	2255	1637	1200	891	678	541	444	375
-25°	4408	3465	2498	1835	1333	991	774	618	504	418	358
-27.5°	3334	2508	1944	1440	1083	855	682	555	463	397	345
-30°	2388	1892	1472	1130	907	729	599	507	433	376	330
-32.5°	1712	1411	1111	920	754	631	539	462	405	357	318
-35°	1258	1060	885	754	643	560	485	430	381	338	306
-37.5°	960	826	729	634	564	501	449	402	357	324	294
-40°	766	680	614	549	502	459	418	377	342	309	281
-42.5°	642	584	531	493	456	425	392	360	327	297	269
-45°	559	517	479	450	422	397	372	342	313	284	256
-47.5°	496	469	441	416	395	372	350	325	296	269	245
-50°	455	433	411	390	371	351	329	304	279	256	232
-52.5°	422	404	386	368	351	331	308	286	264	242	218
-55°	395	380	364	349	333	313	293	271	248	226	202
-57.5°	372	358	344	330	316	296	275	253	231	210	187
-60°	351	337	322	308	294	278	255	234	215	194	173
-62.5°	321	306	293	280	267	251	232	212	194	177	157
-65°	287	273	262	249	235	221	203	188	173	157	139
-67.5°	254	241	229	216	204	192	179	165	150	135	119
-70°	222	211	200	190	178	167	154	141	127	113	100
-72.5°	190	180	171	161	151	141	130	118	106	94	83
-75°	157	150	142	134	126	117	108	97	88	78	69
-77.5°	126	120	114	107	100	92	85	77	69	62	55
-80°	95	91	87	81	76	70	65	59	52	46	41
-82.5°	67	64	61	57	54	50	47	42	37	33	29
-85°	41	39	38	36	34	32	30	27	24	21	18
-87.5°	20	19	18	17	16	15	14	13	11	10	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: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	1	1	1	0	0	0	0	0
65°	1	1	0	1	1	2	1	1	1	1	0
62.5°	1	2	1	1	1	2	2	2	1	1	0
60°	2	2	3	2	2	2	3	2	2	2	1
57.5°	3	3	3	3	2	2	3	3	2	2	2
55°	7	4	4	3	3	2	3	3	3	2	2
52.5°	17	9	6	5	4	3	3	3	3	2	3
50°	29	19	11	7	5	4	3	3	3	3	3
47.5°	42	31	20	11	7	5	4	3	3	3	3
45°	58	44	30	19	11	8	5	4	3	3	3
42.5°	75	59	43	27	18	12	6	5	4	3	3
40°	90	76	57	40	26	17	10	6	5	3	3
37.5°	105	92	73	52	34	24	15	7	6	4	3
35°	121	106	89	66	46	30	20	9	7	5	4
32.5°	137	120	101	79	57	36	26	15	9	6	4
30°	156	132	113	92	68	46	32	20	11	7	4
27.5°	176	144	124	103	79	55	37	24	13	8	5
25°	195	160	135	113	90	65	44	28	17	10	6
22.5°	214	177	145	122	100	74	51	34	20	12	6
20°	235	193	155	133	109	83	59	39	24	14	7
17.5°	257	210	171	144	118	92	67	44	26	16	8
15°	279	228	186	155	127	99	74	50	29	18	9
12.5°	299	244	200	166	135	105	80	55	32	20	11
10°	316	258	212	176	143	111	86	60	35	22	13
7.5°	330	270	223	186	151	117	90	64	40	24	14
5°	342	280	230	193	157	125	94	67	44	25	16
2.5°	351	288	236	199	163	131	98	69	48	26	18
0°	358	294	240	204	167	137	101	71	51	27	20
-2.5°	362	299	247	207	173	140	104	75	54	30	20
-5°	362	301	253	210	177	143	107	78	56	34	21
-7.5°	363	303	256	213	181	144	109	81	57	37	21
-10°	361	302	257	215	182	146	111	83	59	39	22
-12.5°	356	301	256	217	182	147	113	85	60	41	22
-15°	349	297	255	217	182	148	115	86	61	41	22
-17.5°	338	293	253	215	181	148	116	85	61	41	23
-20°	331	288	250	211	180	148	116	84	61	40	24

Classified

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

Scaled Data Report



REPORT NUMBER: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	323	282	245	208	179	147	114	82	60	40	25
-25°	313	276	240	206	177	145	112	79	59	39	25
-27.5°	303	269	234	203	173	142	108	77	57	38	25
-30°	295	262	229	199	168	138	103	75	55	37	24
-32.5°	285	254	223	193	163	133	97	72	54	37	24
-35°	276	246	216	186	158	127	94	68	52	36	23
-37.5°	265	236	207	178	152	121	92	67	50	34	23
-40°	254	226	198	172	145	115	89	66	48	32	22
-42.5°	243	216	190	166	139	111	85	64	46	31	21
-45°	232	206	182	157	132	105	81	61	43	29	20
-47.5°	220	196	171	147	125	99	77	57	40	28	19
-50°	208	183	159	137	116	93	71	53	38	27	18
-52.5°	193	168	147	128	107	84	65	48	36	25	18
-55°	177	155	137	118	97	77	59	45	34	24	16
-57.5°	165	145	127	107	88	69	54	42	32	23	16
-60°	153	134	115	96	78	62	50	39	29	21	15
-62.5°	138	120	102	84	69	56	45	36	27	20	14
-65°	121	104	87	73	60	49	41	32	24	18	13
-67.5°	102	88	74	62	52	44	36	28	22	16	12
-70°	87	74	62	53	45	38	31	24	19	14	10
-72.5°	73	63	53	45	38	32	26	20	16	12	9
-75°	60	52	44	37	31	26	21	17	13	10	8
-77.5°	47	41	35	29	25	21	17	13	10	9	7
-80°	36	31	27	23	19	16	13	11	9	7	6
-82.5°	25	22	19	17	14	12	10	9	7	6	5
-85°	16	14	13	11	10	9	7	6	5	4	3
-87.5°	8	7	6	6	5	4	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: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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	1	1	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	0	1	1	1	0	0	0
62.5°	0	1	1	1	0	0	0
60°	0	1	2	1	0	0	0
57.5°	1	1	2	1	0	0	0
55°	1	1	2	2	0	0	0
52.5°	2	1	2	2	1	0	0
50°	2	2	2	2	1	0	0
47.5°	3	2	2	2	1	0	0
45°	3	2	2	2	1	0	0
42.5°	3	2	2	2	1	0	0
40°	3	2	2	3	1	0	0
37.5°	4	2	2	3	1	0	0
35°	4	3	2	3	2	0	0
32.5°	4	3	2	3	2	0	0
30°	4	3	2	3	2	0	0
27.5°	4	3	3	3	2	0	0
25°	5	4	3	3	2	0	0
22.5°	5	4	3	3	2	0	0
20°	5	4	3	3	2	0	0
17.5°	5	4	3	3	2	0	0
15°	5	4	3	3	2	0	0
12.5°	6	5	3	3	2	0	0
10°	6	5	3	3	2	0	0
7.5°	6	5	3	3	2	0	0
5°	7	5	3	3	2	0	0
2.5°	7	5	3	3	2	0	0
0°	7	5	3	3	3	0	0
-2.5°	9	5	3	3	2	0	0
-5°	10	5	3	3	2	0	0
-7.5°	11	6	3	3	2	0	0
-10°	12	6	3	3	2	0	0
-12.5°	13	6	3	3	2	0	0
-15°	13	6	4	3	2	0	0
-17.5°	14	6	4	3	2	0	0
-20°	14	6	4	3	2	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14	6	4	3	2	0	0
-25°	14	7	4	3	2	0	0
-27.5°	14	7	4	3	2	1	0
-30°	14	8	4	3	2	1	0
-32.5°	13	8	4	3	2	1	0
-35°	13	8	4	3	2	1	0
-37.5°	14	8	4	3	2	1	0
-40°	14	8	4	3	2	1	0
-42.5°	13	8	4	3	2	1	0
-45°	13	8	4	3	2	1	0
-47.5°	13	8	4	3	2	1	0
-50°	12	8	5	3	2	1	0
-52.5°	12	7	5	3	2	1	0
-55°	11	7	5	3	2	1	0
-57.5°	11	7	4	3	2	1	0
-60°	10	7	4	3	2	1	0
-62.5°	10	6	4	3	2	1	0
-65°	9	6	4	3	2	0	0
-67.5°	8	6	4	3	2	0	0
-70°	7	5	4	3	2	0	0
-72.5°	7	5	4	3	1	0	0
-75°	6	5	4	2	1	0	0
-77.5°	6	4	3	2	1	0	0
-80°	5	4	3	2	1	0	0
-82.5°	4	3	2	1	1	0	0
-85°	3	2	1	1	0	0	0
-87.5°	1	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)