

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: P627166 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-740-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627166 (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-SA3C-740-U-MWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16355.8 lumens
Efficiency: N/A
Efficacy: 134.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 22914.3 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 10955.1 lumens
Beam Efficiency: 67.0%

Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 14742.3 lumens
Field Efficiency: 90.1%

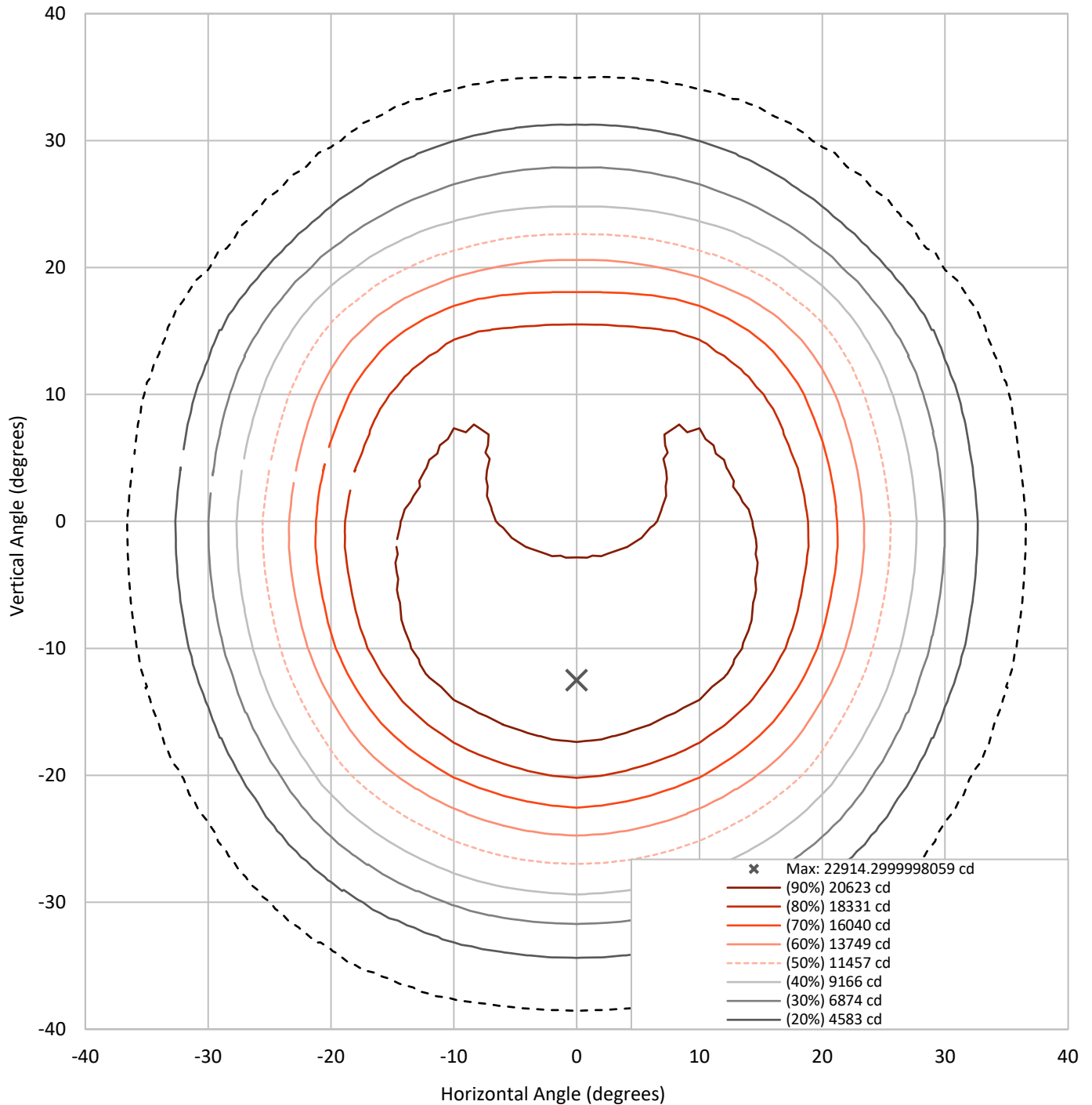
Input Watts (W): 121.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627166 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-MWR-VSR-XX

Iso-Candela Plot





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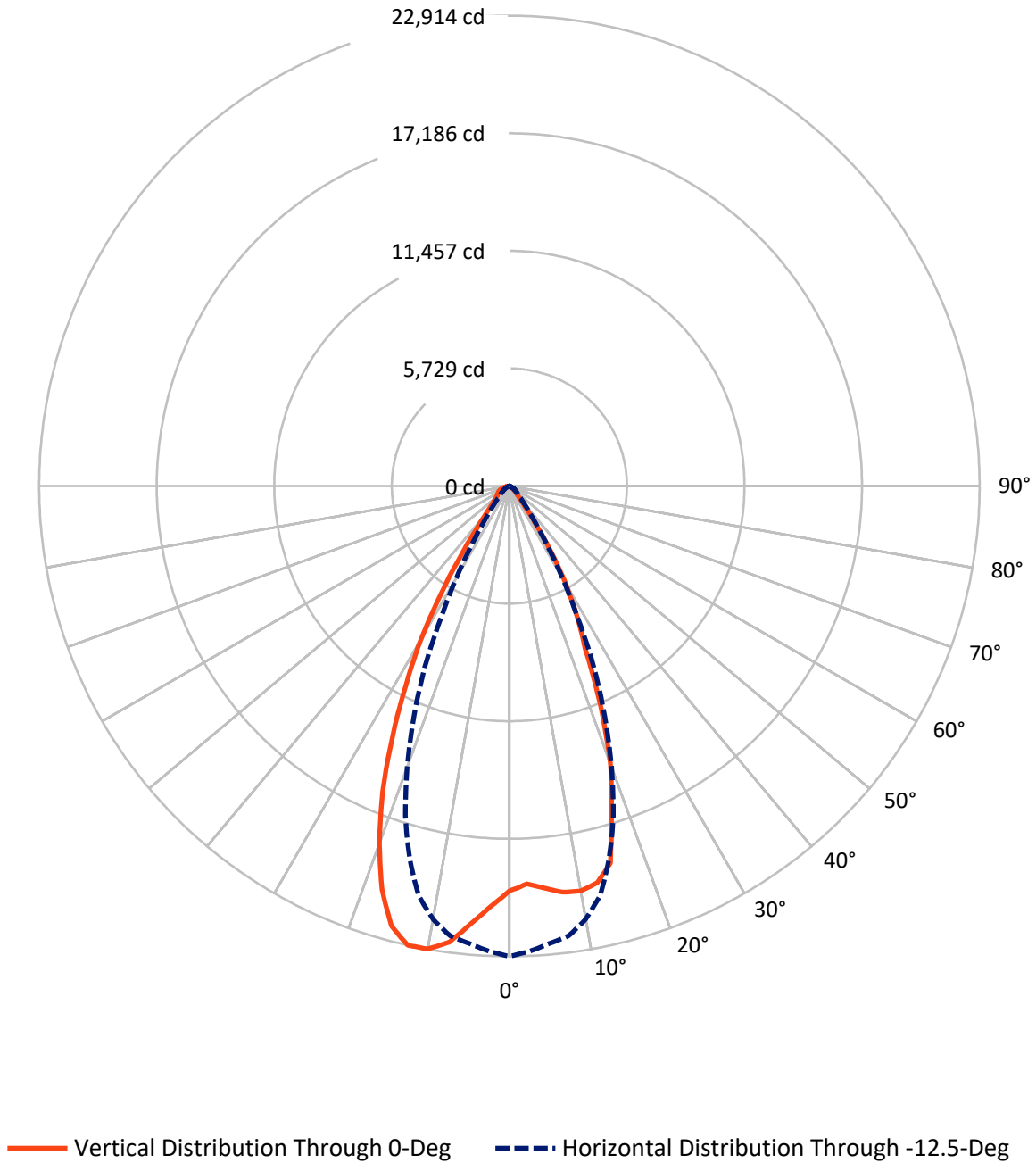
CATALOG NUMBER: GFLD-SA3C-740-U-MWR-VSR-XX

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	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.5	1.3	2.2	3.1	3.6	3.6	3.1	2.2	1.3	0.5	0.1		0.0			
40	0.1	0.1	0.6	2.3	4.6	7.5	11.2	13.8	13.8	11.2	7.5	4.6	2.3	0.6	0.1				
30		0.3	1.8	4.7	9.8	21.2	48.3	73.7	73.7	48.3	21.2	9.8	4.7	1.8		0.3			
20	0.2	0.7	3.0	7.6	20.5	76.0	195.8	273.7	273.7	195.8	76.0	20.5	7.6	3.0	0.2				
10		1.1	4.3	11.8	48.8	211.1	440.5	545.4	545.4	440.5	211.1	48.8	11.8	4.3		1.1			
0	0.3	1.4	5.3	15.2	77.8	310.9	567.9	615.7	615.7	567.9	310.9	77.8	15.2	5.3	0.3				
-10		1.7	5.8	16.3	81.4	321.1	588.4	653.5	653.5	588.4	321.1	81.4	16.3	5.8		1.7			
-20	0.5	1.8	5.9	14.8	58.2	239.1	496.4	633.8	633.8	496.4	239.1	58.2	14.8	5.9	0.5				
-30		1.7	5.6	12.3	32.5	116.0	276.6	389.2	389.2	276.6	116.0	32.5	12.3	5.6		1.7			
-40	0.4	1.5	5.0	10.2	19.4	41.3	86.4	128.2	128.2	86.4	41.3	19.4	10.2	5.0	0.4				
-50		1.3	4.2	8.5	14.2	21.0	29.5	34.9	34.9	29.5	21.0	14.2	8.5	4.2		1.3			
-60	0.3	1.0	3.2	6.7	11.2	15.4	19.3	21.1	21.1	19.3	15.4	11.2	6.7	3.2	0.3				
-70		0.7	2.0	4.6	7.8	11.0	14.0	15.6	15.6	14.0	11.0	7.8	4.6	2.0		0.7			
-80	0.1	1.8	8.2	17.5	22.5	17.5	8.2	1.8	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

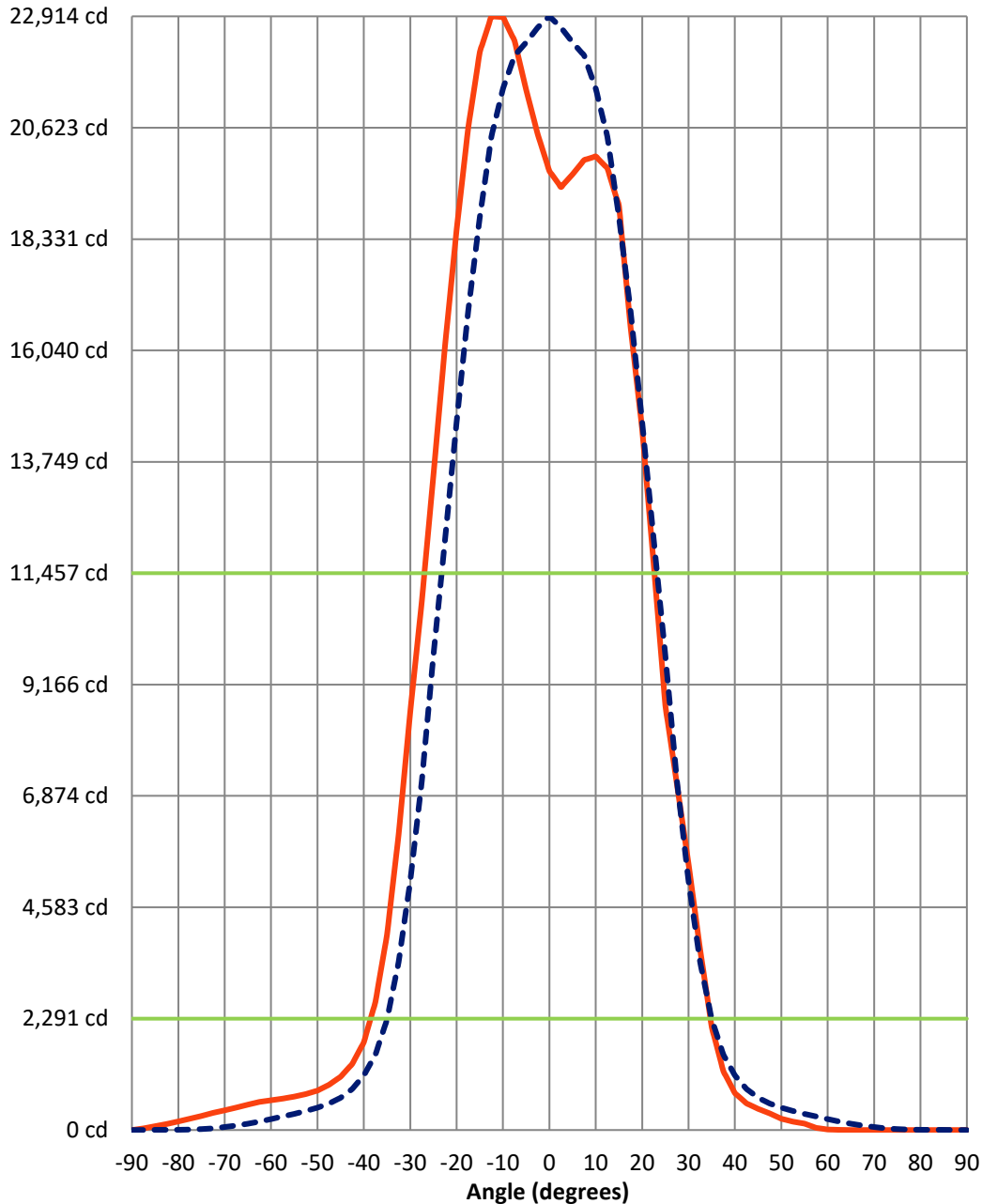
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 10955.1
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 14742.3
 Efficiency: 90.1%

Spill:
 Lumens: 1613.6
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -12.5-Deg

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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	1	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	1	0
65°	0	0	0	1	2	1	1	0	1	1	1
62.5°	0	0	0	1	2	1	1	1	2	2	2
60°	0	0	0	2	2	2	1	2	3	3	3
57.5°	0	0	0	2	2	2	1	3	3	3	4
55°	0	0	1	2	3	2	2	4	4	4	4
52.5°	0	0	1	3	3	2	3	4	4	4	4
50°	0	0	1	3	3	2	3	4	4	4	4
47.5°	0	0	1	4	3	3	4	4	4	4	5
45°	0	0	2	4	3	3	4	5	4	5	6
42.5°	0	0	2	4	3	3	5	5	4	6	8
40°	0	0	2	4	3	4	5	5	5	7	9
37.5°	0	0	2	4	3	4	5	5	6	8	10
35°	0	0	2	4	4	4	6	6	7	11	14
32.5°	0	0	3	4	4	4	6	6	9	13	22
30°	0	0	3	4	4	5	7	6	10	16	30
27.5°	0	0	3	4	4	5	7	7	12	20	37
25°	0	0	3	4	4	6	7	9	15	25	44
22.5°	0	0	3	4	4	6	7	10	18	31	51
20°	0	0	3	4	4	6	7	11	21	36	59
17.5°	0	0	3	4	4	7	8	12	24	41	68
15°	0	0	4	4	4	7	8	14	28	45	76
12.5°	0	0	4	4	4	7	9	17	31	48	84
10°	0	0	4	4	4	7	9	19	34	54	91
7.5°	0	0	4	4	4	7	10	22	36	61	97
5°	0	0	4	4	4	7	10	25	38	67	102
2.5°	0	0	4	4	4	7	11	28	40	73	106
0°	0	0	4	4	4	8	11	30	41	79	109
-2.5°	0	0	4	4	4	8	13	31	47	82	115
-5°	0	0	4	4	4	8	15	32	52	85	120
-7.5°	0	0	4	4	5	9	17	33	56	88	124
-10°	0	0	4	4	5	9	18	33	60	90	127
-12.5°	0	0	4	4	5	9	20	34	62	92	130
-15°	0	0	4	4	5	9	21	34	63	93	131
-17.5°	0	1	4	4	6	10	21	35	63	93	131
-20°	0	1	3	4	6	10	21	37	62	93	129

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REPORT NUMBER: P627166 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-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	1	3	4	6	10	22	38	61	92	126
-25°	0	1	3	4	6	10	22	38	60	90	121
-27.5°	0	1	3	4	6	11	21	38	58	87	118
-30°	0	1	3	4	6	12	21	37	57	85	115
-32.5°	0	1	3	4	6	12	20	37	57	82	110
-35°	0	1	3	4	6	12	20	36	55	80	105
-37.5°	0	1	3	4	6	12	21	35	53	77	103
-40°	0	1	3	4	6	12	21	33	50	74	101
-42.5°	0	1	3	4	6	12	20	32	47	70	98
-45°	0	1	3	4	7	12	20	30	45	66	93
-47.5°	0	1	3	4	7	12	19	29	43	61	88
-50°	0	1	3	4	7	12	19	28	41	58	81
-52.5°	0	1	3	4	7	11	18	27	39	55	74
-55°	0	1	3	5	7	11	18	25	37	52	69
-57.5°	0	1	3	5	7	11	17	24	35	48	64
-60°	0	1	3	5	7	10	16	23	32	45	59
-62.5°	0	1	3	5	6	10	15	21	30	41	54
-65°	0	1	3	5	6	9	14	20	27	37	49
-67.5°	0	1	3	5	6	8	12	18	24	33	43
-70°	0	1	2	5	6	8	11	16	21	28	37
-72.5°	0	1	2	4	6	8	10	13	18	24	31
-75°	0	0	2	4	6	7	9	12	15	20	26
-77.5°	0	0	2	3	5	7	8	11	13	16	20
-80°	0	0	1	2	4	6	8	9	11	14	16
-82.5°	0	0	1	2	3	4	6	8	9	11	13
-85°	0	0	1	1	2	3	4	5	6	8	10
-87.5°	0	0	0	1	1	1	2	3	3	4	5
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627166 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-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	1	1	1	0	0	0	0	0	0	0
65°	2	2	2	1	0	1	1	1	0	0	0
62.5°	4	3	2	2	2	3	2	1	0	1	1
60°	4	3	3	3	4	3	2	3	3	4	9
57.5°	4	4	3	4	4	4	5	5	13	22	25
55°	4	4	4	5	6	7	10	21	31	39	42
52.5°	4	4	6	7	9	14	26	38	48	56	66
50°	5	6	8	10	17	29	44	57	70	82	97
47.5°	6	8	11	16	30	47	64	82	97	114	134
45°	8	12	16	29	46	67	89	108	124	144	162
42.5°	9	18	27	41	66	91	115	131	149	170	194
40°	16	26	39	60	87	117	138	155	174	204	233
37.5°	23	36	52	80	112	140	161	182	209	244	279
35°	31	46	70	100	136	162	186	212	249	288	330
32.5°	40	55	87	122	155	183	209	248	287	331	388
30°	48	70	104	142	173	203	239	282	321	375	442
27.5°	57	84	121	158	190	221	269	311	356	416	497
25°	67	100	137	173	206	245	298	343	389	466	575
22.5°	79	114	153	187	221	271	328	383	443	520	654
20°	91	128	167	204	237	296	359	427	508	616	792
17.5°	102	140	181	220	262	322	393	473	574	708	966
15°	113	151	194	237	285	349	427	525	648	814	1136
12.5°	122	161	207	253	306	374	457	564	709	948	1352
10°	131	170	219	269	325	395	483	596	758	1044	1513
7.5°	138	180	231	284	341	414	505	623	802	1119	1639
5°	144	191	241	295	353	429	524	643	839	1174	1736
2.5°	150	201	249	304	361	441	538	662	874	1220	1819
0°	154	210	255	312	368	451	548	676	902	1251	1882
-2.5°	159	215	264	318	379	457	553	687	911	1255	1870
-5°	164	219	272	322	387	461	555	690	909	1246	1831
-7.5°	167	221	277	326	391	463	555	688	900	1225	1768
-10°	170	223	279	330	393	463	553	679	879	1184	1674
-12.5°	174	225	279	332	392	460	545	664	845	1124	1553
-15°	176	227	279	332	390	455	534	643	800	1043	1403
-17.5°	177	227	278	329	387	448	518	618	759	972	1296
-20°	177	226	276	323	383	440	507	598	724	904	1165

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CATALOG NUMBER: GFLD-SA3C-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°	175	224	274	319	375	432	495	574	680	828	1039
-25°	172	222	270	316	367	423	479	548	641	771	947
-27.5°	166	217	265	311	358	412	464	528	608	709	849
-30°	158	211	258	304	350	401	451	505	575	663	776
-32.5°	149	204	250	295	341	389	437	486	547	620	708
-35°	144	195	241	284	330	376	422	468	518	583	658
-37.5°	140	185	233	273	316	362	406	450	496	547	615
-40°	136	176	223	263	303	346	389	431	473	524	577
-42.5°	130	169	212	254	291	331	371	412	454	501	550
-45°	124	161	202	240	278	316	355	392	434	478	524
-47.5°	117	152	191	225	262	300	338	375	412	453	497
-50°	109	142	177	210	243	280	318	356	392	427	465
-52.5°	100	129	163	196	226	257	296	334	370	405	439
-55°	91	118	148	180	210	238	271	310	345	379	414
-57.5°	83	106	134	164	194	222	253	286	321	354	388
-60°	76	95	119	147	176	205	234	265	297	329	359
-62.5°	69	86	105	128	156	184	212	240	271	298	325
-65°	63	76	92	111	133	159	186	213	240	265	288
-67.5°	55	67	80	95	114	135	157	181	207	230	252
-70°	48	58	69	81	95	113	133	153	173	194	215
-72.5°	40	49	58	68	81	96	111	127	145	163	181
-75°	32	40	48	57	67	79	92	106	120	134	149
-77.5°	26	32	38	45	53	62	73	84	95	106	118
-80°	20	24	29	35	41	48	55	62	71	80	90
-82.5°	16	19	22	26	30	34	39	44	51	57	64
-85°	11	13	15	17	20	22	25	28	32	36	41
-87.5°	6	7	8	9	10	11	12	13	15	17	19
-90°	0	0	0	0	0	0	0	0	0	0	0



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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	2	2	3	3	3
60°	10	7	10	12	12	9	13	15	14	11	12
57.5°	26	28	33	38	42	45	48	52	55	56	58
55°	48	58	68	73	81	93	104	105	107	109	116
52.5°	77	89	94	103	119	129	134	142	152	161	169
50°	112	122	133	147	163	173	176	191	210	225	234
47.5°	147	160	181	206	219	230	246	266	287	309	326
45°	180	203	229	252	269	288	310	334	367	397	421
42.5°	217	243	270	296	315	347	384	413	460	501	527
40°	261	286	324	356	396	437	500	559	618	686	736
37.5°	313	352	406	458	516	577	690	806	901	1034	1108
35°	376	437	512	590	684	829	995	1219	1451	1646	1832
32.5°	448	526	630	769	926	1160	1408	1821	2223	2625	3019
30°	519	633	793	982	1242	1611	2080	2717	3408	4013	4561
27.5°	614	775	982	1266	1707	2249	3114	4000	4879	5665	6229
25°	729	945	1238	1708	2345	3242	4402	5488	6520	7290	7939
22.5°	895	1218	1635	2233	3389	4637	6025	7391	8551	9521	10160
20°	1100	1537	2234	3318	4677	6238	8025	9462	10890	11982	12957
17.5°	1390	2087	3070	4447	6072	8153	9993	11595	13409	14525	15520
15°	1651	2547	3949	5705	7609	9815	11985	13947	15698	16924	18036
12.5°	1982	3036	4648	6713	8796	11252	13507	15609	17323	18585	19363
10°	2278	3537	5345	7506	9837	12403	14740	16928	18588	19564	20136
7.5°	2516	3954	5911	8184	10645	13228	15697	17868	19457	20273	20664
5°	2701	4262	6354	8740	11296	13939	16459	18584	19922	20597	20815
2.5°	2840	4477	6652	9106	11736	14464	17037	19131	20273	20760	20832
0°	2934	4629	6845	9336	12113	14652	17350	19477	20562	20953	20991
-2.5°	2912	4574	6837	9253	12069	14737	17400	19499	20661	21186	21271
-5°	2853	4445	6610	9016	11726	14398	16938	19153	20579	21372	21724
-7.5°	2739	4223	6222	8564	11170	13844	16434	18733	20374	21490	22177
-10°	2544	3898	5726	7991	10560	13108	15668	18054	19822	21165	22122
-12.5°	2278	3457	5122	7181	9763	12142	14566	16852	18781	20437	21426
-15°	2004	2998	4493	6377	8625	10968	13208	15451	17355	18903	20137
-17.5°	1808	2596	3765	5414	7388	9611	11796	13856	15574	17030	18324
-20°	1561	2146	3072	4458	6196	8139	10232	12066	13600	14965	16202

Classified

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

Scaled Data Report



REPORT NUMBER: P627166 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	1364	1838	2507	3452	5013	6727	8439	10128	11570	12786	13841
-25°	1185	1518	2041	2810	3825	5305	6747	8173	9505	10635	11585
-27.5°	1045	1309	1658	2205	2976	3839	5103	6295	7440	8473	9369
-30°	917	1115	1388	1730	2254	2896	3656	4547	5460	6276	7090
-32.5°	826	967	1154	1408	1701	2161	2620	3220	3798	4393	4977
-35°	743	857	984	1154	1355	1623	1926	2293	2602	2991	3350
-37.5°	687	767	864	971	1115	1265	1470	1692	1884	2101	2283
-40°	640	703	769	841	940	1041	1173	1298	1420	1552	1651
-42.5°	601	651	699	754	813	894	983	1061	1135	1212	1277
-45°	570	607	646	689	734	792	855	913	961	1005	1040
-47.5°	537	570	604	637	676	718	759	797	837	870	895
-50°	504	537	568	597	630	663	696	726	754	779	795
-52.5°	472	507	537	563	591	619	646	673	697	720	730
-55°	448	480	510	534	558	581	605	630	654	675	682
-57.5°	421	454	483	505	527	548	570	593	616	636	642
-60°	391	425	451	471	493	516	537	558	579	596	603
-62.5°	355	385	409	429	449	468	491	513	534	552	563
-65°	311	338	361	381	400	419	440	461	480	496	507
-67.5°	274	294	313	331	350	369	389	408	426	440	449
-70°	236	255	273	290	307	323	339	355	371	383	392
-72.5°	199	216	231	247	262	276	290	304	317	328	336
-75°	165	179	192	205	218	229	240	251	261	270	278
-77.5°	130	141	153	164	175	184	192	200	208	216	223
-80°	99	108	116	124	133	139	146	152	158	164	169
-82.5°	71	77	82	88	93	98	103	107	112	116	120
-85°	45	48	52	55	57	60	63	66	69	71	74
-87.5°	22	23	24	26	27	29	30	31	33	34	35
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	3	4	4	4	4	4	3	3	3	3	2
60°	12	11	11	11	11	11	12	12	11	14	15
57.5°	57	53	49	45	49	53	57	58	56	55	52
55°	123	130	133	132	133	130	123	116	109	107	105
52.5°	174	178	177	173	177	178	174	169	161	152	142
50°	238	239	237	233	237	239	238	234	225	210	191
47.5°	335	340	342	342	342	340	335	326	309	287	266
45°	430	434	436	436	436	434	430	421	397	367	334
42.5°	540	549	551	549	551	549	540	527	501	460	413
40°	766	775	771	759	771	775	766	736	686	618	559
37.5°	1160	1197	1213	1214	1213	1197	1160	1108	1034	901	806
35°	2000	2134	2196	2119	2196	2134	2000	1832	1646	1451	1219
32.5°	3341	3578	3712	3712	3712	3578	3341	3019	2625	2223	1821
30°	4974	5272	5439	5474	5439	5272	4974	4561	4013	3408	2717
27.5°	6669	6976	7135	7112	7135	6976	6669	6229	5665	4879	4000
25°	8369	8601	8735	8739	8735	8601	8369	7939	7290	6520	5488
22.5°	10880	11369	11571	11624	11571	11369	10880	10160	9521	8551	7391
20°	13617	14092	14398	14416	14398	14092	13617	12957	11982	10890	9462
17.5°	16225	16460	16504	16524	16504	16460	16225	15520	14525	13409	11595
15°	18683	18766	18983	19011	18983	18766	18683	18036	16924	15698	13947
12.5°	19851	19927	19889	19788	19889	19927	19851	19363	18585	17323	15609
10°	20488	20381	20223	20033	20223	20381	20488	20136	19564	18588	16928
7.5°	20632	20514	20234	19958	20234	20514	20632	20664	20273	19457	17868
5°	20700	20353	20001	19664	20001	20353	20700	20815	20597	19922	18584
2.5°	20660	20247	19763	19401	19763	20247	20660	20832	20760	20273	19131
0°	20791	20374	19867	19732	19867	20374	20791	20991	20953	20562	19477
-2.5°	21159	20821	20556	20483	20556	20821	21159	21271	21186	20661	19499
-5°	21819	21744	21294	21400	21294	21744	21819	21724	21372	20579	19153
-7.5°	22457	22351	22161	22407	22161	22351	22457	22177	21490	20374	18733
-10°	22626	22592	22681	22899	22681	22592	22626	22122	21165	19822	18054
-12.5°	22106	22379	22684	22914	22684	22379	22106	21426	20437	18781	16852
-15°	20947	21505	21961	22178	21961	21505	20947	20137	18903	17355	15451
-17.5°	19240	19923	20464	20619	20464	19923	19240	18324	17030	15574	13856
-20°	17138	17833	18326	18522	18326	17833	17138	16202	14965	13600	12066

Classified

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

Scaled Data Report



REPORT NUMBER: P627166 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	14773	15451	15898	16133	15898	15451	14773	13841	12786	11570	10128
-25°	12372	12969	13365	13469	13365	12969	12372	11585	10635	9505	8173
-27.5°	10077	10556	10848	10880	10848	10556	10077	9369	8473	7440	6295
-30°	7767	8213	8466	8600	8466	8213	7767	7090	6276	5460	4547
-32.5°	5455	5808	6023	6079	6023	5808	5455	4977	4393	3798	3220
-35°	3637	3857	3993	4020	3993	3857	3637	3350	2991	2602	2293
-37.5°	2432	2539	2605	2637	2605	2539	2432	2283	2101	1884	1692
-40°	1723	1773	1801	1807	1801	1773	1723	1651	1552	1420	1298
-42.5°	1318	1343	1357	1360	1357	1343	1318	1277	1212	1135	1061
-45°	1065	1083	1093	1097	1093	1083	1065	1040	1005	961	913
-47.5°	911	922	929	932	929	922	911	895	870	837	797
-50°	804	810	813	812	813	810	804	795	779	754	726
-52.5°	736	740	742	740	742	740	736	730	720	697	673
-55°	686	689	689	688	689	689	686	682	675	654	630
-57.5°	647	651	650	646	650	651	647	642	636	616	593
-60°	609	614	614	612	614	614	609	603	596	579	558
-62.5°	572	579	580	579	580	579	572	563	552	534	513
-65°	517	526	526	522	526	526	517	507	496	480	461
-67.5°	457	463	464	462	464	463	457	449	440	426	408
-70°	400	407	407	406	407	407	400	392	383	371	355
-72.5°	344	351	353	353	353	351	344	336	328	317	304
-75°	285	291	291	289	291	291	285	278	270	261	251
-77.5°	229	235	235	233	235	235	229	223	216	208	200
-80°	175	179	178	177	178	179	175	169	164	158	152
-82.5°	124	127	126	124	126	127	124	120	116	112	107
-85°	76	79	79	79	79	79	76	74	71	69	66
-87.5°	36	37	36	34	36	37	36	35	34	33	31
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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	1
62.5°	2	1	1	1	1	1	1	1	1	0	1
60°	13	9	12	12	10	7	10	9	4	3	3
57.5°	48	45	42	38	33	28	26	25	22	13	5
55°	104	93	81	73	68	58	48	42	39	31	21
52.5°	134	129	119	103	94	89	77	66	56	48	38
50°	176	173	163	147	133	122	112	97	82	70	57
47.5°	246	230	219	206	181	160	147	134	114	97	82
45°	310	288	269	252	229	203	180	162	144	124	108
42.5°	384	347	315	296	270	243	217	194	170	149	131
40°	500	437	396	356	324	286	261	233	204	174	155
37.5°	690	577	516	458	406	352	313	279	244	209	182
35°	995	829	684	590	512	437	376	330	288	249	212
32.5°	1408	1160	926	769	630	526	448	388	331	287	248
30°	2080	1611	1242	982	793	633	519	442	375	321	282
27.5°	3114	2249	1707	1266	982	775	614	497	416	356	311
25°	4402	3242	2345	1708	1238	945	729	575	466	389	343
22.5°	6025	4637	3389	2233	1635	1218	895	654	520	443	383
20°	8025	6238	4677	3318	2234	1537	1100	792	616	508	427
17.5°	9993	8153	6072	4447	3070	2087	1390	966	708	574	473
15°	11985	9815	7609	5705	3949	2547	1651	1136	814	648	525
12.5°	13507	11252	8796	6713	4648	3036	1982	1352	948	709	564
10°	14740	12403	9837	7506	5345	3537	2278	1513	1044	758	596
7.5°	15697	13228	10645	8184	5911	3954	2516	1639	1119	802	623
5°	16459	13939	11296	8740	6354	4262	2701	1736	1174	839	643
2.5°	17037	14464	11736	9106	6652	4477	2840	1819	1220	874	662
0°	17350	14652	12113	9336	6845	4629	2934	1882	1251	902	676
-2.5°	17400	14737	12069	9253	6837	4574	2912	1870	1255	911	687
-5°	16938	14398	11726	9016	6610	4445	2853	1831	1246	909	690
-7.5°	16434	13844	11170	8564	6222	4223	2739	1768	1225	900	688
-10°	15668	13108	10560	7991	5726	3898	2544	1674	1184	879	679
-12.5°	14566	12142	9763	7181	5122	3457	2278	1553	1124	845	664
-15°	13208	10968	8625	6377	4493	2998	2004	1403	1043	800	643
-17.5°	11796	9611	7388	5414	3765	2596	1808	1296	972	759	618
-20°	10232	8139	6196	4458	3072	2146	1561	1165	904	724	598

Classified

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

Scaled Data Report



REPORT NUMBER: P627166 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	8439	6727	5013	3452	2507	1838	1364	1039	828	680	574
-25°	6747	5305	3825	2810	2041	1518	1185	947	771	641	548
-27.5°	5103	3839	2976	2205	1658	1309	1045	849	709	608	528
-30°	3656	2896	2254	1730	1388	1115	917	776	663	575	505
-32.5°	2620	2161	1701	1408	1154	967	826	708	620	547	486
-35°	1926	1623	1355	1154	984	857	743	658	583	518	468
-37.5°	1470	1265	1115	971	864	767	687	615	547	496	450
-40°	1173	1041	940	841	769	703	640	577	524	473	431
-42.5°	983	894	813	754	699	651	601	550	501	454	412
-45°	855	792	734	689	646	607	570	524	478	434	392
-47.5°	759	718	676	637	604	570	537	497	453	412	375
-50°	696	663	630	597	568	537	504	465	427	392	356
-52.5°	646	619	591	563	537	507	472	439	405	370	334
-55°	605	581	558	534	510	480	448	414	379	345	310
-57.5°	570	548	527	505	483	454	421	388	354	321	286
-60°	537	516	493	471	451	425	391	359	329	297	265
-62.5°	491	468	449	429	409	385	355	325	298	271	240
-65°	440	419	400	381	361	338	311	288	265	240	213
-67.5°	389	369	350	331	313	294	274	252	230	207	181
-70°	339	323	307	290	273	255	236	215	194	173	153
-72.5°	290	276	262	247	231	216	199	181	163	145	127
-75°	240	229	218	205	192	179	165	149	134	120	106
-77.5°	192	184	175	164	153	141	130	118	106	95	84
-80°	146	139	133	124	116	108	99	90	80	71	62
-82.5°	103	98	93	88	82	77	71	64	57	51	44
-85°	63	60	57	55	52	48	45	41	36	32	28
-87.5°	30	29	27	26	24	23	22	19	17	15	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627166 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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	1	1	1	0	0	1	0	0
65°	1	1	0	1	2	2	2	1	1	1	0
62.5°	2	3	2	2	2	3	4	2	2	2	1
60°	2	3	4	3	3	3	4	3	3	3	2
57.5°	5	4	4	4	3	4	4	4	3	3	3
55°	10	7	6	5	4	4	4	4	4	4	4
52.5°	26	14	9	7	6	4	4	4	4	4	4
50°	44	29	17	10	8	6	5	4	4	4	4
47.5°	64	47	30	16	11	8	6	5	4	4	4
45°	89	67	46	29	16	12	8	6	5	4	5
42.5°	115	91	66	41	27	18	9	8	6	4	5
40°	138	117	87	60	39	26	16	9	7	5	5
37.5°	161	140	112	80	52	36	23	10	8	6	5
35°	186	162	136	100	70	46	31	14	11	7	6
32.5°	209	183	155	122	87	55	40	22	13	9	6
30°	239	203	173	142	104	70	48	30	16	10	6
27.5°	269	221	190	158	121	84	57	37	20	12	7
25°	298	245	206	173	137	100	67	44	25	15	9
22.5°	328	271	221	187	153	114	79	51	31	18	10
20°	359	296	237	204	167	128	91	59	36	21	11
17.5°	393	322	262	220	181	140	102	68	41	24	12
15°	427	349	285	237	194	151	113	76	45	28	14
12.5°	457	374	306	253	207	161	122	84	48	31	17
10°	483	395	325	269	219	170	131	91	54	34	19
7.5°	505	414	341	284	231	180	138	97	61	36	22
5°	524	429	353	295	241	191	144	102	67	38	25
2.5°	538	441	361	304	249	201	150	106	73	40	28
0°	548	451	368	312	255	210	154	109	79	41	30
-2.5°	553	457	379	318	264	215	159	115	82	47	31
-5°	555	461	387	322	272	219	164	120	85	52	32
-7.5°	555	463	391	326	277	221	167	124	88	56	33
-10°	553	463	393	330	279	223	170	127	90	60	33
-12.5°	545	460	392	332	279	225	174	130	92	62	34
-15°	534	455	390	332	279	227	176	131	93	63	34
-17.5°	518	448	387	329	278	227	177	131	93	63	35
-20°	507	440	383	323	276	226	177	129	93	62	37

Classified

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

Scaled Data Report



REPORT NUMBER: P627166 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	495	432	375	319	274	224	175	126	92	61	38
-25°	479	423	367	316	270	222	172	121	90	60	38
-27.5°	464	412	358	311	265	217	166	118	87	58	38
-30°	451	401	350	304	258	211	158	115	85	57	37
-32.5°	437	389	341	295	250	204	149	110	82	57	37
-35°	422	376	330	284	241	195	144	105	80	55	36
-37.5°	406	362	316	273	233	185	140	103	77	53	35
-40°	389	346	303	263	223	176	136	101	74	50	33
-42.5°	371	331	291	254	212	169	130	98	70	47	32
-45°	355	316	278	240	202	161	124	93	66	45	30
-47.5°	338	300	262	225	191	152	117	88	61	43	29
-50°	318	280	243	210	177	142	109	81	58	41	28
-52.5°	296	257	226	196	163	129	100	74	55	39	27
-55°	271	238	210	180	148	118	91	69	52	37	25
-57.5°	253	222	194	164	134	106	83	64	48	35	24
-60°	234	205	176	147	119	95	76	59	45	32	23
-62.5°	212	184	156	128	105	86	69	54	41	30	21
-65°	186	159	133	111	92	76	63	49	37	27	20
-67.5°	157	135	114	95	80	67	55	43	33	24	18
-70°	133	113	95	81	69	58	48	37	28	21	16
-72.5°	111	96	81	68	58	49	40	31	24	18	13
-75°	92	79	67	57	48	40	32	26	20	15	12
-77.5°	73	62	53	45	38	32	26	20	16	13	11
-80°	55	48	41	35	29	24	20	16	14	11	9
-82.5°	39	34	30	26	22	19	16	13	11	9	8
-85°	25	22	20	17	15	13	11	10	8	6	5
-87.5°	12	11	10	9	8	7	6	5	4	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: P627166 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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	1	0	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	1	1	2	1	0	0	0
62.5°	1	1	2	1	0	0	0
60°	1	2	2	2	0	0	0
57.5°	1	2	2	2	0	0	0
55°	2	2	3	2	1	0	0
52.5°	3	2	3	3	1	0	0
50°	3	2	3	3	1	0	0
47.5°	4	3	3	4	1	0	0
45°	4	3	3	4	2	0	0
42.5°	5	3	3	4	2	0	0
40°	5	4	3	4	2	0	0
37.5°	5	4	3	4	2	0	0
35°	6	4	4	4	2	0	0
32.5°	6	4	4	4	3	0	0
30°	7	5	4	4	3	0	0
27.5°	7	5	4	4	3	0	0
25°	7	6	4	4	3	0	0
22.5°	7	6	4	4	3	0	0
20°	7	6	4	4	3	0	0
17.5°	8	7	4	4	3	0	0
15°	8	7	4	4	4	0	0
12.5°	9	7	4	4	4	0	0
10°	9	7	4	4	4	0	0
7.5°	10	7	4	4	4	0	0
5°	10	7	4	4	4	0	0
2.5°	11	7	4	4	4	0	0
0°	11	8	4	4	4	0	0
-2.5°	13	8	4	4	4	0	0
-5°	15	8	4	4	4	0	0
-7.5°	17	9	5	4	4	0	0
-10°	18	9	5	4	4	0	0
-12.5°	20	9	5	4	4	0	0
-15°	21	9	5	4	4	0	0
-17.5°	21	10	6	4	4	1	0
-20°	21	10	6	4	3	1	0

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REPORT NUMBER: P627166 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22	10	6	4	3	1	0
-25°	22	10	6	4	3	1	0
-27.5°	21	11	6	4	3	1	0
-30°	21	12	6	4	3	1	0
-32.5°	20	12	6	4	3	1	0
-35°	20	12	6	4	3	1	0
-37.5°	21	12	6	4	3	1	0
-40°	21	12	6	4	3	1	0
-42.5°	20	12	6	4	3	1	0
-45°	20	12	7	4	3	1	0
-47.5°	19	12	7	4	3	1	0
-50°	19	12	7	4	3	1	0
-52.5°	18	11	7	4	3	1	0
-55°	18	11	7	5	3	1	0
-57.5°	17	11	7	5	3	1	0
-60°	16	10	7	5	3	1	0
-62.5°	15	10	6	5	3	1	0
-65°	14	9	6	5	3	1	0
-67.5°	12	8	6	5	3	1	0
-70°	11	8	6	5	2	1	0
-72.5°	10	8	6	4	2	1	0
-75°	9	7	6	4	2	0	0
-77.5°	8	7	5	3	2	0	0
-80°	8	6	4	2	1	0	0
-82.5°	6	4	3	2	1	0	0
-85°	4	3	2	1	1	0	0
-87.5°	2	1	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)