

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: P627174 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-750-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627174 (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-SA3C-750-U-MR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16672.7 lumens
Efficiency: N/A
Efficacy: 137.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 58784.8 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 8336.5 lumens
Beam Efficiency: 50.0%

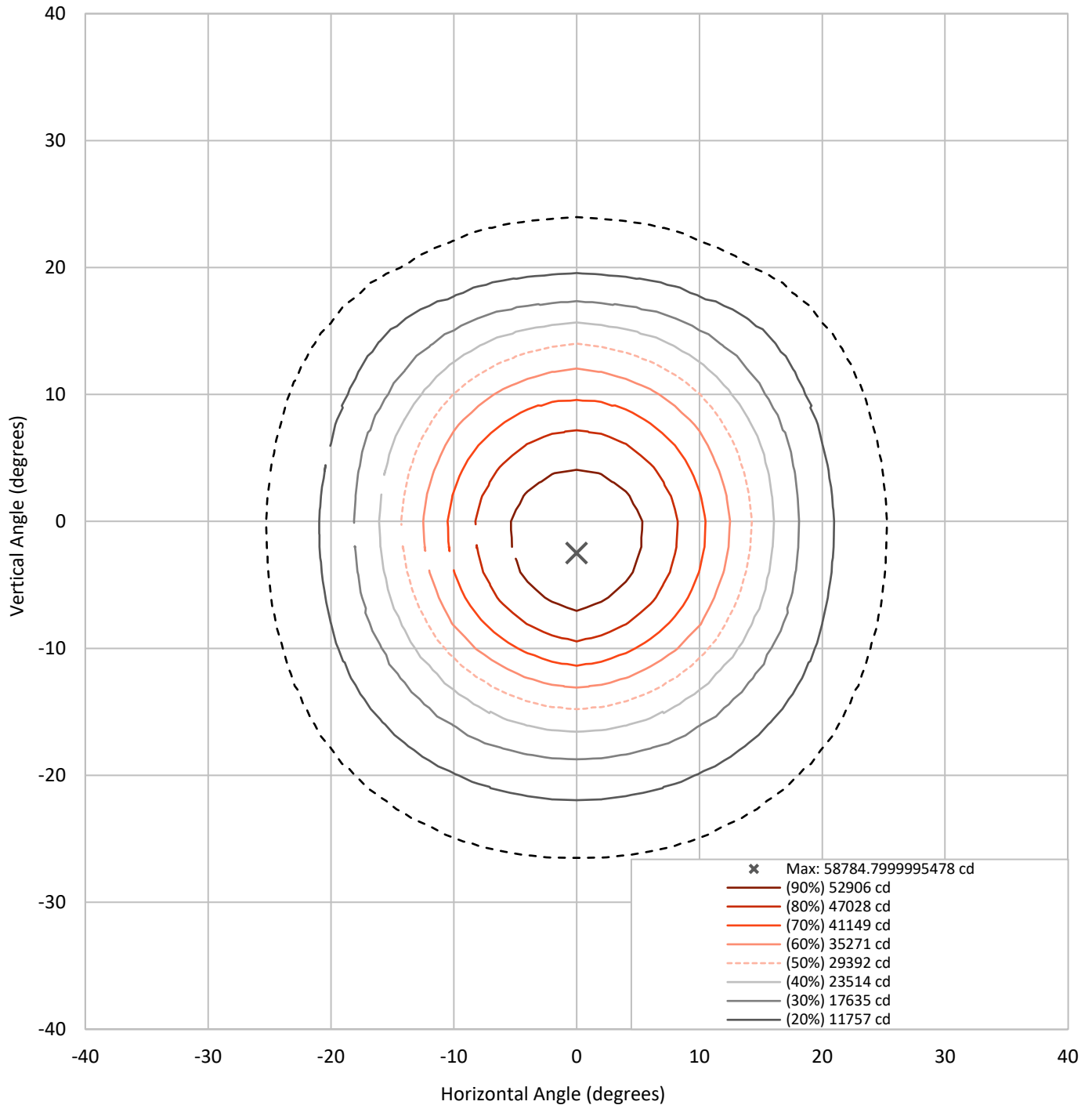
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 14324.9 lumens
Field Efficiency: 85.9%

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



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CATALOG NUMBER: GFLD-SA3C-750-U-MR-VSR-XX

Iso-Candela Plot





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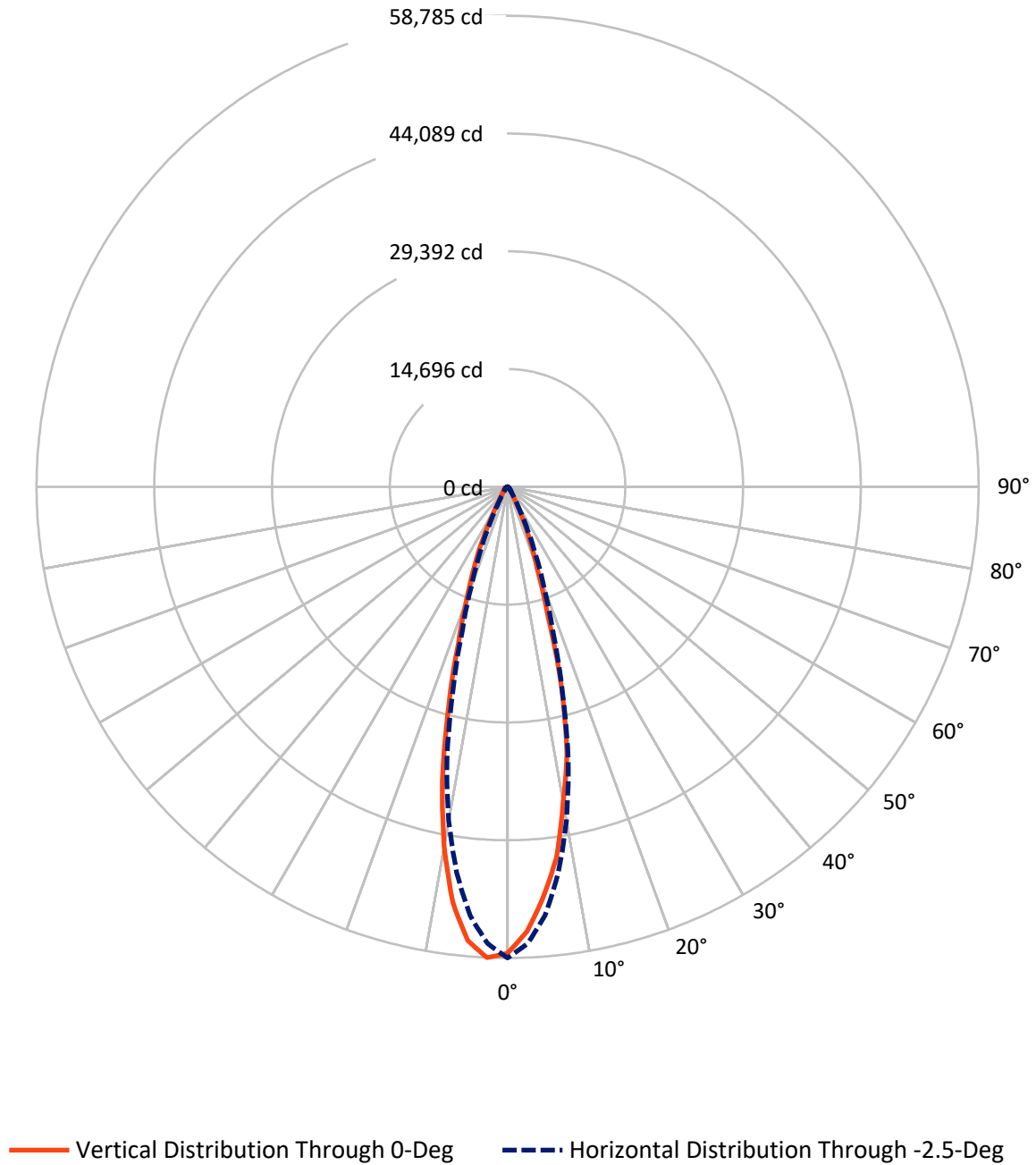
CATALOG NUMBER: GFLD-SA3C-750-U-MR-VSR-XX

Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.0	0.0	0.0	0.0	0.1	0.1	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	1.1	1.9	2.6	3.1	3.1	2.6	1.9	1.1	0.5	0.1		0.0			
40	0.0	0.1	0.6	1.8	3.5	5.4	7.6	8.9	8.9	7.6	5.4	3.5	1.8	0.6	0.1	0.0			
30		0.2	1.4	3.6	6.6	10.8	18.0	24.0	24.0	18.0	10.8	6.6	3.6	1.4	0.2				
20	0.1	0.5	2.2	5.4	10.4	25.2	79.1	145.1	145.1	79.1	25.2	10.4	5.4	2.2	0.5	0.1			
10		0.8	3.1	7.4	17.7	86.8	353.1	691.4	691.4	353.1	86.8	17.7	7.4	3.1	0.8				
0	0.2	1.1	3.8	8.8	25.4	165.5	712.9	1397.4	1397.4	712.9	165.5	25.4	8.8	3.8	1.1	0.2			
-10		1.2	4.1	9.3	27.2	173.4	731.5	1481.7	1481.7	731.5	173.4	27.2	9.3	4.1	1.2				
-20	0.3	1.3	4.2	9.1	22.4	106.5	404.5	784.1	784.1	404.5	106.5	22.4	9.1	4.2	1.3	0.3			
-30		1.2	4.0	8.3	16.4	41.3	125.3	223.5	223.5	125.3	41.3	16.4	8.3	4.0	1.2				
-40	0.3	1.1	3.5	7.2	12.4	20.4	33.3	44.6	44.6	33.3	20.4	12.4	7.2	3.5	1.1	0.3			
-50		0.9	2.9	6.0	9.8	14.1	18.5	20.8	20.8	18.5	14.1	9.8	6.0	2.9	0.9				
-60	0.2	0.7	2.2	4.6	7.7	10.7	13.3	14.5	14.5	13.3	10.7	7.7	4.6	2.2	0.7	0.2			
-70		0.4	1.4	3.0	5.1	7.3	9.1	10.1	10.1	9.1	7.3	5.1	3.0	1.4	0.4				
-80	0.1	1.1	4.9	10.6	13.4	10.6	4.9	1.1	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

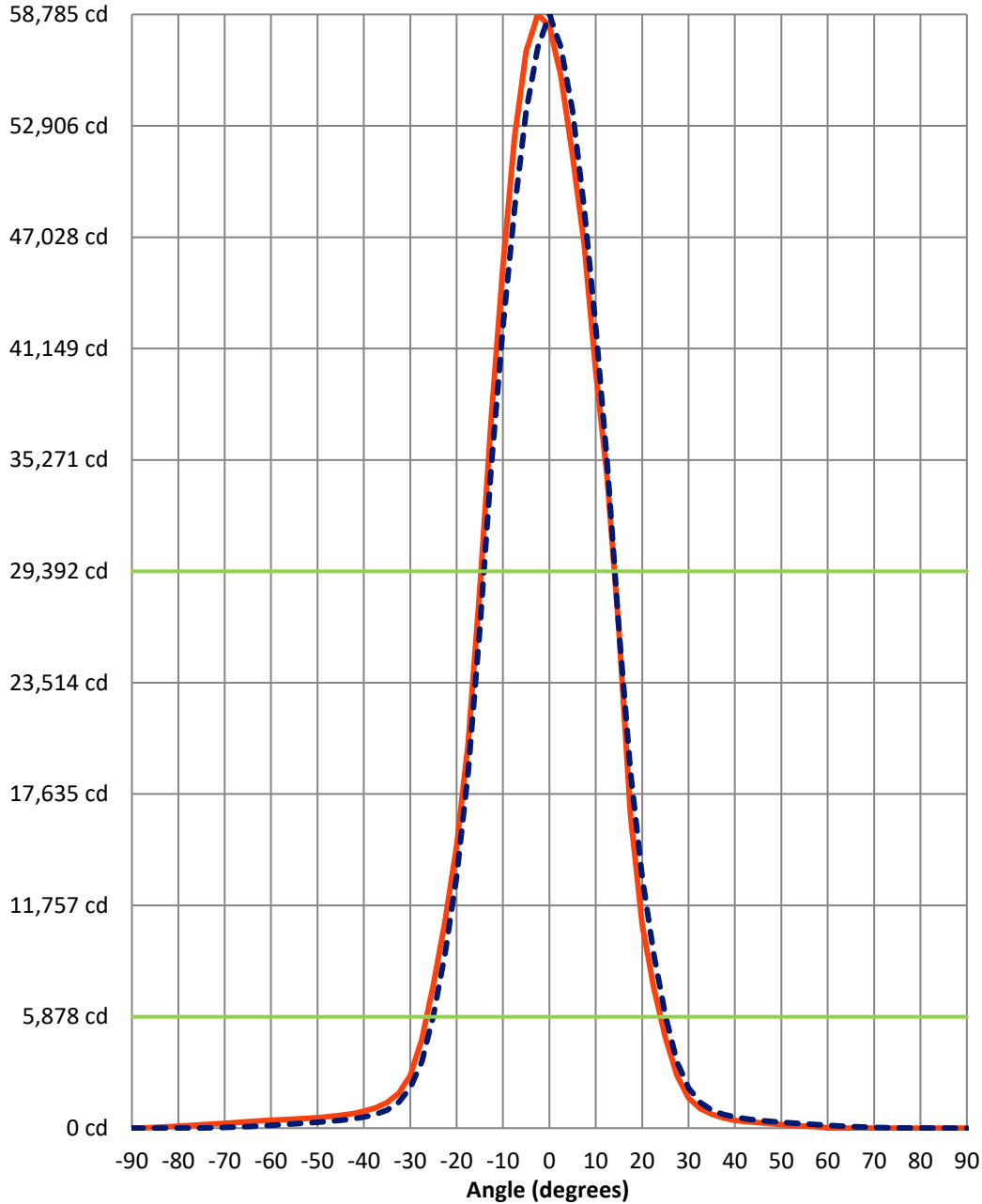
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 8336.5
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 14324.9
 Efficiency: 85.9%

Spill:
 Lumens: 2347.7
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -2.5-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	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	0
60°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	1	2	1
55°	0	0	0	0	0	0	0	0	2	2	2
52.5°	0	0	0	0	0	0	1	1	3	3	2
50°	0	0	0	0	0	0	1	2	3	3	3
47.5°	0	0	0	0	0	1	1	3	4	3	3
45°	0	0	0	0	0	1	2	3	4	3	4
42.5°	0	0	0	0	0	2	3	4	4	4	6
40°	0	0	0	0	0	2	3	4	4	4	9
37.5°	0	0	0	0	1	3	3	4	5	5	12
35°	0	0	0	0	1	3	4	4	6	9	16
32.5°	0	0	0	0	1	3	4	4	7	12	20
30°	0	0	0	0	2	3	4	4	8	16	25
27.5°	0	0	0	0	2	4	4	5	10	19	29
25°	0	0	0	0	2	4	4	6	13	22	35
22.5°	0	0	0	0	3	4	4	8	16	26	41
20°	0	0	0	0	3	4	4	9	18	31	48
17.5°	0	0	0	0	3	4	4	11	20	35	53
15°	0	0	0	0	3	4	4	13	22	39	59
12.5°	0	0	0	0	3	4	5	14	24	43	63
10°	0	0	0	0	3	4	5	16	27	47	68
7.5°	0	0	0	0	4	4	6	18	28	50	72
5°	0	0	0	0	4	4	6	19	30	54	75
2.5°	0	0	0	0	4	4	7	21	32	57	79
0°	0	0	0	0	4	4	7	22	33	59	81
-2.5°	0	0	0	0	4	4	9	23	37	61	84
-5°	0	0	0	0	4	5	10	23	39	63	86
-7.5°	0	0	0	1	4	5	11	23	42	64	87
-10°	0	0	0	1	4	5	13	23	44	65	88
-12.5°	0	0	0	1	4	5	14	24	45	66	90
-15°	0	0	0	1	3	6	14	24	45	67	92
-17.5°	0	0	0	1	3	6	15	25	45	68	93
-20°	0	0	0	2	3	6	15	26	44	68	92

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Scaled Data Report



REPORT NUMBER: P627174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-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	2	3	6	15	27	43	67	91
-25°	0	0	0	2	3	6	15	27	42	65	89
-27.5°	0	0	0	2	4	7	15	28	41	63	87
-30°	0	0	0	2	4	7	15	28	40	61	84
-32.5°	0	0	0	2	4	7	15	27	40	59	81
-35°	0	0	0	1	4	7	15	27	40	57	77
-37.5°	0	0	0	1	5	8	15	26	39	54	75
-40°	0	0	0	1	5	8	15	25	38	53	73
-42.5°	0	0	0	1	5	8	15	24	36	51	70
-45°	0	0	0	1	5	8	14	23	35	49	67
-47.5°	0	0	0	0	4	8	13	22	33	46	63
-50°	0	0	0	1	4	8	13	21	32	43	59
-52.5°	0	0	0	1	4	7	12	19	29	41	54
-55°	0	0	0	1	3	7	11	18	27	38	50
-57.5°	0	0	0	1	3	7	11	16	24	34	46
-60°	0	0	0	1	3	6	10	15	22	31	41
-62.5°	0	0	0	1	3	6	9	13	20	27	37
-65°	0	0	0	1	3	5	8	12	18	24	32
-67.5°	0	0	0	1	2	5	8	11	15	21	28
-70°	0	0	0	1	2	4	7	10	13	18	24
-72.5°	0	0	0	1	2	4	6	8	11	15	20
-75°	0	0	0	1	2	3	5	7	9	12	16
-77.5°	0	0	0	1	2	3	5	6	7	9	12
-80°	0	0	0	0	1	2	4	5	6	7	9
-82.5°	0	0	0	0	1	2	3	3	4	5	6
-85°	0	0	0	0	1	1	2	2	3	3	3
-87.5°	0	0	0	0	0	1	1	1	1	1	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627174 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-750-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	0	1	1
60°	0	0	1	1	1	2	2	3	3	4	8
57.5°	0	1	2	2	3	4	6	7	12	17	20
55°	1	2	3	3	5	9	12	18	25	32	39
52.5°	2	4	3	6	11	16	24	32	42	49	56
50°	3	4	5	12	18	27	38	50	59	66	76
47.5°	5	6	11	19	28	41	56	66	75	88	103
45°	7	11	18	28	41	58	71	81	95	111	127
42.5°	10	17	26	37	57	74	86	100	116	133	150
40°	14	22	35	52	72	88	104	120	136	157	175
37.5°	19	31	45	66	87	105	123	141	161	182	203
35°	23	39	57	79	100	122	142	163	187	211	235
32.5°	30	48	68	91	114	138	160	187	213	238	268
30°	38	57	79	103	127	153	181	211	236	265	297
27.5°	46	66	89	115	140	168	202	231	259	290	325
25°	54	75	99	125	153	184	221	251	280	315	356
22.5°	61	84	111	135	165	202	239	273	306	340	388
20°	69	93	121	147	177	218	257	295	333	377	430
17.5°	76	102	132	161	194	234	275	317	360	414	480
15°	82	111	142	173	209	250	293	340	390	452	528
12.5°	89	118	152	185	222	264	309	358	416	490	584
10°	94	125	161	196	234	277	323	373	436	516	626
7.5°	99	131	169	205	244	289	335	387	453	538	660
5°	104	138	176	212	252	298	345	399	466	555	687
2.5°	108	143	181	218	258	303	351	406	475	571	708
0°	111	148	185	222	263	307	355	411	481	585	722
-2.5°	115	153	189	227	268	311	359	415	488	589	725
-5°	117	157	193	230	271	313	362	417	491	589	727
-7.5°	119	159	195	233	274	316	363	419	492	588	726
-10°	121	161	197	235	276	318	364	418	490	582	714
-12.5°	123	162	198	236	277	318	362	415	483	571	691
-15°	124	162	198	235	277	318	359	408	472	556	661
-17.5°	125	161	197	233	274	316	355	402	462	541	641
-20°	125	160	195	230	271	312	352	397	452	522	612

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CATALOG NUMBER: GFLD-SA3C-750-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°	124	159	193	227	266	307	346	389	440	499	580
-25°	122	157	190	224	260	299	339	379	428	484	552
-27.5°	119	154	187	220	254	291	330	369	413	465	524
-30°	114	150	182	215	248	283	319	358	398	446	500
-32.5°	109	144	176	208	242	275	308	345	384	425	474
-35°	104	138	170	200	234	266	297	330	368	407	448
-37.5°	101	131	163	192	224	256	285	316	350	388	425
-40°	97	124	155	184	213	245	274	301	332	368	404
-42.5°	93	119	147	175	203	232	261	288	317	350	384
-45°	89	113	139	167	194	219	247	275	303	333	364
-47.5°	84	107	132	157	183	209	233	260	289	317	345
-50°	78	101	124	146	171	198	223	246	272	300	327
-52.5°	72	93	114	135	159	183	209	233	255	279	305
-55°	65	85	105	125	145	168	192	216	240	262	284
-57.5°	59	75	94	114	132	152	175	198	221	243	266
-60°	53	67	83	102	120	138	158	179	201	222	242
-62.5°	47	59	73	88	106	124	142	161	180	198	216
-65°	41	51	63	76	91	107	124	142	160	174	188
-67.5°	35	44	53	64	77	90	104	120	136	149	162
-70°	30	36	44	54	64	75	87	99	111	123	136
-72.5°	25	31	37	43	51	61	71	81	91	102	112
-75°	21	25	30	35	41	49	57	66	74	82	91
-77.5°	16	20	24	27	32	38	44	51	58	65	72
-80°	11	14	18	21	25	28	32	37	42	47	53
-82.5°	8	10	13	15	17	19	22	24	28	32	36
-85°	4	6	7	9	10	11	12	14	16	18	20
-87.5°	2	3	3	4	5	5	5	5	6	7	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627174 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-750-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	1	1	0	0	0
62.5°	1	2	3	4	4	4	5	5	5	5	5
60°	9	9	14	17	16	13	18	21	20	17	17
57.5°	26	32	37	39	44	52	54	53	54	56	63
55°	45	50	54	62	69	76	82	86	90	95	100
52.5°	62	70	76	84	94	100	103	113	122	129	133
50°	88	97	107	117	127	135	143	153	165	178	186
47.5°	115	127	140	155	165	174	183	197	214	229	238
45°	141	154	170	185	197	209	223	240	257	272	284
42.5°	164	179	196	212	223	241	262	279	300	320	334
40°	191	205	230	246	261	281	310	336	361	384	399
37.5°	223	247	273	294	314	338	379	419	450	482	504
35°	261	290	323	345	375	420	471	526	581	625	665
32.5°	297	329	362	399	444	508	572	660	741	825	904
30°	329	366	406	453	525	615	719	853	1000	1146	1312
27.5°	364	404	452	526	636	758	949	1161	1464	1708	2101
25°	401	447	512	630	782	997	1330	1709	2336	2871	3475
22.5°	446	516	608	756	1010	1397	1915	2741	3704	4598	5450
20°	502	597	754	990	1354	1949	2932	4185	5523	6831	8096
17.5°	576	726	951	1286	1802	3053	4516	6306	8598	10319	11951
15°	643	833	1173	1716	2687	4297	6341	9083	12168	14762	17697
12.5°	722	952	1362	2066	3455	5583	8188	11457	15109	19047	23643
10°	791	1074	1602	2570	4255	6731	9651	13489	18179	23751	29560
7.5°	845	1175	1802	2949	4929	7674	11156	15824	21764	28277	34902
5°	886	1254	1959	3245	5503	8439	12255	17672	24443	31917	38506
2.5°	919	1310	2063	3428	5890	8962	13007	18654	26081	34295	41212
0°	944	1344	2121	3557	6070	9209	13354	19051	26850	35459	42573
-2.5°	953	1361	2124	3512	5961	9194	13273	18808	26320	34996	42284
-5°	956	1352	2070	3419	5767	8864	12742	17884	24702	32840	40226
-7.5°	949	1316	1961	3190	5330	8282	12000	16513	22101	29277	36910
-10°	923	1253	1814	2879	4730	7373	10844	14657	19122	24980	31166
-12.5°	877	1159	1612	2414	4023	6345	9419	12790	16269	20119	25207
-15°	822	1062	1446	2131	3369	5265	7754	10601	13489	16437	19541
-17.5°	780	978	1276	1754	2586	4120	6110	8398	10741	13082	15172
-20°	726	878	1110	1483	2087	2994	4491	6271	8022	9931	11533

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-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°	679	807	982	1216	1622	2261	3115	4368	5698	7084	8400
-25°	634	731	869	1058	1300	1680	2244	2899	3833	4685	5662
-27.5°	596	677	771	911	1094	1303	1648	2031	2520	2927	3579
-30°	559	624	702	791	926	1085	1270	1502	1742	1982	2294
-32.5°	525	580	640	713	796	915	1031	1179	1310	1455	1603
-35°	492	540	590	648	712	790	877	975	1062	1149	1227
-37.5°	463	503	547	592	644	698	766	836	894	951	999
-40°	438	472	509	546	587	631	684	735	775	812	842
-42.5°	416	446	474	507	541	581	622	661	688	714	734
-45°	395	421	447	473	501	536	572	602	623	643	657
-47.5°	372	396	419	444	471	499	527	550	568	585	596
-50°	350	373	395	415	439	464	488	508	524	538	546
-52.5°	329	351	372	393	412	432	451	470	487	501	507
-55°	308	330	349	368	387	406	423	439	454	468	473
-57.5°	287	309	330	345	361	378	395	410	425	438	443
-60°	264	286	304	319	335	350	365	379	393	406	411
-62.5°	236	256	272	287	301	315	328	341	354	364	370
-65°	203	220	236	251	264	276	288	300	311	319	324
-67.5°	175	187	201	214	227	239	250	260	270	277	281
-70°	147	159	171	182	194	205	214	223	232	238	243
-72.5°	122	132	143	154	164	173	181	189	197	202	207
-75°	99	108	117	126	135	142	149	156	162	166	170
-77.5°	79	85	92	99	105	111	117	122	127	131	134
-80°	58	64	69	74	79	83	87	91	95	98	101
-82.5°	39	43	47	51	55	58	60	62	64	66	69
-85°	23	25	28	30	33	34	36	37	39	40	42
-87.5°	9	10	11	12	13	14	14	14	14	15	16
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627174 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-750-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	0	1
62.5°	4	4	4	4	4	4	4	5	5	5	5
60°	16	15	15	15	15	15	16	17	17	20	21
57.5°	69	74	77	78	77	74	69	63	56	54	53
55°	105	109	109	107	109	109	105	100	95	90	86
52.5°	136	136	135	133	135	136	136	133	129	122	113
50°	188	188	188	189	188	188	188	186	178	165	153
47.5°	242	245	246	244	246	245	242	238	229	214	197
45°	289	293	294	292	294	293	289	284	272	257	240
42.5°	340	342	343	344	343	342	340	334	320	300	279
40°	406	409	408	407	408	409	406	399	384	361	336
37.5°	519	527	531	540	531	527	519	504	482	450	419
35°	695	714	725	740	725	714	695	665	625	581	526
32.5°	960	999	1020	1040	1020	999	960	904	825	741	660
30°	1428	1504	1535	1592	1535	1504	1428	1312	1146	1000	853
27.5°	2390	2571	2642	2791	2642	2571	2390	2101	1708	1464	1161
25°	4025	4415	4630	4801	4630	4415	4025	3475	2871	2336	1709
22.5°	6311	6882	7188	7414	7188	6882	6311	5450	4598	3704	2741
20°	9243	9997	10448	10775	10448	9997	9243	8096	6831	5523	4185
17.5°	14047	15233	15927	16523	15927	15233	14047	11951	10319	8598	6306
15°	20971	23354	25207	26239	25207	23354	20971	17697	14762	12168	9083
12.5°	27706	31198	33272	34226	33272	31198	27706	23643	19047	15109	11457
10°	34368	37660	39633	39982	39633	37660	34368	29560	23751	18179	13489
7.5°	39467	43088	45710	46663	45710	43088	39467	34902	28277	21764	15824
5°	43971	48211	50986	51338	50986	48211	43971	38506	31917	24443	17672
2.5°	47285	51893	54584	55509	54584	51893	47285	41212	34295	26081	18654
0°	48887	53851	56845	58193	56845	53851	48887	42573	35459	26850	19051
-2.5°	48550	53684	57026	58785	57026	53684	48550	42284	34996	26320	18808
-5°	46704	51853	54969	56838	54969	51853	46704	40226	32840	24702	17884
-7.5°	42447	47262	50580	52304	50580	47262	42447	36910	29277	22101	16513
-10°	36962	41037	44061	45530	44061	41037	36962	31166	24980	19122	14657
-12.5°	29834	33787	36515	37554	36515	33787	29834	25207	20119	16269	12790
-15°	22858	25875	27813	28426	27813	25875	22858	19541	16437	13489	10601
-17.5°	17335	18959	20049	20343	20049	18959	17335	15172	13082	10741	8398
-20°	12987	13993	14701	14868	14701	13993	12987	11533	9931	8022	6271

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REPORT NUMBER: P627174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-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°	9462	10219	10790	10904	10790	10219	9462	8400	7084	5698	4368
-25°	6527	7160	7547	7577	7547	7160	6527	5662	4685	3833	2899
-27.5°	4092	4440	4619	4682	4619	4440	4092	3579	2927	2520	2031
-30°	2529	2689	2773	2776	2773	2689	2529	2294	1982	1742	1502
-32.5°	1717	1794	1836	1836	1836	1794	1717	1603	1455	1310	1179
-35°	1286	1326	1349	1351	1349	1326	1286	1227	1149	1062	975
-37.5°	1034	1056	1068	1070	1068	1056	1034	999	951	894	836
-40°	865	880	889	896	889	880	865	842	812	775	735
-42.5°	748	758	762	759	762	758	748	734	714	688	661
-45°	666	672	676	677	676	672	666	657	643	623	602
-47.5°	601	604	606	607	606	604	601	596	585	568	550
-50°	550	553	553	552	553	553	550	546	538	524	508
-52.5°	509	509	510	511	510	509	509	507	501	487	470
-55°	475	476	477	478	477	476	475	473	468	454	439
-57.5°	446	450	450	448	450	450	446	443	438	425	410
-60°	416	420	421	422	421	420	416	411	406	393	379
-62.5°	375	379	381	381	381	379	375	370	364	354	341
-65°	328	331	336	340	336	331	328	324	319	311	300
-67.5°	284	287	292	296	292	287	284	281	277	270	260
-70°	247	250	251	252	251	250	247	243	238	232	223
-72.5°	210	214	214	215	214	214	210	207	202	197	189
-75°	174	177	177	178	177	177	174	170	166	162	156
-77.5°	137	140	141	141	141	140	137	134	131	127	122
-80°	104	107	105	104	105	107	104	101	98	95	91
-82.5°	71	74	72	70	72	74	71	69	66	64	62
-85°	43	44	43	41	43	44	43	42	40	39	37
-87.5°	17	18	17	15	17	18	17	16	15	14	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627174 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-750-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°	1	1	0	0	0	0	0	0	0	0	0
62.5°	5	4	4	4	3	2	1	1	1	0	1
60°	18	13	16	17	14	9	9	8	4	3	3
57.5°	54	52	44	39	37	32	26	20	17	12	7
55°	82	76	69	62	54	50	45	39	32	25	18
52.5°	103	100	94	84	76	70	62	56	49	42	32
50°	143	135	127	117	107	97	88	76	66	59	50
47.5°	183	174	165	155	140	127	115	103	88	75	66
45°	223	209	197	185	170	154	141	127	111	95	81
42.5°	262	241	223	212	196	179	164	150	133	116	100
40°	310	281	261	246	230	205	191	175	157	136	120
37.5°	379	338	314	294	273	247	223	203	182	161	141
35°	471	420	375	345	323	290	261	235	211	187	163
32.5°	572	508	444	399	362	329	297	268	238	213	187
30°	719	615	525	453	406	366	329	297	265	236	211
27.5°	949	758	636	526	452	404	364	325	290	259	231
25°	1330	997	782	630	512	447	401	356	315	280	251
22.5°	1915	1397	1010	756	608	516	446	388	340	306	273
20°	2932	1949	1354	990	754	597	502	430	377	333	295
17.5°	4516	3053	1802	1286	951	726	576	480	414	360	317
15°	6341	4297	2687	1716	1173	833	643	528	452	390	340
12.5°	8188	5583	3455	2066	1362	952	722	584	490	416	358
10°	9651	6731	4255	2570	1602	1074	791	626	516	436	373
7.5°	11156	7674	4929	2949	1802	1175	845	660	538	453	387
5°	12255	8439	5503	3245	1959	1254	886	687	555	466	399
2.5°	13007	8962	5890	3428	2063	1310	919	708	571	475	406
0°	13354	9209	6070	3557	2121	1344	944	722	585	481	411
-2.5°	13273	9194	5961	3512	2124	1361	953	725	589	488	415
-5°	12742	8864	5767	3419	2070	1352	956	727	589	491	417
-7.5°	12000	8282	5330	3190	1961	1316	949	726	588	492	419
-10°	10844	7373	4730	2879	1814	1253	923	714	582	490	418
-12.5°	9419	6345	4023	2414	1612	1159	877	691	571	483	415
-15°	7754	5265	3369	2131	1446	1062	822	661	556	472	408
-17.5°	6110	4120	2586	1754	1276	978	780	641	541	462	402
-20°	4491	2994	2087	1483	1110	878	726	612	522	452	397

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REPORT NUMBER: P627174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-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°	3115	2261	1622	1216	982	807	679	580	499	440	389
-25°	2244	1680	1300	1058	869	731	634	552	484	428	379
-27.5°	1648	1303	1094	911	771	677	596	524	465	413	369
-30°	1270	1085	926	791	702	624	559	500	446	398	358
-32.5°	1031	915	796	713	640	580	525	474	425	384	345
-35°	877	790	712	648	590	540	492	448	407	368	330
-37.5°	766	698	644	592	547	503	463	425	388	350	316
-40°	684	631	587	546	509	472	438	404	368	332	301
-42.5°	622	581	541	507	474	446	416	384	350	317	288
-45°	572	536	501	473	447	421	395	364	333	303	275
-47.5°	527	499	471	444	419	396	372	345	317	289	260
-50°	488	464	439	415	395	373	350	327	300	272	246
-52.5°	451	432	412	393	372	351	329	305	279	255	233
-55°	423	406	387	368	349	330	308	284	262	240	216
-57.5°	395	378	361	345	330	309	287	266	243	221	198
-60°	365	350	335	319	304	286	264	242	222	201	179
-62.5°	328	315	301	287	272	256	236	216	198	180	161
-65°	288	276	264	251	236	220	203	188	174	160	142
-67.5°	250	239	227	214	201	187	175	162	149	136	120
-70°	214	205	194	182	171	159	147	136	123	111	99
-72.5°	181	173	164	154	143	132	122	112	102	91	81
-75°	149	142	135	126	117	108	99	91	82	74	66
-77.5°	117	111	105	99	92	85	79	72	65	58	51
-80°	87	83	79	74	69	64	58	53	47	42	37
-82.5°	60	58	55	51	47	43	39	36	32	28	24
-85°	36	34	33	30	28	25	23	20	18	16	14
-87.5°	14	14	13	12	11	10	9	8	7	6	5
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-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	0	0	0	0
60°	2	2	1	1	1	0	0	1	1	0	0
57.5°	6	4	3	2	2	1	0	1	2	1	0
55°	12	9	5	3	3	2	1	2	2	2	0
52.5°	24	16	11	6	3	4	2	2	3	3	1
50°	38	27	18	12	5	4	3	3	3	3	2
47.5°	56	41	28	19	11	6	5	3	3	4	3
45°	71	58	41	28	18	11	7	4	3	4	3
42.5°	86	74	57	37	26	17	10	6	4	4	4
40°	104	88	72	52	35	22	14	9	4	4	4
37.5°	123	105	87	66	45	31	19	12	5	5	4
35°	142	122	100	79	57	39	23	16	9	6	4
32.5°	160	138	114	91	68	48	30	20	12	7	4
30°	181	153	127	103	79	57	38	25	16	8	4
27.5°	202	168	140	115	89	66	46	29	19	10	5
25°	221	184	153	125	99	75	54	35	22	13	6
22.5°	239	202	165	135	111	84	61	41	26	16	8
20°	257	218	177	147	121	93	69	48	31	18	9
17.5°	275	234	194	161	132	102	76	53	35	20	11
15°	293	250	209	173	142	111	82	59	39	22	13
12.5°	309	264	222	185	152	118	89	63	43	24	14
10°	323	277	234	196	161	125	94	68	47	27	16
7.5°	335	289	244	205	169	131	99	72	50	28	18
5°	345	298	252	212	176	138	104	75	54	30	19
2.5°	351	303	258	218	181	143	108	79	57	32	21
0°	355	307	263	222	185	148	111	81	59	33	22
-2.5°	359	311	268	227	189	153	115	84	61	37	23
-5°	362	313	271	230	193	157	117	86	63	39	23
-7.5°	363	316	274	233	195	159	119	87	64	42	23
-10°	364	318	276	235	197	161	121	88	65	44	23
-12.5°	362	318	277	236	198	162	123	90	66	45	24
-15°	359	318	277	235	198	162	124	92	67	45	24
-17.5°	355	316	274	233	197	161	125	93	68	45	25
-20°	352	312	271	230	195	160	125	92	68	44	26

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REPORT NUMBER: P627174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-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°	346	307	266	227	193	159	124	91	67	43	27
-25°	339	299	260	224	190	157	122	89	65	42	27
-27.5°	330	291	254	220	187	154	119	87	63	41	28
-30°	319	283	248	215	182	150	114	84	61	40	28
-32.5°	308	275	242	208	176	144	109	81	59	40	27
-35°	297	266	234	200	170	138	104	77	57	40	27
-37.5°	285	256	224	192	163	131	101	75	54	39	26
-40°	274	245	213	184	155	124	97	73	53	38	25
-42.5°	261	232	203	175	147	119	93	70	51	36	24
-45°	247	219	194	167	139	113	89	67	49	35	23
-47.5°	233	209	183	157	132	107	84	63	46	33	22
-50°	223	198	171	146	124	101	78	59	43	32	21
-52.5°	209	183	159	135	114	93	72	54	41	29	19
-55°	192	168	145	125	105	85	65	50	38	27	18
-57.5°	175	152	132	114	94	75	59	46	34	24	16
-60°	158	138	120	102	83	67	53	41	31	22	15
-62.5°	142	124	106	88	73	59	47	37	27	20	13
-65°	124	107	91	76	63	51	41	32	24	18	12
-67.5°	104	90	77	64	53	44	35	28	21	15	11
-70°	87	75	64	54	44	36	30	24	18	13	10
-72.5°	71	61	51	43	37	31	25	20	15	11	8
-75°	57	49	41	35	30	25	21	16	12	9	7
-77.5°	44	38	32	27	24	20	16	12	9	7	6
-80°	32	28	25	21	18	14	11	9	7	6	5
-82.5°	22	19	17	15	13	10	8	6	5	4	3
-85°	12	11	10	9	7	6	4	3	3	3	2
-87.5°	5	5	5	4	3	3	2	2	1	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: P627174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-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°	0	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	1	1	0	0	0	0	0
45°	2	1	0	0	0	0	0
42.5°	3	2	0	0	0	0	0
40°	3	2	0	0	0	0	0
37.5°	3	3	1	0	0	0	0
35°	4	3	1	0	0	0	0
32.5°	4	3	1	0	0	0	0
30°	4	3	2	0	0	0	0
27.5°	4	4	2	0	0	0	0
25°	4	4	2	0	0	0	0
22.5°	4	4	3	0	0	0	0
20°	4	4	3	0	0	0	0
17.5°	4	4	3	0	0	0	0
15°	4	4	3	0	0	0	0
12.5°	5	4	3	0	0	0	0
10°	5	4	3	0	0	0	0
7.5°	6	4	4	0	0	0	0
5°	6	4	4	0	0	0	0
2.5°	7	4	4	0	0	0	0
0°	7	4	4	0	0	0	0
-2.5°	9	4	4	0	0	0	0
-5°	10	5	4	0	0	0	0
-7.5°	11	5	4	1	0	0	0
-10°	13	5	4	1	0	0	0
-12.5°	14	5	4	1	0	0	0
-15°	14	6	3	1	0	0	0
-17.5°	15	6	3	1	0	0	0
-20°	15	6	3	2	0	0	0

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REPORT NUMBER: P627174 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15	6	3	2	0	0	0
-25°	15	6	3	2	0	0	0
-27.5°	15	7	4	2	0	0	0
-30°	15	7	4	2	0	0	0
-32.5°	15	7	4	2	0	0	0
-35°	15	7	4	1	0	0	0
-37.5°	15	8	5	1	0	0	0
-40°	15	8	5	1	0	0	0
-42.5°	15	8	5	1	0	0	0
-45°	14	8	5	1	0	0	0
-47.5°	13	8	4	0	0	0	0
-50°	13	8	4	1	0	0	0
-52.5°	12	7	4	1	0	0	0
-55°	11	7	3	1	0	0	0
-57.5°	11	7	3	1	0	0	0
-60°	10	6	3	1	0	0	0
-62.5°	9	6	3	1	0	0	0
-65°	8	5	3	1	0	0	0
-67.5°	8	5	2	1	0	0	0
-70°	7	4	2	1	0	0	0
-72.5°	6	4	2	1	0	0	0
-75°	5	3	2	1	0	0	0
-77.5°	5	3	2	1	0	0	0
-80°	4	2	1	0	0	0	0
-82.5°	3	2	1	0	0	0	0
-85°	2	1	1	0	0	0	0
-87.5°	1	1	0	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)