

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: P627384 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627384 (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-SA4C-730-U-MR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21593.6 lumens
Efficiency: N/A
Efficacy: 128.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 76135 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 10797 lumens
Beam Efficiency: 50.0%

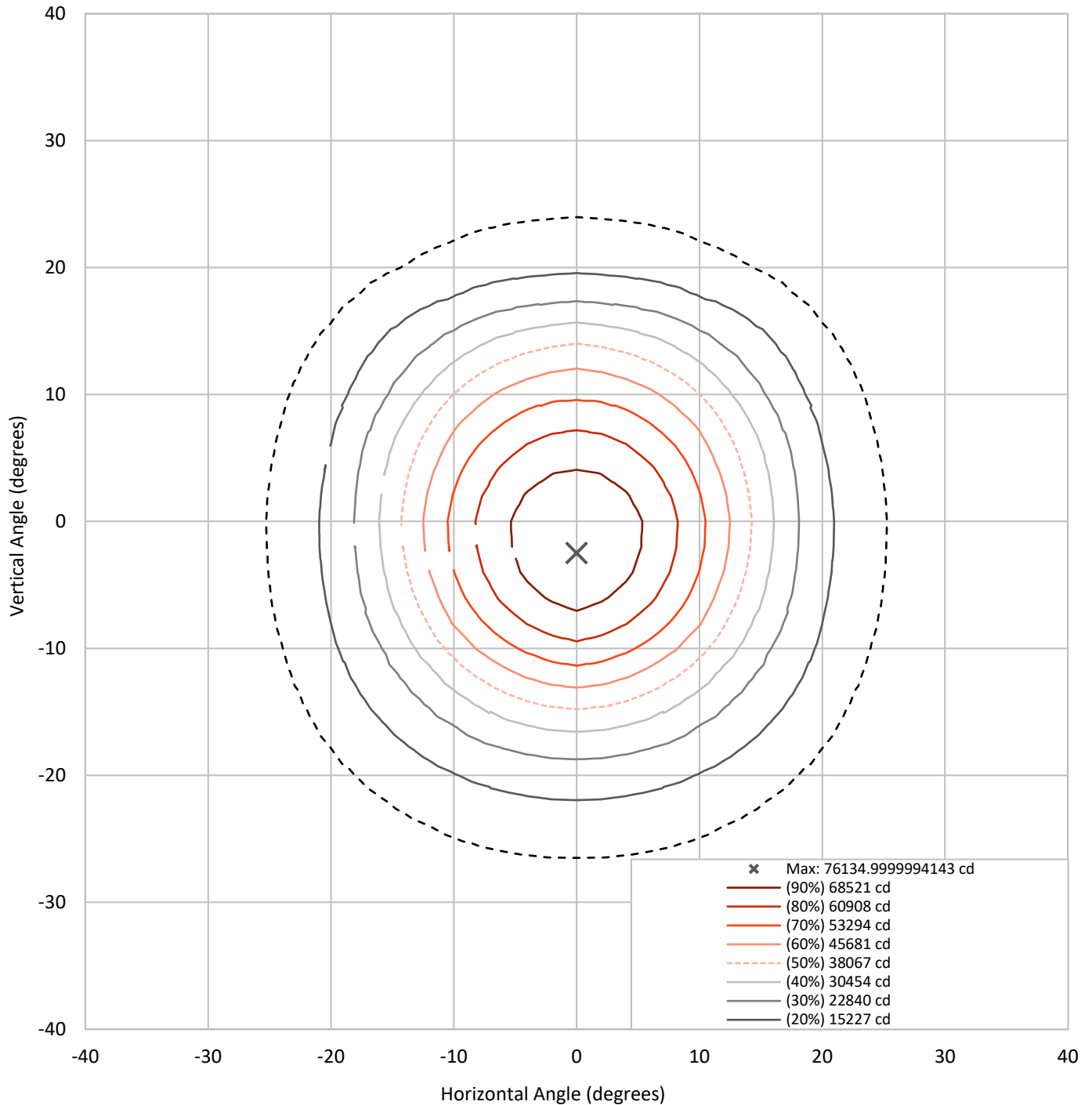
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 18552.9 lumens
Field Efficiency: 85.9%

Input Watts (W): 168.2
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: P627384 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-730-U-MR-VSR-XX

Iso-Candela Plot





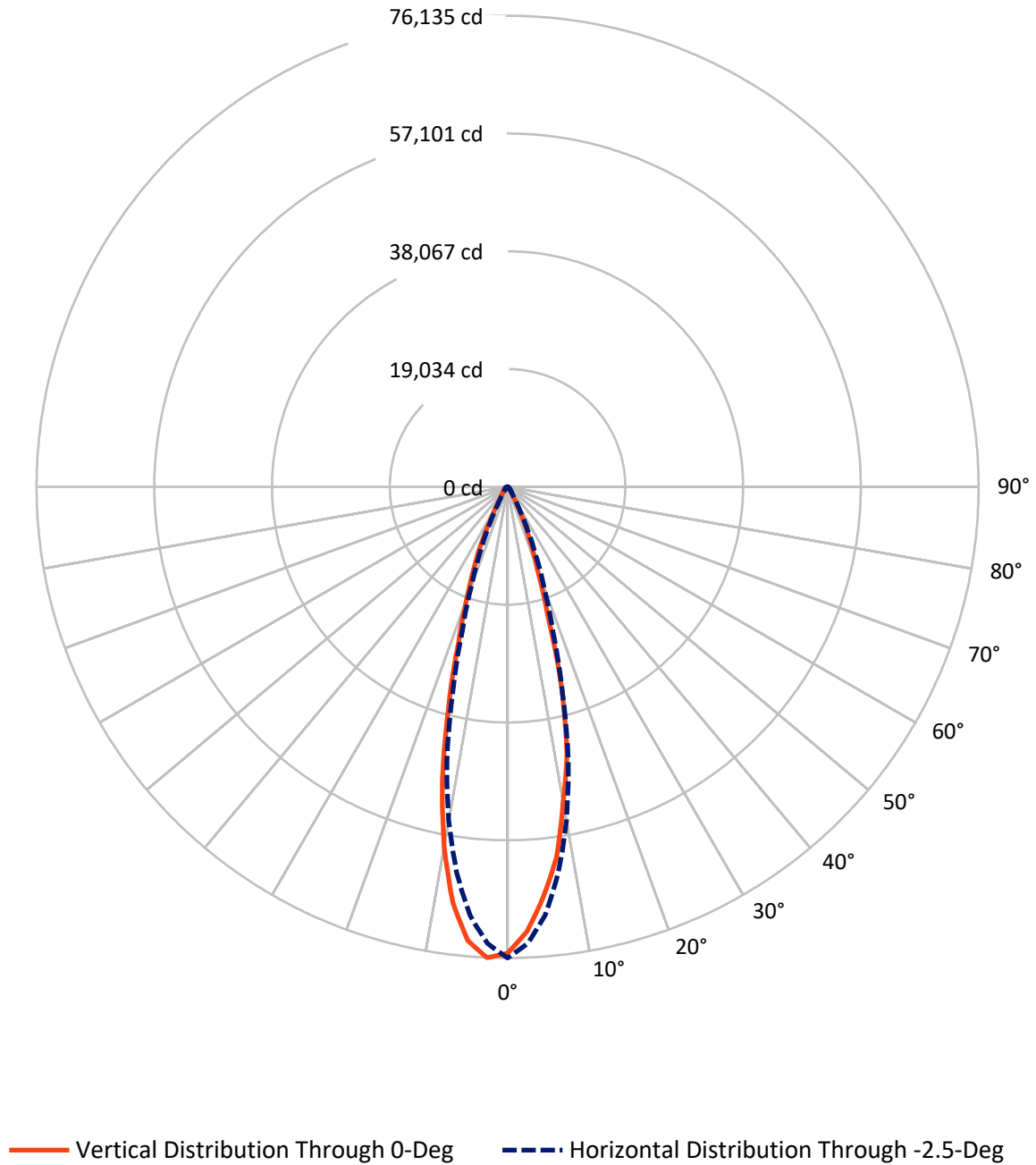
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Lumen Table

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	0.6	1.5	2.5	3.4	4.1	4.1	3.4	2.5	1.5	0.6	0.1		0.0			
40	0.1	0.1	0.7	2.4	4.5	7.0	9.8	11.5	11.5	9.8	7.0	4.5	2.4	0.7	0.1				
30		0.3	1.8	4.6	8.5	13.9	23.3	31.1	31.1	23.3	13.9	8.5	4.6	1.8	0.3				
20	0.2	0.7	2.9	7.1	13.4	32.6	102.5	188.0	188.0	102.5	32.6	13.4	7.1	2.9	0.7				
10		1.1	4.0	9.6	23.0	112.5	457.3	895.4	895.4	457.3	112.5	23.0	9.6	4.0	1.1				
0	0.3	1.4	4.9	11.4	33.0	214.4	923.3	1809.8	1809.8	923.3	214.4	33.0	11.4	4.9	1.4				
-10		1.6	5.3	12.1	35.2	224.6	947.4	1919.1	1919.1	947.4	224.6	35.2	12.1	5.3	1.6				
-20	0.4	1.7	5.4	11.8	29.0	137.9	523.9	1015.6	1015.6	523.9	137.9	29.0	11.8	5.4	1.7				
-30		1.6	5.1	10.8	21.2	53.5	162.2	289.5	289.5	162.2	53.5	21.2	10.8	5.1	1.6				
-40	0.4	1.4	4.6	9.3	16.1	26.4	43.1	57.7	57.7	43.1	26.4	16.1	9.3	4.6	1.4				
-50		1.2	3.8	7.7	12.7	18.2	24.0	26.9	26.9	24.0	18.2	12.7	7.7	3.8	1.2				
-60	0.2	0.9	2.9	6.0	9.9	13.8	17.3	18.8	18.8	17.3	13.8	9.9	6.0	2.9	0.9				
-70		0.6	1.8	3.9	6.6	9.4	11.8	13.1	13.1	11.8	9.4	6.6	3.9	1.8	0.6				
-80	0.1	1.4	6.4	13.8	17.4	13.8	6.4	1.4	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

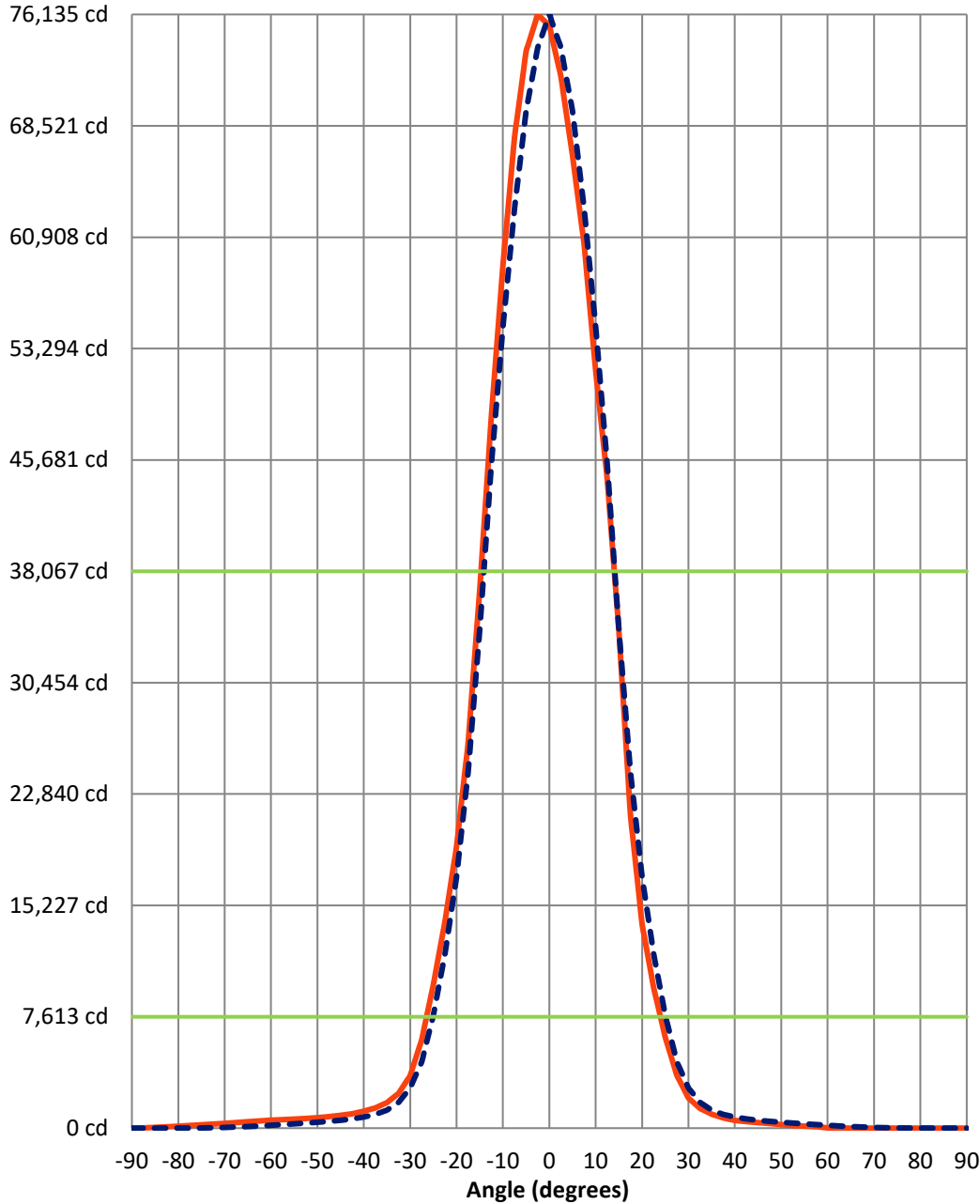
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 10797
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 18552.9
 Efficiency: 85.9%

Spill:
 Lumens: 3040.7
 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	1
60°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	1	2	2
55°	0	0	0	0	0	0	1	0	2	3	2
52.5°	0	0	0	0	0	0	1	1	3	3	2
50°	0	0	0	0	0	1	1	3	5	4	3
47.5°	0	0	0	0	0	1	2	4	5	4	4
45°	0	0	0	0	0	2	3	4	5	4	5
42.5°	0	0	0	0	0	2	3	5	5	5	8
40°	0	0	0	0	0	3	4	5	5	5	11
37.5°	0	0	0	0	1	3	4	5	6	7	16
35°	0	0	0	0	1	4	5	5	7	12	21
32.5°	0	0	0	0	2	4	5	5	9	16	26
30°	0	0	0	0	2	4	5	5	11	20	32
27.5°	0	0	0	0	3	5	5	7	14	24	38
25°	0	0	0	0	3	5	5	8	17	29	45
22.5°	0	0	0	0	3	5	5	10	20	34	54
20°	0	0	0	0	4	5	5	12	23	40	62
17.5°	0	0	0	0	4	5	5	14	26	45	69
15°	0	0	0	0	4	5	6	16	29	50	76
12.5°	0	0	0	0	4	5	6	19	32	56	82
10°	0	0	0	0	5	5	7	21	34	61	87
7.5°	0	0	0	0	5	5	8	23	37	65	93
5°	0	0	0	0	5	5	8	25	39	70	98
2.5°	0	0	0	0	5	5	9	27	41	73	102
0°	0	0	0	0	5	5	10	29	43	77	105
-2.5°	0	0	0	0	5	5	11	29	47	79	109
-5°	0	0	0	1	5	6	13	30	51	82	111
-7.5°	0	0	0	1	5	6	15	30	54	83	113
-10°	0	0	0	1	5	7	16	30	57	85	114
-12.5°	0	0	0	1	5	7	18	31	58	86	117
-15°	0	0	0	2	4	7	18	31	59	87	119
-17.5°	0	0	0	2	4	8	19	32	58	88	120
-20°	0	0	0	2	4	8	19	33	57	88	120

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REPORT NUMBER: P627384 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-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	4	8	20	35	56	86	118
-25°	0	0	0	2	5	8	20	35	55	85	115
-27.5°	0	0	0	2	5	9	20	36	53	82	113
-30°	0	0	0	2	5	9	20	36	52	79	109
-32.5°	0	0	0	2	5	10	19	35	52	77	105
-35°	0	0	0	2	6	10	19	35	52	73	99
-37.5°	0	0	0	2	6	10	20	34	51	70	97
-40°	0	0	0	1	6	10	19	33	49	68	94
-42.5°	0	0	0	1	6	10	19	32	47	66	91
-45°	0	0	0	1	6	11	18	30	45	63	86
-47.5°	0	0	0	1	6	10	17	29	43	59	82
-50°	0	0	0	1	5	10	16	27	41	56	76
-52.5°	0	0	0	1	5	10	16	25	38	53	70
-55°	0	0	0	1	4	9	15	23	35	49	65
-57.5°	0	0	0	1	4	9	14	21	32	44	59
-60°	0	0	0	1	4	8	12	19	28	40	53
-62.5°	0	0	0	1	3	7	12	17	26	35	47
-65°	0	0	0	1	3	7	11	15	23	31	41
-67.5°	0	0	0	1	3	6	10	14	20	28	36
-70°	0	0	0	1	3	6	9	13	17	24	31
-72.5°	0	0	0	1	3	5	8	11	15	20	26
-75°	0	0	0	1	2	4	7	9	12	16	21
-77.5°	0	0	0	1	2	4	6	8	10	12	16
-80°	0	0	0	1	2	3	5	6	7	9	11
-82.5°	0	0	0	0	1	2	4	4	5	6	7
-85°	0	0	0	0	1	2	2	3	3	4	4
-87.5°	0	0	0	0	0	1	1	1	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-730-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	2
60°	0	0	1	1	1	2	3	4	4	5	10
57.5°	1	1	2	3	3	5	8	9	15	22	27
55°	1	3	4	4	7	11	15	24	32	42	50
52.5°	3	5	4	7	14	21	31	42	55	64	72
50°	4	6	6	15	24	35	50	65	76	86	99
47.5°	6	7	15	25	37	53	73	86	97	114	134
45°	9	14	23	36	53	75	92	105	124	144	165
42.5°	13	21	34	48	74	95	112	130	150	173	195
40°	19	29	46	67	94	114	135	155	176	203	226
37.5°	25	40	59	86	112	136	159	182	208	236	263
35°	30	51	74	102	130	158	184	211	242	273	304
32.5°	39	62	89	118	148	179	208	242	275	309	347
30°	49	74	102	134	165	198	235	273	306	344	385
27.5°	60	85	116	149	181	217	261	300	335	376	421
25°	70	97	129	162	198	239	286	325	363	408	461
22.5°	80	108	143	175	213	261	309	353	396	441	502
20°	89	121	157	191	229	282	333	382	432	488	557
17.5°	98	132	170	208	251	303	356	411	467	536	622
15°	107	143	184	224	270	324	380	440	505	585	683
12.5°	115	153	196	239	288	342	401	463	538	634	757
10°	122	162	208	253	303	359	419	484	565	668	811
7.5°	129	170	219	266	316	374	434	501	586	696	855
5°	135	178	228	275	326	385	446	516	604	719	890
2.5°	140	186	234	282	334	393	455	526	616	740	917
0°	144	192	240	288	340	398	460	532	623	757	935
-2.5°	148	198	245	294	347	403	466	538	631	763	939
-5°	152	203	249	298	351	406	468	540	636	763	941
-7.5°	154	207	253	301	355	409	471	543	638	762	940
-10°	156	208	255	304	358	412	471	542	634	754	925
-12.5°	159	209	256	305	359	412	469	537	625	739	895
-15°	161	209	256	305	358	412	465	529	611	721	856
-17.5°	162	209	255	302	355	409	460	521	598	700	830
-20°	161	208	253	298	351	405	455	514	586	676	793

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CATALOG NUMBER: GFLD-SA4C-730-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°	160	206	249	293	345	397	449	504	570	647	751
-25°	158	204	246	290	337	388	439	490	554	627	715
-27.5°	154	200	242	284	329	377	427	478	535	602	679
-30°	148	194	236	278	322	367	413	464	515	578	647
-32.5°	141	187	228	270	313	357	398	447	497	551	614
-35°	135	179	220	260	303	345	385	427	477	527	580
-37.5°	131	170	211	249	290	332	369	409	453	502	550
-40°	126	161	201	238	275	317	354	390	430	477	523
-42.5°	120	154	191	227	263	300	338	373	410	453	497
-45°	115	147	180	216	251	284	320	356	393	431	472
-47.5°	109	139	171	203	237	271	302	337	374	410	447
-50°	101	131	160	190	222	256	288	318	352	388	423
-52.5°	94	121	148	176	205	238	271	301	331	361	396
-55°	84	110	136	161	188	218	249	280	311	339	368
-57.5°	76	97	122	147	172	197	227	257	286	315	344
-60°	68	86	108	132	156	179	204	232	260	287	314
-62.5°	60	76	94	115	137	161	184	208	234	257	280
-65°	53	66	81	99	118	139	161	184	207	225	244
-67.5°	45	57	69	84	100	117	135	155	176	193	210
-70°	39	47	57	69	83	97	113	128	144	160	176
-72.5°	33	40	47	55	67	79	92	104	118	132	145
-75°	27	32	39	45	54	63	74	85	96	107	118
-77.5°	21	26	31	36	42	49	57	66	75	84	93
-80°	15	19	23	28	32	37	42	48	54	61	68
-82.5°	10	13	16	20	22	25	28	31	36	41	46
-85°	5	7	9	12	13	14	16	18	20	23	26
-87.5°	3	4	5	5	6	6	6	7	8	9	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-730-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	4	5	5	6	6	7	7	7	6
60°	12	12	18	22	21	17	24	27	26	22	22
57.5°	34	42	48	50	57	67	70	69	70	73	82
55°	59	65	70	80	90	99	106	111	117	123	130
52.5°	80	91	99	109	122	130	133	146	158	167	173
50°	114	125	138	151	164	175	185	198	214	231	241
47.5°	150	164	181	200	214	225	237	256	277	297	309
45°	183	200	220	239	255	270	289	311	333	353	368
42.5°	213	232	253	275	289	313	339	362	389	414	433
40°	247	266	297	319	338	363	402	435	468	498	517
37.5°	289	320	354	381	406	438	491	542	583	624	653
35°	338	376	418	447	485	544	610	681	752	810	861
32.5°	385	427	469	517	575	658	740	855	960	1069	1170
30°	427	474	526	586	680	797	931	1105	1295	1484	1700
27.5°	471	523	585	681	824	982	1229	1504	1897	2212	2721
25°	520	578	663	816	1013	1291	1722	2213	3025	3719	4501
22.5°	578	668	788	979	1308	1809	2480	3550	4797	5955	7059
20°	650	773	977	1282	1754	2524	3797	5420	7153	8847	10486
17.5°	745	940	1232	1666	2334	3954	5848	8167	11135	13365	15479
15°	832	1078	1519	2222	3481	5566	8212	11763	15759	19119	22920
12.5°	935	1233	1764	2676	4474	7230	10604	14839	19568	24668	30621
10°	1025	1390	2074	3329	5511	8718	12499	17470	23544	30761	38285
7.5°	1094	1522	2333	3819	6384	9939	14449	20495	28188	36622	45203
5°	1148	1624	2537	4203	7127	10930	15872	22888	31657	41338	49871
2.5°	1190	1696	2672	4439	7629	11607	16846	24160	33779	44416	53376
0°	1222	1740	2747	4607	7862	11927	17296	24674	34774	45924	55138
-2.5°	1234	1763	2750	4549	7720	11907	17191	24359	34088	45326	54764
-5°	1238	1751	2681	4428	7468	11480	16502	23162	31992	42533	52098
-7.5°	1229	1705	2540	4131	6904	10726	15541	21387	28625	37918	47804
-10°	1196	1623	2350	3729	6126	9550	14045	18984	24766	32353	40364
-12.5°	1136	1501	2087	3126	5211	8218	12199	16565	21071	26057	32646
-15°	1064	1375	1873	2760	4363	6819	10043	13730	17470	21288	25308
-17.5°	1010	1266	1653	2272	3350	5336	7913	10877	13911	16943	19650
-20°	941	1137	1438	1920	2703	3878	5817	8122	10389	12862	14937

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627384 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-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°	879	1046	1271	1575	2101	2928	4034	5657	7380	9175	10879
-25°	821	947	1126	1370	1684	2176	2906	3755	4964	6068	7333
-27.5°	772	877	999	1179	1417	1687	2135	2630	3264	3791	4635
-30°	724	809	909	1025	1200	1405	1645	1946	2256	2567	2972
-32.5°	680	751	830	923	1031	1185	1335	1527	1697	1884	2077
-35°	637	700	764	839	922	1023	1135	1263	1376	1488	1589
-37.5°	600	652	709	767	834	904	992	1082	1158	1232	1294
-40°	568	612	659	707	761	818	886	952	1004	1051	1091
-42.5°	539	578	614	656	700	753	806	857	892	925	951
-45°	512	545	579	613	649	695	740	780	808	832	852
-47.5°	482	513	543	574	609	646	682	712	736	757	772
-50°	454	484	511	537	568	601	632	657	679	697	707
-52.5°	426	455	482	509	534	559	584	608	630	649	656
-55°	399	427	452	477	501	525	548	568	588	606	612
-57.5°	372	401	427	447	468	490	511	532	550	567	573
-60°	342	370	394	413	433	454	472	491	510	526	533
-62.5°	306	332	353	372	390	408	425	442	458	472	480
-65°	263	285	306	325	341	357	373	388	402	413	419
-67.5°	226	242	260	277	294	309	324	337	349	358	364
-70°	191	206	221	236	251	265	278	289	301	309	315
-72.5°	158	171	185	199	212	224	235	245	255	262	268
-75°	129	140	151	163	175	184	193	201	210	216	221
-77.5°	102	111	119	128	137	144	152	158	165	170	174
-80°	76	83	89	96	102	107	113	118	123	127	131
-82.5°	51	56	61	67	72	75	78	80	83	86	89
-85°	30	33	36	39	42	45	47	48	50	52	54
-87.5°	12	13	15	16	17	18	18	18	19	20	21
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-730-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°	6	5	5	5	5	5	6	6	7	7	7
60°	21	19	19	19	19	19	21	22	22	26	27
57.5°	89	96	100	101	100	96	89	82	73	70	69
55°	136	141	141	139	141	141	136	130	123	117	111
52.5°	176	176	175	173	175	176	176	173	167	158	146
50°	244	243	243	245	243	243	244	241	231	214	198
47.5°	314	317	318	316	318	317	314	309	297	277	256
45°	375	379	381	379	381	379	375	368	353	333	311
42.5°	440	443	444	446	444	443	440	433	414	389	362
40°	526	529	529	527	529	529	526	517	498	468	435
37.5°	673	683	687	700	687	683	673	653	624	583	542
35°	900	925	938	959	938	925	900	861	810	752	681
32.5°	1244	1294	1320	1347	1320	1294	1244	1170	1069	960	855
30°	1849	1948	1988	2061	1988	1948	1849	1700	1484	1295	1105
27.5°	3095	3329	3422	3615	3422	3329	3095	2721	2212	1897	1504
25°	5213	5718	5997	6218	5997	5718	5213	4501	3719	3025	2213
22.5°	8173	8914	9310	9602	9310	8914	8173	7059	5955	4797	3550
20°	11971	12948	13531	13955	13531	12948	11971	10486	8847	7153	5420
17.5°	18193	19729	20628	21400	20628	19729	18193	15479	13365	11135	8167
15°	27160	30247	32647	33983	32647	30247	27160	22920	19119	15759	11763
12.5°	35884	40406	43092	44328	43092	40406	35884	30621	24668	19568	14839
10°	44511	48775	51331	51783	51331	48775	44511	38285	30761	23544	17470
7.5°	51116	55805	59201	60435	59201	55805	51116	45203	36622	28188	20495
5°	56949	62440	66034	66490	66034	62440	56949	49871	41338	31657	22888
2.5°	61240	67209	70695	71893	70695	67209	61240	53376	44416	33779	24160
0°	63316	69745	73623	75368	73623	69745	63316	55138	45924	34774	24674
-2.5°	62880	69529	73857	76135	73857	69529	62880	54764	45326	34088	24359
-5°	60489	67157	71193	73613	71193	67157	60489	52098	42533	31992	23162
-7.5°	54975	61211	65508	67741	65508	61211	54975	47804	37918	28625	21387
-10°	47871	53149	57065	58968	57065	53149	47871	40364	32353	24766	18984
-12.5°	38639	43759	47292	48638	47292	43759	38639	32646	26057	21071	16565
-15°	29605	33512	36022	36816	36022	33512	29605	25308	21288	17470	13730
-17.5°	22451	24554	25966	26347	25966	24554	22451	19650	16943	13911	10877
-20°	16820	18123	19040	19257	19040	18123	16820	14937	12862	10389	8122

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REPORT NUMBER: P627384 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-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°	12255	13235	13975	14123	13975	13235	12255	10879	9175	7380	5657
-25°	8454	9273	9775	9813	9775	9273	8454	7333	6068	4964	3755
-27.5°	5300	5750	5982	6064	5982	5750	5300	4635	3791	3264	2630
-30°	3275	3483	3592	3595	3592	3483	3275	2972	2567	2256	1946
-32.5°	2223	2324	2378	2378	2378	2324	2223	2077	1884	1697	1527
-35°	1665	1717	1747	1750	1747	1717	1665	1589	1488	1376	1263
-37.5°	1339	1368	1383	1385	1383	1368	1339	1294	1232	1158	1082
-40°	1120	1140	1152	1160	1152	1140	1120	1091	1051	1004	952
-42.5°	968	981	987	983	987	981	968	951	925	892	857
-45°	863	870	875	877	875	870	863	852	832	808	780
-47.5°	779	782	785	786	785	782	779	772	757	736	712
-50°	712	716	716	714	716	716	712	707	697	679	657
-52.5°	659	660	661	662	661	660	659	656	649	630	608
-55°	615	617	618	618	618	617	615	612	606	588	568
-57.5°	578	582	582	580	582	582	578	573	567	550	532
-60°	539	543	546	547	546	543	539	533	526	510	491
-62.5°	486	491	493	494	493	491	486	480	472	458	442
-65°	425	429	435	441	435	429	425	419	413	402	388
-67.5°	368	372	378	383	378	372	368	364	358	349	337
-70°	320	324	326	326	326	324	320	315	309	301	289
-72.5°	272	276	278	278	278	276	272	268	262	255	245
-75°	225	229	230	230	230	229	225	221	216	210	201
-77.5°	178	181	182	182	182	181	178	174	170	165	158
-80°	135	138	136	134	136	138	135	131	127	123	118
-82.5°	92	95	93	91	93	95	92	89	86	83	80
-85°	56	57	55	53	55	57	56	54	52	50	48
-87.5°	23	24	22	19	22	24	23	21	20	19	18
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-730-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°	6	6	5	5	4	2	1	2	1	0	1
60°	24	17	21	22	18	12	12	10	5	4	4
57.5°	70	67	57	50	48	42	34	27	22	15	9
55°	106	99	90	80	70	65	59	50	42	32	24
52.5°	133	130	122	109	99	91	80	72	64	55	42
50°	185	175	164	151	138	125	114	99	86	76	65
47.5°	237	225	214	200	181	164	150	134	114	97	86
45°	289	270	255	239	220	200	183	165	144	124	105
42.5°	339	313	289	275	253	232	213	195	173	150	130
40°	402	363	338	319	297	266	247	226	203	176	155
37.5°	491	438	406	381	354	320	289	263	236	208	182
35°	610	544	485	447	418	376	338	304	273	242	211
32.5°	740	658	575	517	469	427	385	347	309	275	242
30°	931	797	680	586	526	474	427	385	344	306	273
27.5°	1229	982	824	681	585	523	471	421	376	335	300
25°	1722	1291	1013	816	663	578	520	461	408	363	325
22.5°	2480	1809	1308	979	788	668	578	502	441	396	353
20°	3797	2524	1754	1282	977	773	650	557	488	432	382
17.5°	5848	3954	2334	1666	1232	940	745	622	536	467	411
15°	8212	5566	3481	2222	1519	1078	832	683	585	505	440
12.5°	10604	7230	4474	2676	1764	1233	935	757	634	538	463
10°	12499	8718	5511	3329	2074	1390	1025	811	668	565	484
7.5°	14449	9939	6384	3819	2333	1522	1094	855	696	586	501
5°	15872	10930	7127	4203	2537	1624	1148	890	719	604	516
2.5°	16846	11607	7629	4439	2672	1696	1190	917	740	616	526
0°	17296	11927	7862	4607	2747	1740	1222	935	757	623	532
-2.5°	17191	11907	7720	4549	2750	1763	1234	939	763	631	538
-5°	16502	11480	7468	4428	2681	1751	1238	941	763	636	540
-7.5°	15541	10726	6904	4131	2540	1705	1229	940	762	638	543
-10°	14045	9550	6126	3729	2350	1623	1196	925	754	634	542
-12.5°	12199	8218	5211	3126	2087	1501	1136	895	739	625	537
-15°	10043	6819	4363	2760	1873	1375	1064	856	721	611	529
-17.5°	7913	5336	3350	2272	1653	1266	1010	830	700	598	521
-20°	5817	3878	2703	1920	1438	1137	941	793	676	586	514

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REPORT NUMBER: P627384 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-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°	4034	2928	2101	1575	1271	1046	879	751	647	570	504
-25°	2906	2176	1684	1370	1126	947	821	715	627	554	490
-27.5°	2135	1687	1417	1179	999	877	772	679	602	535	478
-30°	1645	1405	1200	1025	909	809	724	647	578	515	464
-32.5°	1335	1185	1031	923	830	751	680	614	551	497	447
-35°	1135	1023	922	839	764	700	637	580	527	477	427
-37.5°	992	904	834	767	709	652	600	550	502	453	409
-40°	886	818	761	707	659	612	568	523	477	430	390
-42.5°	806	753	700	656	614	578	539	497	453	410	373
-45°	740	695	649	613	579	545	512	472	431	393	356
-47.5°	682	646	609	574	543	513	482	447	410	374	337
-50°	632	601	568	537	511	484	454	423	388	352	318
-52.5°	584	559	534	509	482	455	426	396	361	331	301
-55°	548	525	501	477	452	427	399	368	339	311	280
-57.5°	511	490	468	447	427	401	372	344	315	286	257
-60°	472	454	433	413	394	370	342	314	287	260	232
-62.5°	425	408	390	372	353	332	306	280	257	234	208
-65°	373	357	341	325	306	285	263	244	225	207	184
-67.5°	324	309	294	277	260	242	226	210	193	176	155
-70°	278	265	251	236	221	206	191	176	160	144	128
-72.5°	235	224	212	199	185	171	158	145	132	118	104
-75°	193	184	175	163	151	140	129	118	107	96	85
-77.5°	152	144	137	128	119	111	102	93	84	75	66
-80°	113	107	102	96	89	83	76	68	61	54	48
-82.5°	78	75	72	67	61	56	51	46	41	36	31
-85°	47	45	42	39	36	33	30	26	23	20	18
-87.5°	18	18	17	16	15	13	12	10	9	8	7
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627384 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	1	0	0	0
60°	3	2	1	1	1	0	0	1	1	0	0
57.5°	8	5	3	3	2	1	1	2	2	1	0
55°	15	11	7	4	4	3	1	2	3	2	0
52.5°	31	21	14	7	4	5	3	2	3	3	1
50°	50	35	24	15	6	6	4	3	4	5	3
47.5°	73	53	37	25	15	7	6	4	4	5	4
45°	92	75	53	36	23	14	9	5	4	5	4
42.5°	112	95	74	48	34	21	13	8	5	5	5
40°	135	114	94	67	46	29	19	11	5	5	5
37.5°	159	136	112	86	59	40	25	16	7	6	5
35°	184	158	130	102	74	51	30	21	12	7	5
32.5°	208	179	148	118	89	62	39	26	16	9	5
30°	235	198	165	134	102	74	49	32	20	11	5
27.5°	261	217	181	149	116	85	60	38	24	14	7
25°	286	239	198	162	129	97	70	45	29	17	8
22.5°	309	261	213	175	143	108	80	54	34	20	10
20°	333	282	229	191	157	121	89	62	40	23	12
17.5°	356	303	251	208	170	132	98	69	45	26	14
15°	380	324	270	224	184	143	107	76	50	29	16
12.5°	401	342	288	239	196	153	115	82	56	32	19
10°	419	359	303	253	208	162	122	87	61	34	21
7.5°	434	374	316	266	219	170	129	93	65	37	23
5°	446	385	326	275	228	178	135	98	70	39	25
2.5°	455	393	334	282	234	186	140	102	73	41	27
0°	460	398	340	288	240	192	144	105	77	43	29
-2.5°	466	403	347	294	245	198	148	109	79	47	29
-5°	468	406	351	298	249	203	152	111	82	51	30
-7.5°	471	409	355	301	253	207	154	113	83	54	30
-10°	471	412	358	304	255	208	156	114	85	57	30
-12.5°	469	412	359	305	256	209	159	117	86	58	31
-15°	465	412	358	305	256	209	161	119	87	59	31
-17.5°	460	409	355	302	255	209	162	120	88	58	32
-20°	455	405	351	298	253	208	161	120	88	57	33

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REPORT NUMBER: P627384 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-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°	449	397	345	293	249	206	160	118	86	56	35
-25°	439	388	337	290	246	204	158	115	85	55	35
-27.5°	427	377	329	284	242	200	154	113	82	53	36
-30°	413	367	322	278	236	194	148	109	79	52	36
-32.5°	398	357	313	270	228	187	141	105	77	52	35
-35°	385	345	303	260	220	179	135	99	73	52	35
-37.5°	369	332	290	249	211	170	131	97	70	51	34
-40°	354	317	275	238	201	161	126	94	68	49	33
-42.5°	338	300	263	227	191	154	120	91	66	47	32
-45°	320	284	251	216	180	147	115	86	63	45	30
-47.5°	302	271	237	203	171	139	109	82	59	43	29
-50°	288	256	222	190	160	131	101	76	56	41	27
-52.5°	271	238	205	176	148	121	94	70	53	38	25
-55°	249	218	188	161	136	110	84	65	49	35	23
-57.5°	227	197	172	147	122	97	76	59	44	32	21
-60°	204	179	156	132	108	86	68	53	40	28	19
-62.5°	184	161	137	115	94	76	60	47	35	26	17
-65°	161	139	118	99	81	66	53	41	31	23	15
-67.5°	135	117	100	84	69	57	45	36	28	20	14
-70°	113	97	83	69	57	47	39	31	24	17	13
-72.5°	92	79	67	55	47	40	33	26	20	15	11
-75°	74	63	54	45	39	32	27	21	16	12	9
-77.5°	57	49	42	36	31	26	21	16	12	10	8
-80°	42	37	32	28	23	19	15	11	9	7	6
-82.5°	28	25	22	20	16	13	10	7	6	5	4
-85°	16	14	13	12	9	7	5	4	4	3	3
-87.5°	6	6	6	5	5	4	3	2	2	2	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: P627384 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	1	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	1	1	0	0	0	0	0
47.5°	2	1	0	0	0	0	0
45°	3	2	0	0	0	0	0
42.5°	3	2	0	0	0	0	0
40°	4	3	0	0	0	0	0
37.5°	4	3	1	0	0	0	0
35°	5	4	1	0	0	0	0
32.5°	5	4	2	0	0	0	0
30°	5	4	2	0	0	0	0
27.5°	5	5	3	0	0	0	0
25°	5	5	3	0	0	0	0
22.5°	5	5	3	0	0	0	0
20°	5	5	4	0	0	0	0
17.5°	5	5	4	0	0	0	0
15°	6	5	4	0	0	0	0
12.5°	6	5	4	0	0	0	0
10°	7	5	5	0	0	0	0
7.5°	8	5	5	0	0	0	0
5°	8	5	5	0	0	0	0
2.5°	9	5	5	0	0	0	0
0°	10	5	5	0	0	0	0
-2.5°	11	5	5	0	0	0	0
-5°	13	6	5	1	0	0	0
-7.5°	15	6	5	1	0	0	0
-10°	16	7	5	1	0	0	0
-12.5°	18	7	5	1	0	0	0
-15°	18	7	4	2	0	0	0
-17.5°	19	8	4	2	0	0	0
-20°	19	8	4	2	0	0	0

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REPORT NUMBER: P627384 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-730-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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