

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: P627326 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-730-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627326 (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-SA4B-730-U-MWR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16672.4 lumens
Efficiency: N/A
Efficacy: 128.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 23357.8 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 11167.1 lumens
Beam Efficiency: 67.0%

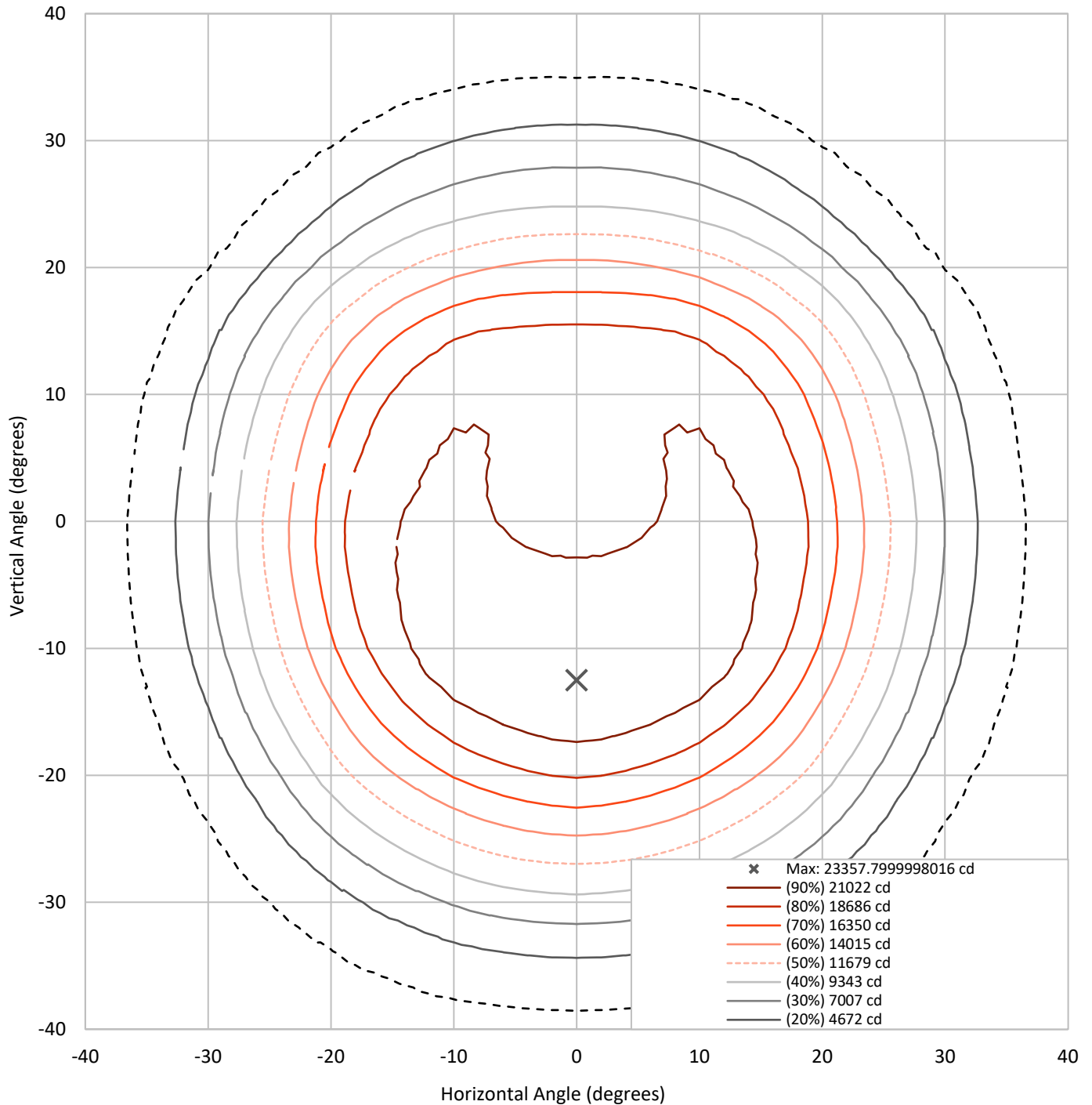
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 15035.6 lumens
Field Efficiency: 90.2%

Input Watts (W): 129.5
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: P627326 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-730-U-MWR-VSR-XX

Iso-Candela Plot





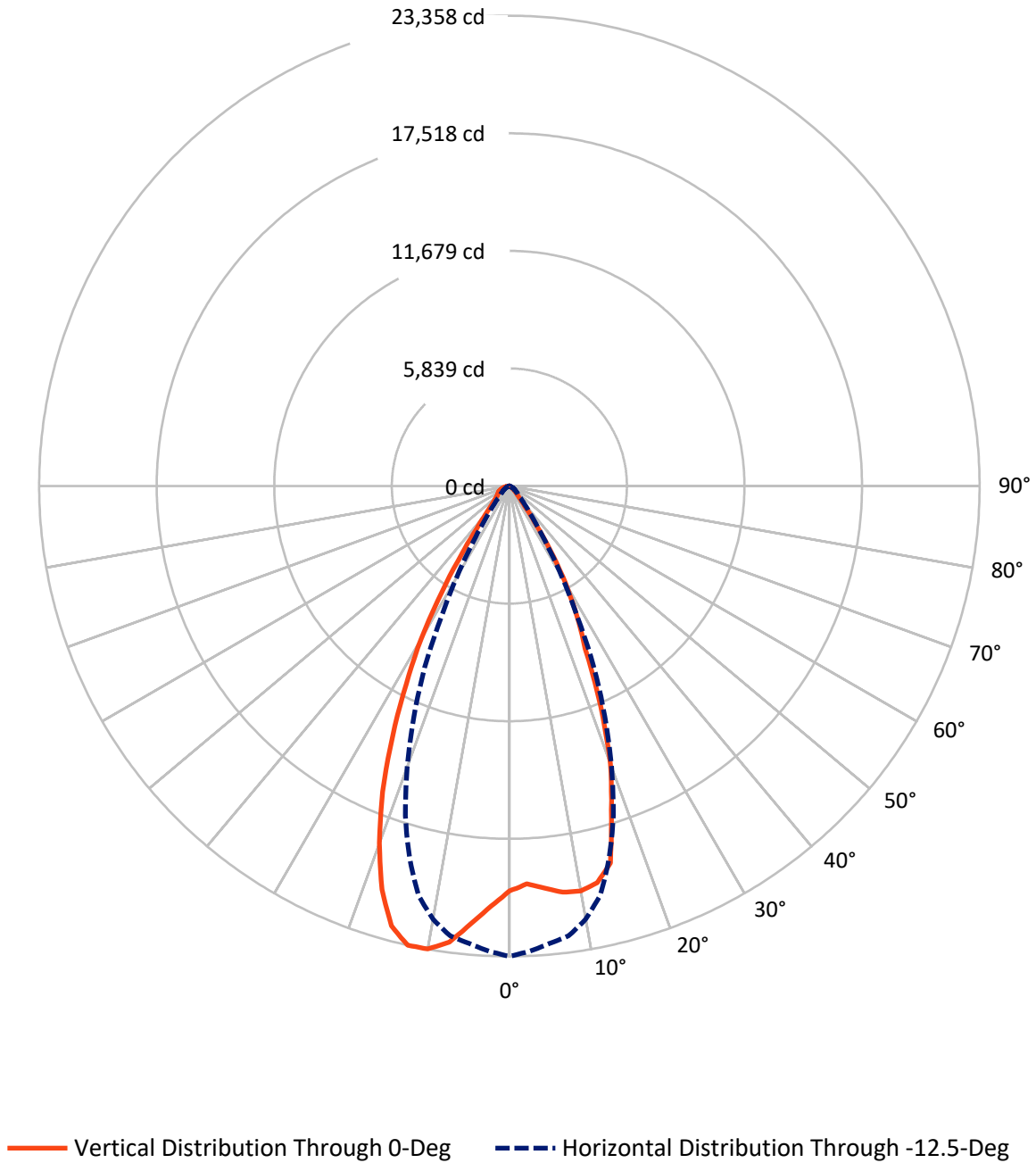
REPORT NUMBER: P627326 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.0	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	1.4	2.3	3.2	3.7	3.7	3.2	2.3	1.4	0.5	0.1		0.0			
40	0.1	0.1	0.6	2.4	4.7	7.7	11.4	14.0	14.0	11.4	7.7	4.7	2.4	0.6	0.1	0.1			
30		0.3	1.9	4.8	10.0	21.6	49.2	75.2	75.2	49.2	21.6	10.0	4.8	1.9	0.3				
20	0.2	0.7	3.1	7.8	20.9	77.5	199.6	279.0	279.0	199.6	77.5	20.9	7.8	3.1	0.7	0.2			
10		1.1	4.3	12.0	49.8	215.2	449.0	555.9	555.9	449.0	215.2	49.8	12.0	4.3	1.1				
0	0.3	1.5	5.4	15.5	79.3	316.9	578.9	627.6	627.6	578.9	316.9	79.3	15.5	5.4	1.5	0.3			
-10		1.7	5.9	16.6	82.9	327.3	599.8	666.1	666.1	599.8	327.3	82.9	16.6	5.9	1.7				
-20	0.5	1.8	6.0	15.1	59.3	243.7	506.0	646.0	646.0	506.0	243.7	59.3	15.1	6.0	1.8	0.5			
-30		1.8	5.7	12.6	33.2	118.2	281.9	396.7	396.7	281.9	118.2	33.2	12.6	5.7	1.8				
-40	0.4	1.5	5.1	10.4	19.8	42.1	88.1	130.7	130.7	88.1	42.1	19.8	10.4	5.1	1.5	0.4			
-50		1.3	4.3	8.7	14.5	21.4	30.1	35.6	35.6	30.1	21.4	14.5	8.7	4.3	1.3				
-60	0.3	1.0	3.2	6.8	11.4	15.7	19.6	21.5	21.5	19.6	15.7	11.4	6.8	3.2	1.0	0.3			
-70		0.7	2.1	4.7	8.0	11.3	14.3	15.9	15.9	14.3	11.3	8.0	4.7	2.1	0.7				
-80	0.1	1.8	8.4	17.9	22.9	17.9	8.4	1.8	0.1						0.1				
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

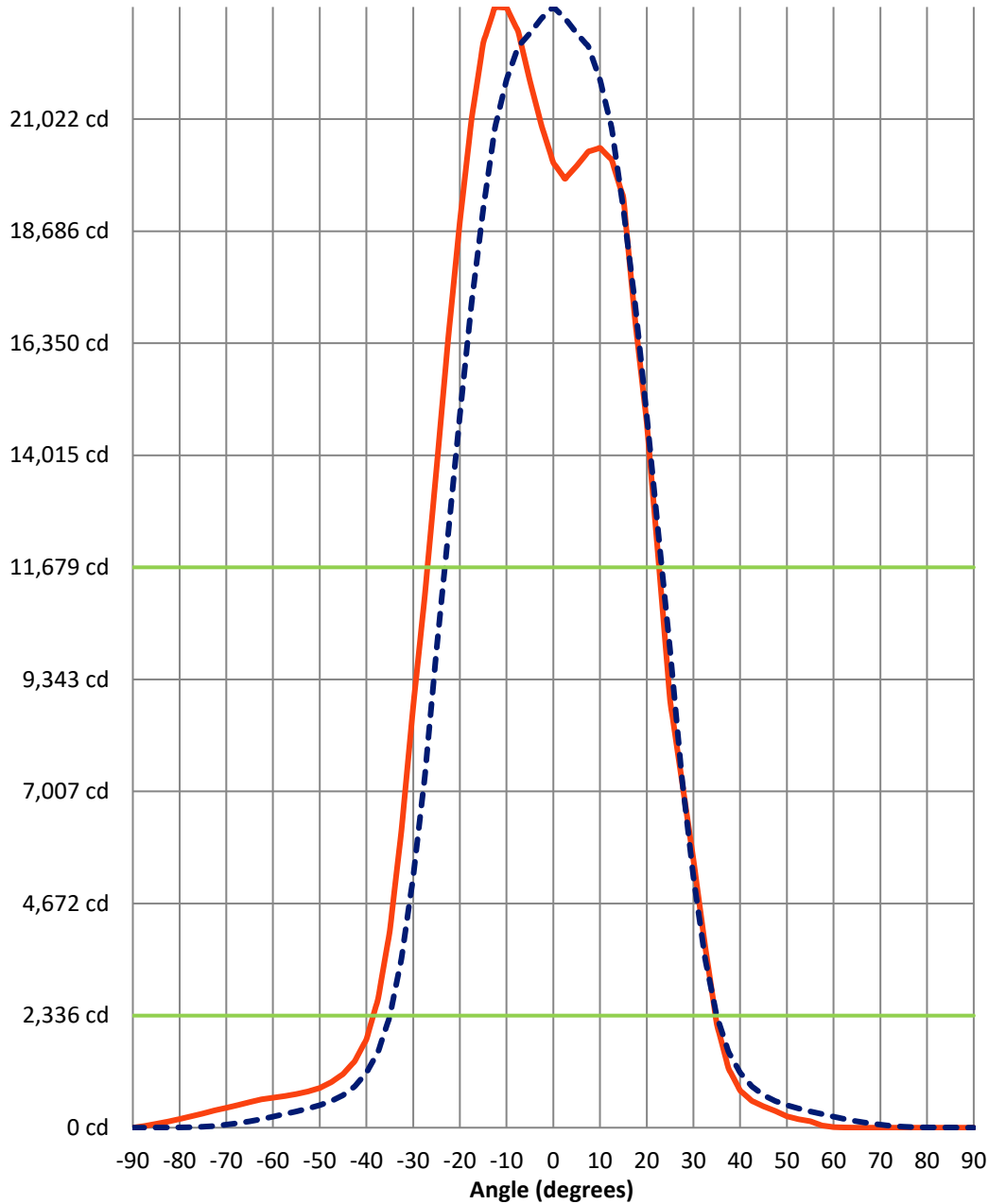
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 11167.1
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 15035.6
 Efficiency: 90.2%

Spill:
 Lumens: 1636.8
 Efficiency: 9.8%

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

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Scaled Data Report

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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	9	11
35°	0	0	2	4	4	4	6	6	8	11	14
32.5°	0	0	3	4	4	4	6	6	9	14	23
30°	0	0	3	4	4	5	7	6	11	17	31
27.5°	0	0	3	4	4	5	7	8	13	20	38
25°	0	0	3	4	4	6	7	9	15	26	44
22.5°	0	0	3	4	4	6	7	10	18	32	52
20°	0	0	3	4	4	7	8	11	22	37	61
17.5°	0	0	3	4	4	7	8	12	25	41	69
15°	0	0	4	4	4	7	8	14	28	45	77
12.5°	0	0	4	4	4	7	9	17	32	49	85
10°	0	0	4	4	4	7	9	20	34	55	93
7.5°	0	0	4	4	4	8	10	23	37	62	99
5°	0	0	4	4	4	8	10	25	39	68	104
2.5°	0	0	4	4	4	8	11	28	41	75	108
0°	0	0	4	4	4	8	11	31	42	80	111
-2.5°	0	0	4	4	4	8	14	32	48	84	117
-5°	0	0	4	4	4	8	15	33	53	87	122
-7.5°	0	0	4	4	5	9	17	33	57	90	126
-10°	0	0	4	4	5	9	19	34	61	92	130
-12.5°	0	0	4	4	5	9	20	34	63	94	132
-15°	0	0	4	4	6	10	21	35	64	95	134
-17.5°	0	1	4	4	6	10	22	36	64	95	133
-20°	0	1	3	4	6	10	22	37	63	95	132

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Scaled Data Report



REPORT NUMBER: P627326 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-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	62	93	128
-25°	0	1	3	4	6	11	22	39	61	91	124
-27.5°	0	1	3	4	6	11	22	39	59	89	121
-30°	0	1	3	4	6	12	21	38	59	86	117
-32.5°	0	1	3	4	6	12	21	37	58	84	112
-35°	0	1	3	4	6	12	21	36	56	81	107
-37.5°	0	1	3	4	6	13	21	35	54	79	105
-40°	0	1	3	4	6	13	21	34	51	75	103
-42.5°	0	1	3	4	6	13	21	32	48	71	100
-45°	0	1	3	4	7	13	20	31	46	67	95
-47.5°	0	1	3	4	7	12	20	30	44	62	89
-50°	0	1	3	4	7	12	19	29	42	59	82
-52.5°	0	1	3	4	7	12	19	27	40	56	75
-55°	0	1	3	5	7	11	18	26	38	53	71
-57.5°	0	1	3	5	7	11	17	24	35	49	66
-60°	0	1	3	5	7	10	16	23	33	46	60
-62.5°	0	1	3	5	7	10	15	22	31	42	55
-65°	0	1	3	5	6	9	14	20	28	38	50
-67.5°	0	1	3	5	6	9	13	18	25	34	44
-70°	0	1	2	5	6	8	11	16	22	29	38
-72.5°	0	1	2	4	6	8	10	13	19	25	32
-75°	0	0	2	4	6	7	9	12	15	20	26
-77.5°	0	0	2	3	5	7	9	11	13	16	20
-80°	0	0	1	2	4	6	8	9	12	14	16
-82.5°	0	0	1	2	3	4	6	8	10	11	13
-85°	0	0	1	1	2	3	4	5	7	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



REPORT NUMBER: P627326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-730-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	14	23	25
55°	4	4	4	5	6	7	10	21	32	39	43
52.5°	4	4	6	7	9	14	26	39	49	57	67
50°	5	6	8	11	17	30	45	58	72	84	99
47.5°	6	8	12	17	31	48	66	83	99	116	137
45°	8	12	16	30	47	69	91	110	126	146	165
42.5°	10	19	28	42	67	93	117	134	152	173	198
40°	16	26	40	62	89	119	141	158	177	208	238
37.5°	24	37	53	81	114	143	164	186	213	248	284
35°	32	47	71	102	138	165	189	216	254	294	337
32.5°	41	56	88	124	158	187	213	253	293	337	396
30°	49	71	106	144	176	207	244	288	328	382	451
27.5°	58	86	123	161	194	225	275	317	362	424	507
25°	68	102	140	176	210	250	304	349	396	475	586
22.5°	80	116	156	191	226	276	334	390	452	530	667
20°	93	130	170	208	241	301	366	435	518	628	807
17.5°	104	143	184	225	267	328	401	482	585	722	985
15°	115	154	198	242	291	356	436	535	660	830	1158
12.5°	125	164	211	258	312	381	466	575	722	966	1378
10°	134	173	223	274	331	403	492	608	773	1064	1542
7.5°	141	183	235	290	347	422	515	635	817	1141	1671
5°	147	194	245	301	360	438	534	655	855	1197	1770
2.5°	153	205	254	310	368	450	548	675	891	1243	1854
0°	157	214	260	318	375	460	559	689	919	1275	1919
-2.5°	162	219	269	324	386	466	564	700	928	1280	1906
-5°	167	223	277	328	394	470	565	704	927	1270	1866
-7.5°	171	225	282	332	399	472	566	701	917	1249	1803
-10°	173	227	284	336	400	472	563	693	896	1207	1707
-12.5°	177	230	285	338	400	469	556	677	861	1146	1583
-15°	180	231	284	338	398	464	544	656	816	1063	1430
-17.5°	181	231	283	335	395	457	528	630	773	991	1321
-20°	180	230	282	329	390	449	517	610	738	922	1188

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REPORT NUMBER: P627326 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-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°	179	229	279	325	383	441	504	585	693	844	1059
-25°	175	226	276	322	374	431	488	559	653	786	965
-27.5°	169	221	270	317	365	420	474	538	620	723	866
-30°	161	215	263	310	357	409	460	514	586	676	791
-32.5°	152	208	254	301	348	397	445	496	557	632	721
-35°	146	198	246	290	336	384	430	477	528	594	671
-37.5°	143	189	237	278	323	369	413	458	505	557	627
-40°	138	179	227	269	308	353	396	439	482	534	588
-42.5°	132	173	216	259	296	337	379	420	463	511	561
-45°	127	164	206	245	283	322	362	400	442	488	534
-47.5°	120	155	195	230	267	306	344	382	420	462	507
-50°	111	144	181	214	248	286	324	363	399	435	474
-52.5°	102	132	166	199	230	262	301	340	377	413	447
-55°	92	120	151	184	214	242	277	316	352	387	423
-57.5°	85	108	137	167	197	227	258	291	327	361	395
-60°	78	97	121	150	180	208	239	270	302	335	366
-62.5°	71	87	107	131	159	188	216	245	276	304	331
-65°	64	77	94	114	136	162	189	217	245	270	293
-67.5°	56	68	82	96	116	138	160	185	211	235	257
-70°	49	59	71	83	97	115	135	156	176	198	220
-72.5°	40	50	60	70	83	98	113	130	148	166	185
-75°	33	40	49	58	68	80	94	108	122	137	152
-77.5°	26	32	39	46	54	64	74	85	97	108	120
-80°	20	24	30	36	42	49	56	63	72	81	91
-82.5°	16	19	22	26	30	35	40	45	52	58	65
-85°	11	13	15	17	20	23	25	29	33	37	42
-87.5°	6	7	8	9	10	11	12	13	15	18	20
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627326 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	3	3	3	3
60°	10	7	10	12	12	9	14	16	14	12	12
57.5°	27	29	33	39	43	45	49	53	56	57	59
55°	49	59	69	74	82	95	106	107	109	112	118
52.5°	79	90	96	105	121	131	136	145	155	164	172
50°	114	124	136	150	166	176	179	195	214	230	239
47.5°	150	163	184	210	223	235	251	271	292	315	332
45°	184	207	234	257	275	294	316	341	374	405	429
42.5°	222	248	275	302	321	354	392	421	469	511	537
40°	266	292	331	363	404	445	510	570	630	700	751
37.5°	319	359	414	467	526	588	703	822	918	1054	1129
35°	383	445	522	601	697	845	1014	1242	1479	1677	1868
32.5°	457	536	643	784	944	1182	1436	1857	2266	2676	3078
30°	529	645	808	1001	1266	1642	2120	2770	3474	4091	4649
27.5°	626	790	1001	1291	1740	2292	3174	4077	4974	5774	6349
25°	743	963	1262	1741	2390	3305	4487	5594	6646	7431	8092
22.5°	912	1242	1666	2276	3454	4726	6142	7534	8716	9705	10357
20°	1121	1567	2277	3382	4768	6359	8180	9645	11101	12214	13208
17.5°	1417	2127	3130	4533	6189	8311	10186	11820	13668	14806	15820
15°	1683	2596	4025	5815	7756	10005	12217	14217	16001	17252	18385
12.5°	2020	3095	4737	6843	8966	11470	13769	15911	17658	18945	19738
10°	2322	3606	5449	7651	10027	12643	15026	17255	18948	19942	20526
7.5°	2565	4030	6025	8343	10851	13484	16001	18214	19833	20665	21064
5°	2754	4345	6476	8909	11515	14209	16778	18944	20308	20996	21218
2.5°	2895	4564	6780	9282	11963	14744	17367	19502	20665	21162	21235
0°	2991	4718	6978	9517	12347	14936	17686	19853	20960	21359	21397
-2.5°	2968	4663	6969	9432	12303	15022	17737	19876	21060	21596	21683
-5°	2908	4531	6738	9191	11953	14676	17265	19524	20978	21786	22144
-7.5°	2792	4305	6343	8730	11386	14112	16752	19096	20768	21906	22606
-10°	2593	3973	5837	8146	10764	13362	15972	18404	20205	21574	22550
-12.5°	2322	3524	5221	7320	9951	12377	14848	17178	19144	20832	21841
-15°	2042	3056	4580	6500	8792	11180	13463	15750	17691	19269	20527
-17.5°	1843	2646	3838	5519	7531	9797	12024	14125	15876	17360	18679
-20°	1591	2187	3131	4544	6316	8296	10430	12300	13864	15255	16515

Classified

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

Scaled Data Report



REPORT NUMBER: P627326 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-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°	1390	1873	2555	3519	5110	6857	8603	10324	11794	13033	14109
-25°	1208	1547	2080	2864	3899	5407	6878	8331	9689	10841	11809
-27.5°	1065	1335	1690	2248	3033	3914	5202	6417	7584	8637	9551
-30°	935	1137	1415	1764	2298	2952	3727	4635	5566	6397	7227
-32.5°	841	985	1176	1435	1734	2203	2671	3282	3872	4478	5073
-35°	758	873	1003	1176	1382	1655	1964	2337	2652	3049	3415
-37.5°	700	781	881	990	1137	1289	1498	1725	1920	2141	2327
-40°	652	716	783	857	958	1061	1196	1323	1447	1582	1683
-42.5°	612	664	712	769	829	911	1002	1081	1157	1236	1302
-45°	581	619	658	702	748	807	872	931	980	1024	1060
-47.5°	547	581	616	650	689	732	774	812	853	887	912
-50°	514	548	579	608	642	676	709	740	769	794	810
-52.5°	481	516	547	574	603	631	658	686	711	734	744
-55°	457	489	520	545	569	592	617	643	666	688	695
-57.5°	430	463	492	515	537	558	581	605	628	648	655
-60°	399	433	459	481	503	526	548	569	590	608	615
-62.5°	361	392	417	438	458	477	500	523	545	563	573
-65°	318	344	367	389	408	427	449	470	489	505	516
-67.5°	279	300	319	338	357	376	396	416	435	448	457
-70°	241	260	278	296	313	329	346	362	378	390	399
-72.5°	203	220	236	251	267	282	296	310	324	334	343
-75°	168	182	196	209	222	234	245	256	266	275	283
-77.5°	132	144	156	167	178	187	196	204	212	220	227
-80°	101	110	118	127	135	142	149	155	161	167	173
-82.5°	73	78	84	89	95	100	105	109	114	118	122
-85°	46	49	52	56	59	62	64	67	70	73	75
-87.5°	22	23	25	26	28	29	31	32	33	35	36
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-730-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	3
60°	12	11	11	12	11	11	12	12	12	14	16
57.5°	58	54	50	46	50	54	58	59	57	56	53
55°	125	132	135	134	135	132	125	118	112	109	107
52.5°	178	181	180	176	180	181	178	172	164	155	145
50°	243	243	241	237	241	243	243	239	230	214	195
47.5°	341	347	349	349	349	347	341	332	315	292	271
45°	438	443	445	444	445	443	438	429	405	374	341
42.5°	551	559	562	559	562	559	551	537	511	469	421
40°	780	790	786	774	786	790	780	751	700	630	570
37.5°	1182	1220	1237	1237	1237	1220	1182	1129	1054	918	822
35°	2039	2176	2238	2160	2238	2176	2039	1868	1677	1479	1242
32.5°	3406	3648	3784	3784	3784	3648	3406	3078	2676	2266	1857
30°	5071	5374	5544	5580	5544	5374	5071	4649	4091	3474	2770
27.5°	6798	7111	7274	7250	7274	7111	6798	6349	5774	4974	4077
25°	8531	8768	8904	8908	8904	8768	8531	8092	7431	6646	5594
22.5°	11090	11589	11794	11849	11794	11589	11090	10357	9705	8716	7534
20°	13881	14364	14676	14695	14676	14364	13881	13208	12214	11101	9645
17.5°	16539	16779	16823	16843	16823	16779	16539	15820	14806	13668	11820
15°	19045	19129	19351	19379	19351	19129	19045	18385	17252	16001	14217
12.5°	20236	20312	20274	20171	20274	20312	20236	19738	18945	17658	15911
10°	20884	20776	20614	20420	20614	20776	20884	20526	19942	18948	17255
7.5°	21031	20911	20626	20344	20626	20911	21031	21064	20665	19833	18214
5°	21101	20747	20388	20045	20388	20747	21101	21218	20996	20308	18944
2.5°	21060	20639	20145	19777	20145	20639	21060	21235	21162	20665	19502
0°	21194	20769	20252	20114	20252	20769	21194	21397	21359	20960	19853
-2.5°	21568	21223	20954	20880	20954	21223	21568	21683	21596	21060	19876
-5°	22241	22165	21707	21814	21707	22165	22241	22144	21786	20978	19524
-7.5°	22891	22784	22590	22841	22590	22784	22891	22606	21906	20768	19096
-10°	23064	23029	23120	23342	23120	23029	23064	22550	21574	20205	18404
-12.5°	22534	22812	23123	23358	23123	22812	22534	21841	20832	19144	17178
-15°	21353	21921	22386	22607	22386	21921	21353	20527	19269	17691	15750
-17.5°	19613	20309	20861	21018	20861	20309	19613	18679	17360	15876	14125
-20°	17470	18178	18680	18881	18680	18178	17470	16515	15255	13864	12300

Classified

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

Scaled Data Report



REPORT NUMBER: P627326 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-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°	15059	15750	16205	16445	16205	15750	15059	14109	13033	11794	10324
-25°	12612	13220	13623	13730	13623	13220	12612	11809	10841	9689	8331
-27.5°	10272	10761	11058	11091	11058	10761	10272	9551	8637	7584	6417
-30°	7918	8372	8629	8766	8629	8372	7918	7227	6397	5566	4635
-32.5°	5561	5921	6139	6197	6139	5921	5561	5073	4478	3872	3282
-35°	3707	3932	4070	4098	4070	3932	3707	3415	3049	2652	2337
-37.5°	2479	2588	2655	2688	2655	2588	2479	2327	2141	1920	1725
-40°	1756	1808	1836	1842	1836	1808	1756	1683	1582	1447	1323
-42.5°	1343	1369	1383	1386	1383	1369	1343	1302	1236	1157	1081
-45°	1085	1104	1115	1118	1115	1104	1085	1060	1024	980	931
-47.5°	929	940	947	950	947	940	929	912	887	853	812
-50°	819	826	828	827	828	826	819	810	794	769	740
-52.5°	750	755	756	755	756	755	750	744	734	711	686
-55°	699	702	703	701	703	702	699	695	688	666	643
-57.5°	660	664	663	659	663	664	660	655	648	628	605
-60°	621	626	626	624	626	626	621	615	608	590	569
-62.5°	583	590	591	590	591	590	583	573	563	545	523
-65°	527	536	536	532	536	536	527	516	505	489	470
-67.5°	465	472	473	471	473	472	465	457	448	435	416
-70°	408	415	415	414	415	415	408	399	390	378	362
-72.5°	351	358	360	360	360	358	351	343	334	324	310
-75°	290	297	297	295	297	297	290	283	275	266	256
-77.5°	234	240	239	237	239	240	234	227	220	212	204
-80°	178	183	182	180	182	183	178	173	167	161	155
-82.5°	126	130	128	126	128	130	126	122	118	114	109
-85°	78	80	80	80	80	80	78	75	73	70	67
-87.5°	37	38	36	35	36	38	37	36	35	33	32
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-730-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°	14	9	12	12	10	7	10	9	4	3	3
57.5°	49	45	43	39	33	29	27	25	23	14	5
55°	106	95	82	74	69	59	49	43	39	32	21
52.5°	136	131	121	105	96	90	79	67	57	49	39
50°	179	176	166	150	136	124	114	99	84	72	58
47.5°	251	235	223	210	184	163	150	137	116	99	83
45°	316	294	275	257	234	207	184	165	146	126	110
42.5°	392	354	321	302	275	248	222	198	173	152	134
40°	510	445	404	363	331	292	266	238	208	177	158
37.5°	703	588	526	467	414	359	319	284	248	213	186
35°	1014	845	697	601	522	445	383	337	294	254	216
32.5°	1436	1182	944	784	643	536	457	396	337	293	253
30°	2120	1642	1266	1001	808	645	529	451	382	328	288
27.5°	3174	2292	1740	1291	1001	790	626	507	424	362	317
25°	4487	3305	2390	1741	1262	963	743	586	475	396	349
22.5°	6142	4726	3454	2276	1666	1242	912	667	530	452	390
20°	8180	6359	4768	3382	2277	1567	1121	807	628	518	435
17.5°	10186	8311	6189	4533	3130	2127	1417	985	722	585	482
15°	12217	10005	7756	5815	4025	2596	1683	1158	830	660	535
12.5°	13769	11470	8966	6843	4737	3095	2020	1378	966	722	575
10°	15026	12643	10027	7651	5449	3606	2322	1542	1064	773	608
7.5°	16001	13484	10851	8343	6025	4030	2565	1671	1141	817	635
5°	16778	14209	11515	8909	6476	4345	2754	1770	1197	855	655
2.5°	17367	14744	11963	9282	6780	4564	2895	1854	1243	891	675
0°	17686	14936	12347	9517	6978	4718	2991	1919	1275	919	689
-2.5°	17737	15022	12303	9432	6969	4663	2968	1906	1280	928	700
-5°	17265	14676	11953	9191	6738	4531	2908	1866	1270	927	704
-7.5°	16752	14112	11386	8730	6343	4305	2792	1803	1249	917	701
-10°	15972	13362	10764	8146	5837	3973	2593	1707	1207	896	693
-12.5°	14848	12377	9951	7320	5221	3524	2322	1583	1146	861	677
-15°	13463	11180	8792	6500	4580	3056	2042	1430	1063	816	656
-17.5°	12024	9797	7531	5519	3838	2646	1843	1321	991	773	630
-20°	10430	8296	6316	4544	3131	2187	1591	1188	922	738	610

Classified

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

Scaled Data Report



REPORT NUMBER: P627326 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-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°	8603	6857	5110	3519	2555	1873	1390	1059	844	693	585
-25°	6878	5407	3899	2864	2080	1547	1208	965	786	653	559
-27.5°	5202	3914	3033	2248	1690	1335	1065	866	723	620	538
-30°	3727	2952	2298	1764	1415	1137	935	791	676	586	514
-32.5°	2671	2203	1734	1435	1176	985	841	721	632	557	496
-35°	1964	1655	1382	1176	1003	873	758	671	594	528	477
-37.5°	1498	1289	1137	990	881	781	700	627	557	505	458
-40°	1196	1061	958	857	783	716	652	588	534	482	439
-42.5°	1002	911	829	769	712	664	612	561	511	463	420
-45°	872	807	748	702	658	619	581	534	488	442	400
-47.5°	774	732	689	650	616	581	547	507	462	420	382
-50°	709	676	642	608	579	548	514	474	435	399	363
-52.5°	658	631	603	574	547	516	481	447	413	377	340
-55°	617	592	569	545	520	489	457	423	387	352	316
-57.5°	581	558	537	515	492	463	430	395	361	327	291
-60°	548	526	503	481	459	433	399	366	335	302	270
-62.5°	500	477	458	438	417	392	361	331	304	276	245
-65°	449	427	408	389	367	344	318	293	270	245	217
-67.5°	396	376	357	338	319	300	279	257	235	211	185
-70°	346	329	313	296	278	260	241	220	198	176	156
-72.5°	296	282	267	251	236	220	203	185	166	148	130
-75°	245	234	222	209	196	182	168	152	137	122	108
-77.5°	196	187	178	167	156	144	132	120	108	97	85
-80°	149	142	135	127	118	110	101	91	81	72	63
-82.5°	105	100	95	89	84	78	73	65	58	52	45
-85°	64	62	59	56	52	49	46	42	37	33	29
-87.5°	31	29	28	26	25	23	22	20	18	15	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627326 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-730-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°	45	30	17	11	8	6	5	4	4	4	4
47.5°	66	48	31	17	12	8	6	5	4	4	4
45°	91	69	47	30	16	12	8	6	5	4	5
42.5°	117	93	67	42	28	19	10	8	6	4	5
40°	141	119	89	62	40	26	16	9	7	5	5
37.5°	164	143	114	81	53	37	24	11	9	6	5
35°	189	165	138	102	71	47	32	14	11	8	6
32.5°	213	187	158	124	88	56	41	23	14	9	6
30°	244	207	176	144	106	71	49	31	17	11	6
27.5°	275	225	194	161	123	86	58	38	20	13	8
25°	304	250	210	176	140	102	68	44	26	15	9
22.5°	334	276	226	191	156	116	80	52	32	18	10
20°	366	301	241	208	170	130	93	61	37	22	11
17.5°	401	328	267	225	184	143	104	69	41	25	12
15°	436	356	291	242	198	154	115	77	45	28	14
12.5°	466	381	312	258	211	164	125	85	49	32	17
10°	492	403	331	274	223	173	134	93	55	34	20
7.5°	515	422	347	290	235	183	141	99	62	37	23
5°	534	438	360	301	245	194	147	104	68	39	25
2.5°	548	450	368	310	254	205	153	108	75	41	28
0°	559	460	375	318	260	214	157	111	80	42	31
-2.5°	564	466	386	324	269	219	162	117	84	48	32
-5°	565	470	394	328	277	223	167	122	87	53	33
-7.5°	566	472	399	332	282	225	171	126	90	57	33
-10°	563	472	400	336	284	227	173	130	92	61	34
-12.5°	556	469	400	338	285	230	177	132	94	63	34
-15°	544	464	398	338	284	231	180	134	95	64	35
-17.5°	528	457	395	335	283	231	181	133	95	64	36
-20°	517	449	390	329	282	230	180	132	95	63	37

Classified

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

Scaled Data Report



REPORT NUMBER: P627326 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-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°	504	441	383	325	279	229	179	128	93	62	38
-25°	488	431	374	322	276	226	175	124	91	61	39
-27.5°	474	420	365	317	270	221	169	121	89	59	39
-30°	460	409	357	310	263	215	161	117	86	59	38
-32.5°	445	397	348	301	254	208	152	112	84	58	37
-35°	430	384	336	290	246	198	146	107	81	56	36
-37.5°	413	369	323	278	237	189	143	105	79	54	35
-40°	396	353	308	269	227	179	138	103	75	51	34
-42.5°	379	337	296	259	216	173	132	100	71	48	32
-45°	362	322	283	245	206	164	127	95	67	46	31
-47.5°	344	306	267	230	195	155	120	89	62	44	30
-50°	324	286	248	214	181	144	111	82	59	42	29
-52.5°	301	262	230	199	166	132	102	75	56	40	27
-55°	277	242	214	184	151	120	92	71	53	38	26
-57.5°	258	227	197	167	137	108	85	66	49	35	24
-60°	239	208	180	150	121	97	78	60	46	33	23
-62.5°	216	188	159	131	107	87	71	55	42	31	22
-65°	189	162	136	114	94	77	64	50	38	28	20
-67.5°	160	138	116	96	82	68	56	44	34	25	18
-70°	135	115	97	83	71	59	49	38	29	22	16
-72.5°	113	98	83	70	60	50	40	32	25	19	13
-75°	94	80	68	58	49	40	33	26	20	15	12
-77.5°	74	64	54	46	39	32	26	20	16	13	11
-80°	56	49	42	36	30	24	20	16	14	12	9
-82.5°	40	35	30	26	22	19	16	13	11	10	8
-85°	25	23	20	17	15	13	11	10	8	7	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: P627326 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-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°	8	7	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	8	4	4	4	0	0
5°	10	8	4	4	4	0	0
2.5°	11	8	4	4	4	0	0
0°	11	8	4	4	4	0	0
-2.5°	14	8	4	4	4	0	0
-5°	15	8	4	4	4	0	0
-7.5°	17	9	5	4	4	0	0
-10°	19	9	5	4	4	0	0
-12.5°	20	9	5	4	4	0	0
-15°	21	10	6	4	4	0	0
-17.5°	22	10	6	4	4	1	0
-20°	22	10	6	4	3	1	0

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REPORT NUMBER: P627326 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-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	11	6	4	3	1	0
-27.5°	22	11	6	4	3	1	0
-30°	21	12	6	4	3	1	0
-32.5°	21	12	6	4	3	1	0
-35°	21	12	6	4	3	1	0
-37.5°	21	13	6	4	3	1	0
-40°	21	13	6	4	3	1	0
-42.5°	21	13	6	4	3	1	0
-45°	20	13	7	4	3	1	0
-47.5°	20	12	7	4	3	1	0
-50°	19	12	7	4	3	1	0
-52.5°	19	12	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	7	5	3	1	0
-65°	14	9	6	5	3	1	0
-67.5°	13	9	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°	9	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)