

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: P627324 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627324 (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-SA4B-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: 17248.6 lumens  
Efficiency: N/A  
Efficacy: 133.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 60815.3 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 8624.4 lumens  
Beam Efficiency: 50.0%

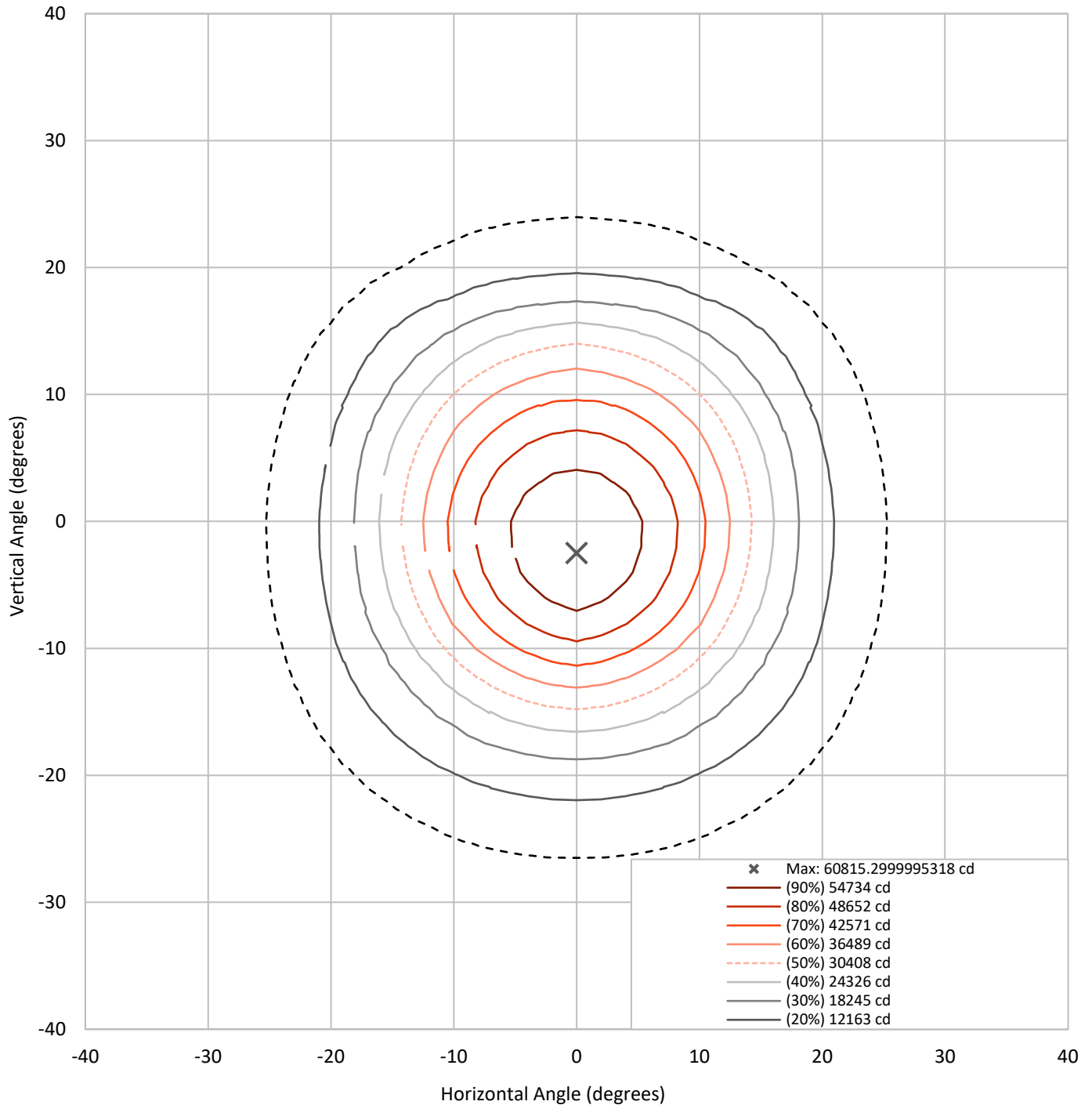
Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 14819.7 lumens  
Field Efficiency: 85.9%

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



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### Iso-Candela Plot





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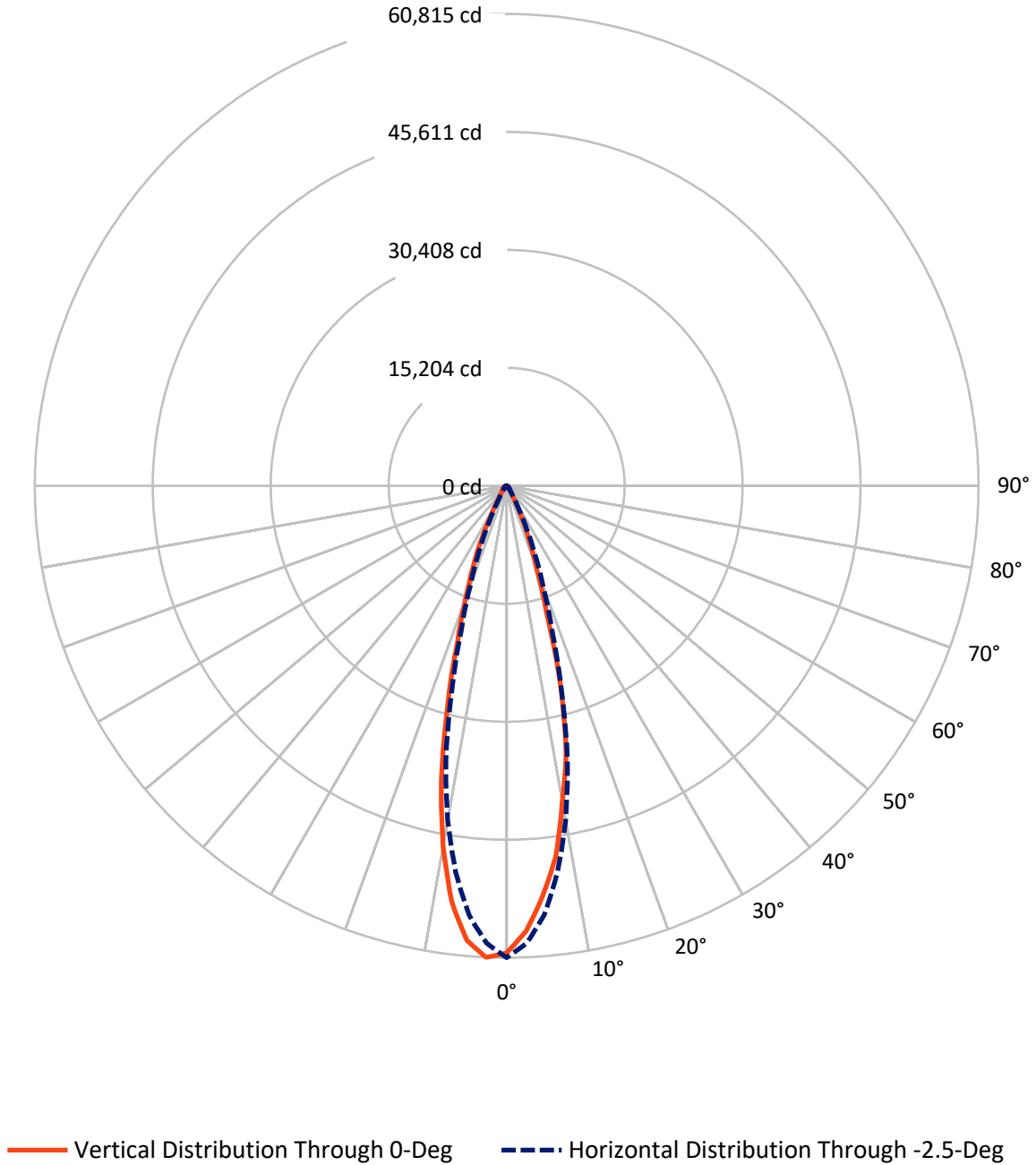
CATALOG NUMBER: GFLD-SA4B-730-U-MR-VSR-XX

### Lumen Table

90	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	0.0	0.0	
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	0.0	0.0	
70	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	0.0	0.0	
60		0.0	0.1	0.5	1.2	2.0	2.7	3.3	3.3	2.7	2.0	1.2	0.5	0.1				0.0
50	0.0	0.1	0.6	1.9	3.6	5.6	7.8	9.2	9.2	7.8	5.6	3.6	1.9	0.6	0.1	0.0	0.0	0.0
40		0.3	1.5	3.7	6.8	11.1	18.6	24.8	24.8	18.6	11.1	6.8	3.7	1.5	0.3			
30	0.1	0.5	2.3	5.6	10.7	26.1	81.9	150.1	150.1	81.9	26.1	10.7	5.6	2.3	0.5	0.1	0.1	0.1
20		0.8	3.2	7.7	18.4	89.8	365.3	715.2	715.2	365.3	89.8	18.4	7.7	3.2	0.8			
10	0.2	1.1	3.9	9.1	26.3	171.2	737.6	1445.7	1445.7	737.6	171.2	26.3	9.1	3.9	1.1	0.2	0.2	0.2
0		1.2	4.2	9.6	28.1	179.4	756.8	1532.9	1532.9	756.8	179.4	28.1	9.6	4.2	1.2			
-10	0.3	1.3	4.3	9.4	23.1	110.2	418.5	811.2	811.2	418.5	110.2	23.1	9.4	4.3	1.3	0.3	0.3	0.3
-20		1.3	4.1	8.6	17.0	42.8	129.6	231.2	231.2	129.6	42.8	17.0	8.6	4.1	1.3			
-30	0.3	1.1	3.7	7.4	12.9	21.1	34.5	46.1	46.1	34.5	21.1	12.9	7.4	3.7	1.1	0.3	0.3	0.3
-40		1.0	3.0	6.2	10.2	14.5	19.2	21.5	21.5	19.2	14.5	10.2	6.2	3.0	1.0			
-50	0.2	0.7	2.3	4.8	7.9	11.1	13.8	15.0	15.0	13.8	11.1	7.9	4.8	2.3	0.7	0.2	0.2	0.2
-60		0.5	1.4	3.1	5.3	7.5	9.4	10.4	10.4	9.4	7.5	5.3	3.1	1.4	0.5			
-70	0.1	0.7	2.3	4.8	7.9	11.1	13.8	15.0	15.0	13.8	11.1	7.9	4.8	2.3	0.7	0.1	0.1	0.1
-80		0.5	1.4	3.1	5.3	7.5	9.4	10.4	10.4	9.4	7.5	5.3	3.1	1.4	0.5			
-90	0.1	1.1	5.1	11.0	13.9	11.0	5.1	1.1	0.1	0.1	1.1	5.1	11.0	13.9	11.0	5.1	1.1	0.1

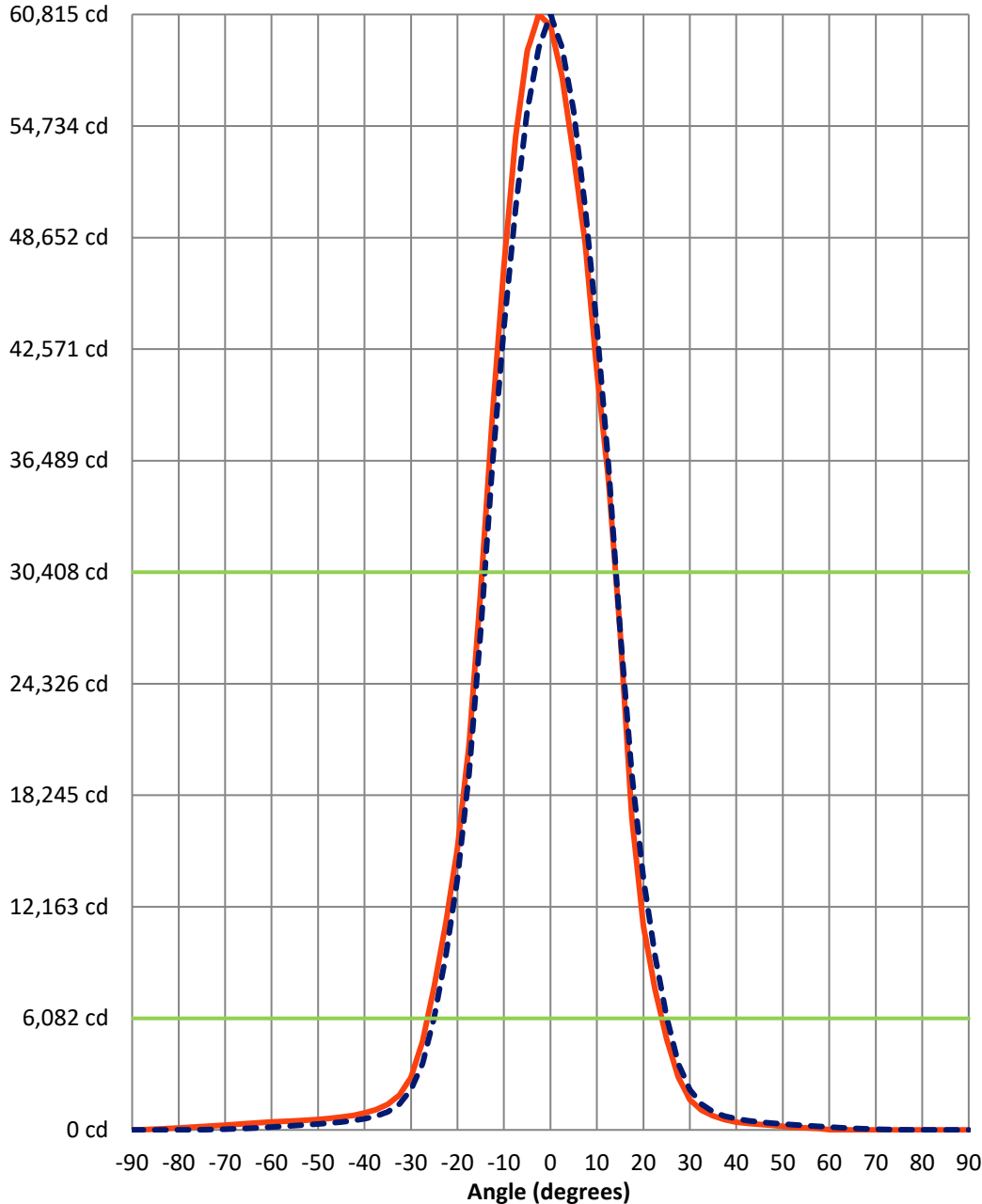
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CATALOG NUMBER: GFLD-SA4B-730-U-MR-VSR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 8624.4  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 14819.7  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 2428.8  
 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	4	3	3
47.5°	0	0	0	0	0	1	2	3	4	3	3
45°	0	0	0	0	0	1	2	4	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	6	13
35°	0	0	0	0	1	3	4	4	6	9	17
32.5°	0	0	0	0	1	3	4	4	7	13	21
30°	0	0	0	0	2	3	4	4	9	16	25
27.5°	0	0	0	0	2	4	4	5	11	19	30
25°	0	0	0	0	2	4	4	7	14	23	36
22.5°	0	0	0	0	3	4	4	8	16	27	43
20°	0	0	0	0	3	4	4	10	19	32	49
17.5°	0	0	0	0	3	4	4	11	21	36	55
15°	0	0	0	0	3	4	4	13	23	40	61
12.5°	0	0	0	0	3	4	5	15	25	44	65
10°	0	0	0	0	4	4	5	17	27	48	70
7.5°	0	0	0	0	4	4	6	19	29	52	74
5°	0	0	0	0	4	4	7	20	31	56	78
2.5°	0	0	0	0	4	4	7	22	33	59	81
0°	0	0	0	0	4	4	8	23	34	61	84
-2.5°	0	0	0	0	4	4	9	24	38	63	87
-5°	0	0	0	0	4	5	11	24	41	65	89
-7.5°	0	0	0	1	4	5	12	24	43	67	90
-10°	0	0	0	1	4	5	13	24	45	68	91
-12.5°	0	0	0	1	4	6	14	24	47	69	93
-15°	0	0	0	1	4	6	15	25	47	70	95
-17.5°	0	0	0	1	4	6	15	25	47	70	96
-20°	0	0	0	2	4	6	15	27	46	70	96

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CATALOG NUMBER: GFLD-SA4B-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	6	16	28	45	69	94
-25°	0	0	0	2	4	7	16	28	44	68	92
-27.5°	0	0	0	2	4	7	16	29	42	66	90
-30°	0	0	0	2	4	7	16	29	42	63	87
-32.5°	0	0	0	2	4	8	16	28	42	61	84
-35°	0	0	0	1	5	8	16	28	41	59	79
-37.5°	0	0	0	1	5	8	16	27	40	56	77
-40°	0	0	0	1	5	8	15	26	39	54	75
-42.5°	0	0	0	1	5	8	15	25	38	53	72
-45°	0	0	0	1	5	8	14	24	36	50	69
-47.5°	0	0	0	1	4	8	13	23	35	47	65
-50°	0	0	0	1	4	8	13	22	33	45	61
-52.5°	0	0	0	1	4	8	13	20	30	42	56
-55°	0	0	0	1	4	7	12	18	28	39	52
-57.5°	0	0	0	1	3	7	11	17	25	35	47
-60°	0	0	0	1	3	6	10	15	22	32	42
-62.5°	0	0	0	1	3	6	9	14	20	28	38
-65°	0	0	0	1	3	5	9	12	18	25	33
-67.5°	0	0	0	1	2	5	8	11	16	22	29
-70°	0	0	0	1	2	4	7	10	14	19	25
-72.5°	0	0	0	1	2	4	6	9	12	16	21
-75°	0	0	0	1	2	3	6	7	10	13	17
-77.5°	0	0	0	1	2	3	5	6	8	10	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



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CATALOG NUMBER: GFLD-SA4B-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	1
60°	0	0	1	1	1	2	2	3	4	4	8
57.5°	0	1	2	2	3	4	6	7	12	17	21
55°	1	2	3	3	6	9	12	19	26	34	40
52.5°	2	4	4	6	11	17	24	34	44	51	58
50°	4	4	5	12	19	28	40	52	61	68	79
47.5°	5	6	12	20	29	43	58	69	77	91	107
45°	7	11	19	29	42	60	74	84	99	115	131
42.5°	10	17	27	38	59	76	89	104	120	138	156
40°	15	23	37	54	75	91	108	124	141	162	181
37.5°	20	32	47	69	90	108	127	146	166	188	210
35°	24	41	59	82	104	126	147	168	193	218	243
32.5°	31	50	71	95	118	143	166	194	220	247	277
30°	39	59	81	107	132	158	188	218	244	275	307
27.5°	48	68	92	119	145	173	209	239	268	300	336
25°	56	77	103	130	158	191	229	260	290	326	368
22.5°	64	86	115	139	170	208	247	282	317	352	401
20°	71	96	126	153	183	225	266	305	345	390	445
17.5°	78	106	136	166	200	242	285	328	373	428	497
15°	85	114	147	179	216	259	303	351	403	467	546
12.5°	92	122	157	191	230	273	320	370	430	507	604
10°	97	129	166	202	242	287	334	386	451	534	648
7.5°	103	136	175	212	252	299	347	401	468	556	683
5°	108	143	182	219	260	308	357	412	482	574	711
2.5°	112	148	187	225	267	314	363	420	492	591	733
0°	115	153	191	230	272	318	368	425	498	605	747
-2.5°	119	158	196	235	277	322	372	429	504	609	750
-5°	121	162	199	238	281	324	374	431	508	610	752
-7.5°	123	165	202	241	284	327	376	434	509	609	751
-10°	125	167	204	243	286	329	376	433	507	602	739
-12.5°	127	167	205	244	287	329	375	429	500	590	715
-15°	129	167	205	243	286	329	372	422	488	576	684
-17.5°	129	167	204	241	284	327	367	416	478	559	663
-20°	129	166	202	238	280	323	364	411	468	540	633

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CATALOG NUMBER: GFLD-SA4B-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°	128	165	199	234	275	317	358	402	456	516	600
-25°	126	163	197	231	269	310	351	392	442	500	571
-27.5°	123	160	193	227	263	301	341	382	428	481	542
-30°	118	155	188	222	257	293	330	370	412	461	517
-32.5°	113	149	182	215	250	285	318	357	397	440	490
-35°	108	143	176	207	242	276	307	341	381	421	463
-37.5°	104	136	168	199	232	265	295	327	362	401	440
-40°	100	128	160	190	220	253	283	312	343	381	418
-42.5°	96	123	152	182	210	240	270	298	328	362	397
-45°	92	117	144	172	200	227	256	285	314	344	377
-47.5°	87	111	137	162	190	217	242	269	299	328	357
-50°	81	104	128	151	177	205	230	254	281	310	338
-52.5°	75	97	118	140	164	190	216	241	264	289	316
-55°	67	88	108	129	150	174	199	224	248	271	294
-57.5°	61	78	98	118	137	157	181	205	228	251	275
-60°	55	69	86	105	124	143	163	185	208	229	251
-62.5°	48	61	75	91	110	128	147	166	187	205	224
-65°	43	53	65	79	94	111	128	147	165	180	195
-67.5°	36	45	55	67	80	94	108	124	140	154	168
-70°	31	38	46	55	66	77	90	103	115	128	141
-72.5°	26	32	38	44	53	64	74	83	94	105	116
-75°	21	26	31	36	43	51	59	68	77	85	94
-77.5°	16	20	24	28	33	39	46	53	60	67	74
-80°	12	15	19	22	25	29	34	38	43	49	55
-82.5°	8	10	13	16	18	20	22	25	29	33	37
-85°	4	6	7	9	10	11	13	14	16	19	21
-87.5°	2	3	4	4	5	5	5	5	6	7	8
-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	1	1	1	0	0	0
62.5°	1	2	3	4	4	5	5	5	5	5	5
60°	10	10	14	18	17	13	19	22	21	18	18
57.5°	27	33	39	40	45	53	56	55	56	58	65
55°	47	52	56	64	72	79	85	88	93	98	104
52.5°	64	73	79	87	97	103	106	117	126	133	138
50°	91	100	110	121	131	140	148	158	171	184	192
47.5°	120	131	144	160	171	180	190	204	221	237	247
45°	146	160	176	191	203	216	231	249	266	282	294
42.5°	170	185	202	219	231	250	271	289	311	331	346
40°	197	212	237	255	270	290	321	348	373	398	413
37.5°	231	256	283	304	324	350	392	433	466	498	522
35°	270	300	334	357	388	435	487	544	601	647	688
32.5°	307	341	375	413	459	526	591	683	767	854	935
30°	341	379	420	468	544	636	743	883	1034	1185	1358
27.5°	376	418	468	544	658	784	982	1202	1515	1767	2174
25°	415	462	529	651	809	1031	1376	1768	2417	2970	3595
22.5°	462	534	629	782	1045	1445	1981	2836	3832	4756	5638
20°	519	617	780	1024	1401	2016	3033	4329	5714	7067	8376
17.5°	596	751	984	1331	1865	3159	4672	6524	8895	10676	12364
15°	665	861	1214	1775	2780	4446	6560	9396	12588	15272	18308
12.5°	747	985	1409	2137	3574	5775	8471	11853	15631	19705	24460
10°	819	1111	1657	2659	4402	6964	9984	13955	18807	24571	30582
7.5°	874	1216	1864	3051	5099	7939	11542	16371	22516	29253	36107
5°	917	1298	2027	3357	5693	8730	12679	18282	25287	33020	39836
2.5°	950	1355	2134	3546	6094	9271	13456	19298	26982	35479	42635
0°	976	1390	2194	3680	6280	9527	13816	19709	27777	36684	44043
-2.5°	985	1408	2197	3633	6167	9511	13732	19457	27229	36205	43745
-5°	989	1399	2142	3537	5966	9170	13182	18501	25555	33975	41615
-7.5°	982	1362	2029	3300	5515	8568	12414	17083	22865	30289	38185
-10°	955	1296	1877	2978	4893	7628	11219	15164	19782	25843	32242
-12.5°	907	1199	1667	2497	4162	6564	9744	13232	16831	20814	26077
-15°	850	1098	1496	2205	3485	5447	8022	10967	13955	17005	20216
-17.5°	807	1012	1320	1815	2676	4262	6321	8688	11112	13534	15696
-20°	751	908	1149	1534	2159	3098	4646	6488	8299	10274	11931

Classified

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

Scaled Data Report



REPORT NUMBER: P627324 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	702	835	1016	1258	1678	2339	3222	4519	5895	7329	8690
-25°	656	756	899	1094	1345	1738	2321	2999	3965	4847	5858
-27.5°	616	701	798	942	1132	1348	1705	2101	2607	3028	3703
-30°	579	646	726	819	958	1122	1314	1554	1802	2050	2374
-32.5°	543	600	663	738	824	947	1066	1220	1356	1505	1659
-35°	509	559	611	670	736	817	907	1009	1099	1189	1270
-37.5°	479	521	566	613	666	722	793	865	925	984	1034
-40°	454	489	526	565	608	653	708	761	802	840	872
-42.5°	431	462	491	524	559	601	644	684	712	739	759
-45°	409	435	462	489	519	555	591	623	645	665	680
-47.5°	385	410	434	459	487	516	545	569	588	605	616
-50°	363	386	408	429	454	480	505	525	542	557	565
-52.5°	340	363	385	406	427	447	467	486	503	519	524
-55°	319	341	361	381	400	420	437	454	470	484	489
-57.5°	297	320	341	357	374	391	408	425	440	453	458
-60°	273	296	314	330	346	362	377	392	407	420	426
-62.5°	244	265	282	297	312	326	339	353	366	377	383
-65°	210	228	244	259	273	285	298	310	321	330	335
-67.5°	181	194	208	221	235	247	258	269	279	286	291
-70°	152	164	176	189	201	212	222	231	240	246	251
-72.5°	126	137	148	159	170	179	187	196	204	209	214
-75°	103	112	121	130	139	147	154	161	167	172	176
-77.5°	82	88	95	102	109	115	121	126	132	135	139
-80°	60	66	71	76	81	86	90	94	98	102	105
-82.5°	41	45	49	53	57	60	62	64	66	69	71
-85°	24	26	29	31	34	36	37	39	40	42	43
-87.5°	9	10	12	13	14	14	14	15	15	16	17
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627324 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-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°	5	4	4	4	4	4	5	5	5	5	5
60°	17	15	15	15	15	15	17	18	18	21	22
57.5°	71	76	79	80	79	76	71	65	58	56	55
55°	109	112	113	111	113	112	109	104	98	93	88
52.5°	140	141	140	138	140	141	140	138	133	126	117
50°	195	194	194	195	194	194	195	192	184	171	158
47.5°	251	253	254	253	254	253	251	247	237	221	204
45°	299	303	304	303	304	303	299	294	282	266	249
42.5°	351	354	355	356	355	354	351	346	331	311	289
40°	420	423	422	421	422	423	420	413	398	373	348
37.5°	537	545	549	559	549	545	537	522	498	466	433
35°	719	739	750	766	750	739	719	688	647	601	544
32.5°	994	1034	1055	1076	1055	1034	994	935	854	767	683
30°	1477	1556	1588	1647	1588	1556	1477	1358	1185	1034	883
27.5°	2472	2659	2733	2887	2733	2659	2472	2174	1767	1515	1202
25°	4164	4568	4790	4967	4790	4568	4164	3595	2970	2417	1768
22.5°	6528	7120	7436	7670	7436	7120	6528	5638	4756	3832	2836
20°	9562	10343	10809	11147	10809	10343	9562	8376	7067	5714	4329
17.5°	14532	15759	16477	17094	16477	15759	14532	12364	10676	8895	6524
15°	21695	24161	26078	27145	26078	24161	21695	18308	15272	12588	9396
12.5°	28663	32275	34421	35409	34421	32275	28663	24460	19705	15631	11853
10°	35555	38961	41002	41363	41002	38961	35555	30582	24571	18807	13955
7.5°	40830	44576	47289	48275	47289	44576	40830	36107	29253	22516	16371
5°	45490	49876	52747	53111	52747	49876	45490	39836	33020	25287	18282
2.5°	48918	53686	56470	57426	56470	53686	48918	42635	35479	26982	19298
0°	50576	55711	58809	60203	58809	55711	50576	44043	36684	27777	19709
-2.5°	50227	55538	58996	60815	58996	55538	50227	43745	36205	27229	19457
-5°	48317	53644	56868	58801	56868	53644	48317	41615	33975	25555	18501
-7.5°	43913	48895	52327	54110	52327	48895	43913	38185	30289	22865	17083
-10°	38239	42454	45583	47103	45583	42454	38239	32242	25843	19782	15164
-12.5°	30864	34954	37776	38851	37776	34954	30864	26077	20814	16831	13232
-15°	23648	26769	28774	29408	28774	26769	23648	20216	17005	13955	10967
-17.5°	17933	19614	20741	21045	20741	19614	17933	15696	13534	11112	8688
-20°	13435	14477	15209	15382	15209	14477	13435	11931	10274	8299	6488

Classified

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

Scaled Data Report



REPORT NUMBER: P627324 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	9789	10572	11163	11281	11163	10572	9789	8690	7329	5895	4519
-25°	6753	7407	7808	7838	7808	7407	6753	5858	4847	3965	2999
-27.5°	4233	4593	4779	4844	4779	4593	4233	3703	3028	2607	2101
-30°	2616	2782	2869	2872	2869	2782	2616	2374	2050	1802	1554
-32.5°	1776	1856	1900	1899	1900	1856	1776	1659	1505	1356	1220
-35°	1330	1372	1395	1398	1395	1372	1330	1270	1189	1099	1009
-37.5°	1070	1093	1105	1107	1105	1093	1070	1034	984	925	865
-40°	895	910	920	927	920	910	895	872	840	802	761
-42.5°	774	784	788	785	788	784	774	759	739	712	684
-45°	689	695	699	701	699	695	689	680	665	645	623
-47.5°	622	625	627	628	627	625	622	616	605	588	569
-50°	569	572	572	571	572	572	569	565	557	542	525
-52.5°	526	527	528	528	528	527	526	524	519	503	486
-55°	491	493	494	494	494	493	491	489	484	470	454
-57.5°	462	465	465	463	465	465	462	458	453	440	425
-60°	430	434	436	437	436	434	430	426	420	407	392
-62.5°	388	392	394	394	394	392	388	383	377	366	353
-65°	339	343	348	352	348	343	339	335	330	321	310
-67.5°	294	297	302	306	302	297	294	291	286	279	269
-70°	255	259	260	260	260	259	255	251	246	240	231
-72.5°	218	221	222	222	222	221	218	214	209	204	196
-75°	180	183	184	184	184	183	180	176	172	167	161
-77.5°	142	145	145	146	145	145	142	139	135	132	126
-80°	108	110	109	107	109	110	108	105	102	98	94
-82.5°	74	76	75	73	75	76	74	71	69	66	64
-85°	45	46	44	42	44	46	45	43	42	40	39
-87.5°	18	19	17	15	17	19	18	17	16	15	15
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627324 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-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°	5	5	4	4	3	2	1	1	1	0	1
60°	19	13	17	18	14	10	10	8	4	4	3
57.5°	56	53	45	40	39	33	27	21	17	12	7
55°	85	79	72	64	56	52	47	40	34	26	19
52.5°	106	103	97	87	79	73	64	58	51	44	34
50°	148	140	131	121	110	100	91	79	68	61	52
47.5°	190	180	171	160	144	131	120	107	91	77	69
45°	231	216	203	191	176	160	146	131	115	99	84
42.5°	271	250	231	219	202	185	170	156	138	120	104
40°	321	290	270	255	237	212	197	181	162	141	124
37.5°	392	350	324	304	283	256	231	210	188	166	146
35°	487	435	388	357	334	300	270	243	218	193	168
32.5°	591	526	459	413	375	341	307	277	247	220	194
30°	743	636	544	468	420	379	341	307	275	244	218
27.5°	982	784	658	544	468	418	376	336	300	268	239
25°	1376	1031	809	651	529	462	415	368	326	290	260
22.5°	1981	1445	1045	782	629	534	462	401	352	317	282
20°	3033	2016	1401	1024	780	617	519	445	390	345	305
17.5°	4672	3159	1865	1331	984	751	596	497	428	373	328
15°	6560	4446	2780	1775	1214	861	665	546	467	403	351
12.5°	8471	5775	3574	2137	1409	985	747	604	507	430	370
10°	9984	6964	4402	2659	1657	1111	819	648	534	451	386
7.5°	11542	7939	5099	3051	1864	1216	874	683	556	468	401
5°	12679	8730	5693	3357	2027	1298	917	711	574	482	412
2.5°	13456	9271	6094	3546	2134	1355	950	733	591	492	420
0°	13816	9527	6280	3680	2194	1390	976	747	605	498	425
-2.5°	13732	9511	6167	3633	2197	1408	985	750	609	504	429
-5°	13182	9170	5966	3537	2142	1399	989	752	610	508	431
-7.5°	12414	8568	5515	3300	2029	1362	982	751	609	509	434
-10°	11219	7628	4893	2978	1877	1296	955	739	602	507	433
-12.5°	9744	6564	4162	2497	1667	1199	907	715	590	500	429
-15°	8022	5447	3485	2205	1496	1098	850	684	576	488	422
-17.5°	6321	4262	2676	1815	1320	1012	807	663	559	478	416
-20°	4646	3098	2159	1534	1149	908	751	633	540	468	411

Classified

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

Scaled Data Report



REPORT NUMBER: P627324 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	3222	2339	1678	1258	1016	835	702	600	516	456	402
-25°	2321	1738	1345	1094	899	756	656	571	500	442	392
-27.5°	1705	1348	1132	942	798	701	616	542	481	428	382
-30°	1314	1122	958	819	726	646	579	517	461	412	370
-32.5°	1066	947	824	738	663	600	543	490	440	397	357
-35°	907	817	736	670	611	559	509	463	421	381	341
-37.5°	793	722	666	613	566	521	479	440	401	362	327
-40°	708	653	608	565	526	489	454	418	381	343	312
-42.5°	644	601	559	524	491	462	431	397	362	328	298
-45°	591	555	519	489	462	435	409	377	344	314	285
-47.5°	545	516	487	459	434	410	385	357	328	299	269
-50°	505	480	454	429	408	386	363	338	310	281	254
-52.5°	467	447	427	406	385	363	340	316	289	264	241
-55°	437	420	400	381	361	341	319	294	271	248	224
-57.5°	408	391	374	357	341	320	297	275	251	228	205
-60°	377	362	346	330	314	296	273	251	229	208	185
-62.5°	339	326	312	297	282	265	244	224	205	187	166
-65°	298	285	273	259	244	228	210	195	180	165	147
-67.5°	258	247	235	221	208	194	181	168	154	140	124
-70°	222	212	201	189	176	164	152	141	128	115	103
-72.5°	187	179	170	159	148	137	126	116	105	94	83
-75°	154	147	139	130	121	112	103	94	85	77	68
-77.5°	121	115	109	102	95	88	82	74	67	60	53
-80°	90	86	81	76	71	66	60	55	49	43	38
-82.5°	62	60	57	53	49	45	41	37	33	29	25
-85°	37	36	34	31	29	26	24	21	19	16	14
-87.5°	14	14	14	13	12	10	9	8	7	6	5
-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: P627324 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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	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	6	3	3	2	1	2	2	2	0
52.5°	24	17	11	6	4	4	2	2	3	3	1
50°	40	28	19	12	5	4	4	3	3	4	2
47.5°	58	43	29	20	12	6	5	3	3	4	3
45°	74	60	42	29	19	11	7	4	3	4	4
42.5°	89	76	59	38	27	17	10	6	4	4	4
40°	108	91	75	54	37	23	15	9	4	4	4
37.5°	127	108	90	69	47	32	20	13	6	5	4
35°	147	126	104	82	59	41	24	17	9	6	4
32.5°	166	143	118	95	71	50	31	21	13	7	4
30°	188	158	132	107	81	59	39	25	16	9	4
27.5°	209	173	145	119	92	68	48	30	19	11	5
25°	229	191	158	130	103	77	56	36	23	14	7
22.5°	247	208	170	139	115	86	64	43	27	16	8
20°	266	225	183	153	126	96	71	49	32	19	10
17.5°	285	242	200	166	136	106	78	55	36	21	11
15°	303	259	216	179	147	114	85	61	40	23	13
12.5°	320	273	230	191	157	122	92	65	44	25	15
10°	334	287	242	202	166	129	97	70	48	27	17
7.5°	347	299	252	212	175	136	103	74	52	29	19
5°	357	308	260	219	182	143	108	78	56	31	20
2.5°	363	314	267	225	187	148	112	81	59	33	22
0°	368	318	272	230	191	153	115	84	61	34	23
-2.5°	372	322	277	235	196	158	119	87	63	38	24
-5°	374	324	281	238	199	162	121	89	65	41	24
-7.5°	376	327	284	241	202	165	123	90	67	43	24
-10°	376	329	286	243	204	167	125	91	68	45	24
-12.5°	375	329	287	244	205	167	127	93	69	47	24
-15°	372	329	286	243	205	167	129	95	70	47	25
-17.5°	367	327	284	241	204	167	129	96	70	47	25
-20°	364	323	280	238	202	166	129	96	70	46	27

Classified

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

Scaled Data Report



REPORT NUMBER: P627324 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	358	317	275	234	199	165	128	94	69	45	28
-25°	351	310	269	231	197	163	126	92	68	44	28
-27.5°	341	301	263	227	193	160	123	90	66	42	29
-30°	330	293	257	222	188	155	118	87	63	42	29
-32.5°	318	285	250	215	182	149	113	84	61	42	28
-35°	307	276	242	207	176	143	108	79	59	41	28
-37.5°	295	265	232	199	168	136	104	77	56	40	27
-40°	283	253	220	190	160	128	100	75	54	39	26
-42.5°	270	240	210	182	152	123	96	72	53	38	25
-45°	256	227	200	172	144	117	92	69	50	36	24
-47.5°	242	217	190	162	137	111	87	65	47	35	23
-50°	230	205	177	151	128	104	81	61	45	33	22
-52.5°	216	190	164	140	118	97	75	56	42	30	20
-55°	199	174	150	129	108	88	67	52	39	28	18
-57.5°	181	157	137	118	98	78	61	47	35	25	17
-60°	163	143	124	105	86	69	55	42	32	22	15
-62.5°	147	128	110	91	75	61	48	38	28	20	14
-65°	128	111	94	79	65	53	43	33	25	18	12
-67.5°	108	94	80	67	55	45	36	29	22	16	11
-70°	90	77	66	55	46	38	31	25	19	14	10
-72.5°	74	64	53	44	38	32	26	21	16	12	9
-75°	59	51	43	36	31	26	21	17	13	10	7
-77.5°	46	39	33	28	24	20	16	12	10	8	6
-80°	34	29	25	22	19	15	12	9	7	6	5
-82.5°	22	20	18	16	13	10	8	6	5	4	3
-85°	13	11	10	9	7	6	4	3	3	3	2
-87.5°	5	5	5	4	4	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: P627324 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	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°	2	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	4	0	0	0	0
7.5°	6	4	4	0	0	0	0
5°	7	4	4	0	0	0	0
2.5°	7	4	4	0	0	0	0
0°	8	4	4	0	0	0	0
-2.5°	9	4	4	0	0	0	0
-5°	11	5	4	0	0	0	0
-7.5°	12	5	4	1	0	0	0
-10°	13	5	4	1	0	0	0
-12.5°	14	6	4	1	0	0	0
-15°	15	6	4	1	0	0	0
-17.5°	15	6	4	1	0	0	0
-20°	15	6	4	2	0	0	0

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REPORT NUMBER: P627324 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	16	6	4	2	0	0	0
-25°	16	7	4	2	0	0	0
-27.5°	16	7	4	2	0	0	0
-30°	16	7	4	2	0	0	0
-32.5°	16	8	4	2	0	0	0
-35°	16	8	5	1	0	0	0
-37.5°	16	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	1	0	0	0
-50°	13	8	4	1	0	0	0
-52.5°	13	8	4	1	0	0	0
-55°	12	7	4	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°	9	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°	6	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)