

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: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-730-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627086 (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-SA3B-730-U-MWR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (48) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11897.1 lumens  
Efficiency: N/A  
Efficacy: 127.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 16667.7 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 7968.7 lumens  
Beam Efficiency: 67.0%

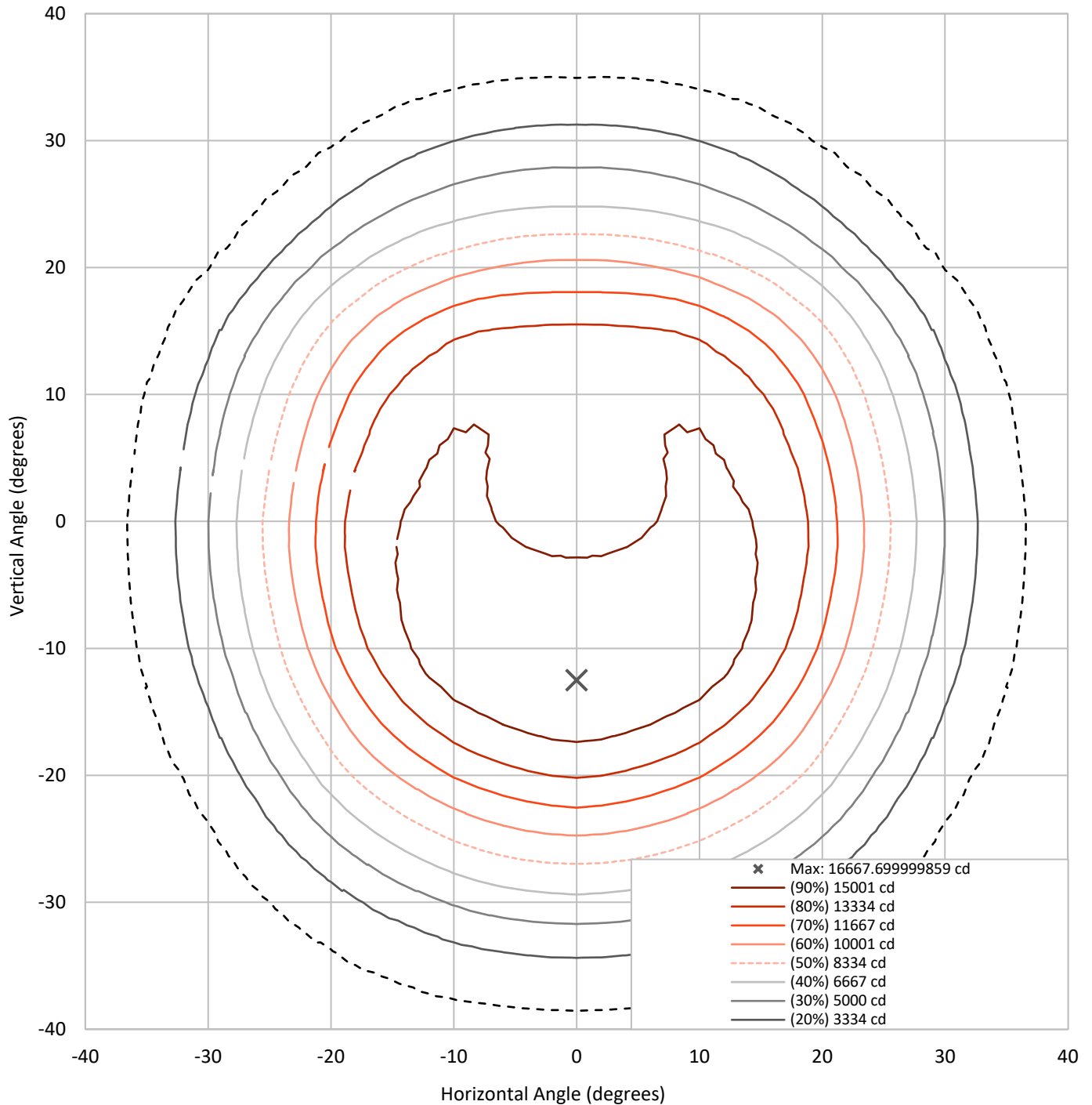
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 10723.4 lumens  
Field Efficiency: 90.1%

Input Watts (W): 93.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3B-730-U-MWR-VSR-XX

### Iso-Candela Plot





REPORT NUMBER: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)

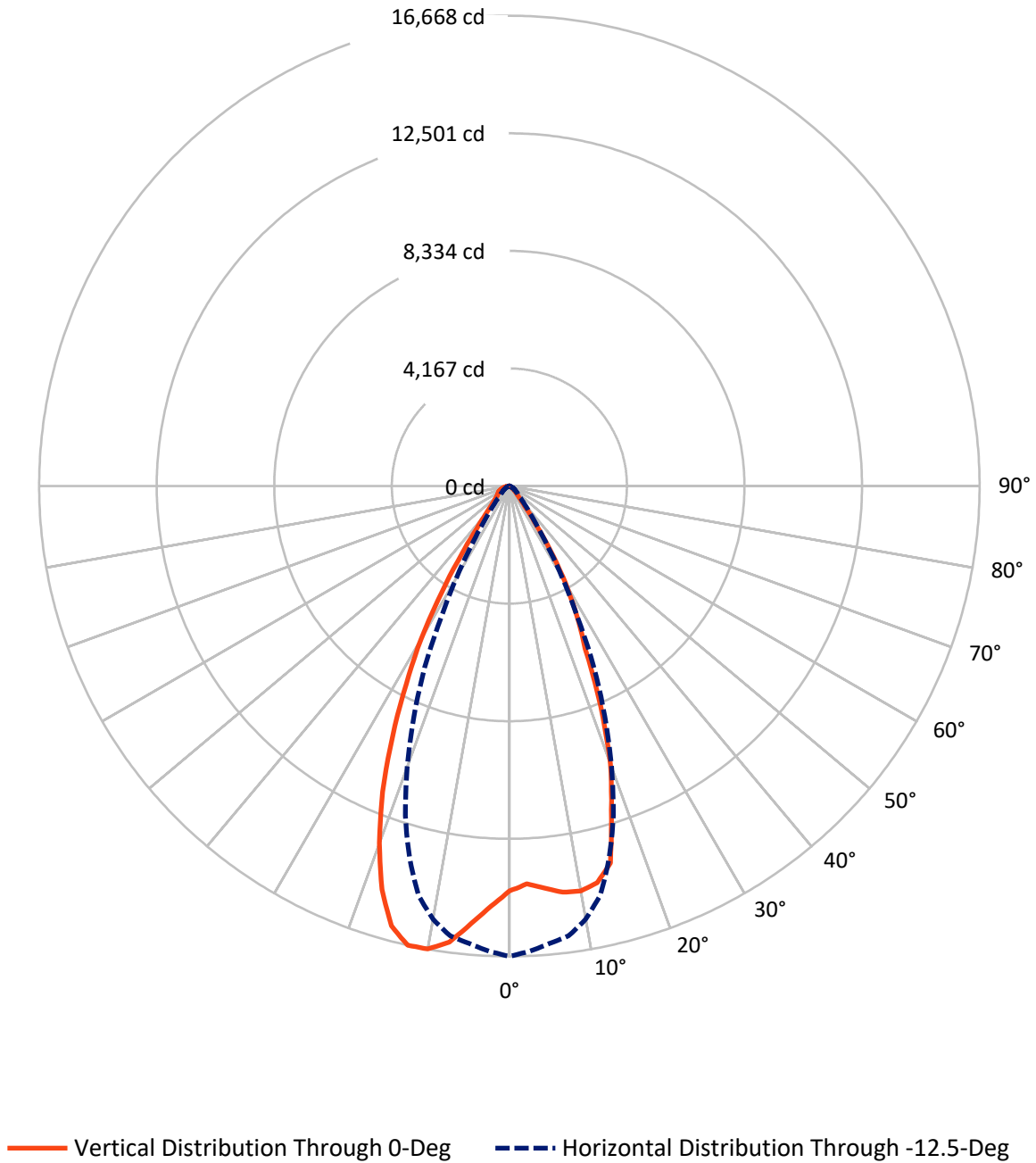
CATALOG NUMBER: GFLD-SA3B-730-U-MWR-VSR-XX

### Lumen Table

90																								
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0									
70																								
60	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0									
50		0.0	0.1	0.4	1.0	1.6	2.3	2.6	2.6	2.3	1.6	1.0	0.4	0.1		0.0								
40	0.1	0.1	0.5	1.7	3.3	5.5	8.2	10.0	10.0	8.2	5.5	3.3	1.7	0.5	0.1									
30		0.2	1.3	3.4	7.1	15.4	35.1	53.6	53.6	35.1	15.4	7.1	3.4	1.3	0.2									
20	0.1	0.5	2.2	5.6	14.9	55.3	142.4	199.1	199.1	142.4	55.3	14.9	5.6	2.2	0.5									
10		0.8	3.1	8.6	35.5	153.6	320.4	396.7	396.7	320.4	153.6	35.5	8.6	3.1	0.8									
0	0.2	1.0	3.8	11.1	56.6	226.2	413.1	447.8	447.8	413.1	226.2	56.6	11.1	3.8	1.0									
-10		1.2	4.2	11.9	59.2	233.6	428.0	475.3	475.3	428.0	233.6	59.2	11.9	4.2	1.2									
-20	0.3	1.3	4.3	10.8	42.3	173.9	361.0	461.0	461.0	361.0	173.9	42.3	10.8	4.3	1.3									
-30		1.3	4.1	9.0	23.7	84.4	201.2	283.1	283.1	201.2	84.4	23.7	9.0	4.1	1.3									
-40	0.3	1.1	3.7	7.4	14.1	30.0	62.9	93.3	93.3	62.9	30.0	14.1	7.4	3.7	1.1									
-50		0.9	3.1	6.2	10.3	15.2	21.4	25.4	25.4	21.4	15.2	10.3	6.2	3.1	0.9									
-60	0.2	0.7	2.3	4.9	8.1	11.2	14.0	15.3	15.3	14.0	11.2	8.1	4.9	2.3	0.7									
-70		0.5	1.5	3.3	5.7	8.0	10.2	11.4	11.4	10.2	8.0	5.7	3.3	1.5	0.5									
-80	0.1	1.3	6.0	12.8	16.4	12.8	6.0	1.3	0.1															
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90					

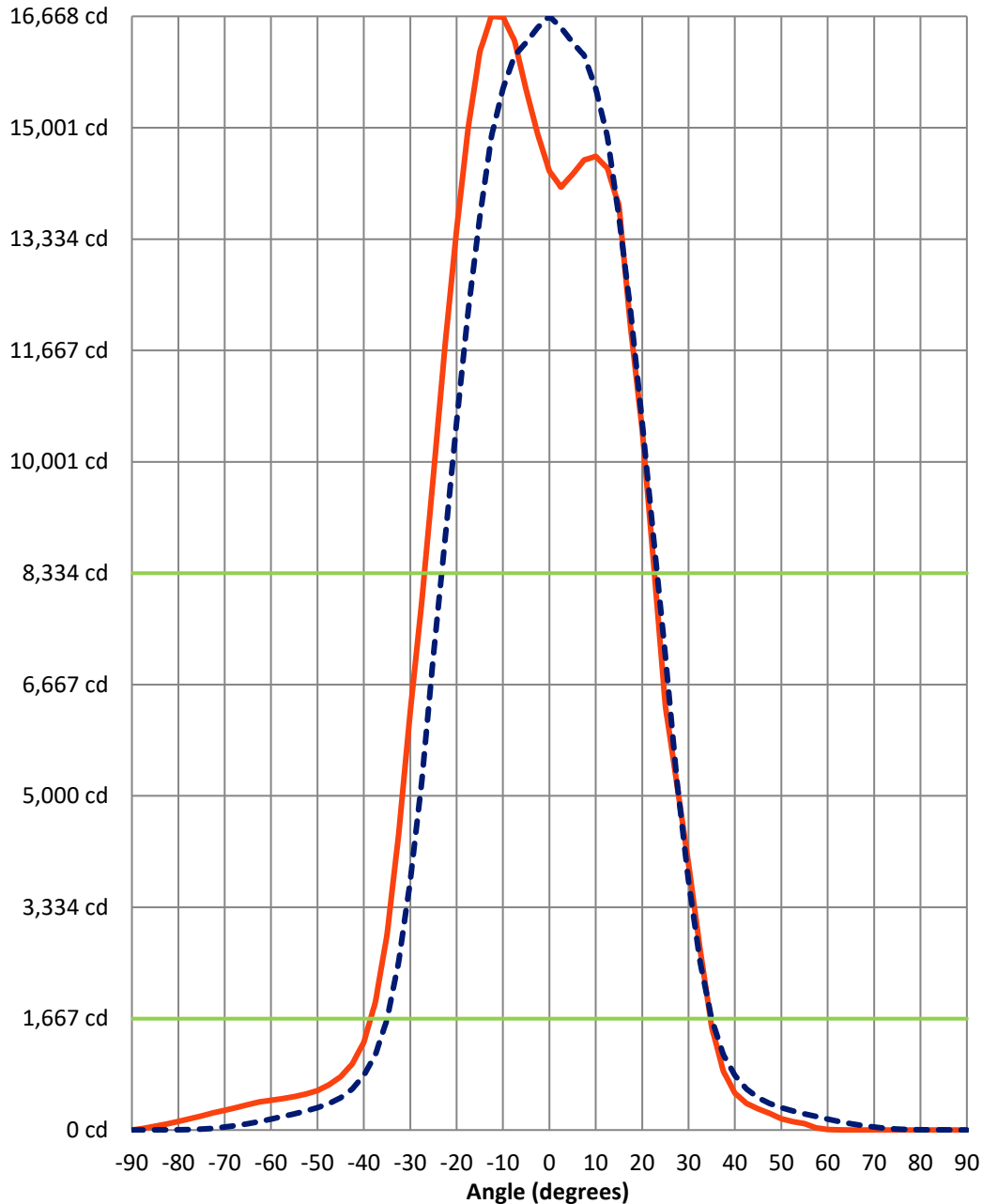
REPORT NUMBER: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3B-730-U-MWR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-730-U-MWR-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 7968.7  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 10723.4  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 1173.7  
 Efficiency: 9.9%

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

Classified

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

Scaled Data Report



REPORT NUMBER: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-U-MWR-VSR-XX

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	1	1	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	0	0
65°	0	0	0	1	1	1	0	0	1	1	1
62.5°	0	0	0	1	1	1	0	0	1	1	2
60°	0	0	0	1	2	1	1	1	2	2	2
57.5°	0	0	0	1	2	1	1	2	2	2	3
55°	0	0	0	2	2	1	2	3	2	3	3
52.5°	0	0	1	2	2	1	2	3	3	3	3
50°	0	0	1	2	2	2	2	3	3	3	3
47.5°	0	0	1	3	2	2	3	3	3	3	4
45°	0	0	1	3	2	2	3	3	3	3	5
42.5°	0	0	1	3	2	2	3	4	3	4	6
40°	0	0	1	3	2	3	4	4	3	5	7
37.5°	0	0	2	3	2	3	4	4	4	6	8
35°	0	0	2	3	3	3	4	4	5	8	10
32.5°	0	0	2	3	3	3	5	4	7	10	16
30°	0	0	2	3	3	3	5	5	8	12	22
27.5°	0	0	2	3	3	4	5	5	9	15	27
25°	0	0	2	3	3	4	5	6	11	18	32
22.5°	0	0	2	3	3	4	5	7	13	23	37
20°	0	0	2	3	3	5	5	8	15	26	43
17.5°	0	0	2	3	3	5	6	9	18	29	49
15°	0	0	3	3	3	5	6	10	20	32	55
12.5°	0	0	3	3	3	5	6	12	23	35	61
10°	0	0	3	3	3	5	7	14	25	39	67
7.5°	0	0	3	3	3	5	7	16	26	44	71
5°	0	0	3	3	3	5	7	18	28	49	74
2.5°	0	0	3	3	3	5	8	20	29	53	77
0°	0	0	3	3	3	6	8	22	30	57	79
-2.5°	0	0	3	3	3	6	10	23	34	60	84
-5°	0	0	3	3	3	6	11	23	38	62	87
-7.5°	0	0	3	3	3	6	12	24	41	64	90
-10°	0	0	3	3	4	6	13	24	43	66	93
-12.5°	0	0	3	3	4	7	14	25	45	67	94
-15°	0	0	3	3	4	7	15	25	46	68	95
-17.5°	0	0	3	3	4	7	15	26	46	68	95
-20°	0	0	2	3	4	7	16	27	45	68	94

Classified

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

Scaled Data Report



REPORT NUMBER: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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	0	2	3	4	7	16	27	44	67	92
-25°	0	1	2	3	4	7	16	28	43	65	88
-27.5°	0	1	2	3	4	8	15	28	42	63	86
-30°	0	1	2	3	4	8	15	27	42	62	84
-32.5°	0	1	2	3	4	9	15	27	41	60	80
-35°	0	1	2	3	4	9	15	26	40	58	76
-37.5°	0	1	2	3	4	9	15	25	38	56	75
-40°	0	1	2	3	4	9	15	24	36	54	74
-42.5°	0	1	2	3	5	9	15	23	34	51	71
-45°	0	1	2	3	5	9	15	22	33	48	68
-47.5°	0	1	2	3	5	9	14	21	31	44	64
-50°	0	1	2	3	5	9	14	21	30	42	59
-52.5°	0	1	2	3	5	8	13	19	28	40	54
-55°	0	1	2	3	5	8	13	18	27	37	51
-57.5°	0	1	2	3	5	8	12	17	25	35	47
-60°	0	1	2	3	5	7	11	17	23	33	43
-62.5°	0	1	2	3	5	7	11	16	22	30	40
-65°	0	1	2	3	5	7	10	14	20	27	36
-67.5°	0	0	2	3	4	6	9	13	18	24	32
-70°	0	0	2	3	4	6	8	11	16	21	27
-72.5°	0	0	2	3	4	6	7	10	13	18	23
-75°	0	0	1	3	4	5	7	9	11	14	19
-77.5°	0	0	1	2	3	5	6	8	10	12	14
-80°	0	0	1	2	3	4	6	7	8	10	12
-82.5°	0	0	1	1	2	3	4	6	7	8	10
-85°	0	0	0	1	1	2	3	4	5	6	7
-87.5°	0	0	0	0	1	1	1	2	2	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: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	1	2	1	1	0	1	1	1	0	0	0
62.5°	2	2	1	1	2	2	2	1	0	1	1
60°	3	2	2	2	3	2	2	2	2	3	6
57.5°	3	3	2	3	3	3	3	4	10	16	18
55°	3	3	3	4	4	5	7	15	23	28	30
52.5°	3	3	4	5	6	10	19	28	35	41	48
50°	4	4	6	8	12	21	32	42	51	60	70
47.5°	5	6	8	12	22	34	47	59	71	83	98
45°	6	9	12	21	34	49	65	79	90	104	118
42.5°	7	13	20	30	48	66	84	95	108	124	141
40°	11	19	29	44	63	85	100	113	126	148	170
37.5°	17	26	38	58	81	102	117	132	152	177	203
35°	23	33	51	73	99	118	135	154	181	210	240
32.5°	29	40	63	89	113	133	152	180	209	241	282
30°	35	51	75	103	126	147	174	205	234	273	321
27.5°	42	61	88	115	138	161	196	226	259	303	362
25°	49	72	100	126	150	178	217	249	283	339	418
22.5°	57	83	111	136	161	197	239	279	322	378	476
20°	66	93	121	148	172	215	261	310	370	448	576
17.5°	74	102	131	160	190	234	286	344	418	515	703
15°	82	110	141	172	207	254	311	382	471	592	826
12.5°	89	117	151	184	223	272	332	410	515	689	983
10°	95	124	159	196	236	287	351	434	551	759	1101
7.5°	100	131	168	207	248	301	368	453	583	814	1192
5°	105	139	175	215	257	312	381	468	610	854	1263
2.5°	109	146	181	221	263	321	391	482	636	887	1323
0°	112	153	186	227	268	328	399	492	656	910	1369
-2.5°	116	156	192	231	275	333	403	499	662	913	1360
-5°	119	159	198	234	281	335	403	502	662	906	1332
-7.5°	122	160	202	237	285	337	404	500	655	891	1286
-10°	124	162	203	240	286	337	402	494	639	862	1218
-12.5°	126	164	203	241	285	335	397	483	615	818	1130
-15°	128	165	203	241	284	331	388	468	582	759	1021
-17.5°	129	165	202	239	282	326	377	449	552	707	943
-20°	129	164	201	235	278	320	369	435	527	658	848

Classified

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

Scaled Data Report



REPORT NUMBER: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	127	163	199	232	273	314	360	418	495	602	755
-25°	125	161	197	230	267	308	348	399	466	561	689
-27.5°	121	158	193	226	260	300	338	384	443	516	618
-30°	115	153	187	221	255	292	328	367	419	482	564
-32.5°	109	148	182	215	248	283	318	354	398	451	515
-35°	104	142	176	207	240	274	307	340	377	424	479
-37.5°	102	135	169	199	230	263	295	327	360	398	447
-40°	99	128	162	192	220	252	283	313	344	381	419
-42.5°	94	123	154	184	211	241	270	299	330	365	400
-45°	91	117	147	175	202	230	258	285	316	348	381
-47.5°	85	111	139	164	191	218	246	273	299	329	362
-50°	79	103	129	153	177	204	231	259	285	310	339
-52.5°	73	94	119	142	164	187	215	243	269	294	319
-55°	66	86	108	131	153	173	197	225	251	276	302
-57.5°	60	77	97	119	141	162	184	208	233	257	282
-60°	56	69	86	107	128	149	170	193	216	239	261
-62.5°	50	62	76	93	113	134	154	175	197	217	236
-65°	46	55	67	81	97	116	135	155	175	192	209
-67.5°	40	49	58	69	83	98	114	132	150	167	184
-70°	35	42	50	59	69	82	97	111	126	141	157
-72.5°	29	36	43	50	59	70	81	93	105	119	132
-75°	24	29	35	41	49	57	67	77	87	97	108
-77.5°	19	23	28	33	39	45	53	61	69	77	86
-80°	14	17	21	25	30	35	40	45	51	58	65
-82.5°	11	14	16	19	22	25	28	32	37	42	47
-85°	8	10	11	12	14	16	18	20	23	26	30
-87.5°	4	5	5	6	7	8	9	10	11	13	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-730-U-MWR-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	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	1	2	2	2	2
60°	7	5	7	9	9	7	10	11	10	8	9
57.5°	19	21	24	28	31	32	35	38	40	41	42
55°	35	42	49	53	59	68	76	76	78	80	84
52.5°	56	64	68	75	86	94	97	104	110	117	123
50°	82	89	97	107	118	126	128	139	153	164	171
47.5°	107	116	131	150	159	168	179	193	208	225	237
45°	131	148	167	183	196	210	225	243	267	289	306
42.5°	158	177	196	215	229	253	279	300	335	364	383
40°	190	208	236	259	288	318	364	407	450	499	536
37.5°	228	256	295	333	376	419	502	586	655	752	806
35°	273	318	373	429	497	603	723	886	1056	1197	1333
32.5°	326	383	459	559	674	844	1025	1325	1617	1909	2196
30°	378	460	576	715	903	1172	1513	1976	2479	2919	3317
27.5°	447	564	715	921	1242	1636	2265	2909	3549	4120	4531
25°	530	687	901	1242	1705	2358	3202	3992	4743	5303	5775
22.5°	651	886	1189	1624	2465	3373	4382	5376	6220	6925	7391
20°	800	1118	1625	2413	3402	4538	5837	6882	7921	8715	9425
17.5°	1011	1518	2233	3235	4416	5931	7269	8434	9754	10565	11289
15°	1201	1853	2872	4150	5535	7140	8718	10145	11418	12310	13119
12.5°	1441	2208	3381	4883	6398	8184	9825	11354	12601	13519	14084
10°	1657	2573	3888	5460	7155	9022	10722	12313	13521	14230	14647
7.5°	1830	2876	4300	5953	7743	9622	11418	12997	14153	14746	15031
5°	1965	3100	4622	6358	8217	10139	11972	13518	14491	14982	15141
2.5°	2066	3257	4838	6624	8537	10521	12393	13916	14746	15101	15153
0°	2134	3367	4979	6791	8811	10658	12620	14167	14957	15241	15268
-2.5°	2118	3327	4973	6731	8779	10720	12657	14183	15028	15410	15472
-5°	2075	3233	4808	6558	8530	10473	12320	13932	14969	15546	15802
-7.5°	1992	3072	4526	6229	8125	10070	11954	13626	14820	15631	16131
-10°	1850	2835	4165	5813	7681	9535	11397	13133	14418	15395	16091
-12.5°	1657	2515	3725	5223	7101	8832	10595	12258	13661	14866	15585
-15°	1457	2181	3268	4639	6274	7978	9607	11239	12624	13750	14648
-17.5°	1315	1888	2739	3938	5374	6991	8580	10079	11329	12388	13329
-20°	1135	1561	2235	3243	4507	5920	7443	8777	9893	10886	11785

Classified

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

Scaled Data Report



REPORT NUMBER: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	992	1337	1823	2511	3647	4893	6139	7367	8416	9300	10068
-25°	862	1104	1484	2044	2782	3859	4908	5945	6914	7736	8427
-27.5°	760	952	1206	1604	2164	2793	3712	4579	5412	6163	6815
-30°	667	811	1010	1259	1640	2106	2659	3308	3972	4565	5157
-32.5°	600	703	839	1024	1238	1572	1906	2342	2763	3195	3620
-35°	541	623	716	839	986	1181	1401	1668	1892	2176	2437
-37.5°	499	558	628	706	811	920	1069	1231	1370	1528	1661
-40°	465	511	559	612	684	757	853	944	1033	1129	1201
-42.5°	437	474	508	549	591	650	715	772	825	882	929
-45°	414	442	470	501	534	576	622	664	699	731	756
-47.5°	390	415	439	464	491	522	552	580	609	633	651
-50°	366	391	413	434	458	482	506	528	549	567	578
-52.5°	343	368	390	410	430	450	470	489	507	523	531
-55°	326	349	371	389	406	423	440	458	475	491	496
-57.5°	307	330	351	368	383	398	415	432	448	463	467
-60°	284	309	328	343	359	376	391	406	421	434	439
-62.5°	258	280	297	312	327	340	357	373	389	402	409
-65°	227	246	262	277	291	304	320	335	349	360	368
-67.5°	199	214	228	241	255	268	283	297	310	320	326
-70°	172	186	199	211	223	235	247	259	270	278	285
-72.5°	145	157	168	179	190	201	211	221	231	238	245
-75°	120	130	140	149	158	167	175	182	190	196	202
-77.5°	94	103	111	119	127	134	140	146	151	157	162
-80°	72	78	84	90	96	101	106	111	115	119	123
-82.5°	52	56	60	64	68	71	75	78	81	84	87
-85°	33	35	37	40	42	44	46	48	50	52	54
-87.5°	16	17	18	19	20	21	22	23	24	25	26
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-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°	2	3	3	3	3	3	2	2	2	2	2
60°	8	8	8	8	8	8	8	9	8	10	11
57.5°	41	38	36	33	36	38	41	42	41	40	38
55°	89	94	96	96	96	94	89	84	80	78	76
52.5°	127	129	129	126	129	129	127	123	117	110	104
50°	173	174	172	169	172	174	173	171	164	153	139
47.5°	244	247	249	249	249	247	244	237	225	208	193
45°	312	316	317	317	317	316	312	306	289	267	243
42.5°	393	399	401	399	401	399	393	383	364	335	300
40°	557	564	561	552	561	564	557	536	499	450	407
37.5°	844	871	882	883	882	871	844	806	752	655	586
35°	1455	1552	1597	1541	1597	1552	1455	1333	1197	1056	886
32.5°	2430	2603	2700	2700	2700	2603	2430	2196	1909	1617	1325
30°	3618	3835	3956	3982	3956	3835	3618	3317	2919	2479	1976
27.5°	4851	5074	5190	5173	5190	5074	4851	4531	4120	3549	2909
25°	6087	6256	6354	6357	6354	6256	6087	5775	5303	4743	3992
22.5°	7914	8270	8416	8456	8416	8270	7914	7391	6925	6220	5376
20°	9905	10250	10473	10486	10473	10250	9905	9425	8715	7921	6882
17.5°	11802	11973	12005	12019	12005	11973	11802	11289	10565	9754	8434
15°	13590	13650	13808	13828	13808	13650	13590	13119	12310	11418	10145
12.5°	14440	14495	14467	14394	14467	14495	14440	14084	13519	12601	11354
10°	14903	14825	14710	14572	14710	14825	14903	14647	14230	13521	12313
7.5°	15007	14922	14718	14517	14718	14922	15007	15031	14746	14153	12997
5°	15057	14805	14548	14304	14548	14805	15057	15141	14982	14491	13518
2.5°	15028	14728	14375	14113	14375	14728	15028	15153	15101	14746	13916
0°	15124	14820	14451	14353	14451	14820	15124	15268	15241	14957	14167
-2.5°	15391	15145	14952	14900	14952	15145	15391	15472	15410	15028	14183
-5°	15871	15817	15489	15566	15489	15817	15871	15802	15546	14969	13932
-7.5°	16335	16258	16120	16299	16120	16258	16335	16131	15631	14820	13626
-10°	16458	16433	16498	16657	16498	16433	16458	16091	15395	14418	13133
-12.5°	16080	16278	16500	16668	16500	16278	16080	15585	14866	13661	12258
-15°	15237	15642	15974	16132	15974	15642	15237	14648	13750	12624	11239
-17.5°	13995	14492	14886	14998	14886	14492	13995	13329	12388	11329	10079
-20°	12466	12972	13330	13473	13330	12972	12466	11785	10886	9893	8777

Classified

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

Scaled Data Report



REPORT NUMBER: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	10746	11239	11564	11735	11564	11239	10746	10068	9300	8416	7367
-25°	9000	9433	9721	9797	9721	9433	9000	8427	7736	6914	5945
-27.5°	7330	7679	7891	7914	7891	7679	7330	6815	6163	5412	4579
-30°	5650	5974	6158	6255	6158	5974	5650	5157	4565	3972	3308
-32.5°	3968	4225	4381	4422	4381	4225	3968	3620	3195	2763	2342
-35°	2646	2806	2904	2924	2904	2806	2646	2437	2176	1892	1668
-37.5°	1769	1847	1895	1918	1895	1847	1769	1661	1528	1370	1231
-40°	1253	1290	1310	1315	1310	1290	1253	1201	1129	1033	944
-42.5°	958	977	987	989	987	977	958	929	882	825	772
-45°	775	788	795	798	795	788	775	756	731	699	664
-47.5°	663	671	676	678	676	671	663	651	633	609	580
-50°	584	589	591	590	591	589	584	578	567	549	528
-52.5°	535	539	539	538	539	539	535	531	523	507	489
-55°	499	501	501	500	501	501	499	496	491	475	458
-57.5°	471	474	473	470	473	474	471	467	463	448	432
-60°	443	447	447	446	447	447	443	439	434	421	406
-62.5°	416	421	422	421	422	421	416	409	402	389	373
-65°	376	383	382	380	382	383	376	368	360	349	335
-67.5°	332	337	337	336	337	337	332	326	320	310	297
-70°	291	296	296	295	296	296	291	285	278	270	259
-72.5°	250	255	257	257	257	255	250	245	238	231	221
-75°	207	212	212	210	212	212	207	202	196	190	182
-77.5°	167	171	171	169	171	171	167	162	157	151	146
-80°	127	131	130	128	130	131	127	123	119	115	111
-82.5°	90	92	91	90	91	92	90	87	84	81	78
-85°	56	57	57	57	57	57	56	54	52	50	48
-87.5°	26	27	26	25	26	27	26	26	25	24	23
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-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°	1	1	1	1	1	1	1	1	1	0	1
60°	10	7	9	9	7	5	7	6	3	2	2
57.5°	35	32	31	28	24	21	19	18	16	10	4
55°	76	68	59	53	49	42	35	30	28	23	15
52.5°	97	94	86	75	68	64	56	48	41	35	28
50°	128	126	118	107	97	89	82	70	60	51	42
47.5°	179	168	159	150	131	116	107	98	83	71	59
45°	225	210	196	183	167	148	131	118	104	90	79
42.5°	279	253	229	215	196	177	158	141	124	108	95
40°	364	318	288	259	236	208	190	170	148	126	113
37.5°	502	419	376	333	295	256	228	203	177	152	132
35°	723	603	497	429	373	318	273	240	210	181	154
32.5°	1025	844	674	559	459	383	326	282	241	209	180
30°	1513	1172	903	715	576	460	378	321	273	234	205
27.5°	2265	1636	1242	921	715	564	447	362	303	259	226
25°	3202	2358	1705	1242	901	687	530	418	339	283	249
22.5°	4382	3373	2465	1624	1189	886	651	476	378	322	279
20°	5837	4538	3402	2413	1625	1118	800	576	448	370	310
17.5°	7269	5931	4416	3235	2233	1518	1011	703	515	418	344
15°	8718	7140	5535	4150	2872	1853	1201	826	592	471	382
12.5°	9825	8184	6398	4883	3381	2208	1441	983	689	515	410
10°	10722	9022	7155	5460	3888	2573	1657	1101	759	551	434
7.5°	11418	9622	7743	5953	4300	2876	1830	1192	814	583	453
5°	11972	10139	8217	6358	4622	3100	1965	1263	854	610	468
2.5°	12393	10521	8537	6624	4838	3257	2066	1323	887	636	482
0°	12620	10658	8811	6791	4979	3367	2134	1369	910	656	492
-2.5°	12657	10720	8779	6731	4973	3327	2118	1360	913	662	499
-5°	12320	10473	8530	6558	4808	3233	2075	1332	906	662	502
-7.5°	11954	10070	8125	6229	4526	3072	1992	1286	891	655	500
-10°	11397	9535	7681	5813	4165	2835	1850	1218	862	639	494
-12.5°	10595	8832	7101	5223	3725	2515	1657	1130	818	615	483
-15°	9607	7978	6274	4639	3268	2181	1457	1021	759	582	468
-17.5°	8580	6991	5374	3938	2739	1888	1315	943	707	552	449
-20°	7443	5920	4507	3243	2235	1561	1135	848	658	527	435

Classified

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

Scaled Data Report



REPORT NUMBER: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	6139	4893	3647	2511	1823	1337	992	755	602	495	418
-25°	4908	3859	2782	2044	1484	1104	862	689	561	466	399
-27.5°	3712	2793	2164	1604	1206	952	760	618	516	443	384
-30°	2659	2106	1640	1259	1010	811	667	564	482	419	367
-32.5°	1906	1572	1238	1024	839	703	600	515	451	398	354
-35°	1401	1181	986	839	716	623	541	479	424	377	340
-37.5°	1069	920	811	706	628	558	499	447	398	360	327
-40°	853	757	684	612	559	511	465	419	381	344	313
-42.5°	715	650	591	549	508	474	437	400	365	330	299
-45°	622	576	534	501	470	442	414	381	348	316	285
-47.5°	552	522	491	464	439	415	390	362	329	299	273
-50°	506	482	458	434	413	391	366	339	310	285	259
-52.5°	470	450	430	410	390	368	343	319	294	269	243
-55°	440	423	406	389	371	349	326	302	276	251	225
-57.5°	415	398	383	368	351	330	307	282	257	233	208
-60°	391	376	359	343	328	309	284	261	239	216	193
-62.5°	357	340	327	312	297	280	258	236	217	197	175
-65°	320	304	291	277	262	246	227	209	192	175	155
-67.5°	283	268	255	241	228	214	199	184	167	150	132
-70°	247	235	223	211	199	186	172	157	141	126	111
-72.5°	211	201	190	179	168	157	145	132	119	105	93
-75°	175	167	158	149	140	130	120	108	97	87	77
-77.5°	140	134	127	119	111	103	94	86	77	69	61
-80°	106	101	96	90	84	78	72	65	58	51	45
-82.5°	75	71	68	64	60	56	52	47	42	37	32
-85°	46	44	42	40	37	35	33	30	26	23	20
-87.5°	22	21	20	19	18	17	16	14	13	11	10
-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: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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	0	0	0
65°	1	1	0	1	1	2	1	1	1	1	0
62.5°	2	2	2	1	1	2	2	2	1	1	0
60°	2	2	3	2	2	2	3	2	2	2	1
57.5°	3	3	3	3	2	3	3	3	2	2	2
55°	7	5	4	4	3	3	3	3	3	2	3
52.5°	19	10	6	5	4	3	3	3	3	3	3
50°	32	21	12	8	6	4	4	3	3	3	3
47.5°	47	34	22	12	8	6	5	4	3	3	3
45°	65	49	34	21	12	9	6	5	3	3	3
42.5°	84	66	48	30	20	13	7	6	4	3	4
40°	100	85	63	44	29	19	11	7	5	3	4
37.5°	117	102	81	58	38	26	17	8	6	4	4
35°	135	118	99	73	51	33	23	10	8	5	4
32.5°	152	133	113	89	63	40	29	16	10	7	4
30°	174	147	126	103	75	51	35	22	12	8	5
27.5°	196	161	138	115	88	61	42	27	15	9	5
25°	217	178	150	126	100	72	49	32	18	11	6
22.5°	239	197	161	136	111	83	57	37	23	13	7
20°	261	215	172	148	121	93	66	43	26	15	8
17.5°	286	234	190	160	131	102	74	49	29	18	9
15°	311	254	207	172	141	110	82	55	32	20	10
12.5°	332	272	223	184	151	117	89	61	35	23	12
10°	351	287	236	196	159	124	95	67	39	25	14
7.5°	368	301	248	207	168	131	100	71	44	26	16
5°	381	312	257	215	175	139	105	74	49	28	18
2.5°	391	321	263	221	181	146	109	77	53	29	20
0°	399	328	268	227	186	153	112	79	57	30	22
-2.5°	403	333	275	231	192	156	116	84	60	34	23
-5°	403	335	281	234	198	159	119	87	62	38	23
-7.5°	404	337	285	237	202	160	122	90	64	41	24
-10°	402	337	286	240	203	162	124	93	66	43	24
-12.5°	397	335	285	241	203	164	126	94	67	45	25
-15°	388	331	284	241	203	165	128	95	68	46	25
-17.5°	377	326	282	239	202	165	129	95	68	46	26
-20°	369	320	278	235	201	164	129	94	68	45	27

Classified

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

Scaled Data Report



REPORT NUMBER: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	360	314	273	232	199	163	127	92	67	44	27
-25°	348	308	267	230	197	161	125	88	65	43	28
-27.5°	338	300	260	226	193	158	121	86	63	42	28
-30°	328	292	255	221	187	153	115	84	62	42	27
-32.5°	318	283	248	215	182	148	109	80	60	41	27
-35°	307	274	240	207	176	142	104	76	58	40	26
-37.5°	295	263	230	199	169	135	102	75	56	38	25
-40°	283	252	220	192	162	128	99	74	54	36	24
-42.5°	270	241	211	184	154	123	94	71	51	34	23
-45°	258	230	202	175	147	117	91	68	48	33	22
-47.5°	246	218	191	164	139	111	85	64	44	31	21
-50°	231	204	177	153	129	103	79	59	42	30	21
-52.5°	215	187	164	142	119	94	73	54	40	28	19
-55°	197	173	153	131	108	86	66	51	37	27	18
-57.5°	184	162	141	119	97	77	60	47	35	25	17
-60°	170	149	128	107	86	69	56	43	33	23	17
-62.5°	154	134	113	93	76	62	50	40	30	22	16
-65°	135	116	97	81	67	55	46	36	27	20	14
-67.5°	114	98	83	69	58	49	40	32	24	18	13
-70°	97	82	69	59	50	42	35	27	21	16	11
-72.5°	81	70	59	50	43	36	29	23	18	13	10
-75°	67	57	49	41	35	29	24	19	14	11	9
-77.5°	53	45	39	33	28	23	19	14	12	10	8
-80°	40	35	30	25	21	17	14	12	10	8	7
-82.5°	28	25	22	19	16	14	11	10	8	7	6
-85°	18	16	14	12	11	10	8	7	6	5	4
-87.5°	9	8	7	6	5	5	4	3	3	2	2
-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: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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	0	0	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	0	1	1	1	0	0	0
62.5°	0	1	1	1	0	0	0
60°	1	1	2	1	0	0	0
57.5°	1	1	2	1	0	0	0
55°	2	1	2	2	0	0	0
52.5°	2	1	2	2	1	0	0
50°	2	2	2	2	1	0	0
47.5°	3	2	2	3	1	0	0
45°	3	2	2	3	1	0	0
42.5°	3	2	2	3	1	0	0
40°	4	3	2	3	1	0	0
37.5°	4	3	2	3	2	0	0
35°	4	3	3	3	2	0	0
32.5°	5	3	3	3	2	0	0
30°	5	3	3	3	2	0	0
27.5°	5	4	3	3	2	0	0
25°	5	4	3	3	2	0	0
22.5°	5	4	3	3	2	0	0
20°	5	5	3	3	2	0	0
17.5°	6	5	3	3	2	0	0
15°	6	5	3	3	3	0	0
12.5°	6	5	3	3	3	0	0
10°	7	5	3	3	3	0	0
7.5°	7	5	3	3	3	0	0
5°	7	5	3	3	3	0	0
2.5°	8	5	3	3	3	0	0
0°	8	6	3	3	3	0	0
-2.5°	10	6	3	3	3	0	0
-5°	11	6	3	3	3	0	0
-7.5°	12	6	3	3	3	0	0
-10°	13	6	4	3	3	0	0
-12.5°	14	7	4	3	3	0	0
-15°	15	7	4	3	3	0	0
-17.5°	15	7	4	3	3	0	0
-20°	16	7	4	3	2	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627086 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	16	7	4	3	2	0	0
-25°	16	7	4	3	2	1	0
-27.5°	15	8	4	3	2	1	0
-30°	15	8	4	3	2	1	0
-32.5°	15	9	4	3	2	1	0
-35°	15	9	4	3	2	1	0
-37.5°	15	9	4	3	2	1	0
-40°	15	9	4	3	2	1	0
-42.5°	15	9	5	3	2	1	0
-45°	15	9	5	3	2	1	0
-47.5°	14	9	5	3	2	1	0
-50°	14	9	5	3	2	1	0
-52.5°	13	8	5	3	2	1	0
-55°	13	8	5	3	2	1	0
-57.5°	12	8	5	3	2	1	0
-60°	11	7	5	3	2	1	0
-62.5°	11	7	5	3	2	1	0
-65°	10	7	5	3	2	1	0
-67.5°	9	6	4	3	2	0	0
-70°	8	6	4	3	2	0	0
-72.5°	7	6	4	3	2	0	0
-75°	7	5	4	3	1	0	0
-77.5°	6	5	3	2	1	0	0
-80°	6	4	3	2	1	0	0
-82.5°	4	3	2	1	1	0	0
-85°	3	2	1	1	0	0	0
-87.5°	1	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)