

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: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627104 (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-SA3B-740-U-MR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (48) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13019.1 lumens  
Efficiency: N/A  
Efficacy: 138.9 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 45903 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 6509.7 lumens  
Beam Efficiency: 50.0%

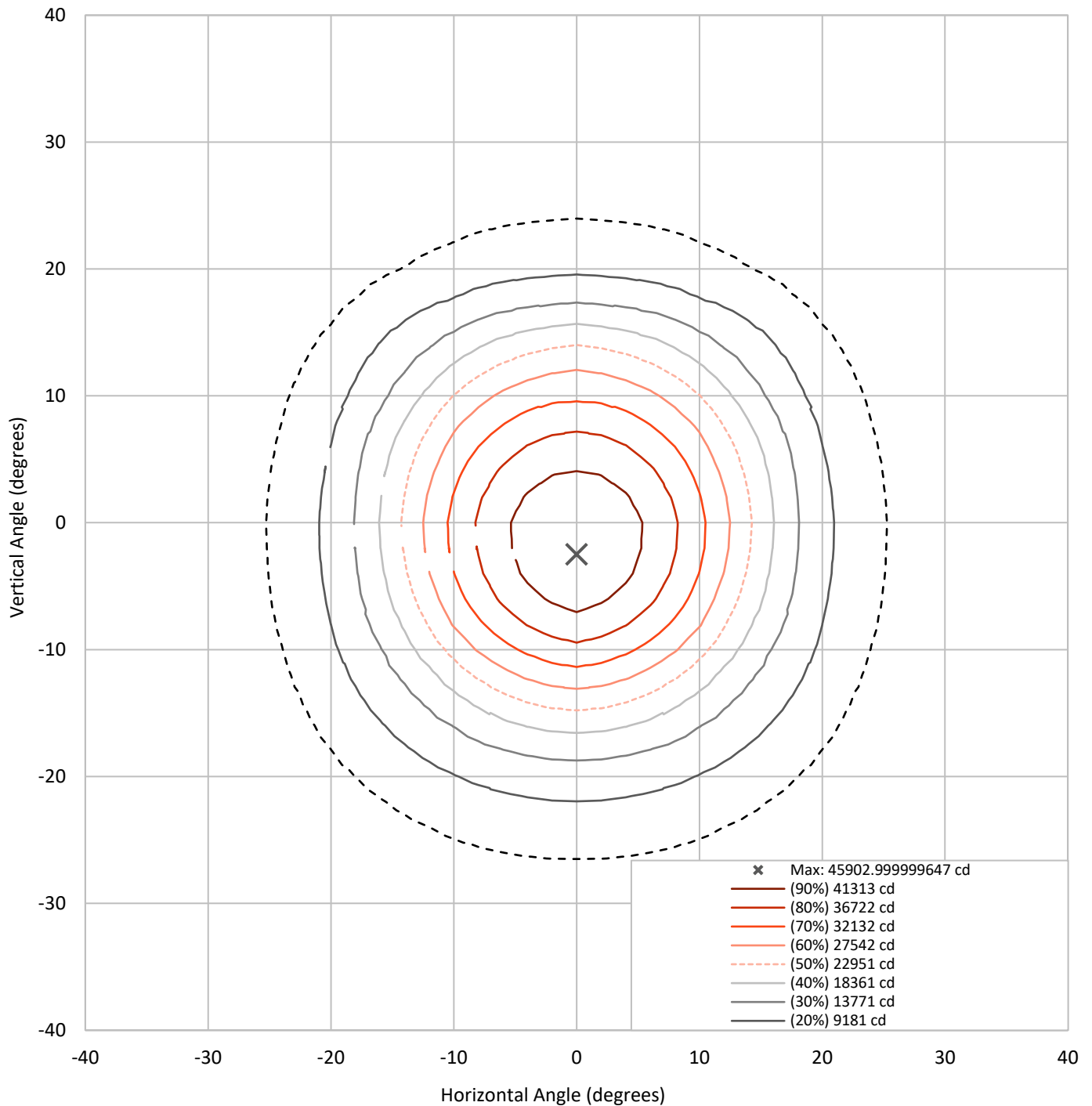
Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 11185.8 lumens  
Field Efficiency: 85.9%

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: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3B-740-U-MR-VSR-XX

### Iso-Candela Plot





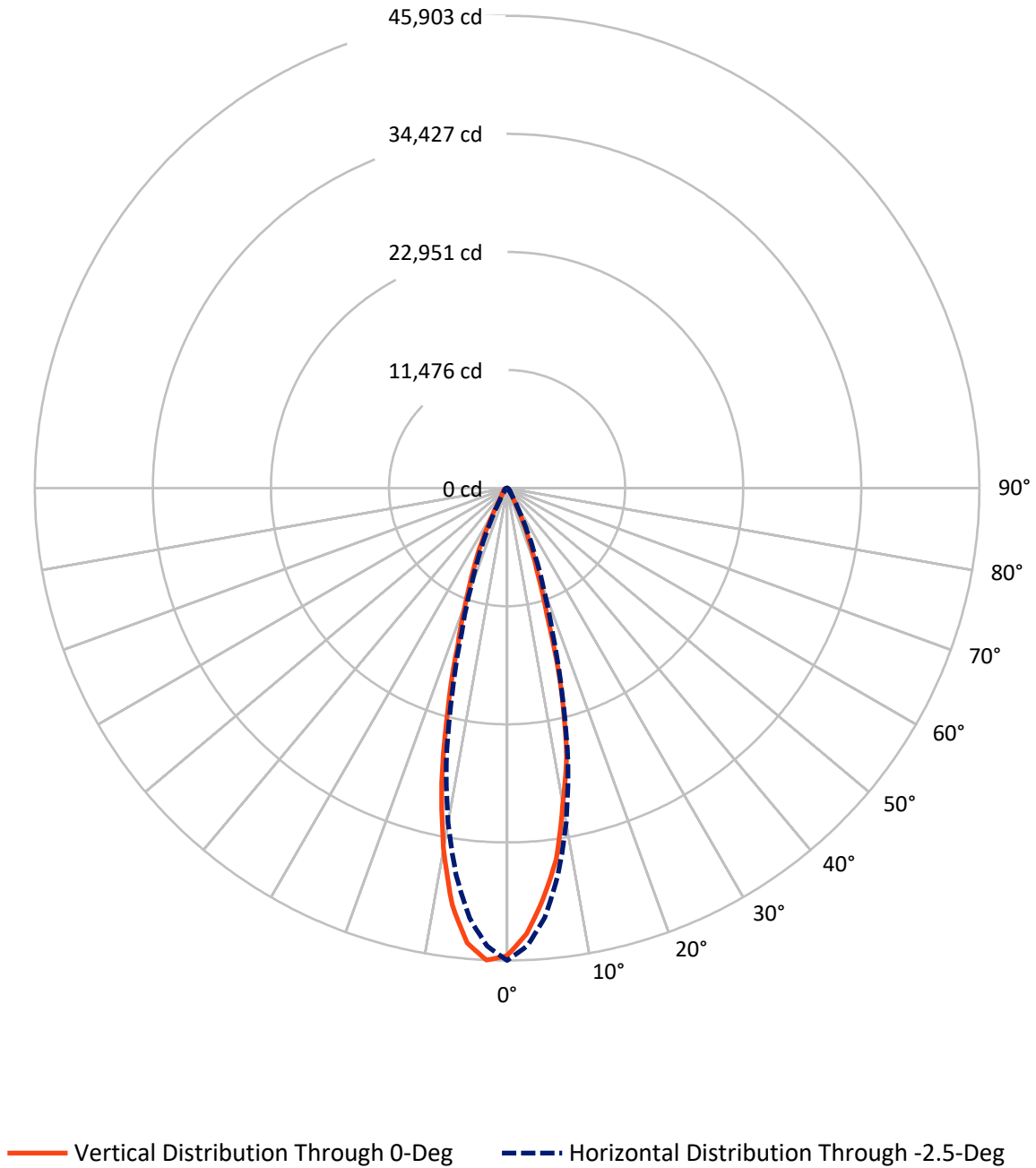
REPORT NUMBER: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-740-U-MR-VSR-XX

### 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	0.4	0.9	1.5	2.1	2.5	2.5	2.1	1.5	0.9	0.4	0.1				0.0	
50	0.0	0.1	0.4	1.4	2.7	4.2	5.9	6.9	6.9	5.9	4.2	2.7	1.4	0.4	0.1	0.0	0.0		
40		0.2	1.1	2.8	5.1	8.4	14.0	18.7	18.7	14.0	8.4	5.1	2.8	1.1	0.2				
30	0.1	0.4	1.8	4.3	8.1	19.7	61.8	113.3	113.3	61.8	19.7	8.1	4.3	1.8	0.4	0.1	0.1		
20		0.6	2.4	5.8	13.9	67.8	275.7	539.9	539.9	275.7	67.8	13.9	5.8	2.4	0.6				
10	0.2	0.8	2.9	6.9	19.9	129.2	556.7	1091.2	1091.2	556.7	129.2	19.9	6.9	2.9	0.8	0.2	0.2		
0		0.9	3.2	7.3	21.2	135.4	571.2	1157.0	1157.0	571.2	135.4	21.2	7.3	3.2	0.9				
-10	0.2	1.0	3.3	7.1	17.5	83.1	315.9	612.3	612.3	315.9	83.1	17.5	7.1	3.3	1.0	0.2	0.2		
-20		1.0	3.1	6.5	12.8	32.3	97.8	174.5	174.5	97.8	32.3	12.8	6.5	3.1	1.0				
-30	0.2	0.9	2.8	5.6	9.7	15.9	26.0	34.8	34.8	26.0	15.9	9.7	5.6	2.8	0.9	0.2	0.2		
-40		0.7	2.3	4.6	7.7	11.0	14.5	16.2	16.2	14.5	11.0	7.7	4.6	2.3	0.7				
-50	0.1	0.5	1.7	3.6	6.0	8.3	10.4	11.3	11.3	10.4	8.3	6.0	3.6	1.7	0.5	0.1	0.1		
-60		0.3	1.1	2.4	4.0	5.7	7.1	7.9	7.9	7.1	5.7	4.0	2.4	1.1	0.3				
-70	0.0	0.8	3.9	8.3	10.5	8.3	3.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
-80		0.8	3.9	8.3	10.5	8.3	3.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0					
-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		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

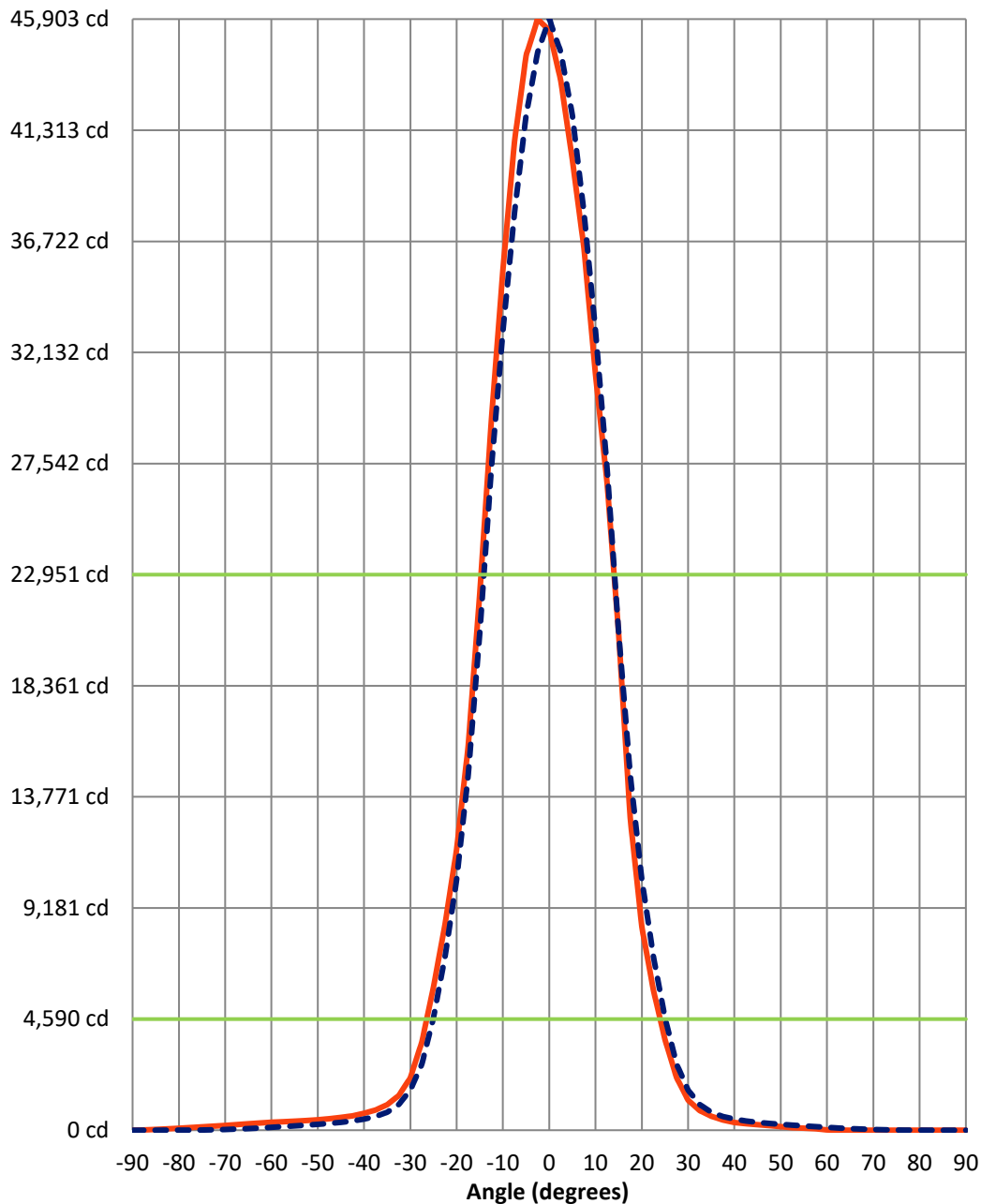
REPORT NUMBER: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3B-740-U-MR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-740-U-MR-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 6509.7  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 11185.8  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 1833.3  
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through -2.5-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-MR-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	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	1	1
55°	0	0	0	0	0	0	0	0	1	2	1
52.5°	0	0	0	0	0	0	1	1	2	2	1
50°	0	0	0	0	0	0	1	2	3	2	2
47.5°	0	0	0	0	0	1	1	2	3	2	2
45°	0	0	0	0	0	1	2	3	3	3	3
42.5°	0	0	0	0	0	1	2	3	3	3	5
40°	0	0	0	0	0	2	2	3	3	3	7
37.5°	0	0	0	0	0	2	3	3	4	4	10
35°	0	0	0	0	1	2	3	3	4	7	12
32.5°	0	0	0	0	1	2	3	3	5	10	16
30°	0	0	0	0	1	3	3	3	7	12	19
27.5°	0	0	0	0	2	3	3	4	8	15	23
25°	0	0	0	0	2	3	3	5	10	17	27
22.5°	0	0	0	0	2	3	3	6	12	21	32
20°	0	0	0	0	2	3	3	7	14	24	37
17.5°	0	0	0	0	2	3	3	8	16	27	42
15°	0	0	0	0	3	3	3	10	17	30	46
12.5°	0	0	0	0	3	3	4	11	19	34	49
10°	0	0	0	0	3	3	4	13	21	37	53
7.5°	0	0	0	0	3	3	5	14	22	39	56
5°	0	0	0	0	3	3	5	15	24	42	59
2.5°	0	0	0	0	3	3	5	16	25	44	61
0°	0	0	0	0	3	3	6	17	26	46	64
-2.5°	0	0	0	0	3	3	7	18	29	48	65
-5°	0	0	0	0	3	4	8	18	31	49	67
-7.5°	0	0	0	1	3	4	9	18	33	50	68
-10°	0	0	0	1	3	4	10	18	34	51	69
-12.5°	0	0	0	1	3	4	11	18	35	52	70
-15°	0	0	0	1	3	4	11	19	35	53	72
-17.5°	0	0	0	1	3	5	11	19	35	53	72
-20°	0	0	0	1	3	5	12	20	35	53	72

Classified

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

Scaled Data Report



REPORT NUMBER: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3B-740-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	1	3	5	12	21	34	52	71
-25°	0	0	0	1	3	5	12	21	33	51	69
-27.5°	0	0	0	1	3	5	12	22	32	50	68
-30°	0	0	0	1	3	6	12	22	32	48	66
-32.5°	0	0	0	1	3	6	12	21	32	46	63
-35°	0	0	0	1	3	6	12	21	31	44	60
-37.5°	0	0	0	1	4	6	12	20	30	42	58
-40°	0	0	0	1	4	6	12	20	29	41	57
-42.5°	0	0	0	1	4	6	11	19	28	40	55
-45°	0	0	0	1	4	6	11	18	27	38	52
-47.5°	0	0	0	0	3	6	10	17	26	36	49
-50°	0	0	0	0	3	6	10	16	25	34	46
-52.5°	0	0	0	1	3	6	10	15	23	32	42
-55°	0	0	0	1	3	6	9	14	21	29	39
-57.5°	0	0	0	1	2	5	8	13	19	27	36
-60°	0	0	0	1	2	5	8	12	17	24	32
-62.5°	0	0	0	1	2	4	7	10	15	21	29
-65°	0	0	0	1	2	4	7	9	14	19	25
-67.5°	0	0	0	1	2	4	6	8	12	17	22
-70°	0	0	0	1	2	3	5	8	10	14	19
-72.5°	0	0	0	1	2	3	5	7	9	12	16
-75°	0	0	0	1	1	3	4	6	7	10	13
-77.5°	0	0	0	0	1	2	4	5	6	7	9
-80°	0	0	0	0	1	2	3	4	4	6	7
-82.5°	0	0	0	0	1	1	2	3	3	4	4
-85°	0	0	0	0	0	1	1	2	2	2	2
-87.5°	0	0	0	0	0	0	1	1	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: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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	0	1	0	1	1
60°	0	0	0	1	1	1	2	2	3	3	6
57.5°	0	1	1	2	2	3	5	5	9	13	16
55°	1	2	2	2	4	7	9	14	19	25	30
52.5°	2	3	3	5	8	13	18	25	33	39	44
50°	3	3	4	9	14	21	30	39	46	52	60
47.5°	4	4	9	15	22	32	44	52	58	69	81
45°	5	8	14	22	32	45	56	63	75	87	99
42.5°	8	13	21	29	44	57	67	78	90	104	117
40°	11	17	28	41	56	69	81	94	106	122	137
37.5°	15	24	36	52	68	82	96	110	125	142	159
35°	18	31	45	62	78	95	111	127	146	165	183
32.5°	23	37	53	71	89	108	125	146	166	186	209
30°	30	45	61	81	100	119	142	165	184	207	232
27.5°	36	51	70	90	109	131	157	181	202	227	254
25°	42	58	78	98	119	144	172	196	219	246	278
22.5°	48	65	86	105	129	157	186	213	239	266	303
20°	54	73	95	115	138	170	201	230	260	294	336
17.5°	59	80	103	126	151	183	215	248	281	323	375
15°	64	86	111	135	163	195	229	265	304	353	412
12.5°	69	92	118	144	173	206	241	279	324	383	456
10°	74	98	126	153	182	217	252	292	340	403	489
7.5°	78	103	132	160	190	225	262	302	354	420	515
5°	81	108	137	166	196	232	269	311	364	433	537
2.5°	84	112	141	170	201	237	274	317	371	446	553
0°	87	116	144	173	205	240	277	321	376	457	564
-2.5°	89	119	148	177	209	243	281	324	381	460	566
-5°	92	122	150	180	212	245	282	326	383	460	568
-7.5°	93	125	152	182	214	247	284	327	384	459	567
-10°	94	126	154	183	216	248	284	327	383	455	558
-12.5°	96	126	155	184	216	249	283	324	377	446	540
-15°	97	126	155	184	216	248	281	319	369	434	516
-17.5°	98	126	154	182	214	247	277	314	361	422	500
-20°	97	125	152	180	212	244	275	310	353	408	478

Classified

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

Scaled Data Report



REPORT NUMBER: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	97	124	150	177	208	239	270	304	344	390	453
-25°	95	123	148	175	203	234	265	296	334	378	431
-27.5°	93	121	146	171	199	227	258	288	323	363	409
-30°	89	117	142	168	194	221	249	280	311	348	390
-32.5°	85	113	138	163	189	215	240	269	300	332	370
-35°	81	108	133	157	183	208	232	258	287	318	350
-37.5°	79	102	127	150	175	200	223	247	273	303	332
-40°	76	97	121	144	166	191	214	235	259	288	315
-42.5°	72	93	115	137	158	181	204	225	247	273	300
-45°	69	89	109	130	151	171	193	215	237	260	285
-47.5°	66	84	103	122	143	164	182	203	226	247	269
-50°	61	79	97	114	134	154	174	192	212	234	255
-52.5°	56	73	89	106	124	143	163	182	199	218	238
-55°	51	66	82	97	113	131	150	169	187	204	222
-57.5°	46	59	74	89	103	119	137	155	172	190	207
-60°	41	52	65	79	94	108	123	140	157	173	189
-62.5°	36	46	57	69	83	97	111	126	141	155	169
-65°	32	40	49	60	71	84	97	111	125	136	147
-67.5°	27	34	42	50	60	71	81	93	106	117	127
-70°	24	28	35	42	50	58	68	77	87	96	106
-72.5°	20	24	29	33	40	48	56	63	71	79	87
-75°	16	19	23	27	32	38	45	51	58	64	71
-77.5°	12	15	18	21	25	30	35	40	45	51	56
-80°	9	11	14	17	19	22	25	29	33	37	41
-82.5°	6	8	10	12	13	15	17	19	22	25	28
-85°	3	4	6	7	8	9	10	11	12	14	16
-87.5°	2	2	3	3	4	4	4	4	5	6	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-740-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	1	2	3	3	3	4	4	4	4	4
60°	7	7	11	13	13	10	14	16	16	13	13
57.5°	20	25	29	30	34	40	42	41	42	44	49
55°	35	39	42	48	54	60	64	67	70	74	78
52.5°	48	55	60	66	74	78	80	88	95	101	104
50°	69	76	83	91	99	106	111	120	129	139	145
47.5°	90	99	109	121	129	136	143	154	167	179	186
45°	110	121	133	144	154	163	174	188	201	213	222
42.5°	128	140	153	166	174	189	204	218	234	250	261
40°	149	160	179	192	204	219	242	262	282	300	312
37.5°	174	193	213	230	245	264	296	327	352	376	394
35°	204	227	252	270	293	328	368	410	454	488	519
32.5°	232	257	283	311	346	397	446	515	579	644	706
30°	257	286	317	353	410	480	561	666	781	895	1025
27.5°	284	316	353	411	497	592	741	907	1144	1334	1641
25°	313	349	399	492	610	778	1038	1334	1824	2242	2713
22.5°	349	403	475	590	789	1091	1495	2141	2892	3590	4256
20°	392	466	589	773	1057	1522	2289	3268	4313	5334	6322
17.5°	449	567	743	1004	1407	2384	3526	4924	6714	8058	9332
15°	502	650	916	1340	2099	3356	4951	7092	9501	11527	13819
12.5°	564	743	1064	1613	2698	4359	6394	8947	11798	14873	18462
10°	618	838	1251	2007	3323	5256	7536	10533	14195	18546	23083
7.5°	660	918	1407	2303	3849	5992	8712	12357	16995	22080	27254
5°	692	979	1530	2534	4297	6590	9570	13799	19086	24923	30068
2.5°	717	1023	1611	2676	4599	6998	10156	14566	20366	26779	32181
0°	737	1049	1656	2777	4740	7191	10428	14876	20966	27689	33244
-2.5°	744	1063	1658	2742	4654	7179	10365	14686	20552	27328	33018
-5°	746	1056	1616	2670	4503	6922	9950	13965	19289	25644	31411
-7.5°	741	1028	1532	2491	4162	6467	9370	12894	17258	22862	28822
-10°	721	978	1417	2248	3694	5758	8468	11446	14932	19506	24336
-12.5°	685	905	1258	1885	3142	4955	7355	9987	12704	15710	19683
-15°	642	829	1129	1664	2631	4111	6055	8278	10533	12835	15259
-17.5°	609	764	996	1370	2020	3217	4771	6558	8387	10215	11847
-20°	567	685	867	1158	1629	2338	3507	4897	6264	7755	9006

Classified

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

Scaled Data Report



REPORT NUMBER: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	530	630	767	950	1267	1766	2432	3411	4449	5532	6559
-25°	495	571	679	826	1015	1312	1752	2264	2993	3659	4421
-27.5°	465	529	602	711	854	1017	1287	1586	1968	2286	2795
-30°	437	488	548	618	723	847	992	1173	1360	1548	1792
-32.5°	410	453	500	557	622	715	805	921	1023	1136	1252
-35°	384	422	461	506	556	617	685	761	829	897	958
-37.5°	362	393	427	463	503	545	598	653	698	743	780
-40°	342	369	397	427	459	493	534	574	605	634	658
-42.5°	325	348	370	396	422	454	486	516	538	557	573
-45°	309	329	349	369	391	419	446	470	487	502	513
-47.5°	291	309	328	346	367	389	411	429	444	457	465
-50°	274	292	308	324	343	362	381	396	409	420	426
-52.5°	257	274	291	307	322	337	352	367	380	391	396
-55°	240	257	272	287	302	317	330	343	354	366	369
-57.5°	224	242	257	270	282	295	308	320	332	342	346
-60°	206	223	237	249	261	274	285	296	307	317	321
-62.5°	184	200	213	224	235	246	256	266	276	284	289
-65°	159	172	185	196	206	215	225	234	242	249	253
-67.5°	136	146	157	167	177	186	195	203	211	216	219
-70°	115	124	133	142	151	160	167	175	181	186	190
-72.5°	95	103	112	120	128	135	142	148	154	158	161
-75°	77	84	91	98	105	111	116	121	126	130	133
-77.5°	62	67	72	77	82	87	91	95	99	102	105
-80°	46	50	54	58	61	65	68	71	74	77	79
-82.5°	31	34	37	40	43	45	47	48	50	52	54
-85°	18	20	22	24	26	27	28	29	30	32	33
-87.5°	7	8	9	10	11	11	11	11	11	12	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	4	3	3	3	3	3	4	4	4	4	4
60°	13	12	11	12	11	12	13	13	13	16	16
57.5°	54	58	60	61	60	58	54	49	44	42	41
55°	82	85	85	84	85	85	82	78	74	70	67
52.5°	106	106	105	104	105	106	106	104	101	95	88
50°	147	147	147	147	147	147	147	145	139	129	120
47.5°	189	191	192	191	192	191	189	186	179	167	154
45°	226	229	230	228	230	229	226	222	213	201	188
42.5°	265	267	268	269	268	267	265	261	250	234	218
40°	317	319	319	318	319	319	317	312	300	282	262
37.5°	406	412	414	422	414	412	406	394	376	352	327
35°	543	558	566	578	566	558	543	519	488	454	410
32.5°	750	780	796	812	796	780	750	706	644	579	515
30°	1115	1174	1198	1243	1198	1174	1115	1025	895	781	666
27.5°	1866	2007	2063	2179	2063	2007	1866	1641	1334	1144	907
25°	3143	3448	3616	3749	3616	3448	3143	2713	2242	1824	1334
22.5°	4928	5374	5613	5789	5613	5374	4928	4256	3590	2892	2141
20°	7217	7807	8158	8414	8158	7807	7217	6322	5334	4313	3268
17.5°	10969	11895	12437	12902	12437	11895	10969	9332	8058	6714	4924
15°	16375	18237	19683	20489	19683	18237	16375	13819	11527	9501	7092
12.5°	21635	24361	25981	26726	25981	24361	21635	18462	14873	11798	8947
10°	26837	29407	30948	31221	30948	29407	26837	23083	18546	14195	10533
7.5°	30819	33646	35694	36437	35694	33646	30819	27254	22080	16995	12357
5°	34336	37646	39813	40088	39813	37646	34336	30068	24923	19086	13799
2.5°	36923	40522	42623	43345	42623	40522	36923	32181	26779	20366	14566
0°	38174	42050	44388	45441	44388	42050	38174	33244	27689	20966	14876
-2.5°	37911	41920	44530	45903	44530	41920	37911	33018	27328	20552	14686
-5°	36470	40490	42924	44383	42924	40490	36470	31411	25644	19289	13965
-7.5°	33146	36905	39496	40842	39496	36905	33146	28822	22862	17258	12894
-10°	28862	32044	34405	35553	34405	32044	28862	24336	19506	14932	11446
-12.5°	23296	26383	28513	29324	28513	26383	23296	19683	15710	12704	9987
-15°	17849	20205	21718	22197	21718	20205	17849	15259	12835	10533	8278
-17.5°	13536	14804	15655	15885	15655	14804	13536	11847	10215	8387	6558
-20°	10141	10927	11479	11610	11479	10927	10141	9006	7755	6264	4897

Classified

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

Scaled Data Report



REPORT NUMBER: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	7389	7980	8426	8515	8426	7980	7389	6559	5532	4449	3411
-25°	5097	5591	5894	5916	5894	5591	5097	4421	3659	2993	2264
-27.5°	3195	3467	3607	3656	3607	3467	3195	2795	2286	1968	1586
-30°	1975	2100	2166	2168	2166	2100	1975	1792	1548	1360	1173
-32.5°	1340	1401	1434	1434	1434	1401	1340	1252	1136	1023	921
-35°	1004	1035	1053	1055	1053	1035	1004	958	897	829	761
-37.5°	807	825	834	835	834	825	807	780	743	698	653
-40°	675	687	695	699	695	687	675	658	634	605	574
-42.5°	584	592	595	593	595	592	584	573	557	538	516
-45°	520	525	528	529	528	525	520	513	502	487	470
-47.5°	469	472	473	474	473	472	469	465	457	444	429
-50°	429	431	432	431	432	431	429	426	420	409	396
-52.5°	397	398	398	399	398	398	397	396	391	380	367
-55°	371	372	372	373	372	372	371	369	366	354	343
-57.5°	349	351	351	350	351	351	349	346	342	332	320
-60°	325	328	329	330	329	328	325	321	317	307	296
-62.5°	293	296	297	298	297	296	293	289	284	276	266
-65°	256	259	262	266	262	259	256	253	249	242	234
-67.5°	222	224	228	231	228	224	222	219	216	211	203
-70°	193	195	196	197	196	195	193	190	186	181	175
-72.5°	164	167	167	168	167	167	164	161	158	154	148
-75°	136	138	139	139	139	138	136	133	130	126	121
-77.5°	107	109	110	110	110	109	107	105	102	99	95
-80°	81	83	82	81	82	83	81	79	77	74	71
-82.5°	56	58	56	55	56	58	56	54	52	50	48
-85°	34	35	33	32	33	35	34	33	32	30	29
-87.5°	14	14	13	12	13	14	14	13	12	11	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-740-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°	4	3	3	3	2	1	1	1	1	0	1
60°	14	10	13	13	11	7	7	6	3	3	2
57.5°	42	40	34	30	29	25	20	16	13	9	5
55°	64	60	54	48	42	39	35	30	25	19	14
52.5°	80	78	74	66	60	55	48	44	39	33	25
50°	111	106	99	91	83	76	69	60	52	46	39
47.5°	143	136	129	121	109	99	90	81	69	58	52
45°	174	163	154	144	133	121	110	99	87	75	63
42.5°	204	189	174	166	153	140	128	117	104	90	78
40°	242	219	204	192	179	160	149	137	122	106	94
37.5°	296	264	245	230	213	193	174	159	142	125	110
35°	368	328	293	270	252	227	204	183	165	146	127
32.5°	446	397	346	311	283	257	232	209	186	166	146
30°	561	480	410	353	317	286	257	232	207	184	165
27.5°	741	592	497	411	353	316	284	254	227	202	181
25°	1038	778	610	492	399	349	313	278	246	219	196
22.5°	1495	1091	789	590	475	403	349	303	266	239	213
20°	2289	1522	1057	773	589	466	392	336	294	260	230
17.5°	3526	2384	1407	1004	743	567	449	375	323	281	248
15°	4951	3356	2099	1340	916	650	502	412	353	304	265
12.5°	6394	4359	2698	1613	1064	743	564	456	383	324	279
10°	7536	5256	3323	2007	1251	838	618	489	403	340	292
7.5°	8712	5992	3849	2303	1407	918	660	515	420	354	302
5°	9570	6590	4297	2534	1530	979	692	537	433	364	311
2.5°	10156	6998	4599	2676	1611	1023	717	553	446	371	317
0°	10428	7191	4740	2777	1656	1049	737	564	457	376	321
-2.5°	10365	7179	4654	2742	1658	1063	744	566	460	381	324
-5°	9950	6922	4503	2670	1616	1056	746	568	460	383	326
-7.5°	9370	6467	4162	2491	1532	1028	741	567	459	384	327
-10°	8468	5758	3694	2248	1417	978	721	558	455	383	327
-12.5°	7355	4955	3142	1885	1258	905	685	540	446	377	324
-15°	6055	4111	2631	1664	1129	829	642	516	434	369	319
-17.5°	4771	3217	2020	1370	996	764	609	500	422	361	314
-20°	3507	2338	1629	1158	867	685	567	478	408	353	310

Classified

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

Scaled Data Report



REPORT NUMBER: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	2432	1766	1267	950	767	630	530	453	390	344	304
-25°	1752	1312	1015	826	679	571	495	431	378	334	296
-27.5°	1287	1017	854	711	602	529	465	409	363	323	288
-30°	992	847	723	618	548	488	437	390	348	311	280
-32.5°	805	715	622	557	500	453	410	370	332	300	269
-35°	685	617	556	506	461	422	384	350	318	287	258
-37.5°	598	545	503	463	427	393	362	332	303	273	247
-40°	534	493	459	427	397	369	342	315	288	259	235
-42.5°	486	454	422	396	370	348	325	300	273	247	225
-45°	446	419	391	369	349	329	309	285	260	237	215
-47.5°	411	389	367	346	328	309	291	269	247	226	203
-50°	381	362	343	324	308	292	274	255	234	212	192
-52.5°	352	337	322	307	291	274	257	238	218	199	182
-55°	330	317	302	287	272	257	240	222	204	187	169
-57.5°	308	295	282	270	257	242	224	207	190	172	155
-60°	285	274	261	249	237	223	206	189	173	157	140
-62.5°	256	246	235	224	213	200	184	169	155	141	126
-65°	225	215	206	196	185	172	159	147	136	125	111
-67.5°	195	186	177	167	157	146	136	127	117	106	93
-70°	167	160	151	142	133	124	115	106	96	87	77
-72.5°	142	135	128	120	112	103	95	87	79	71	63
-75°	116	111	105	98	91	84	77	71	64	58	51
-77.5°	91	87	82	77	72	67	62	56	51	45	40
-80°	68	65	61	58	54	50	46	41	37	33	29
-82.5°	47	45	43	40	37	34	31	28	25	22	19
-85°	28	27	26	24	22	20	18	16	14	12	11
-87.5°	11	11	11	10	9	8	7	6	6	5	4
-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: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	0	0	0	0	0	0	0	0	0	0	0
60°	2	1	1	1	0	0	0	1	1	0	0
57.5°	5	3	2	2	1	1	0	1	1	1	0
55°	9	7	4	2	2	2	1	1	2	1	0
52.5°	18	13	8	5	3	3	2	1	2	2	1
50°	30	21	14	9	4	3	3	2	2	3	2
47.5°	44	32	22	15	9	4	4	2	2	3	2
45°	56	45	32	22	14	8	5	3	3	3	3
42.5°	67	57	44	29	21	13	8	5	3	3	3
40°	81	69	56	41	28	17	11	7	3	3	3
37.5°	96	82	68	52	36	24	15	10	4	4	3
35°	111	95	78	62	45	31	18	12	7	4	3
32.5°	125	108	89	71	53	37	23	16	10	5	3
30°	142	119	100	81	61	45	30	19	12	7	3
27.5°	157	131	109	90	70	51	36	23	15	8	4
25°	172	144	119	98	78	58	42	27	17	10	5
22.5°	186	157	129	105	86	65	48	32	21	12	6
20°	201	170	138	115	95	73	54	37	24	14	7
17.5°	215	183	151	126	103	80	59	42	27	16	8
15°	229	195	163	135	111	86	64	46	30	17	10
12.5°	241	206	173	144	118	92	69	49	34	19	11
10°	252	217	182	153	126	98	74	53	37	21	13
7.5°	262	225	190	160	132	103	78	56	39	22	14
5°	269	232	196	166	137	108	81	59	42	24	15
2.5°	274	237	201	170	141	112	84	61	44	25	16
0°	277	240	205	173	144	116	87	64	46	26	17
-2.5°	281	243	209	177	148	119	89	65	48	29	18
-5°	282	245	212	180	150	122	92	67	49	31	18
-7.5°	284	247	214	182	152	125	93	68	50	33	18
-10°	284	248	216	183	154	126	94	69	51	34	18
-12.5°	283	249	216	184	155	126	96	70	52	35	18
-15°	281	248	216	184	155	126	97	72	53	35	19
-17.5°	277	247	214	182	154	126	98	72	53	35	19
-20°	275	244	212	180	152	125	97	72	53	35	20

Classified

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

Scaled Data Report



REPORT NUMBER: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	270	239	208	177	150	124	97	71	52	34	21
-25°	265	234	203	175	148	123	95	69	51	33	21
-27.5°	258	227	199	171	146	121	93	68	50	32	22
-30°	249	221	194	168	142	117	89	66	48	32	22
-32.5°	240	215	189	163	138	113	85	63	46	32	21
-35°	232	208	183	157	133	108	81	60	44	31	21
-37.5°	223	200	175	150	127	102	79	58	42	30	20
-40°	214	191	166	144	121	97	76	57	41	29	20
-42.5°	204	181	158	137	115	93	72	55	40	28	19
-45°	193	171	151	130	109	89	69	52	38	27	18
-47.5°	182	164	143	122	103	84	66	49	36	26	17
-50°	174	154	134	114	97	79	61	46	34	25	16
-52.5°	163	143	124	106	89	73	56	42	32	23	15
-55°	150	131	113	97	82	66	51	39	29	21	14
-57.5°	137	119	103	89	74	59	46	36	27	19	13
-60°	123	108	94	79	65	52	41	32	24	17	12
-62.5°	111	97	83	69	57	46	36	29	21	15	10
-65°	97	84	71	60	49	40	32	25	19	14	9
-67.5°	81	71	60	50	42	34	27	22	17	12	8
-70°	68	58	50	42	35	28	24	19	14	10	8
-72.5°	56	48	40	33	29	24	20	16	12	9	7
-75°	45	38	32	27	23	19	16	13	10	7	6
-77.5°	35	30	25	21	18	15	12	9	7	6	5
-80°	25	22	19	17	14	11	9	7	6	4	4
-82.5°	17	15	13	12	10	8	6	4	4	3	3
-85°	10	9	8	7	6	4	3	2	2	2	2
-87.5°	4	4	4	3	3	2	2	1	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: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	1	1	0	0	0	0	0
45°	2	1	0	0	0	0	0
42.5°	2	1	0	0	0	0	0
40°	2	2	0	0	0	0	0
37.5°	3	2	0	0	0	0	0
35°	3	2	1	0	0	0	0
32.5°	3	2	1	0	0	0	0
30°	3	3	1	0	0	0	0
27.5°	3	3	2	0	0	0	0
25°	3	3	2	0	0	0	0
22.5°	3	3	2	0	0	0	0
20°	3	3	2	0	0	0	0
17.5°	3	3	2	0	0	0	0
15°	3	3	3	0	0	0	0
12.5°	4	3	3	0	0	0	0
10°	4	3	3	0	0	0	0
7.5°	5	3	3	0	0	0	0
5°	5	3	3	0	0	0	0
2.5°	5	3	3	0	0	0	0
0°	6	3	3	0	0	0	0
-2.5°	7	3	3	0	0	0	0
-5°	8	4	3	0	0	0	0
-7.5°	9	4	3	1	0	0	0
-10°	10	4	3	1	0	0	0
-12.5°	11	4	3	1	0	0	0
-15°	11	4	3	1	0	0	0
-17.5°	11	5	3	1	0	0	0
-20°	12	5	3	1	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627104 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)