

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: P626874 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-750-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626874 (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-SA2B-750-U-MR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (32) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9380.5 lumens  
Efficiency: N/A  
Efficacy: 147.5 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 33073.9 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 4690.3 lumens  
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 8059.6 lumens  
Field Efficiency: 85.9%

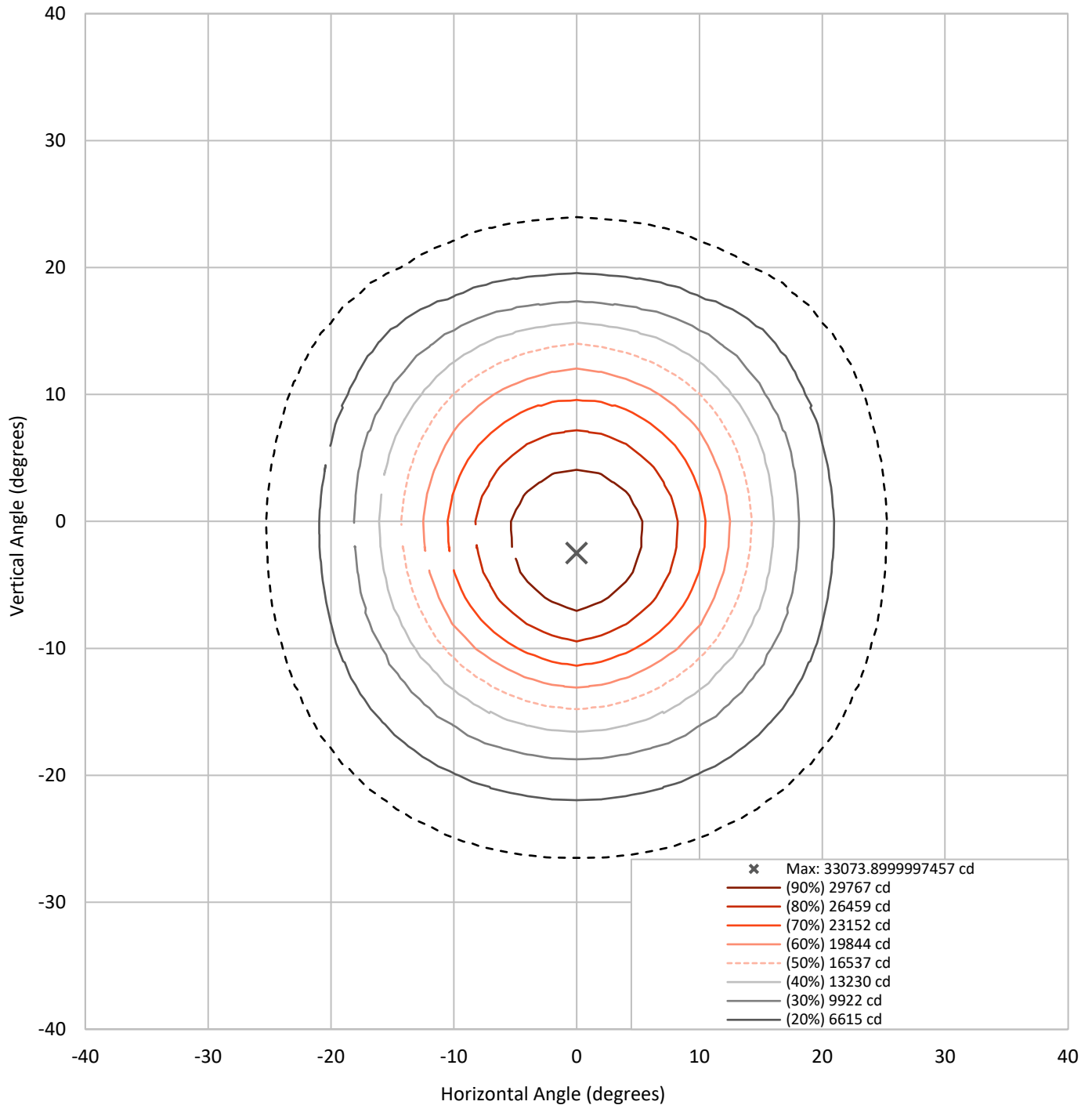
Input Watts (W): 63.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA2B-750-U-MR-VSR-XX

### Iso-Candela Plot





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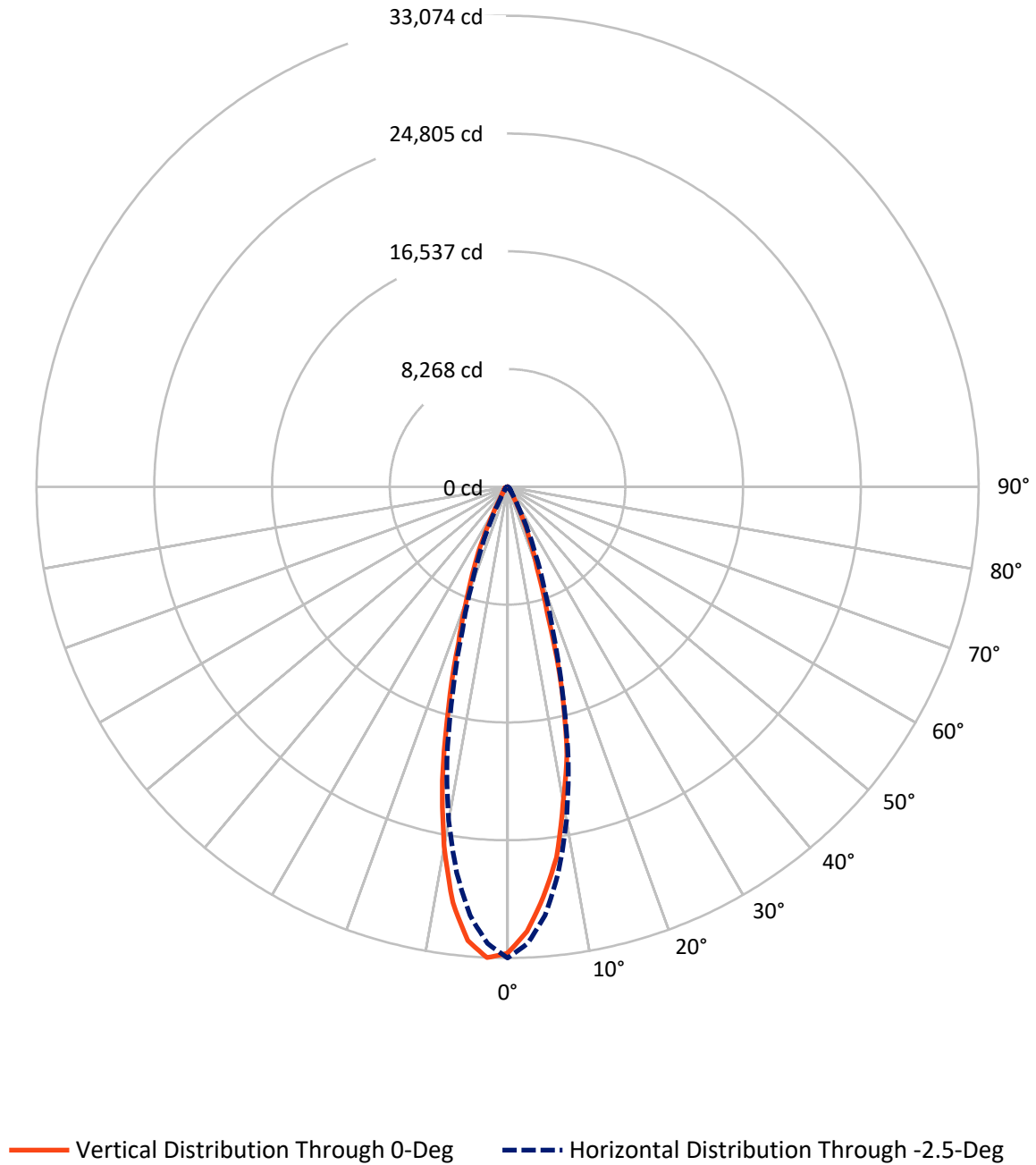
CATALOG NUMBER: GFLD-SA2B-750-U-MR-VSR-XX

### 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				
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	0.3	0.6	1.1	1.5	1.8	1.8	1.5	1.1	0.6	0.3	0.1		0.0			
40	0.0	0.0	0.3	1.0	2.0	3.0	4.3	5.0	5.0	4.3	3.0	2.0	1.0	0.3	0.0				
30		0.1	0.8	2.0	3.7	6.1	10.1	13.5	13.5	10.1	6.1	3.7	2.0	0.8		0.1			
20	0.1	0.3	1.3	3.1	5.8	14.2	44.5	81.7	81.7	44.5	14.2	5.8	3.1	1.3	0.1				
10		0.5	1.7	4.2	10.0	48.9	198.7	389.0	389.0	198.7	48.9	10.0	4.2	1.7		0.5			
0	0.1	0.6	2.1	5.0	14.3	93.1	401.1	786.2	786.2	401.1	93.1	14.3	5.0	2.1	0.1				
-10		0.7	2.3	5.2	15.3	97.6	411.6	833.7	833.7	411.6	97.6	15.3	5.2	2.3		0.7			
-20	0.2	0.7	2.4	5.1	12.6	59.9	227.6	441.2	441.2	227.6	59.9	12.6	5.1	2.4	0.2				
-30		0.7	2.2	4.7	9.2	23.3	70.5	125.8	125.8	70.5	23.3	9.2	4.7	2.2		0.7			
-40	0.2	0.6	2.0	4.0	7.0	11.5	18.7	25.1	25.1	18.7	11.5	7.0	4.0	2.0	0.2				
-50		0.5	1.7	3.4	5.5	7.9	10.4	11.7	11.7	10.4	7.9	5.5	3.4	1.7		0.5			
-60	0.1	0.4	1.2	2.6	4.3	6.0	7.5	8.2	8.2	7.5	6.0	4.3	2.6	1.2	0.1				
-70		0.2	0.8	1.7	2.9	4.1	5.1	5.7	5.7	5.1	4.1	2.9	1.7	0.8		0.2			
-80	0.0	0.6		2.8	6.0		7.6	6.0		2.8	0.6		0.0						
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

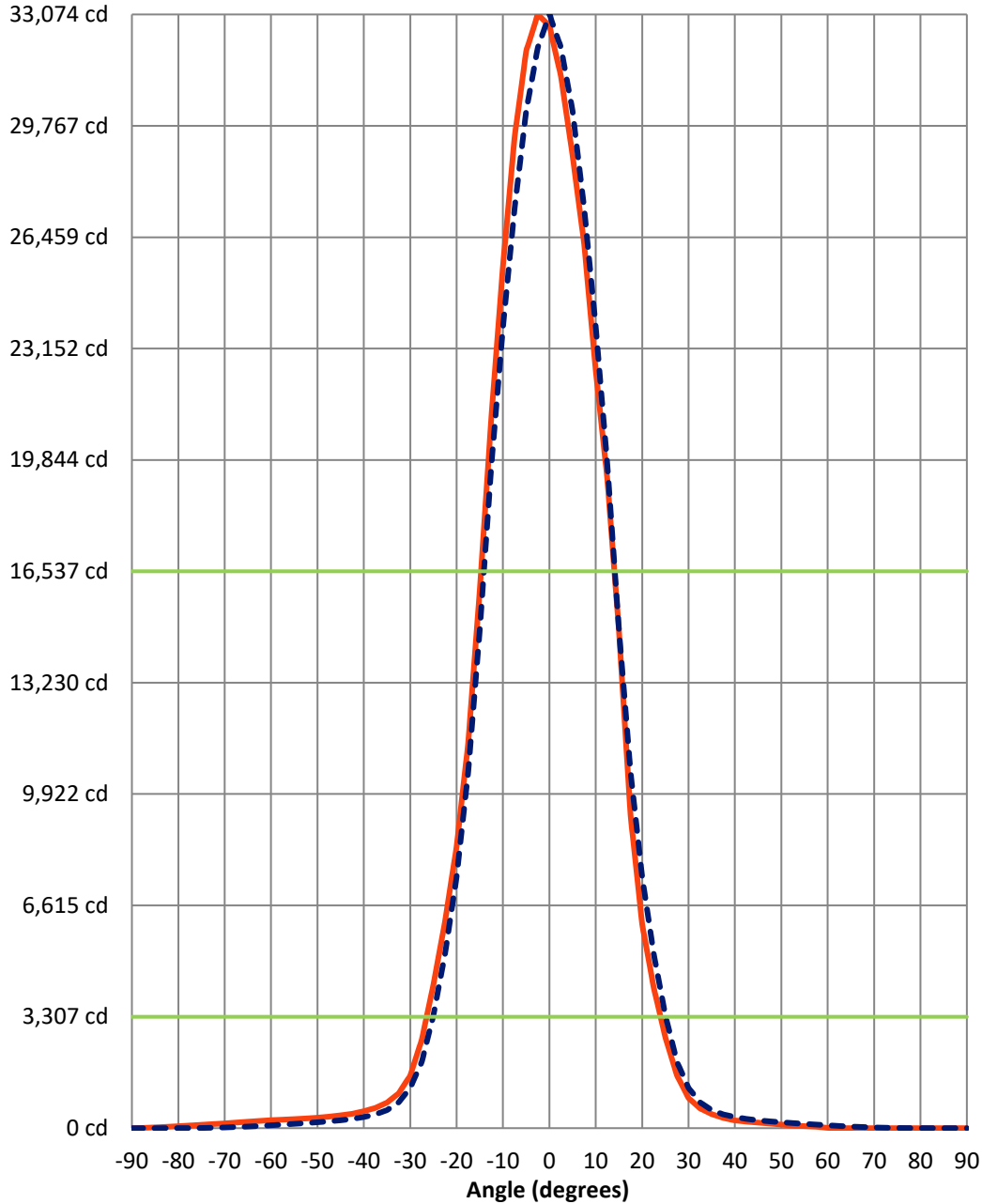
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 4690.3  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 8059.6  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 1320.9  
 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	0	1
57.5°	0	0	0	0	0	0	0	0	0	1	1
55°	0	0	0	0	0	0	0	0	1	1	1
52.5°	0	0	0	0	0	0	0	1	2	1	1
50°	0	0	0	0	0	0	1	1	2	2	1
47.5°	0	0	0	0	0	0	1	2	2	2	2
45°	0	0	0	0	0	1	1	2	2	2	2
42.5°	0	0	0	0	0	1	1	2	2	2	3
40°	0	0	0	0	0	1	2	2	2	2	5
37.5°	0	0	0	0	0	1	2	2	3	3	7
35°	0	0	0	0	1	2	2	2	3	5	9
32.5°	0	0	0	0	1	2	2	2	4	7	11
30°	0	0	0	0	1	2	2	2	5	9	14
27.5°	0	0	0	0	1	2	2	3	6	11	17
25°	0	0	0	0	1	2	2	4	7	13	20
22.5°	0	0	0	0	1	2	2	4	9	15	23
20°	0	0	0	0	2	2	2	5	10	17	27
17.5°	0	0	0	0	2	2	2	6	11	20	30
15°	0	0	0	0	2	2	2	7	13	22	33
12.5°	0	0	0	0	2	2	3	8	14	24	36
10°	0	0	0	0	2	2	3	9	15	26	38
7.5°	0	0	0	0	2	2	3	10	16	28	40
5°	0	0	0	0	2	2	4	11	17	30	42
2.5°	0	0	0	0	2	2	4	12	18	32	44
0°	0	0	0	0	2	2	4	12	19	33	46
-2.5°	0	0	0	0	2	2	5	13	21	34	47
-5°	0	0	0	0	2	3	6	13	22	35	48
-7.5°	0	0	0	0	2	3	6	13	24	36	49
-10°	0	0	0	1	2	3	7	13	25	37	50
-12.5°	0	0	0	1	2	3	8	13	25	37	51
-15°	0	0	0	1	2	3	8	13	26	38	52
-17.5°	0	0	0	1	2	3	8	14	25	38	52
-20°	0	0	0	1	2	3	8	14	25	38	52

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REPORT NUMBER: P626874 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-750-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	2	3	9	15	24	38	51
-25°	0	0	0	1	2	4	9	15	24	37	50
-27.5°	0	0	0	1	2	4	9	16	23	36	49
-30°	0	0	0	1	2	4	9	16	23	34	47
-32.5°	0	0	0	1	2	4	8	15	23	33	45
-35°	0	0	0	1	3	4	8	15	22	32	43
-37.5°	0	0	0	1	3	4	9	15	22	31	42
-40°	0	0	0	1	3	4	8	14	21	30	41
-42.5°	0	0	0	0	3	5	8	14	20	29	39
-45°	0	0	0	0	3	5	8	13	20	27	38
-47.5°	0	0	0	0	2	5	7	13	19	26	36
-50°	0	0	0	0	2	4	7	12	18	24	33
-52.5°	0	0	0	0	2	4	7	11	17	23	30
-55°	0	0	0	0	2	4	6	10	15	21	28
-57.5°	0	0	0	0	2	4	6	9	14	19	26
-60°	0	0	0	0	2	3	5	8	12	17	23
-62.5°	0	0	0	0	2	3	5	7	11	15	21
-65°	0	0	0	0	1	3	5	7	10	14	18
-67.5°	0	0	0	0	1	3	4	6	8	12	16
-70°	0	0	0	0	1	2	4	5	7	10	14
-72.5°	0	0	0	0	1	2	4	5	6	9	11
-75°	0	0	0	0	1	2	3	4	5	7	9
-77.5°	0	0	0	0	1	2	3	3	4	5	7
-80°	0	0	0	0	1	1	2	3	3	4	5
-82.5°	0	0	0	0	1	1	2	2	2	3	3
-85°	0	0	0	0	0	1	1	1	1	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





REPORT NUMBER: P626874 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-750-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	0	0	1	1
60°	0	0	0	1	0	1	1	2	2	2	4
57.5°	0	0	1	1	1	2	3	4	7	10	12
55°	1	1	2	2	3	5	7	10	14	18	22
52.5°	1	2	2	3	6	9	13	18	24	28	31
50°	2	2	3	7	10	15	22	28	33	37	43
47.5°	3	3	6	11	16	23	32	37	42	50	58
45°	4	6	10	16	23	33	40	46	54	63	71
42.5°	5	9	15	21	32	41	48	56	65	75	85
40°	8	12	20	29	41	50	59	68	77	88	98
37.5°	11	17	26	37	49	59	69	79	90	102	114
35°	13	22	32	45	56	69	80	91	105	119	132
32.5°	17	27	39	51	64	78	90	105	120	134	151
30°	21	32	44	58	72	86	102	119	133	149	167
27.5°	26	37	50	65	79	94	113	130	146	163	183
25°	30	42	56	71	86	104	124	141	158	177	200
22.5°	35	47	62	76	93	113	134	153	172	191	218
20°	39	52	68	83	100	122	145	166	188	212	242
17.5°	43	58	74	90	109	132	155	179	203	233	270
15°	46	62	80	98	117	141	165	191	219	254	297
12.5°	50	66	85	104	125	149	174	201	234	276	329
10°	53	70	91	110	131	156	182	210	245	290	352
7.5°	56	74	95	115	137	162	189	218	255	303	371
5°	58	78	99	119	142	167	194	224	262	312	387
2.5°	61	81	102	122	145	171	197	228	268	321	398
0°	62	83	104	125	148	173	200	231	271	329	406
-2.5°	64	86	106	128	151	175	202	234	274	331	408
-5°	66	88	108	129	153	176	203	235	276	332	409
-7.5°	67	90	110	131	154	178	204	236	277	331	408
-10°	68	91	111	132	155	179	205	235	276	328	402
-12.5°	69	91	111	133	156	179	204	233	272	321	389
-15°	70	91	111	132	156	179	202	230	266	313	372
-17.5°	70	91	111	131	154	178	200	226	260	304	360
-20°	70	90	110	129	153	176	198	223	254	294	344

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CATALOG NUMBER: GFLD-SA2B-750-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°	70	90	108	127	150	172	195	219	248	281	326
-25°	69	88	107	126	147	168	191	213	241	272	311
-27.5°	67	87	105	124	143	164	186	208	233	262	295
-30°	64	84	102	121	140	159	180	201	224	251	281
-32.5°	61	81	99	117	136	155	173	194	216	239	267
-35°	59	78	95	113	132	150	167	186	207	229	252
-37.5°	57	74	92	108	126	144	160	178	197	218	239
-40°	55	70	87	103	120	138	154	169	187	207	227
-42.5°	52	67	83	99	114	130	147	162	178	197	216
-45°	50	64	78	94	109	123	139	155	171	187	205
-47.5°	47	60	74	88	103	118	131	146	163	178	194
-50°	44	57	70	82	96	111	125	138	153	169	184
-52.5°	41	53	64	76	89	103	118	131	144	157	172
-55°	37	48	59	70	82	95	108	122	135	147	160
-57.5°	33	42	53	64	75	85	99	111	124	137	149
-60°	30	37	47	57	68	78	89	101	113	125	136
-62.5°	26	33	41	50	60	70	80	90	101	112	122
-65°	23	29	35	43	51	60	70	80	90	98	106
-67.5°	20	25	30	36	44	51	59	67	76	84	91
-70°	17	20	25	30	36	42	49	56	63	69	76
-72.5°	14	17	21	24	29	35	40	45	51	57	63
-75°	12	14	17	20	23	27	32	37	42	46	51
-77.5°	9	11	13	16	18	21	25	29	33	37	40
-80°	6	8	10	12	14	16	18	21	24	27	30
-82.5°	4	6	7	9	10	11	12	14	16	18	20
-85°	2	3	4	5	6	6	7	8	9	10	11
-87.5°	1	2	2	2	3	3	3	3	3	4	5
-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	0	1	0	0	0	0
62.5°	1	1	2	2	2	3	3	3	3	3	3
60°	5	5	8	10	9	7	10	12	11	10	10
57.5°	15	18	21	22	25	29	30	30	30	32	35
55°	26	28	30	35	39	43	46	48	51	53	56
52.5°	35	40	43	47	53	56	58	64	69	73	75
50°	49	54	60	66	71	76	80	86	93	100	105
47.5°	65	71	79	87	93	98	103	111	120	129	134
45°	80	87	96	104	111	117	125	135	145	153	160
42.5°	92	101	110	119	125	136	147	157	169	180	188
40°	107	116	129	139	147	158	175	189	203	216	225
37.5°	125	139	154	165	176	190	213	236	253	271	284
35°	147	163	182	194	211	236	265	296	327	352	374
32.5°	167	185	204	224	250	286	322	371	417	464	508
30°	185	206	229	255	296	346	404	480	562	645	738
27.5°	205	227	254	296	358	427	534	653	824	961	1182
25°	226	251	288	354	440	561	748	962	1314	1615	1955
22.5°	251	290	342	425	568	786	1077	1542	2084	2587	3066
20°	282	336	424	557	762	1097	1649	2354	3107	3843	4555
17.5°	324	408	535	724	1014	1718	2541	3548	4837	5806	6724
15°	362	468	660	965	1512	2418	3568	5110	6846	8306	9957
12.5°	406	536	766	1162	1944	3141	4607	6446	8501	10716	13302
10°	445	604	901	1446	2394	3787	5430	7589	10228	13363	16632
7.5°	475	661	1014	1659	2773	4318	6277	8903	12245	15909	19637
5°	499	706	1102	1826	3096	4748	6895	9943	13752	17958	21664
2.5°	517	737	1161	1928	3314	5042	7318	10495	14674	19295	23187
0°	531	756	1193	2001	3415	5181	7514	10718	15106	19950	23953
-2.5°	536	766	1195	1976	3354	5173	7468	10582	14808	19690	23790
-5°	538	761	1165	1924	3244	4987	7169	10062	13898	18477	22632
-7.5°	534	740	1104	1795	2999	4660	6751	9291	12435	16472	20767
-10°	519	705	1021	1620	2661	4148	6101	8247	10759	14054	17535
-12.5°	493	652	907	1358	2264	3570	5299	7196	9153	11319	14182
-15°	462	597	814	1199	1895	2962	4363	5964	7589	9248	10994
-17.5°	439	550	718	987	1455	2318	3438	4725	6043	7360	8536
-20°	409	494	625	834	1174	1685	2527	3528	4513	5587	6489

Classified

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

Scaled Data Report



REPORT NUMBER: P626874 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-750-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°	382	454	552	684	913	1272	1752	2457	3206	3986	4726
-25°	357	411	489	595	732	945	1262	1631	2156	2636	3186
-27.5°	335	381	434	512	616	733	927	1143	1418	1647	2014
-30°	315	351	395	445	521	610	715	845	980	1115	1291
-32.5°	295	326	360	401	448	515	580	663	737	818	902
-35°	277	304	332	364	400	444	493	549	598	647	690
-37.5°	260	283	308	333	362	393	431	470	503	535	562
-40°	247	266	286	307	331	355	385	414	436	457	474
-42.5°	234	251	267	285	304	327	350	372	387	402	413
-45°	222	237	251	266	282	302	322	339	351	362	370
-47.5°	210	223	236	249	265	280	296	309	320	329	335
-50°	197	210	222	233	247	261	275	286	295	303	307
-52.5°	185	197	210	221	232	243	254	264	274	282	285
-55°	173	185	196	207	218	228	238	247	255	263	266
-57.5°	162	174	186	194	203	213	222	231	239	246	249
-60°	148	161	171	180	188	197	205	213	221	228	231
-62.5°	133	144	153	161	170	177	185	192	199	205	208
-65°	114	124	133	141	148	155	162	169	175	179	182
-67.5°	98	105	113	120	128	134	141	146	152	156	158
-70°	83	89	96	103	109	115	121	126	131	134	137
-72.5°	69	74	80	86	92	97	102	106	111	114	116
-75°	56	61	66	71	76	80	84	88	91	94	96
-77.5°	44	48	52	56	59	63	66	69	72	74	76
-80°	33	36	39	42	44	47	49	51	54	55	57
-82.5°	22	24	27	29	31	33	34	35	36	37	39
-85°	13	14	16	17	18	19	20	21	22	23	23
-87.5°	5	6	6	7	8	8	8	8	8	9	9
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626874 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-750-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	0
62.5°	3	2	2	2	2	2	3	3	3	3	3
60°	9	8	8	8	8	8	9	10	10	11	12
57.5°	39	42	43	44	43	42	39	35	32	30	30
55°	59	61	61	60	61	61	59	56	53	51	48
52.5°	76	77	76	75	76	77	76	75	73	69	64
50°	106	106	106	106	106	106	106	105	100	93	86
47.5°	136	138	138	137	138	138	136	134	129	120	111
45°	163	165	165	165	165	165	163	160	153	145	135
42.5°	191	193	193	194	193	193	191	188	180	169	157
40°	229	230	230	229	230	230	229	225	216	203	189
37.5°	292	297	299	304	299	297	292	284	271	253	236
35°	391	402	408	417	408	402	391	374	352	327	296
32.5°	540	562	574	585	574	562	540	508	464	417	371
30°	803	846	863	895	863	846	803	738	645	562	480
27.5°	1344	1446	1486	1570	1486	1446	1344	1182	961	824	653
25°	2265	2484	2605	2701	2605	2484	2265	1955	1615	1314	962
22.5°	3550	3872	4044	4171	4044	3872	3550	3066	2587	2084	1542
20°	5200	5625	5878	6062	5878	5625	5200	4555	3843	3107	2354
17.5°	7903	8571	8961	9296	8961	8571	7903	6724	5806	4837	3548
15°	11799	13140	14182	14763	14182	13140	11799	9957	8306	6846	5110
12.5°	15588	17553	18720	19257	18720	17553	15588	13302	10716	8501	6446
10°	19336	21188	22299	22495	22299	21188	19336	16632	13363	10228	7589
7.5°	22205	24242	25718	26254	25718	24242	22205	19637	15909	12245	8903
5°	24740	27125	28686	28884	28686	27125	24740	21664	17958	13752	9943
2.5°	26604	29196	30711	31231	30711	29196	26604	23187	19295	14674	10495
0°	27505	30298	31983	32741	31983	30298	27505	23953	19950	15106	10718
-2.5°	27316	30204	32084	33074	32084	30204	27316	23790	19690	14808	10582
-5°	26277	29174	30927	31978	30927	29174	26277	22632	18477	13898	10062
-7.5°	23882	26591	28457	29427	28457	26591	23882	20767	16472	12435	9291
-10°	20796	23088	24790	25617	24790	23088	20796	17535	14054	10759	8247
-12.5°	16785	19009	20544	21129	20544	19009	16785	14182	11319	9153	7196
-15°	12861	14558	15648	15993	15648	14558	12861	10994	9248	7589	5964
-17.5°	9753	10667	11280	11445	11280	10667	9753	8536	7360	6043	4725
-20°	7307	7873	8271	8365	8271	7873	7307	6489	5587	4513	3528

Classified

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

Scaled Data Report



REPORT NUMBER: P626874 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-750-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°	5324	5750	6071	6135	6071	5750	5324	4726	3986	3206	2457
-25°	3672	4028	4246	4263	4246	4028	3672	3186	2636	2156	1631
-27.5°	2302	2498	2599	2634	2599	2498	2302	2014	1647	1418	1143
-30°	1423	1513	1560	1562	1560	1513	1423	1291	1115	980	845
-32.5°	966	1009	1033	1033	1033	1009	966	902	818	737	663
-35°	724	746	759	760	759	746	724	690	647	598	549
-37.5°	582	594	601	602	601	594	582	562	535	503	470
-40°	487	495	500	504	500	495	487	474	457	436	414
-42.5°	421	426	429	427	429	426	421	413	402	387	372
-45°	375	378	380	381	380	378	375	370	362	351	339
-47.5°	338	340	341	342	341	340	338	335	329	320	309
-50°	309	311	311	310	311	311	309	307	303	295	286
-52.5°	286	287	287	287	287	287	286	285	282	274	264
-55°	267	268	268	269	268	268	267	266	263	255	247
-57.5°	251	253	253	252	253	253	251	249	246	239	231
-60°	234	236	237	237	237	236	234	231	228	221	213
-62.5°	211	213	214	215	214	213	211	208	205	199	192
-65°	184	186	189	192	189	186	184	182	179	175	169
-67.5°	160	162	164	167	164	162	160	158	156	152	146
-70°	139	141	141	142	141	141	139	137	134	131	126
-72.5°	118	120	121	121	121	120	118	116	114	111	106
-75°	98	99	100	100	100	99	98	96	94	91	88
-77.5°	77	79	79	79	79	79	77	76	74	72	69
-80°	59	60	59	58	59	60	59	57	55	54	51
-82.5°	40	41	41	40	41	41	40	39	37	36	35
-85°	24	25	24	23	24	25	24	23	23	22	21
-87.5°	10	10	9	8	9	10	10	9	9	8	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626874 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-750-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	0	0	0	0	0	0	0	0	0	0
62.5°	3	3	2	2	2	1	1	1	1	0	0
60°	10	7	9	10	8	5	5	4	2	2	2
57.5°	30	29	25	22	21	18	15	12	10	7	4
55°	46	43	39	35	30	28	26	22	18	14	10
52.5°	58	56	53	47	43	40	35	31	28	24	18
50°	80	76	71	66	60	54	49	43	37	33	28
47.5°	103	98	93	87	79	71	65	58	50	42	37
45°	125	117	111	104	96	87	80	71	63	54	46
42.5°	147	136	125	119	110	101	92	85	75	65	56
40°	175	158	147	139	129	116	107	98	88	77	68
37.5°	213	190	176	165	154	139	125	114	102	90	79
35°	265	236	211	194	182	163	147	132	119	105	91
32.5°	322	286	250	224	204	185	167	151	134	120	105
30°	404	346	296	255	229	206	185	167	149	133	119
27.5°	534	427	358	296	254	227	205	183	163	146	130
25°	748	561	440	354	288	251	226	200	177	158	141
22.5°	1077	786	568	425	342	290	251	218	191	172	153
20°	1649	1097	762	557	424	336	282	242	212	188	166
17.5°	2541	1718	1014	724	535	408	324	270	233	203	179
15°	3568	2418	1512	965	660	468	362	297	254	219	191
12.5°	4607	3141	1944	1162	766	536	406	329	276	234	201
10°	5430	3787	2394	1446	901	604	445	352	290	245	210
7.5°	6277	4318	2773	1659	1014	661	475	371	303	255	218
5°	6895	4748	3096	1826	1102	706	499	387	312	262	224
2.5°	7318	5042	3314	1928	1161	737	517	398	321	268	228
0°	7514	5181	3415	2001	1193	756	531	406	329	271	231
-2.5°	7468	5173	3354	1976	1195	766	536	408	331	274	234
-5°	7169	4987	3244	1924	1165	761	538	409	332	276	235
-7.5°	6751	4660	2999	1795	1104	740	534	408	331	277	236
-10°	6101	4148	2661	1620	1021	705	519	402	328	276	235
-12.5°	5299	3570	2264	1358	907	652	493	389	321	272	233
-15°	4363	2962	1895	1199	814	597	462	372	313	266	230
-17.5°	3438	2318	1455	987	718	550	439	360	304	260	226
-20°	2527	1685	1174	834	625	494	409	344	294	254	223

Classified

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

Scaled Data Report



REPORT NUMBER: P626874 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-750-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°	1752	1272	913	684	552	454	382	326	281	248	219
-25°	1262	945	732	595	489	411	357	311	272	241	213
-27.5°	927	733	616	512	434	381	335	295	262	233	208
-30°	715	610	521	445	395	351	315	281	251	224	201
-32.5°	580	515	448	401	360	326	295	267	239	216	194
-35°	493	444	400	364	332	304	277	252	229	207	186
-37.5°	431	393	362	333	308	283	260	239	218	197	178
-40°	385	355	331	307	286	266	247	227	207	187	169
-42.5°	350	327	304	285	267	251	234	216	197	178	162
-45°	322	302	282	266	251	237	222	205	187	171	155
-47.5°	296	280	265	249	236	223	210	194	178	163	146
-50°	275	261	247	233	222	210	197	184	169	153	138
-52.5°	254	243	232	221	210	197	185	172	157	144	131
-55°	238	228	218	207	196	185	173	160	147	135	122
-57.5°	222	213	203	194	186	174	162	149	137	124	111
-60°	205	197	188	180	171	161	148	136	125	113	101
-62.5°	185	177	170	161	153	144	133	122	112	101	90
-65°	162	155	148	141	133	124	114	106	98	90	80
-67.5°	141	134	128	120	113	105	98	91	84	76	67
-70°	121	115	109	103	96	89	83	76	69	63	56
-72.5°	102	97	92	86	80	74	69	63	57	51	45
-75°	84	80	76	71	66	61	56	51	46	42	37
-77.5°	66	63	59	56	52	48	44	40	37	33	29
-80°	49	47	44	42	39	36	33	30	27	24	21
-82.5°	34	33	31	29	27	24	22	20	18	16	14
-85°	20	19	18	17	16	14	13	11	10	9	8
-87.5°	8	8	8	7	6	6	5	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: P626874 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-750-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°	1	1	0	1	0	0	0	1	0	0	0
57.5°	3	2	1	1	1	0	0	1	1	0	0
55°	7	5	3	2	2	1	1	1	1	1	0
52.5°	13	9	6	3	2	2	1	1	1	2	1
50°	22	15	10	7	3	2	2	1	2	2	1
47.5°	32	23	16	11	6	3	3	2	2	2	2
45°	40	33	23	16	10	6	4	2	2	2	2
42.5°	48	41	32	21	15	9	5	3	2	2	2
40°	59	50	41	29	20	12	8	5	2	2	2
37.5°	69	59	49	37	26	17	11	7	3	3	2
35°	80	69	56	45	32	22	13	9	5	3	2
32.5°	90	78	64	51	39	27	17	11	7	4	2
30°	102	86	72	58	44	32	21	14	9	5	2
27.5°	113	94	79	65	50	37	26	17	11	6	3
25°	124	104	86	71	56	42	30	20	13	7	4
22.5°	134	113	93	76	62	47	35	23	15	9	4
20°	145	122	100	83	68	52	39	27	17	10	5
17.5°	155	132	109	90	74	58	43	30	20	11	6
15°	165	141	117	98	80	62	46	33	22	13	7
12.5°	174	149	125	104	85	66	50	36	24	14	8
10°	182	156	131	110	91	70	53	38	26	15	9
7.5°	189	162	137	115	95	74	56	40	28	16	10
5°	194	167	142	119	99	78	58	42	30	17	11
2.5°	197	171	145	122	102	81	61	44	32	18	12
0°	200	173	148	125	104	83	62	46	33	19	12
-2.5°	202	175	151	128	106	86	64	47	34	21	13
-5°	203	176	153	129	108	88	66	48	35	22	13
-7.5°	204	178	154	131	110	90	67	49	36	24	13
-10°	205	179	155	132	111	91	68	50	37	25	13
-12.5°	204	179	156	133	111	91	69	51	37	25	13
-15°	202	179	156	132	111	91	70	52	38	26	13
-17.5°	200	178	154	131	111	91	70	52	38	25	14
-20°	198	176	153	129	110	90	70	52	38	25	14

Classified

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

Scaled Data Report



REPORT NUMBER: P626874 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-750-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°	195	172	150	127	108	90	70	51	38	24	15
-25°	191	168	147	126	107	88	69	50	37	24	15
-27.5°	186	164	143	124	105	87	67	49	36	23	16
-30°	180	159	140	121	102	84	64	47	34	23	16
-32.5°	173	155	136	117	99	81	61	45	33	23	15
-35°	167	150	132	113	95	78	59	43	32	22	15
-37.5°	160	144	126	108	92	74	57	42	31	22	15
-40°	154	138	120	103	87	70	55	41	30	21	14
-42.5°	147	130	114	99	83	67	52	39	29	20	14
-45°	139	123	109	94	78	64	50	38	27	20	13
-47.5°	131	118	103	88	74	60	47	36	26	19	13
-50°	125	111	96	82	70	57	44	33	24	18	12
-52.5°	118	103	89	76	64	53	41	30	23	17	11
-55°	108	95	82	70	59	48	37	28	21	15	10
-57.5°	99	85	75	64	53	42	33	26	19	14	9
-60°	89	78	68	57	47	37	30	23	17	12	8
-62.5°	80	70	60	50	41	33	26	21	15	11	7
-65°	70	60	51	43	35	29	23	18	14	10	7
-67.5°	59	51	44	36	30	25	20	16	12	8	6
-70°	49	42	36	30	25	20	17	14	10	7	5
-72.5°	40	35	29	24	21	17	14	11	9	6	5
-75°	32	27	23	20	17	14	12	9	7	5	4
-77.5°	25	21	18	16	13	11	9	7	5	4	3
-80°	18	16	14	12	10	8	6	5	4	3	3
-82.5°	12	11	10	9	7	6	4	3	3	2	2
-85°	7	6	6	5	4	3	2	2	2	1	1
-87.5°	3	3	3	2	2	2	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: P626874 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-750-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°	0	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	1	0	0	0	0	0	0
45°	1	1	0	0	0	0	0
42.5°	1	1	0	0	0	0	0
40°	2	1	0	0	0	0	0
37.5°	2	1	0	0	0	0	0
35°	2	2	1	0	0	0	0
32.5°	2	2	1	0	0	0	0
30°	2	2	1	0	0	0	0
27.5°	2	2	1	0	0	0	0
25°	2	2	1	0	0	0	0
22.5°	2	2	1	0	0	0	0
20°	2	2	2	0	0	0	0
17.5°	2	2	2	0	0	0	0
15°	2	2	2	0	0	0	0
12.5°	3	2	2	0	0	0	0
10°	3	2	2	0	0	0	0
7.5°	3	2	2	0	0	0	0
5°	4	2	2	0	0	0	0
2.5°	4	2	2	0	0	0	0
0°	4	2	2	0	0	0	0
-2.5°	5	2	2	0	0	0	0
-5°	6	3	2	0	0	0	0
-7.5°	6	3	2	0	0	0	0
-10°	7	3	2	1	0	0	0
-12.5°	8	3	2	1	0	0	0
-15°	8	3	2	1	0	0	0
-17.5°	8	3	2	1	0	0	0
-20°	8	3	2	1	0	0	0

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CATALOG NUMBER: GFLD-SA2B-750-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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