

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: P627054 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-750-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627054 (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-SA2E-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: 15350.5 lumens  
Efficiency: N/A  
Efficacy: 122.1 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 54123.2 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 7675.4 lumens  
Beam Efficiency: 50.0%

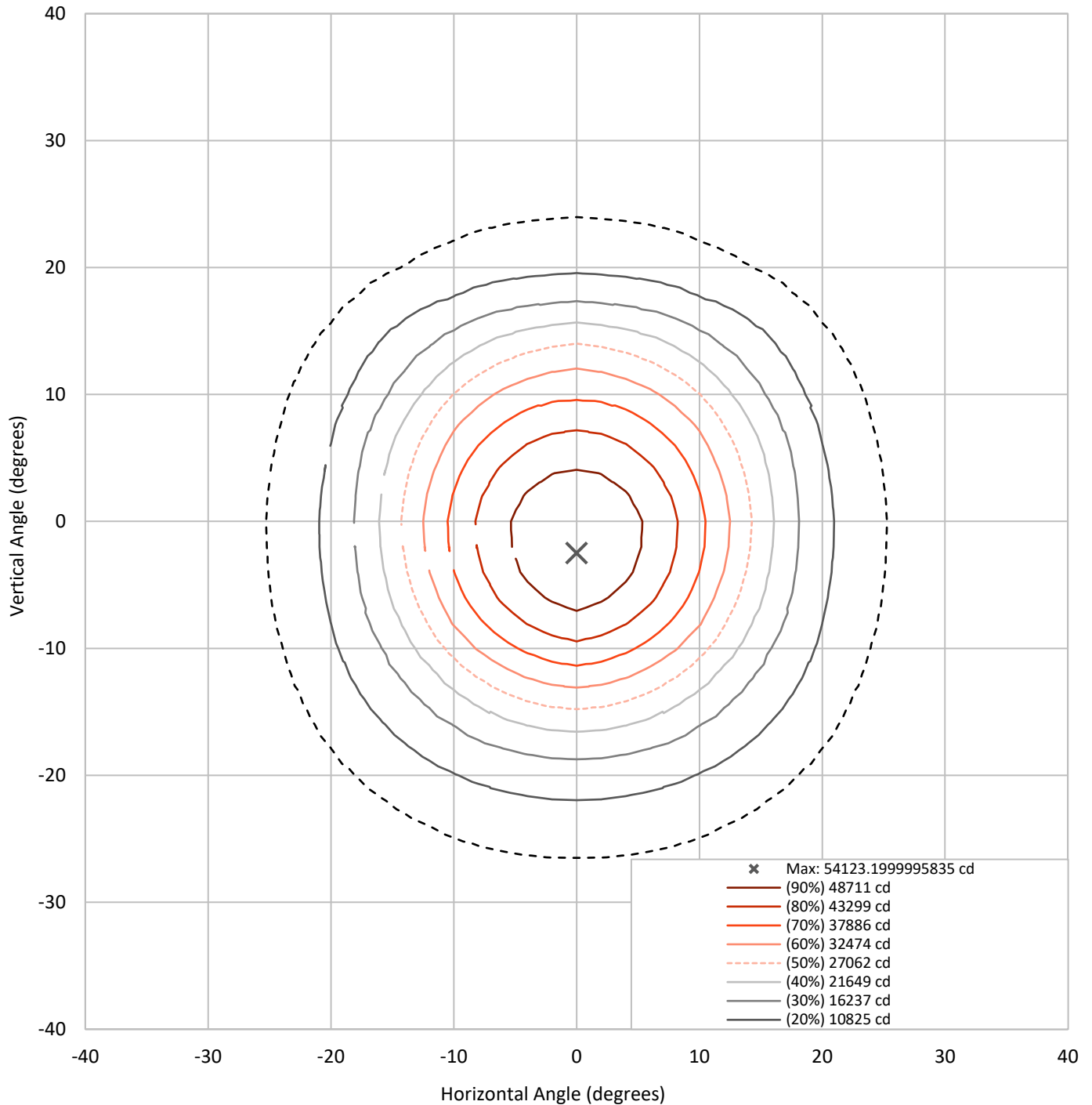
Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 13189 lumens  
Field Efficiency: 85.9%

Input Watts (W): 125.7  
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



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### Iso-Candela Plot





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### Lumen Table

90																			
80	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	0.0				
70	0.0	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			
60		0.0	0.1	0.4	1.0	1.8	2.4	2.9	2.9	2.4	1.8	1.0	0.4	0.1	0.0				
50	0.0	0.1	0.5	1.7	3.2	5.0	7.0	8.2	8.2	7.0	5.0	3.2	1.7	0.5	0.1	0.0			
40		0.2	1.3	3.3	6.0	9.9	16.6	22.1	22.1	16.6	9.9	6.0	3.3	1.3	0.2				
30	0.1	0.5	2.1	5.0	9.5	23.2	72.8	133.6	133.6	72.8	23.2	9.5	5.0	2.1	0.5	0.1			
20		0.8	2.9	6.8	16.3	80.0	325.1	636.5	636.5	325.1	80.0	16.3	6.8	2.9	0.8				
10	0.2	1.0	3.5	8.1	23.4	152.4	656.4	1286.6	1286.6	656.4	152.4	23.4	8.1	3.5	1.0	0.2			
0		1.1	3.8	8.6	25.0	159.6	673.5	1364.2	1364.2	673.5	159.6	25.0	8.6	3.8	1.1				
-10	0.3	1.2	3.8	8.4	20.6	98.0	372.5	722.0	722.0	372.5	98.0	20.6	8.4	3.8	1.2	0.3			
-20		1.1	3.7	7.6	15.1	38.1	115.3	205.8	205.8	115.3	38.1	15.1	7.6	3.7	1.1				
-30	0.3	1.0	3.3	6.6	11.4	18.8	30.7	41.0	41.0	30.7	18.8	11.4	6.6	3.3	1.0	0.3			
-40		0.8	2.7	5.5	9.0	12.9	17.0	19.1	19.1	17.0	12.9	9.0	5.5	2.7	0.8				
-50	0.2	0.6	2.0	4.3	7.1	9.8	12.3	13.4	13.4	12.3	9.8	7.1	4.3	2.0	0.6	0.2			
-60		0.4	1.3	2.8	4.7	6.7	8.4	9.3	9.3	8.4	6.7	4.7	2.8	1.3	0.4				
-70	0.1	1.0		4.5		9.8		12.4		9.8		4.5		1.0		0.1			
-80		1.0		4.5		9.8		12.4		9.8		4.5		1.0					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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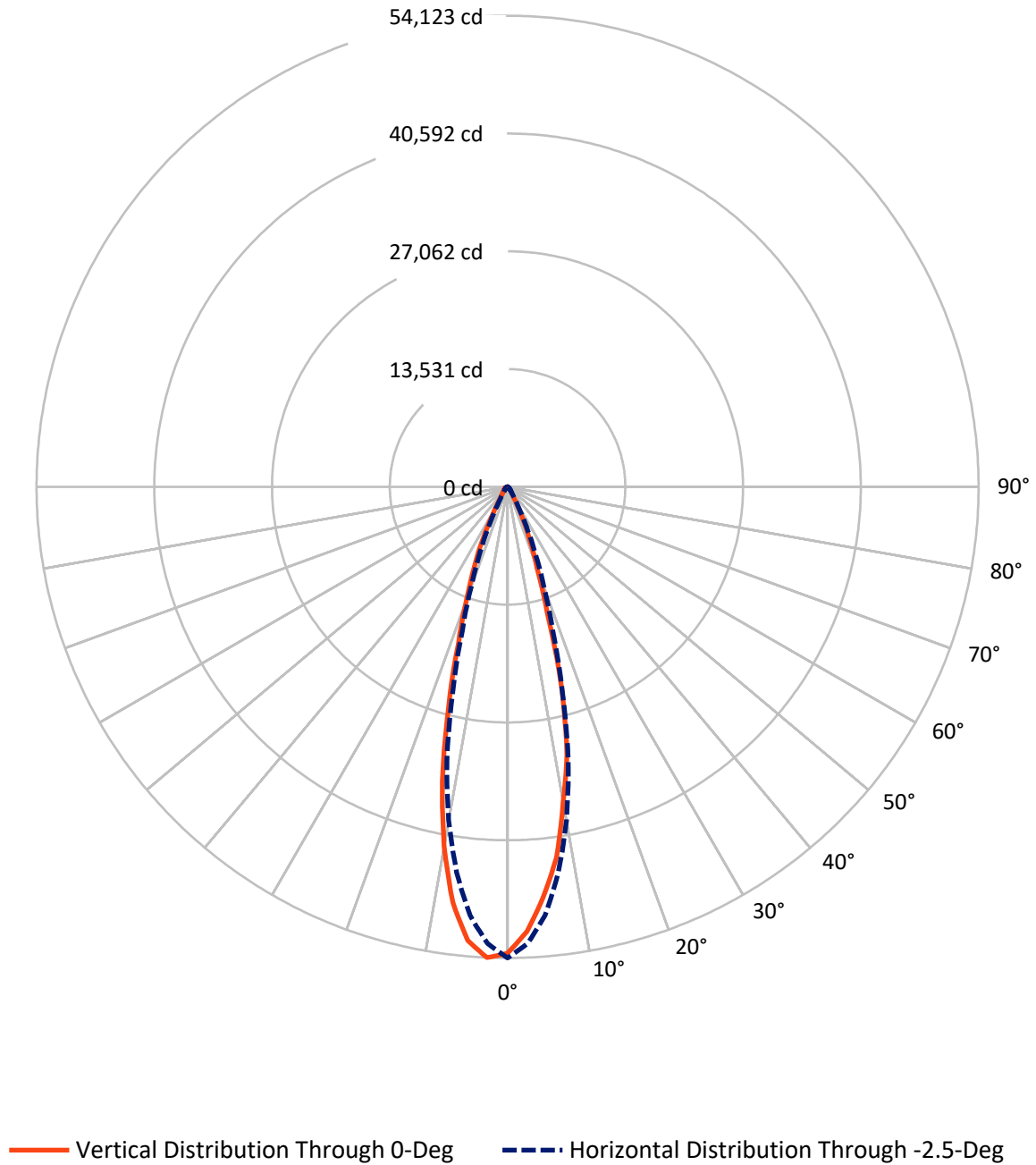
Scaled Data Report



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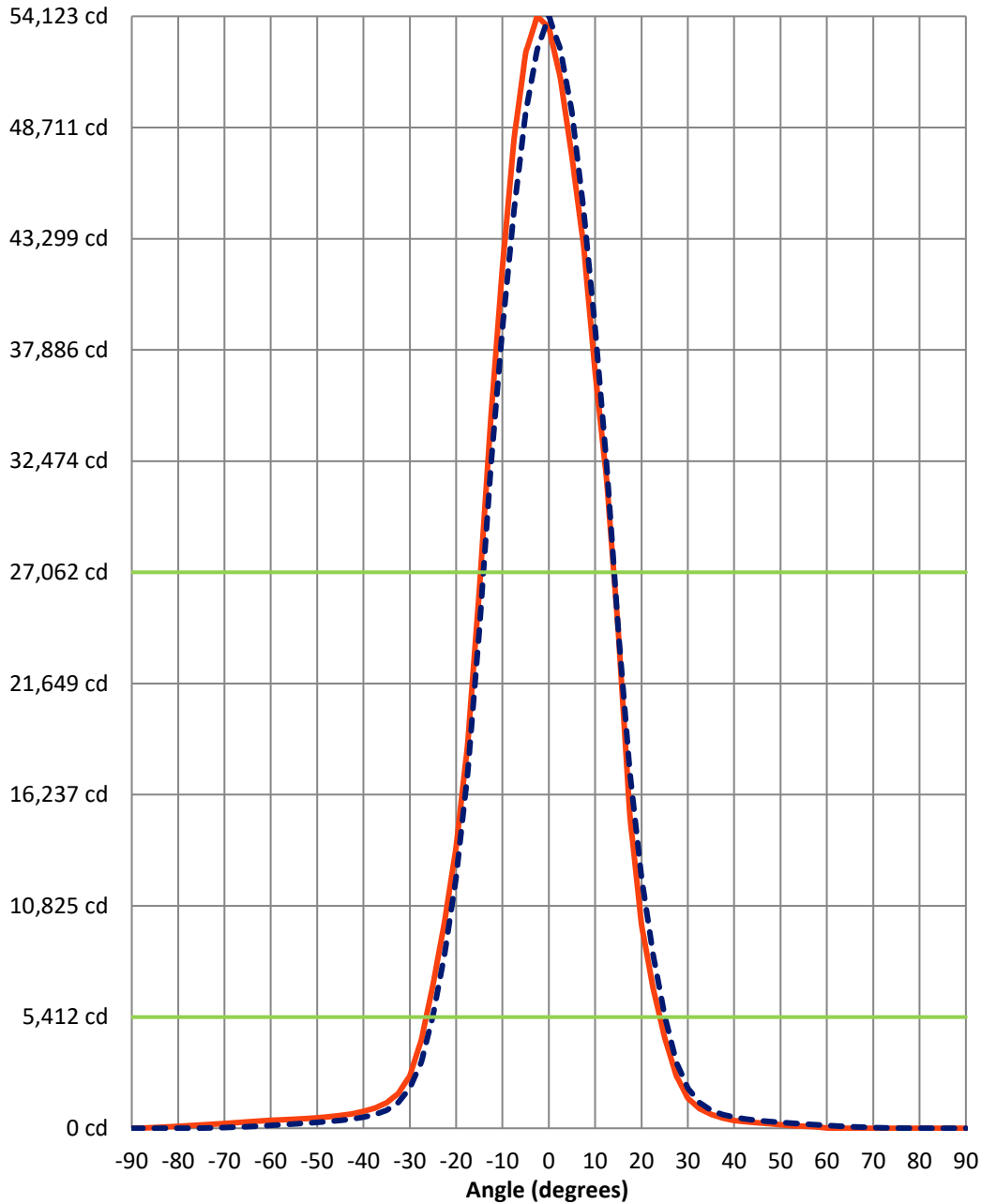
CATALOG NUMBER: GFLD-SA2E-750-U-MR-VSR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 7675.4  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 13189  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 2161.6  
 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	1	1
55°	0	0	0	0	0	0	0	0	2	2	1
52.5°	0	0	0	0	0	0	1	1	2	2	2
50°	0	0	0	0	0	0	1	2	3	3	2
47.5°	0	0	0	0	0	1	1	3	3	3	3
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	3	3	4	3	8
37.5°	0	0	0	0	1	2	3	3	4	5	11
35°	0	0	0	0	1	3	3	3	5	8	15
32.5°	0	0	0	0	1	3	3	3	6	11	19
30°	0	0	0	0	2	3	3	4	8	14	23
27.5°	0	0	0	0	2	3	3	5	10	17	27
25°	0	0	0	0	2	3	3	6	12	21	32
22.5°	0	0	0	0	2	3	3	7	14	24	38
20°	0	0	0	0	3	3	3	9	17	28	44
17.5°	0	0	0	0	3	3	4	10	19	32	49
15°	0	0	0	0	3	3	4	11	21	36	54
12.5°	0	0	0	0	3	3	4	13	23	39	58
10°	0	0	0	0	3	3	5	15	24	43	62
7.5°	0	0	0	0	3	3	5	16	26	46	66
5°	0	0	0	0	3	3	6	18	28	49	69
2.5°	0	0	0	0	3	3	6	19	29	52	72
0°	0	0	0	0	3	3	7	20	31	54	75
-2.5°	0	0	0	0	3	4	8	21	34	56	77
-5°	0	0	0	0	3	4	9	21	36	58	79
-7.5°	0	0	0	1	3	4	11	21	39	59	80
-10°	0	0	0	1	3	5	12	22	40	60	81
-12.5°	0	0	0	1	3	5	12	22	42	61	83
-15°	0	0	0	1	3	5	13	22	42	62	85
-17.5°	0	0	0	1	3	5	13	23	41	62	85
-20°	0	0	0	1	3	5	14	24	41	62	85

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**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	3	5	14	25	40	61	84
-25°	0	0	0	2	3	6	14	25	39	60	82
-27.5°	0	0	0	2	3	6	14	25	38	58	80
-30°	0	0	0	2	3	7	14	25	37	56	78
-32.5°	0	0	0	1	4	7	14	25	37	54	74
-35°	0	0	0	1	4	7	14	25	37	52	71
-37.5°	0	0	0	1	4	7	14	24	36	50	69
-40°	0	0	0	1	4	7	14	23	35	48	67
-42.5°	0	0	0	1	4	7	13	22	33	47	65
-45°	0	0	0	1	4	7	13	22	32	45	61
-47.5°	0	0	0	0	4	7	12	21	31	42	58
-50°	0	0	0	0	4	7	12	19	29	40	54
-52.5°	0	0	0	1	3	7	11	18	27	38	50
-55°	0	0	0	1	3	6	11	16	25	35	46
-57.5°	0	0	0	1	3	6	10	15	22	32	42
-60°	0	0	0	1	2	6	9	14	20	28	38
-62.5°	0	0	0	1	2	5	8	12	18	25	34
-65°	0	0	0	1	2	5	8	11	16	22	29
-67.5°	0	0	0	1	2	4	7	10	14	20	26
-70°	0	0	0	1	2	4	6	9	12	17	22
-72.5°	0	0	0	1	2	4	6	8	10	14	19
-75°	0	0	0	1	2	3	5	7	8	11	15
-77.5°	0	0	0	1	1	3	4	5	7	9	11
-80°	0	0	0	0	1	2	3	4	5	6	8
-82.5°	0	0	0	0	1	2	3	3	4	4	5
-85°	0	0	0	0	1	1	2	2	2	3	3
-87.5°	0	0	0	0	0	1	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA2E-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	1	1	0	1	1
60°	0	0	0	1	1	2	2	3	3	3	7
57.5°	0	1	2	2	2	4	6	6	11	16	19
55°	1	2	3	3	5	8	11	17	23	30	36
52.5°	2	3	3	5	10	15	22	30	39	46	51
50°	3	4	4	11	17	25	35	46	54	61	70
47.5°	5	5	10	17	26	38	52	61	69	81	95
45°	6	10	17	26	38	54	66	75	88	102	117
42.5°	9	15	24	34	52	68	79	92	106	123	138
40°	13	20	33	48	67	81	96	111	125	144	161
37.5°	18	28	42	61	80	96	113	130	148	168	187
35°	22	36	53	73	92	112	131	150	172	194	216
32.5°	27	44	63	84	105	127	148	172	196	220	247
30°	35	53	73	95	117	141	167	194	217	244	273
27.5°	43	61	82	106	129	154	186	213	238	267	299
25°	50	69	92	115	141	170	203	231	258	290	328
22.5°	57	77	102	124	152	186	220	251	282	313	357
20°	63	86	112	136	163	201	237	272	307	347	396
17.5°	70	94	121	148	178	215	253	292	332	381	442
15°	76	102	130	160	192	230	270	313	359	416	486
12.5°	82	109	140	170	204	243	285	329	383	451	538
10°	87	115	148	180	215	255	298	344	401	475	577
7.5°	91	121	156	189	224	266	309	357	417	495	608
5°	96	127	162	195	232	274	317	367	429	511	633
2.5°	99	132	167	200	237	279	323	374	438	526	652
0°	102	136	170	204	242	283	327	378	443	538	664
-2.5°	105	141	174	209	247	286	331	382	449	542	668
-5°	108	144	177	212	250	289	333	384	452	543	669
-7.5°	110	147	179	214	252	291	335	386	453	542	669
-10°	111	148	181	216	254	293	335	385	451	536	658
-12.5°	113	149	182	217	255	293	334	382	445	525	636
-15°	114	149	182	217	255	293	331	376	435	512	609
-17.5°	115	148	181	215	253	291	327	370	425	498	590
-20°	115	148	180	212	250	288	324	366	417	481	563

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CATALOG NUMBER: GFLD-SA2E-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°	114	147	177	209	245	282	319	358	405	460	534
-25°	112	145	175	206	240	276	312	349	394	445	508
-27.5°	109	142	172	202	234	268	304	340	381	428	482
-30°	105	138	168	198	229	261	294	330	366	411	460
-32.5°	100	133	162	192	223	254	283	318	354	391	436
-35°	96	127	156	185	216	245	274	304	339	374	412
-37.5°	93	121	150	177	206	236	262	291	322	357	391
-40°	89	114	143	169	196	225	252	277	305	339	372
-42.5°	85	110	135	162	187	213	241	265	291	322	353
-45°	82	104	128	153	178	202	227	253	279	306	335
-47.5°	77	99	122	144	169	193	215	240	266	292	318
-50°	72	93	114	135	158	182	205	226	250	276	301
-52.5°	66	86	105	125	146	169	192	214	235	257	281
-55°	60	78	96	115	134	155	177	199	221	241	262
-57.5°	54	69	87	105	122	140	161	182	203	224	244
-60°	49	61	76	94	111	127	145	165	185	204	223
-62.5°	43	54	67	81	98	114	131	148	166	183	199
-65°	38	47	58	70	84	99	114	131	147	160	173
-67.5°	32	40	49	59	71	83	96	110	125	137	149
-70°	28	34	41	49	59	69	80	91	103	114	125
-72.5°	23	28	34	39	47	56	65	74	84	94	103
-75°	19	23	27	32	38	45	53	61	68	76	84
-77.5°	15	18	22	25	30	35	41	47	54	60	66
-80°	10	13	16	20	23	26	30	34	39	43	49
-82.5°	7	9	12	14	16	18	20	22	26	29	33
-85°	4	5	7	8	9	10	11	12	14	17	19
-87.5°	2	3	3	4	4	4	5	5	6	7	7
-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	1	3	4	4	4	4	5	5	5	5
60°	9	8	13	16	15	12	17	19	18	16	16
57.5°	24	30	34	36	40	47	50	49	49	52	58
55°	42	46	50	57	64	70	75	79	83	87	92
52.5°	57	65	70	78	87	92	95	104	112	119	123
50°	81	89	98	108	117	125	131	141	152	164	171
47.5°	106	117	129	142	152	160	169	182	197	211	219
45°	130	142	157	170	181	192	205	221	237	251	261
42.5°	151	165	180	195	205	222	241	257	276	294	308
40°	176	189	211	227	240	258	286	309	332	354	368
37.5°	205	228	252	271	289	311	349	385	415	444	464
35°	240	267	297	318	345	387	433	484	535	576	612
32.5°	273	303	334	367	408	468	526	607	683	760	832
30°	303	337	374	417	484	566	662	786	920	1055	1208
27.5°	335	372	416	484	586	698	874	1069	1348	1573	1935
25°	369	411	471	580	720	918	1224	1573	2151	2644	3199
22.5°	411	475	560	696	930	1286	1763	2524	3410	4233	5018
20°	462	549	694	911	1247	1794	2699	3853	5085	6289	7454
17.5°	530	668	876	1184	1659	2811	4158	5806	7916	9501	11004
15°	592	767	1080	1580	2474	3957	5838	8362	11203	13591	16293
12.5°	665	876	1254	1902	3181	5140	7538	10549	13911	17536	21768
10°	729	988	1475	2367	3918	6198	8886	12419	16737	21867	27216
7.5°	778	1082	1659	2715	4538	7065	10272	14569	20038	26034	32134
5°	816	1155	1803	2988	5066	7770	11283	16270	22504	29386	35452
2.5°	846	1206	1899	3156	5423	8251	11975	17175	24013	31575	37944
0°	869	1237	1953	3275	5589	8479	12295	17540	24720	32647	39197
-2.5°	877	1253	1955	3234	5488	8465	12221	17316	24233	32221	38931
-5°	880	1245	1906	3148	5309	8161	11731	16465	22743	30236	37036
-7.5°	873	1212	1806	2937	4908	7625	11048	15203	20349	26956	33983
-10°	850	1154	1671	2651	4355	6789	9984	13495	17606	22999	28694
-12.5°	807	1067	1484	2222	3704	5842	8672	11776	14979	18523	23208
-15°	756	978	1331	1962	3102	4848	7139	9760	12419	15133	17991
-17.5°	718	900	1175	1615	2381	3793	5626	7732	9889	12045	13969
-20°	669	808	1022	1365	1921	2757	4135	5774	7386	9143	10618

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627054 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	625	743	904	1120	1494	2082	2868	4021	5246	6523	7734
-25°	584	673	800	974	1197	1547	2066	2669	3529	4314	5213
-27.5°	549	624	710	838	1008	1199	1518	1870	2321	2695	3295
-30°	515	575	646	729	853	999	1170	1383	1604	1825	2112
-32.5°	484	534	590	656	733	842	949	1086	1206	1339	1476
-35°	453	497	543	596	655	727	807	898	978	1058	1130
-37.5°	426	463	504	545	593	643	706	769	823	876	920
-40°	404	435	468	503	541	581	630	677	714	747	776
-42.5°	383	411	437	466	498	535	573	609	634	657	676
-45°	364	388	412	436	461	494	526	554	574	592	605
-47.5°	343	364	386	408	433	459	485	506	523	538	549
-50°	323	344	363	382	404	427	449	467	483	496	503
-52.5°	303	323	343	362	380	398	415	432	448	462	467
-55°	283	303	321	339	356	373	389	404	418	431	435
-57.5°	265	285	304	318	333	348	363	378	391	403	407
-60°	243	263	280	294	308	323	336	349	362	374	379
-62.5°	217	236	251	264	277	290	302	314	326	335	341
-65°	187	203	218	231	243	254	265	276	286	293	298
-67.5°	161	172	185	197	209	220	230	239	248	255	259
-70°	136	146	157	168	179	188	197	206	214	219	224
-72.5°	112	122	132	141	151	159	167	174	181	186	190
-75°	91	99	108	116	124	131	137	143	149	153	157
-77.5°	73	79	85	91	97	103	108	113	117	121	124
-80°	54	59	63	68	72	76	80	84	88	91	93
-82.5°	36	40	44	47	51	53	55	57	59	61	64
-85°	21	23	26	28	30	32	33	34	36	37	38
-87.5°	8	9	10	11	12	13	13	13	13	14	15
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627054 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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	1
62.5°	4	3	3	3	3	3	4	5	5	5	5
60°	15	14	13	14	13	14	15	16	16	18	19
57.5°	64	68	71	72	71	68	64	58	52	49	49
55°	97	100	100	99	100	100	97	92	87	83	79
52.5°	125	125	124	123	124	125	125	123	119	112	104
50°	173	173	173	174	173	173	173	171	164	152	141
47.5°	223	225	226	225	226	225	223	219	211	197	182
45°	266	270	271	269	271	270	266	261	251	237	221
42.5°	313	315	316	317	316	315	313	308	294	276	257
40°	374	376	376	375	376	376	374	368	354	332	309
37.5°	478	485	489	498	489	485	478	464	444	415	385
35°	640	658	667	682	667	658	640	612	576	535	484
32.5°	884	920	939	958	939	920	884	832	760	683	607
30°	1314	1385	1413	1465	1413	1385	1314	1208	1055	920	786
27.5°	2200	2367	2432	2570	2432	2367	2200	1935	1573	1348	1069
25°	3706	4065	4263	4420	4263	4065	3706	3199	2644	2151	1573
22.5°	5810	6337	6618	6826	6618	6337	5810	5018	4233	3410	2524
20°	8510	9205	9619	9920	9619	9205	8510	7454	6289	5085	3853
17.5°	12933	14025	14664	15213	14664	14025	12933	11004	9501	7916	5806
15°	19308	21502	23208	24158	23208	21502	19308	16293	13591	11203	8362
12.5°	25509	28724	30634	31512	30634	28724	25509	21768	17536	13911	10549
10°	31642	34673	36490	36811	36490	34673	31642	27216	21867	16737	12419
7.5°	36337	39671	42085	42963	42085	39671	36337	32134	26034	20038	14569
5°	40484	44388	46943	47267	46943	44388	40484	35452	29386	22504	16270
2.5°	43535	47778	50256	51107	50256	47778	43535	37944	31575	24013	17175
0°	45011	49581	52337	53578	52337	49581	45011	39197	32647	24720	17540
-2.5°	44700	49427	52504	54123	52504	49427	44700	38931	32221	24233	17316
-5°	43001	47741	50610	52331	50610	47741	43001	37036	30236	22743	16465
-7.5°	39081	43514	46569	48156	46569	43514	39081	33983	26956	20349	15203
-10°	34031	37783	40567	41920	40567	37783	34031	28694	22999	17606	13495
-12.5°	27468	31107	33619	34576	33619	31107	27468	23208	18523	14979	11776
-15°	21046	23823	25607	26172	25607	23823	21046	17991	15133	12419	9760
-17.5°	15960	17455	18459	18730	18459	17455	15960	13969	12045	9889	7732
-20°	11957	12884	13535	13689	13535	12884	11957	10618	9143	7386	5774

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REPORT NUMBER: P627054 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	8712	9409	9935	10040	9935	9409	8712	7734	6523	5246	4021
-25°	6010	6592	6949	6976	6949	6592	6010	5213	4314	3529	2669
-27.5°	3768	4088	4253	4311	4253	4088	3768	3295	2695	2321	1870
-30°	2328	2476	2553	2556	2553	2476	2328	2112	1825	1604	1383
-32.5°	1580	1652	1691	1690	1691	1652	1580	1476	1339	1206	1086
-35°	1184	1221	1242	1244	1242	1221	1184	1130	1058	978	898
-37.5°	952	972	983	985	983	972	952	920	876	823	769
-40°	796	810	819	825	819	810	796	776	747	714	677
-42.5°	688	698	702	699	702	698	688	676	657	634	609
-45°	613	619	622	624	622	619	613	605	592	574	554
-47.5°	554	556	558	559	558	556	554	549	538	523	506
-50°	506	509	509	508	509	509	506	503	496	483	467
-52.5°	468	469	470	470	470	469	468	467	462	448	432
-55°	437	438	439	440	439	438	437	435	431	418	404
-57.5°	411	414	414	412	414	414	411	407	403	391	378
-60°	383	386	388	389	388	386	383	379	374	362	349
-62.5°	345	349	351	351	351	349	345	341	335	326	314
-65°	302	305	309	313	309	305	302	298	293	286	276
-67.5°	262	264	269	273	269	264	262	259	255	248	239
-70°	227	230	231	232	231	230	227	224	219	214	206
-72.5°	194	197	197	198	197	197	194	190	186	181	174
-75°	160	163	163	164	163	163	160	157	153	149	143
-77.5°	126	129	129	130	129	129	126	124	121	117	113
-80°	96	98	97	95	97	98	96	93	91	88	84
-82.5°	66	68	66	65	66	68	66	64	61	59	57
-85°	40	41	39	38	39	41	40	38	37	36	34
-87.5°	16	17	15	14	15	17	16	15	14	13	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627054 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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	1	0	0	0	0	0	0	0	0	0
62.5°	4	4	4	4	3	1	1	1	1	0	1
60°	17	12	15	16	13	8	9	7	3	3	3
57.5°	50	47	40	36	34	30	24	19	16	11	6
55°	75	70	64	57	50	46	42	36	30	23	17
52.5°	95	92	87	78	70	65	57	51	46	39	30
50°	131	125	117	108	98	89	81	70	61	54	46
47.5°	169	160	152	142	129	117	106	95	81	69	61
45°	205	192	181	170	157	142	130	117	102	88	75
42.5°	241	222	205	195	180	165	151	138	123	106	92
40°	286	258	240	227	211	189	176	161	144	125	111
37.5°	349	311	289	271	252	228	205	187	168	148	130
35°	433	387	345	318	297	267	240	216	194	172	150
32.5°	526	468	408	367	334	303	273	247	220	196	172
30°	662	566	484	417	374	337	303	273	244	217	194
27.5°	874	698	586	484	416	372	335	299	267	238	213
25°	1224	918	720	580	471	411	369	328	290	258	231
22.5°	1763	1286	930	696	560	475	411	357	313	282	251
20°	2699	1794	1247	911	694	549	462	396	347	307	272
17.5°	4158	2811	1659	1184	876	668	530	442	381	332	292
15°	5838	3957	2474	1580	1080	767	592	486	416	359	313
12.5°	7538	5140	3181	1902	1254	876	665	538	451	383	329
10°	8886	6198	3918	2367	1475	988	729	577	475	401	344
7.5°	10272	7065	4538	2715	1659	1082	778	608	495	417	357
5°	11283	7770	5066	2988	1803	1155	816	633	511	429	367
2.5°	11975	8251	5423	3156	1899	1206	846	652	526	438	374
0°	12295	8479	5589	3275	1953	1237	869	664	538	443	378
-2.5°	12221	8465	5488	3234	1955	1253	877	668	542	449	382
-5°	11731	8161	5309	3148	1906	1245	880	669	543	452	384
-7.5°	11048	7625	4908	2937	1806	1212	873	669	542	453	386
-10°	9984	6789	4355	2651	1671	1154	850	658	536	451	385
-12.5°	8672	5842	3704	2222	1484	1067	807	636	525	445	382
-15°	7139	4848	3102	1962	1331	978	756	609	512	435	376
-17.5°	5626	3793	2381	1615	1175	900	718	590	498	425	370
-20°	4135	2757	1921	1365	1022	808	669	563	481	417	366

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CATALOG NUMBER: GFLD-SA2E-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°	2868	2082	1494	1120	904	743	625	534	460	405	358
-25°	2066	1547	1197	974	800	673	584	508	445	394	349
-27.5°	1518	1199	1008	838	710	624	549	482	428	381	340
-30°	1170	999	853	729	646	575	515	460	411	366	330
-32.5°	949	842	733	656	590	534	484	436	391	354	318
-35°	807	727	655	596	543	497	453	412	374	339	304
-37.5°	706	643	593	545	504	463	426	391	357	322	291
-40°	630	581	541	503	468	435	404	372	339	305	277
-42.5°	573	535	498	466	437	411	383	353	322	291	265
-45°	526	494	461	436	412	388	364	335	306	279	253
-47.5°	485	459	433	408	386	364	343	318	292	266	240
-50°	449	427	404	382	363	344	323	301	276	250	226
-52.5°	415	398	380	362	343	323	303	281	257	235	214
-55°	389	373	356	339	321	303	283	262	241	221	199
-57.5°	363	348	333	318	304	285	265	244	224	203	182
-60°	336	323	308	294	280	263	243	223	204	185	165
-62.5°	302	290	277	264	251	236	217	199	183	166	148
-65°	265	254	243	231	218	203	187	173	160	147	131
-67.5°	230	220	209	197	185	172	161	149	137	125	110
-70°	197	188	179	168	157	146	136	125	114	103	91
-72.5°	167	159	151	141	132	122	112	103	94	84	74
-75°	137	131	124	116	108	99	91	84	76	68	61
-77.5°	108	103	97	91	85	79	73	66	60	54	47
-80°	80	76	72	68	63	59	54	49	43	39	34
-82.5°	55	53	51	47	44	40	36	33	29	26	22
-85°	33	32	30	28	26	23	21	19	17	14	12
-87.5°	13	13	12	11	10	9	8	7	7	6	5
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P627054 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2E-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°	1	0	0	0	0	0	0	0	0	0	0
60°	2	2	1	1	0	0	0	1	1	0	0
57.5°	6	4	2	2	2	1	0	1	1	1	0
55°	11	8	5	3	3	2	1	1	2	2	0
52.5°	22	15	10	5	3	3	2	2	2	2	1
50°	35	25	17	11	4	4	3	2	3	3	2
47.5°	52	38	26	17	10	5	5	3	3	3	3
45°	66	54	38	26	17	10	6	3	3	3	3
42.5°	79	68	52	34	24	15	9	5	3	3	3
40°	96	81	67	48	33	20	13	8	3	4	3
37.5°	113	96	80	61	42	28	18	11	5	4	3
35°	131	112	92	73	53	36	22	15	8	5	3
32.5°	148	127	105	84	63	44	27	19	11	6	3
30°	167	141	117	95	73	53	35	23	14	8	4
27.5°	186	154	129	106	82	61	43	27	17	10	5
25°	203	170	141	115	92	69	50	32	21	12	6
22.5°	220	186	152	124	102	77	57	38	24	14	7
20°	237	201	163	136	112	86	63	44	28	17	9
17.5°	253	215	178	148	121	94	70	49	32	19	10
15°	270	230	192	160	130	102	76	54	36	21	11
12.5°	285	243	204	170	140	109	82	58	39	23	13
10°	298	255	215	180	148	115	87	62	43	24	15
7.5°	309	266	224	189	156	121	91	66	46	26	16
5°	317	274	232	195	162	127	96	69	49	28	18
2.5°	323	279	237	200	167	132	99	72	52	29	19
0°	327	283	242	204	170	136	102	75	54	31	20
-2.5°	331	286	247	209	174	141	105	77	56	34	21
-5°	333	289	250	212	177	144	108	79	58	36	21
-7.5°	335	291	252	214	179	147	110	80	59	39	21
-10°	335	293	254	216	181	148	111	81	60	40	22
-12.5°	334	293	255	217	182	149	113	83	61	42	22
-15°	331	293	255	217	182	149	114	85	62	42	22
-17.5°	327	291	253	215	181	148	115	85	62	41	23
-20°	324	288	250	212	180	148	115	85	62	41	24

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REPORT NUMBER: P627054 (CONVERTED FROM TYPE C PHOTOMETRY)

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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	319	282	245	209	177	147	114	84	61	40	25
-25°	312	276	240	206	175	145	112	82	60	39	25
-27.5°	304	268	234	202	172	142	109	80	58	38	25
-30°	294	261	229	198	168	138	105	78	56	37	25
-32.5°	283	254	223	192	162	133	100	74	54	37	25
-35°	274	245	216	185	156	127	96	71	52	37	25
-37.5°	262	236	206	177	150	121	93	69	50	36	24
-40°	252	225	196	169	143	114	89	67	48	35	23
-42.5°	241	213	187	162	135	110	85	65	47	33	22
-45°	227	202	178	153	128	104	82	61	45	32	22
-47.5°	215	193	169	144	122	99	77	58	42	31	21
-50°	205	182	158	135	114	93	72	54	40	29	19
-52.5°	192	169	146	125	105	86	66	50	38	27	18
-55°	177	155	134	115	96	78	60	46	35	25	16
-57.5°	161	140	122	105	87	69	54	42	32	22	15
-60°	145	127	111	94	76	61	49	38	28	20	14
-62.5°	131	114	98	81	67	54	43	34	25	18	12
-65°	114	99	84	70	58	47	38	29	22	16	11
-67.5°	96	83	71	59	49	40	32	26	20	14	10
-70°	80	69	59	49	41	34	28	22	17	12	9
-72.5°	65	56	47	39	34	28	23	19	14	10	8
-75°	53	45	38	32	27	23	19	15	11	8	7
-77.5°	41	35	30	25	22	18	15	11	9	7	5
-80°	30	26	23	20	16	13	10	8	6	5	4
-82.5°	20	18	16	14	12	9	7	5	4	4	3
-85°	11	10	9	8	7	5	4	3	3	2	2
-87.5°	5	4	4	4	3	3	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: P627054 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	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°	3	2	0	0	0	0	0
37.5°	3	2	1	0	0	0	0
35°	3	3	1	0	0	0	0
32.5°	3	3	1	0	0	0	0
30°	3	3	2	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	3	0	0	0	0
17.5°	4	3	3	0	0	0	0
15°	4	3	3	0	0	0	0
12.5°	4	3	3	0	0	0	0
10°	5	3	3	0	0	0	0
7.5°	5	3	3	0	0	0	0
5°	6	3	3	0	0	0	0
2.5°	6	3	3	0	0	0	0
0°	7	3	3	0	0	0	0
-2.5°	8	4	3	0	0	0	0
-5°	9	4	3	0	0	0	0
-7.5°	11	4	3	1	0	0	0
-10°	12	5	3	1	0	0	0
-12.5°	12	5	3	1	0	0	0
-15°	13	5	3	1	0	0	0
-17.5°	13	5	3	1	0	0	0
-20°	14	5	3	1	0	0	0

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REPORT NUMBER: P627054 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-750-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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