

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



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627136 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3C-727-U-MWR-VSR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P627136 (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: 5/9/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3C-727-U-MWR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (48) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13677.6 lumens  
Efficiency: N/A  
Efficacy: 112.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 19162.2 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 9161.2 lumens  
Beam Efficiency: 67.0%

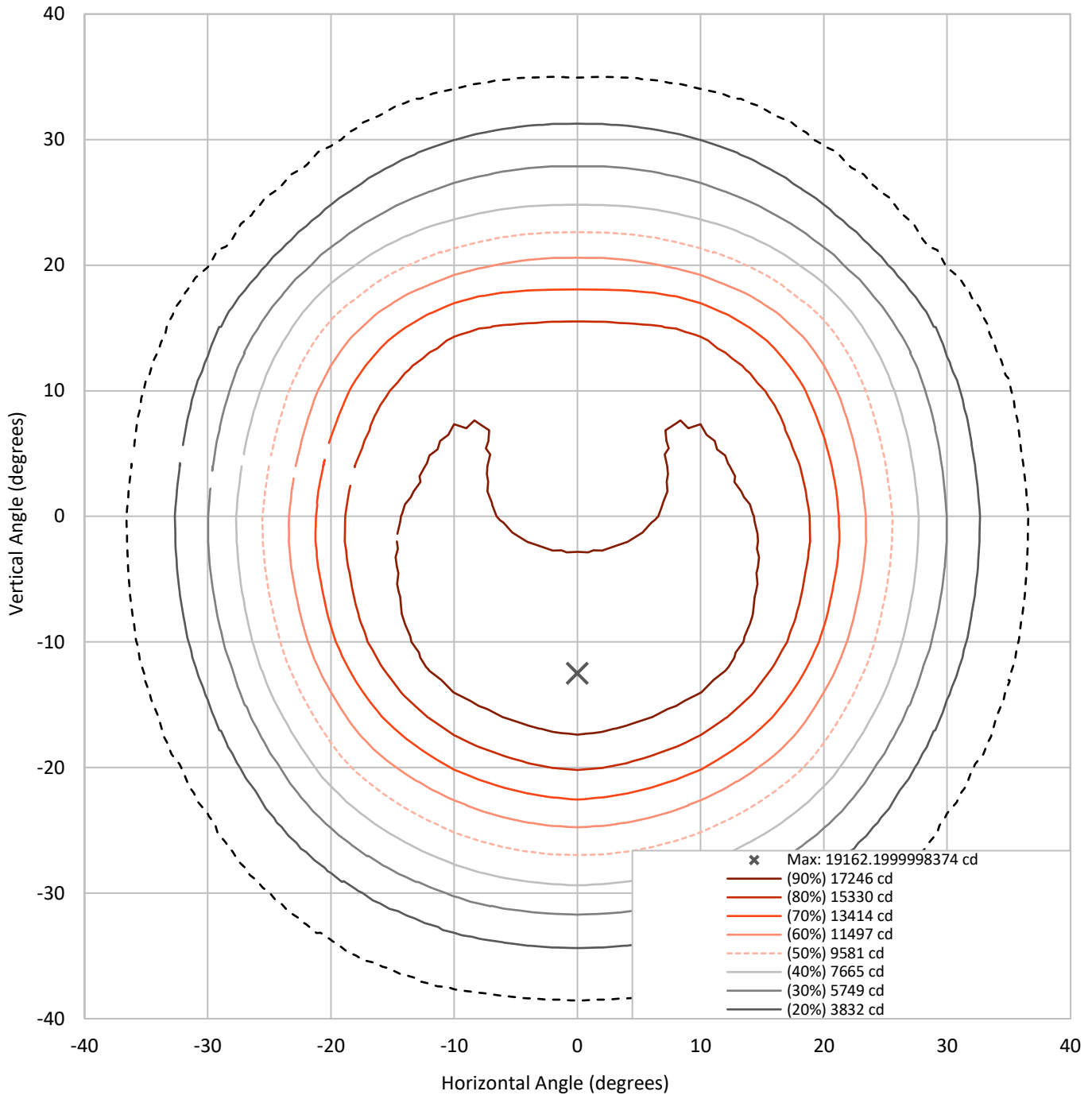
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 12328.3 lumens  
Field Efficiency: 90.1%

Input Watts (W): 121.7  
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





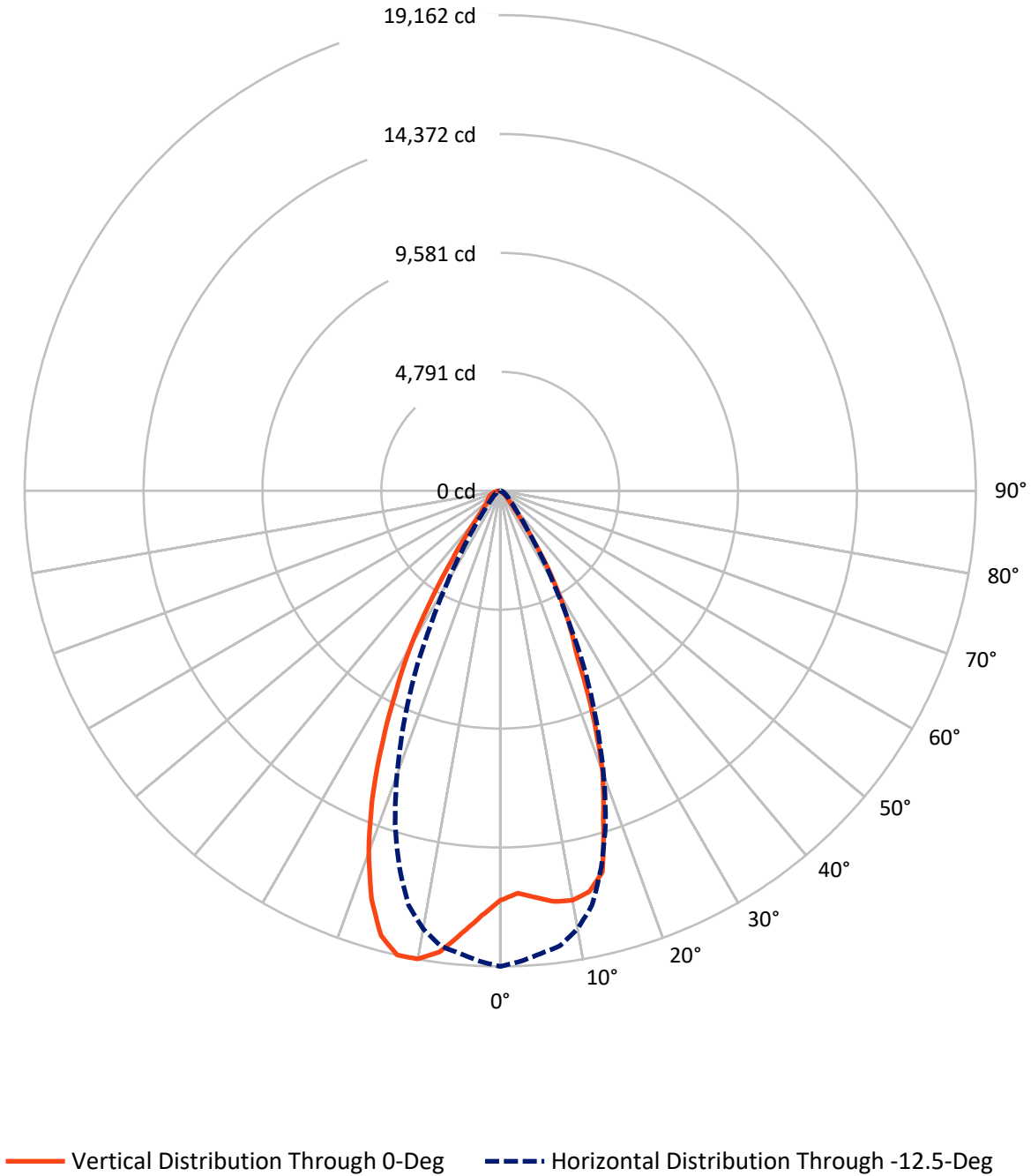
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### Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
70																			
60	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.4	1.1	1.9	2.6	3.0	3.0	2.6	1.9	1.1	0.4	0.1		0.0			
40	0.1	0.1	0.5	1.9	3.8	6.3	9.4	11.5	11.5	9.4	6.3	3.8	1.9	0.5	0.1	0.1			
30		0.2	1.5	4.0	8.2	17.8	40.4	61.7	61.7	40.4	17.8	8.2	4.0	1.5	0.2				
20	0.1	0.6	2.6	6.4	17.2	63.6	163.7	228.9	228.9	163.7	63.6	17.2	6.4	2.6	0.6	0.1			
10		0.9	3.6	9.9	40.8	176.6	368.3	456.1	456.1	368.3	176.6	40.8	9.9	3.6	0.9				
0	0.3	1.2	4.4	12.7	65.0	260.0	474.9	514.9	514.9	474.9	260.0	65.0	12.7	4.4	1.2	0.3			
-10		1.4	4.9	13.6	68.0	268.5	492.0	546.5	546.5	492.0	268.5	68.0	13.6	4.9	1.4				
-20	0.4	1.5	4.9	12.4	48.7	199.9	415.1	530.0	530.0	415.1	199.9	48.7	12.4	4.9	1.5	0.4			
-30		1.5	4.7	10.3	27.2	97.0	231.3	325.5	325.5	231.3	97.0	27.2	10.3	4.7	1.5				
-40	0.4	1.3	4.2	8.6	16.2	34.5	72.3	107.2	107.2	72.3	34.5	16.2	8.6	4.2	1.3	0.4			
-50		1.1	3.5	7.1	11.9	17.5	24.7	29.2	29.2	24.7	17.5	11.9	7.1	3.5	1.1				
-60	0.3	0.8	2.6	5.6	9.3	12.9	16.1	17.6	17.6	16.1	12.9	9.3	5.6	2.6	0.8	0.3			
-70		0.6	1.7	3.8	6.5	9.2	11.7	13.1	13.1	11.7	9.2	6.5	3.8	1.7	0.6				
-80	0.1	1.5	6.9	14.7	18.8	14.7	6.9	1.5	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

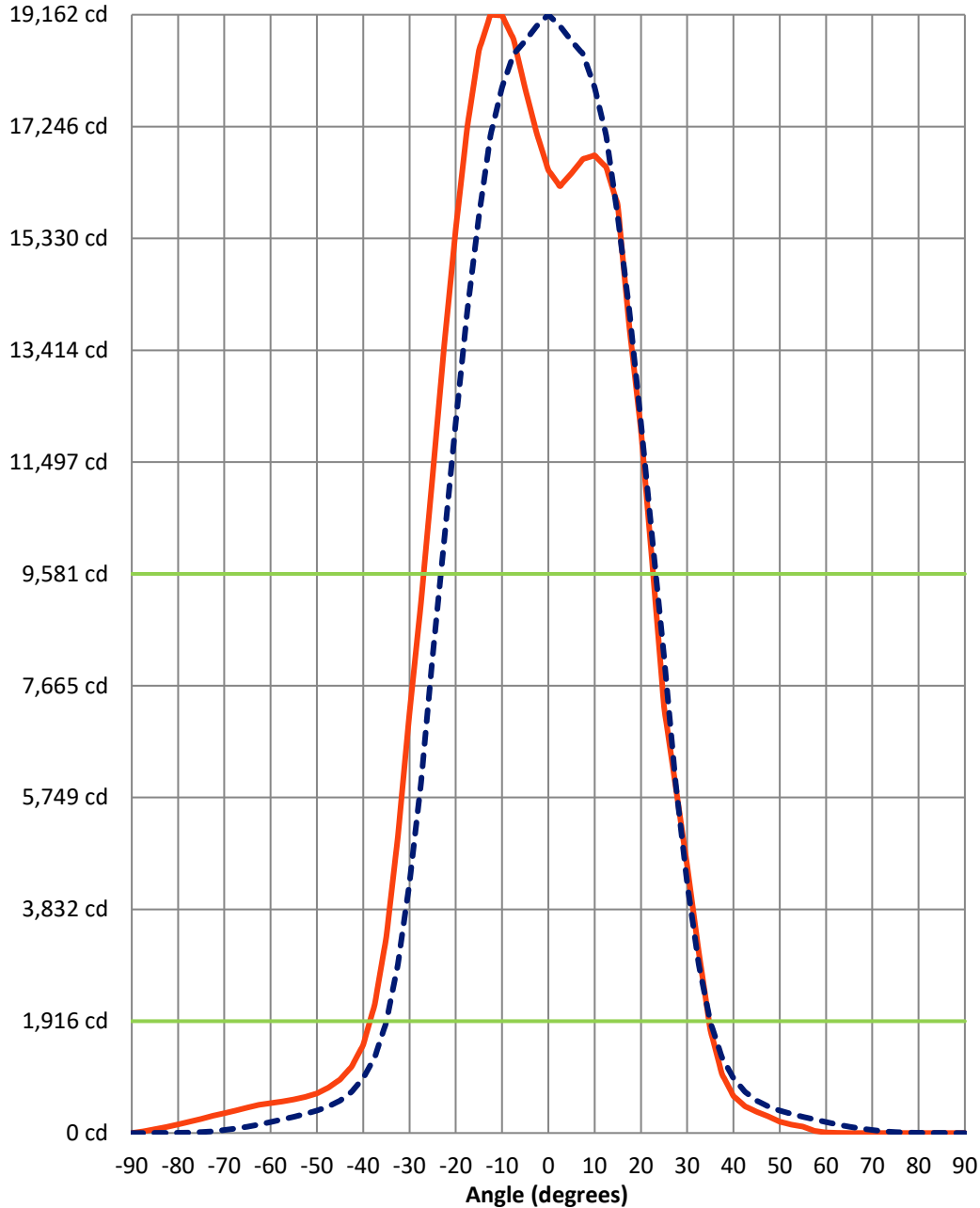
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 9161.2  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 12328.3  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 1349.3  
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg  
 - - - Horizontal Distribution through -12.5-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	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	2	1	1	1	1	2	2
60°	0	0	0	1	2	1	1	1	2	2	3
57.5°	0	0	0	2	2	1	1	2	3	3	3
55°	0	0	0	2	2	1	2	3	3	3	3
52.5°	0	0	1	2	2	2	2	3	3	3	3
50°	0	0	1	3	2	2	3	3	3	3	4
47.5°	0	0	1	3	2	2	3	4	3	3	4
45°	0	0	1	3	2	3	3	4	3	4	5
42.5°	0	0	1	3	3	3	4	4	3	5	6
40°	0	0	2	3	3	3	4	4	4	6	7
37.5°	0	0	2	3	3	3	4	4	5	7	9
35°	0	0	2	3	3	3	5	5	6	9	12
32.5°	0	0	2	3	3	4	5	5	7	11	19
30°	0	0	2	3	3	4	5	5	9	14	25
27.5°	0	0	2	3	3	4	6	6	10	17	31
25°	0	0	3	3	3	5	6	7	13	21	36
22.5°	0	0	3	3	3	5	6	8	15	26	43
20°	0	0	3	3	3	5	6	9	18	30	50
17.5°	0	0	3	3	3	6	6	10	21	34	57
15°	0	0	3	3	3	6	7	12	23	37	63
12.5°	0	0	3	3	3	6	7	14	26	40	70
10°	0	0	3	3	3	6	8	16	28	45	76
7.5°	0	0	3	3	3	6	8	19	30	51	81
5°	0	0	3	3	3	6	9	21	32	56	85
2.5°	0	0	3	3	3	6	9	23	33	61	89
0°	0	0	3	3	3	6	9	25	35	66	91
-2.5°	0	0	3	3	3	7	11	26	39	69	96
-5°	0	0	3	3	4	7	13	27	43	71	100
-7.5°	0	0	3	3	4	7	14	27	47	74	104
-10°	0	0	3	3	4	7	15	28	50	76	106
-12.5°	0	0	3	3	4	8	16	28	52	77	108
-15°	0	0	3	3	5	8	17	29	53	78	109
-17.5°	0	0	3	3	5	8	18	30	52	78	109
-20°	0	0	3	3	5	8	18	31	52	78	108

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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	1	3	3	5	8	18	31	51	77	105
-25°	0	1	3	3	5	9	18	32	50	75	101
-27.5°	0	1	3	3	5	9	18	32	49	73	99
-30°	0	1	3	3	5	10	17	31	48	71	96
-32.5°	0	1	3	3	5	10	17	31	47	69	92
-35°	0	1	3	3	5	10	17	30	46	67	88
-37.5°	0	1	3	3	5	10	17	29	44	64	86
-40°	0	1	3	3	5	10	17	28	41	62	85
-42.5°	0	1	3	3	5	10	17	26	39	59	82
-45°	0	1	3	3	6	10	17	25	38	55	78
-47.5°	0	1	3	3	6	10	16	25	36	51	73
-50°	0	1	3	4	6	10	16	24	34	49	68
-52.5°	0	1	3	4	6	10	15	22	33	46	62
-55°	0	1	3	4	6	9	15	21	31	43	58
-57.5°	0	1	3	4	6	9	14	20	29	40	54
-60°	0	1	3	4	5	9	13	19	27	38	50
-62.5°	0	1	3	4	5	8	12	18	25	34	46
-65°	0	1	2	4	5	8	11	16	23	31	41
-67.5°	0	1	2	4	5	7	10	15	20	28	36
-70°	0	0	2	4	5	7	9	13	18	24	31
-72.5°	0	0	2	3	5	6	8	11	15	20	26
-75°	0	0	2	3	5	6	8	10	12	17	21
-77.5°	0	0	1	2	4	6	7	9	11	13	17
-80°	0	0	1	2	3	5	6	8	9	11	14
-82.5°	0	0	1	2	2	4	5	6	8	9	11
-85°	0	0	1	1	2	2	3	4	5	7	8
-87.5°	0	0	0	1	1	1	2	2	3	3	4
-90°	0	0	0	0	0	0	0	0	0	0	0



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**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°	2	2	2	1	0	1	1	1	0	0	0
62.5°	3	2	2	1	2	2	2	1	0	1	1
60°	3	3	2	2	3	3	2	2	3	3	7
57.5°	3	3	3	3	4	3	4	4	11	19	21
55°	3	3	4	4	5	5	8	17	26	32	35
52.5°	4	4	5	6	7	12	22	32	40	47	55
50°	4	5	6	9	14	24	37	48	59	69	81
47.5°	5	7	9	14	25	39	54	68	81	95	112
45°	7	10	13	24	39	56	74	91	104	120	135
42.5°	8	15	23	35	55	76	96	110	124	142	162
40°	13	21	33	51	73	98	116	130	145	170	195
37.5°	19	30	44	67	93	117	135	152	175	204	233
35°	26	39	58	84	114	136	155	177	208	241	276
32.5°	33	46	73	102	130	153	175	207	240	277	325
30°	40	58	87	118	145	170	200	236	269	313	370
27.5°	48	71	101	132	159	185	225	260	297	348	416
25°	56	83	115	145	172	205	250	287	325	390	481
22.5°	66	95	128	156	185	227	274	320	370	435	547
20°	76	107	140	170	198	247	301	357	425	515	662
17.5°	86	117	151	184	219	269	329	396	480	592	808
15°	94	127	162	198	239	292	357	439	542	681	950
12.5°	102	135	173	212	256	312	382	472	593	793	1131
10°	109	142	183	225	272	330	404	499	634	873	1265
7.5°	115	150	193	238	285	346	423	521	670	936	1371
5°	121	159	201	247	295	359	438	538	701	982	1452
2.5°	125	168	208	255	302	369	450	554	731	1020	1521
0°	129	176	214	261	308	377	459	565	754	1046	1574
-2.5°	133	180	221	266	317	382	463	574	762	1050	1563
-5°	137	183	227	269	323	386	464	577	761	1042	1531
-7.5°	140	184	232	272	327	387	464	575	753	1024	1479
-10°	142	186	233	276	328	387	462	568	735	990	1400
-12.5°	145	188	234	278	328	385	456	556	707	940	1299
-15°	147	189	233	277	326	381	446	538	669	872	1173
-17.5°	148	190	232	275	324	375	433	517	635	813	1084
-20°	148	189	231	270	320	368	424	500	605	756	974

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	147	188	229	266	314	362	414	480	569	692	869
-25°	143	185	226	264	307	354	400	459	536	645	792
-27.5°	138	182	221	260	299	345	388	441	509	593	710
-30°	132	176	216	254	293	335	377	422	481	554	649
-32.5°	125	170	209	247	285	325	365	407	457	518	592
-35°	120	163	202	238	276	315	353	391	433	487	550
-37.5°	117	155	195	228	265	302	339	376	414	457	514
-40°	113	147	186	220	253	290	325	360	396	438	482
-42.5°	109	142	177	212	243	277	311	344	380	419	460
-45°	104	135	169	201	233	264	297	328	363	400	438
-47.5°	98	127	160	188	219	251	282	314	344	379	416
-50°	91	119	148	176	203	235	266	298	328	357	389
-52.5°	84	108	136	164	189	215	247	279	309	339	367
-55°	76	99	124	151	176	199	227	259	289	317	347
-57.5°	69	89	112	137	162	186	212	239	268	296	324
-60°	64	80	99	123	147	171	196	221	248	275	300
-62.5°	58	72	88	107	130	154	177	201	226	249	272
-65°	52	63	77	93	111	133	155	178	201	221	241
-67.5°	46	56	67	79	95	113	131	152	173	193	211
-70°	40	48	58	68	80	95	111	128	145	162	180
-72.5°	33	41	49	57	68	80	93	106	121	136	152
-75°	27	33	40	47	56	66	77	88	100	112	125
-77.5°	21	27	32	38	44	52	61	70	79	89	98
-80°	16	20	24	29	34	40	46	52	59	67	75
-82.5°	13	16	18	21	25	28	32	37	42	48	54
-85°	9	11	13	14	16	19	21	23	27	30	34
-87.5°	5	5	6	7	8	9	10	11	13	14	16
-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	0	0	0	0	0
62.5°	1	1	1	1	1	1	2	2	2	2	3
60°	8	6	8	10	10	8	11	13	12	9	10
57.5°	22	24	27	32	35	37	40	43	46	47	48
55°	40	48	57	61	68	78	87	88	89	92	97
52.5°	65	74	78	86	99	108	112	119	127	135	141
50°	94	102	111	123	136	144	147	160	176	188	196
47.5°	123	134	151	172	183	193	206	222	240	258	273
45°	151	170	192	211	225	241	259	279	307	332	352
42.5°	182	203	225	247	263	290	321	345	385	419	440
40°	218	239	271	298	331	365	418	467	517	574	616
37.5°	262	295	339	383	432	482	577	674	753	865	926
35°	314	365	429	493	572	693	832	1019	1214	1376	1532
32.5°	375	440	527	643	775	970	1178	1523	1859	2195	2525
30°	434	529	663	821	1038	1347	1739	2272	2850	3356	3814
27.5°	514	648	822	1059	1428	1880	2604	3345	4080	4737	5209
25°	610	790	1035	1428	1961	2711	3681	4589	5453	6096	6639
22.5°	748	1019	1367	1867	2834	3877	5038	6181	7150	7962	8497
20°	920	1286	1868	2774	3912	5217	6711	7912	9107	10020	10835
17.5°	1163	1745	2568	3719	5077	6818	8357	9697	11213	12146	12978
15°	1381	2130	3302	4771	6363	8208	10022	11663	13127	14153	15083
12.5°	1657	2539	3887	5614	7355	9409	11295	13053	14486	15542	16192
10°	1905	2958	4470	6277	8226	10372	12327	14156	15544	16360	16839
7.5°	2104	3306	4943	6844	8902	11062	13127	14942	16271	16953	17280
5°	2259	3564	5313	7309	9447	11657	13764	15541	16660	17224	17407
2.5°	2375	3744	5562	7615	9814	12096	14247	15999	16953	17360	17421
0°	2454	3871	5724	7807	10129	12253	14509	16287	17195	17522	17553
-2.5°	2435	3825	5717	7738	10093	12324	14551	16306	17277	17716	17788
-5°	2386	3717	5528	7540	9806	12040	14164	16017	17210	17873	18166
-7.5°	2290	3531	5204	7162	9341	11577	13743	15666	17038	17971	18546
-10°	2127	3260	4789	6683	8831	10962	13103	15098	16576	17699	18499
-12.5°	1905	2891	4283	6005	8164	10154	12181	14093	15706	17090	17918
-15°	1676	2507	3757	5333	7213	9172	11045	12921	14513	15808	16840
-17.5°	1512	2171	3149	4528	6178	8037	9864	11587	13024	14242	15324
-20°	1305	1795	2569	3728	5181	6806	8557	10090	11373	12515	13549



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1141	1537	2096	2887	4192	5626	7057	8470	9676	10692	11575
-25°	991	1269	1706	2350	3198	4436	5643	6835	7949	8893	9688
-27.5°	874	1095	1386	1844	2488	3211	4268	5264	6222	7086	7835
-30°	767	933	1161	1447	1885	2422	3058	3803	4566	5248	5929
-32.5°	690	808	965	1177	1423	1807	2191	2693	3176	3673	4162
-35°	621	716	823	965	1133	1358	1611	1917	2176	2501	2801
-37.5°	574	641	723	812	933	1058	1229	1415	1575	1757	1909
-40°	535	588	643	703	786	870	981	1086	1187	1298	1380
-42.5°	502	544	584	631	680	748	822	887	949	1014	1068
-45°	476	508	540	576	613	662	715	764	804	840	870
-47.5°	449	477	505	533	565	601	635	666	700	728	748
-50°	421	449	475	499	527	555	582	607	631	652	664
-52.5°	395	424	449	471	494	517	540	562	583	602	610
-55°	375	401	427	447	466	486	506	527	547	564	570
-57.5°	352	380	404	423	441	458	477	496	515	532	537
-60°	327	355	377	394	413	432	449	467	484	499	505
-62.5°	297	322	342	359	375	391	410	429	447	462	470
-65°	260	282	301	319	335	350	368	385	402	414	424
-67.5°	229	246	262	277	293	308	325	341	357	368	375
-70°	197	213	228	243	256	270	284	297	310	320	328
-72.5°	167	181	193	206	219	231	243	254	265	274	281
-75°	138	150	161	171	182	192	201	210	218	226	232
-77.5°	109	118	128	137	146	154	161	168	174	180	186
-80°	83	90	97	104	111	117	122	127	132	137	142
-82.5°	60	64	69	73	78	82	86	90	93	97	100
-85°	38	40	43	46	48	50	53	55	58	60	62
-87.5°	18	19	20	22	23	24	25	26	27	28	29
-90°	0	0	0	0	0	0	0	0	0	0	0



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**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	3	3	3	3	3	3	3	2	2	2
60°	10	9	9	9	9	9	10	10	9	12	13
57.5°	47	44	41	38	41	44	47	48	47	46	43
55°	103	108	111	110	111	108	103	97	92	89	88
52.5°	146	149	148	145	148	149	146	141	135	127	119
50°	199	200	198	195	198	200	199	196	188	176	160
47.5°	280	284	286	286	286	284	280	273	258	240	222
45°	359	363	365	365	365	363	359	352	332	307	279
42.5°	452	459	461	459	461	459	452	440	419	385	345
40°	640	648	644	635	644	648	640	616	574	517	467
37.5°	970	1001	1014	1015	1014	1001	970	926	865	753	674
35°	1673	1785	1836	1772	1836	1785	1673	1532	1376	1214	1019
32.5°	2794	2992	3104	3104	3104	2992	2794	2525	2195	1859	1523
30°	4160	4408	4548	4578	4548	4408	4160	3814	3356	2850	2272
27.5°	5577	5833	5967	5948	5967	5833	5577	5209	4737	4080	3345
25°	6998	7193	7305	7308	7305	7193	6998	6639	6096	5453	4589
22.5°	9098	9507	9676	9721	9676	9507	9098	8497	7962	7150	6181
20°	11387	11784	12040	12055	12040	11784	11387	10835	10020	9107	7912
17.5°	13568	13765	13801	13818	13801	13765	13568	12978	12146	11213	9697
15°	15624	15693	15875	15898	15875	15693	15624	15083	14153	13127	11663
12.5°	16601	16664	16633	16548	16633	16664	16601	16192	15542	14486	13053
10°	17133	17044	16912	16752	16912	17044	17133	16839	16360	15544	14156
7.5°	17253	17155	16921	16690	16921	17155	17253	17280	16953	16271	14942
5°	17311	17021	16726	16445	16726	17021	17311	17407	17224	16660	15541
2.5°	17277	16932	16527	16225	16527	16932	17277	17421	17360	16953	15999
0°	17387	17038	16614	16501	16614	17038	17387	17553	17522	17195	16287
-2.5°	17694	17411	17190	17129	17190	17411	17694	17788	17716	17277	16306
-5°	18246	18184	17808	17896	17808	18184	18246	18166	17873	17210	16017
-7.5°	18780	18691	18532	18738	18532	18691	18780	18546	17971	17038	15666
-10°	18921	18892	18967	19150	18967	18892	18921	18499	17699	16576	15098
-12.5°	18487	18714	18970	19162	18970	18714	18487	17918	17090	15706	14093
-15°	17517	17983	18365	18546	18365	17983	17517	16840	15808	14513	12921
-17.5°	16090	16661	17114	17243	17114	16661	16090	15324	14242	13024	11587
-20°	14332	14913	15325	15489	15325	14913	14332	13549	12515	11373	10090

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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12354	12921	13295	13491	13295	12921	12354	11575	10692	9676	8470
-25°	10346	10845	11176	11264	11176	10845	10346	9688	8893	7949	6835
-27.5°	8427	8828	9072	9099	9072	8828	8427	7835	7086	6222	5264
-30°	6495	6868	7079	7192	7079	6868	6495	5929	5248	4566	3803
-32.5°	4562	4857	5036	5084	5036	4857	4562	4162	3673	3176	2693
-35°	3041	3225	3339	3362	3339	3225	3041	2801	2501	2176	1917
-37.5°	2034	2123	2179	2206	2179	2123	2034	1909	1757	1575	1415
-40°	1441	1483	1506	1511	1506	1483	1441	1380	1298	1187	1086
-42.5°	1102	1123	1134	1137	1134	1123	1102	1068	1014	949	887
-45°	890	905	914	917	914	905	890	870	840	804	764
-47.5°	762	771	777	779	777	771	762	748	728	700	666
-50°	672	677	680	679	680	677	672	664	652	631	607
-52.5°	615	619	620	619	620	619	615	610	602	583	562
-55°	574	576	576	575	576	576	574	570	564	547	527
-57.5°	541	545	544	540	544	545	541	537	532	515	496
-60°	510	513	514	512	514	513	510	505	499	484	467
-62.5°	478	484	485	484	485	484	478	470	462	447	429
-65°	432	440	440	437	440	440	432	424	414	402	385
-67.5°	382	387	388	386	388	387	382	375	368	357	341
-70°	334	341	341	339	341	341	334	328	320	310	297
-72.5°	288	294	295	295	295	294	288	281	274	265	254
-75°	238	244	243	242	243	244	238	232	226	218	210
-77.5°	192	197	196	195	196	197	192	186	180	174	168
-80°	146	150	149	148	149	150	146	142	137	132	127
-82.5°	103	106	105	104	105	106	103	100	97	93	90
-85°	64	66	66	66	66	66	64	62	60	58	55
-87.5°	30	31	30	28	30	31	30	29	28	27	26
-90°	0	0	0	0	0	0	0	0	0	0	0



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**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°	2	1	1	1	1	1	1	1	1	0	1
60°	11	8	10	10	8	6	8	7	3	3	2
57.5°	40	37	35	32	27	24	22	21	19	11	4
55°	87	78	68	61	57	48	40	35	32	26	17
52.5°	112	108	99	86	78	74	65	55	47	40	32
50°	147	144	136	123	111	102	94	81	69	59	48
47.5°	206	193	183	172	151	134	123	112	95	81	68
45°	259	241	225	211	192	170	151	135	120	104	91
42.5°	321	290	263	247	225	203	182	162	142	124	110
40°	418	365	331	298	271	239	218	195	170	145	130
37.5°	577	482	432	383	339	295	262	233	204	175	152
35°	832	693	572	493	429	365	314	276	241	208	177
32.5°	1178	970	775	643	527	440	375	325	277	240	207
30°	1739	1347	1038	821	663	529	434	370	313	269	236
27.5°	2604	1880	1428	1059	822	648	514	416	348	297	260
25°	3681	2711	1961	1428	1035	790	610	481	390	325	287
22.5°	5038	3877	2834	1867	1367	1019	748	547	435	370	320
20°	6711	5217	3912	2774	1868	1286	920	662	515	425	357
17.5°	8357	6818	5077	3719	2568	1745	1163	808	592	480	396
15°	10022	8208	6363	4771	3302	2130	1381	950	681	542	439
12.5°	11295	9409	7355	5614	3887	2539	1657	1131	793	593	472
10°	12327	10372	8226	6277	4470	2958	1905	1265	873	634	499
7.5°	13127	11062	8902	6844	4943	3306	2104	1371	936	670	521
5°	13764	11657	9447	7309	5313	3564	2259	1452	982	701	538
2.5°	14247	12096	9814	7615	5562	3744	2375	1521	1020	731	554
0°	14509	12253	10129	7807	5724	3871	2454	1574	1046	754	565
-2.5°	14551	12324	10093	7738	5717	3825	2435	1563	1050	762	574
-5°	14164	12040	9806	7540	5528	3717	2386	1531	1042	761	577
-7.5°	13743	11577	9341	7162	5204	3531	2290	1479	1024	753	575
-10°	13103	10962	8831	6683	4789	3260	2127	1400	990	735	568
-12.5°	12181	10154	8164	6005	4283	2891	1905	1299	940	707	556
-15°	11045	9172	7213	5333	3757	2507	1676	1173	872	669	538
-17.5°	9864	8037	6178	4528	3149	2171	1512	1084	813	635	517
-20°	8557	6806	5181	3728	2569	1795	1305	974	756	605	500

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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7057	5626	4192	2887	2096	1537	1141	869	692	569	480
-25°	5643	4436	3198	2350	1706	1269	991	792	645	536	459
-27.5°	4268	3211	2488	1844	1386	1095	874	710	593	509	441
-30°	3058	2422	1885	1447	1161	933	767	649	554	481	422
-32.5°	2191	1807	1423	1177	965	808	690	592	518	457	407
-35°	1611	1358	1133	965	823	716	621	550	487	433	391
-37.5°	1229	1058	933	812	723	641	574	514	457	414	376
-40°	981	870	786	703	643	588	535	482	438	396	360
-42.5°	822	748	680	631	584	544	502	460	419	380	344
-45°	715	662	613	576	540	508	476	438	400	363	328
-47.5°	635	601	565	533	505	477	449	416	379	344	314
-50°	582	555	527	499	475	449	421	389	357	328	298
-52.5°	540	517	494	471	449	424	395	367	339	309	279
-55°	506	486	466	447	427	401	375	347	317	289	259
-57.5°	477	458	441	423	404	380	352	324	296	268	239
-60°	449	432	413	394	377	355	327	300	275	248	221
-62.5°	410	391	375	359	342	322	297	272	249	226	201
-65°	368	350	335	319	301	282	260	241	221	201	178
-67.5°	325	308	293	277	262	246	229	211	193	173	152
-70°	284	270	256	243	228	213	197	180	162	145	128
-72.5°	243	231	219	206	193	181	167	152	136	121	106
-75°	201	192	182	171	161	150	138	125	112	100	88
-77.5°	161	154	146	137	128	118	109	98	89	79	70
-80°	122	117	111	104	97	90	83	75	67	59	52
-82.5°	86	82	78	73	69	64	60	54	48	42	37
-85°	53	50	48	46	43	40	38	34	30	27	23
-87.5°	25	24	23	22	20	19	18	16	14	13	11
-90°	0	0	0	0	0	0	0	0	0	0	0



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**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	2	2	2	1	1	1	0
62.5°	2	2	2	1	2	2	3	2	2	1	1
60°	2	3	3	2	2	3	3	3	2	2	1
57.5°	4	3	4	3	3	3	3	3	3	3	2
55°	8	5	5	4	4	3	3	3	3	3	3
52.5°	22	12	7	6	5	4	4	3	3	3	3
50°	37	24	14	9	6	5	4	4	3	3	3
47.5°	54	39	25	14	9	7	5	4	3	3	4
45°	74	56	39	24	13	10	7	5	4	3	4
42.5°	96	76	55	35	23	15	8	6	5	3	4
40°	116	98	73	51	33	21	13	7	6	4	4
37.5°	135	117	93	67	44	30	19	9	7	5	4
35°	155	136	114	84	58	39	26	12	9	6	5
32.5°	175	153	130	102	73	46	33	19	11	7	5
30°	200	170	145	118	87	58	40	25	14	9	5
27.5°	225	185	159	132	101	71	48	31	17	10	6
25°	250	205	172	145	115	83	56	36	21	13	7
22.5°	274	227	185	156	128	95	66	43	26	15	8
20°	301	247	198	170	140	107	76	50	30	18	9
17.5°	329	269	219	184	151	117	86	57	34	21	10
15°	357	292	239	198	162	127	94	63	37	23	12
12.5°	382	312	256	212	173	135	102	70	40	26	14
10°	404	330	272	225	183	142	109	76	45	28	16
7.5°	423	346	285	238	193	150	115	81	51	30	19
5°	438	359	295	247	201	159	121	85	56	32	21
2.5°	450	369	302	255	208	168	125	89	61	33	23
0°	459	377	308	261	214	176	129	91	66	35	25
-2.5°	463	382	317	266	221	180	133	96	69	39	26
-5°	464	386	323	269	227	183	137	100	71	43	27
-7.5°	464	387	327	272	232	184	140	104	74	47	27
-10°	462	387	328	276	233	186	142	106	76	50	28
-12.5°	456	385	328	278	234	188	145	108	77	52	28
-15°	446	381	326	277	233	189	147	109	78	53	29
-17.5°	433	375	324	275	232	190	148	109	78	52	30
-20°	424	368	320	270	231	189	148	108	78	52	31

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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°	414	362	314	266	229	188	147	105	77	51	31
-25°	400	354	307	264	226	185	143	101	75	50	32
-27.5°	388	345	299	260	221	182	138	99	73	49	32
-30°	377	335	293	254	216	176	132	96	71	48	31
-32.5°	365	325	285	247	209	170	125	92	69	47	31
-35°	353	315	276	238	202	163	120	88	67	46	30
-37.5°	339	302	265	228	195	155	117	86	64	44	29
-40°	325	290	253	220	186	147	113	85	62	41	28
-42.5°	311	277	243	212	177	142	109	82	59	39	26
-45°	297	264	233	201	169	135	104	78	55	38	25
-47.5°	282	251	219	188	160	127	98	73	51	36	25
-50°	266	235	203	176	148	119	91	68	49	34	24
-52.5°	247	215	189	164	136	108	84	62	46	33	22
-55°	227	199	176	151	124	99	76	58	43	31	21
-57.5°	212	186	162	137	112	89	69	54	40	29	20
-60°	196	171	147	123	99	80	64	50	38	27	19
-62.5°	177	154	130	107	88	72	58	46	34	25	18
-65°	155	133	111	93	77	63	52	41	31	23	16
-67.5°	131	113	95	79	67	56	46	36	28	20	15
-70°	111	95	80	68	58	48	40	31	24	18	13
-72.5°	93	80	68	57	49	41	33	26	20	15	11
-75°	77	66	56	47	40	33	27	21	17	12	10
-77.5°	61	52	44	38	32	27	21	17	13	11	9
-80°	46	40	34	29	24	20	16	14	11	9	8
-82.5°	32	28	25	21	18	16	13	11	9	8	6
-85°	21	19	16	14	13	11	9	8	7	5	4
-87.5°	10	9	8	7	6	5	5	4	3	3	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: P627136 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-727-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°	1	1	2	1	0	0	0
60°	1	1	2	1	0	0	0
57.5°	1	1	2	2	0	0	0
55°	2	1	2	2	0	0	0
52.5°	2	2	2	2	1	0	0
50°	3	2	2	3	1	0	0
47.5°	3	2	2	3	1	0	0
45°	3	3	2	3	1	0	0
42.5°	4	3	3	3	1	0	0
40°	4	3	3	3	2	0	0
37.5°	4	3	3	3	2	0	0
35°	5	3	3	3	2	0	0
32.5°	5	4	3	3	2	0	0
30°	5	4	3	3	2	0	0
27.5°	6	4	3	3	2	0	0
25°	6	5	3	3	3	0	0
22.5°	6	5	3	3	3	0	0
20°	6	5	3	3	3	0	0
17.5°	6	6	3	3	3	0	0
15°	7	6	3	3	3	0	0
12.5°	7	6	3	3	3	0	0
10°	8	6	3	3	3	0	0
7.5°	8	6	3	3	3	0	0
5°	9	6	3	3	3	0	0
2.5°	9	6	3	3	3	0	0
0°	9	6	3	3	3	0	0
-2.5°	11	7	3	3	3	0	0
-5°	13	7	4	3	3	0	0
-7.5°	14	7	4	3	3	0	0
-10°	15	7	4	3	3	0	0
-12.5°	16	8	4	3	3	0	0
-15°	17	8	5	3	3	0	0
-17.5°	18	8	5	3	3	0	0
-20°	18	8	5	3	3	0	0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18	8	5	3	3	1	0
-25°	18	9	5	3	3	1	0
-27.5°	18	9	5	3	3	1	0
-30°	17	10	5	3	3	1	0
-32.5°	17	10	5	3	3	1	0
-35°	17	10	5	3	3	1	0
-37.5°	17	10	5	3	3	1	0
-40°	17	10	5	3	3	1	0
-42.5°	17	10	5	3	3	1	0
-45°	17	10	6	3	3	1	0
-47.5°	16	10	6	3	3	1	0
-50°	16	10	6	4	3	1	0
-52.5°	15	10	6	4	3	1	0
-55°	15	9	6	4	3	1	0
-57.5°	14	9	6	4	3	1	0
-60°	13	9	5	4	3	1	0
-62.5°	12	8	5	4	3	1	0
-65°	11	8	5	4	2	1	0
-67.5°	10	7	5	4	2	1	0
-70°	9	7	5	4	2	0	0
-72.5°	8	6	5	3	2	0	0
-75°	8	6	5	3	2	0	0
-77.5°	7	6	4	2	1	0	0
-80°	6	5	3	2	1	0	0
-82.5°	5	4	2	2	1	0	0
-85°	3	2	2	1	1	0	0
-87.5°	2	1	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)