

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: CORELITE

Report Number: P935727

Luminaire Tested: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-12-3500K

Issue Date: 12/17/2024

**Test Information**

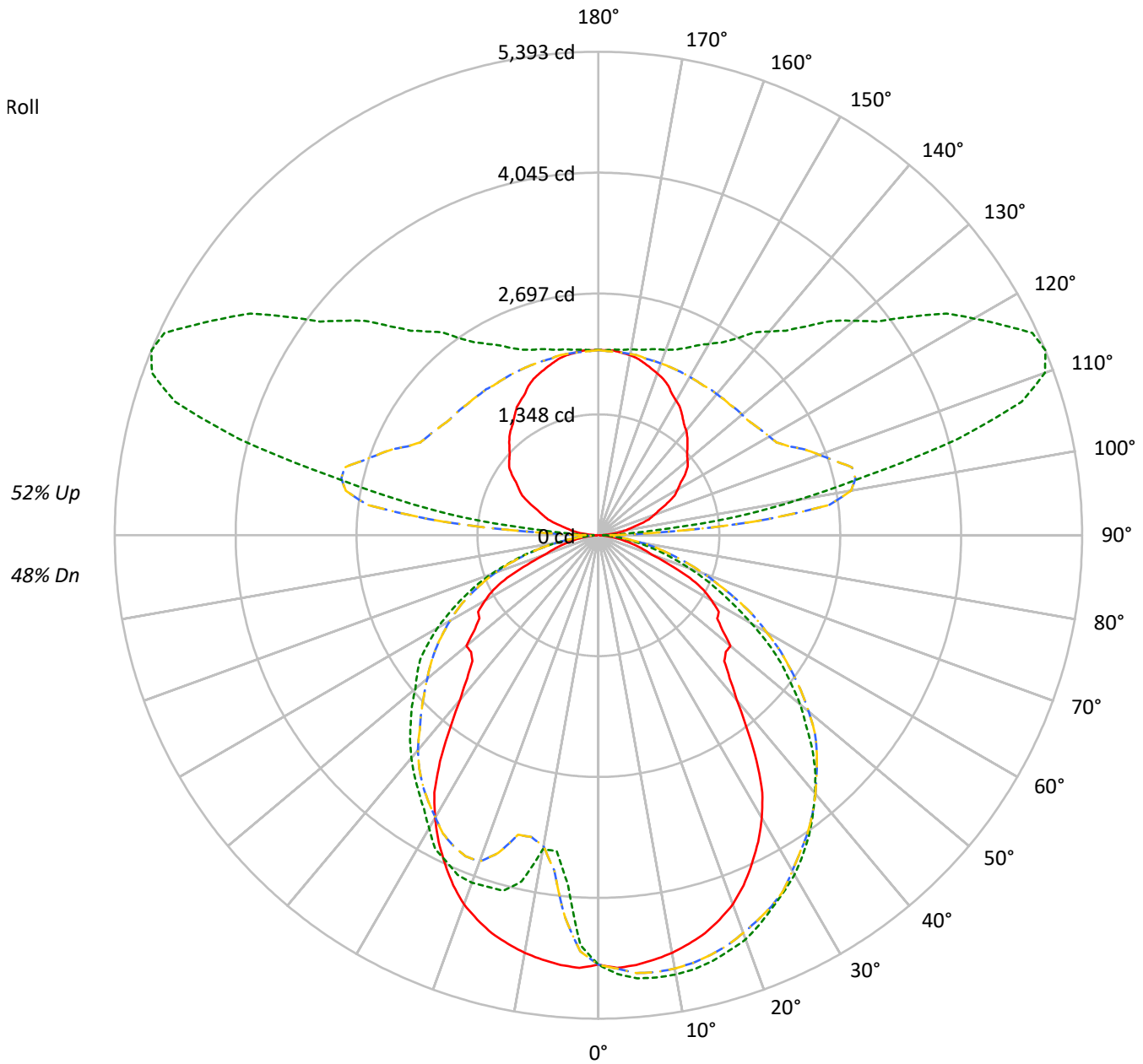
Test Method: LM-79-2019  
Report Number: P935727  
REPORT IS A COMBINATION OF REPORTS P933765 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-12-3500K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 25819.0 lumens  
Efficiency: N/A  
Efficacy: 114.4 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')  
CIE Type: General Diffuse  
  
Input Watts (W): 225.6  
Input Voltage (V): NR  
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: 24 FT

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### Luminous Intensity Polar Plot



— 0°-180° — 45°-225° - - 90°-270° - - 135°-315°



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34	34	34	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29	29	29	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25	25	25	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21	21	21	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17	17	17	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13	13	13	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12	12	12	12

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	14815	14815	14815	14815
5°	14931	14955	14931	11759
10°	14837	14732	14837	10532
15°	14681	14412	14681	12035
20°	14380	14034	14380	12060
25°	13757	13483	13757	11804
30°	12950	13025	12950	11243
35°	11551	12446	11551	10627
40°	9630	11764	9630	10161
45°	8610	10966	8610	9625
50°	9155	10014	9155	9087
55°	8621	8989	8621	8776
60°	8898	7634	8898	8038
65°	8081	6311	8081	7054
70°	5609	5029	5609	5913
75°	4937	3718	4937	4452
80°	4009	2458	4009	2676
85°	2349	1302	2349	1107

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 13188 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	432.4	1.7
10°-20°	1227.6	4.8
20°-30°	1897.6	7.3
30°-40°	2265.4	8.8
40°-50°	2278.7	8.8
50°-60°	1982.7	7.7
60°-70°	1405.8	5.4
70°-80°	743.7	2.9
80°-90°	193.1	0.7
90°-100°	1007.0	3.9
100°-110°	2647.5	10.3
110°-120°	2745.1	10.6
120°-130°	2201.9	8.5
130°-140°	1727.7	6.7
140°-150°	1326.1	5.1
150°-160°	955.0	3.7
160°-170°	584.3	2.3
170°-180°	197.4	0.8
0°-30°	3557.6	13.8
0°-40°	5822.9	22.6
0°-60°	10084.3	39.1
0°-90°	12426.9	48.1
90°-120°	6399.6	24.8
90°-150°	11655.4	45.1
90°-180°	13392.0	51.9
0°-180°	25819.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4790	4790	4790	4790	4790	
5°	4812	4962	4812	3902	4812	457
15°	4595	4917	4595	4106	4595	1293
25°	4047	4586	4047	4015	4047	1858
35°	3077	4092	3077	3494	3077	1904
45°	1985	3371	1985	2959	1985	1590
55°	1618	2488	1618	2429	1618	1487
65°	1124	1500	1124	1677	1124	1074
75°	426	711	426	852	426	448
85°	72	181	72	154	72	98
90°	14	53	14	53	14	14
95°	133	609	133	609	133	148
105°	477	4146	477	4146	477	506
115°	847	5338	847	5338	847	837
125°	1178	4251	1178	4251	1178	1046
135°	1404	3298	1404	3298	1404	1087
145°	1629	2676	1629	2676	1629	1021
155°	1841	2304	1841	2304	1841	846
165°	1987	2146	1987	2146	1987	561
175°	2066	2080	2066	2080	2066	196
180°	2066	2066	2066	2066	2066	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8
2.5°	4830.6	4830.6	4857.7	4866.8	4866.8	4853.2	4839.6	4853.2	4894.0	4907.6	4903.1
5°	4812.4	4848.7	4898.5	4907.6	4916.6	4912.1	4903.1	4912.1	4957.4	4966.5	4971.0
7.5°	4776.1	4844.2	4907.6	4921.2	4934.8	4921.2	4916.6	4925.7	4971.0	4980.1	4980.1
10°	4730.9	4826.0	4898.5	4907.6	4921.2	4907.6	4907.6	4925.7	4971.0	4980.1	4984.7
12.5°	4667.4	4798.8	4866.8	4875.8	4894.0	4889.4	4885.0	4903.1	4948.3	4957.4	4957.4
15°	4594.9	4749.0	4812.4	4821.5	4853.2	4844.2	4844.2	4862.3	4912.1	4925.7	4921.2
17.5°	4495.2	4685.5	4758.0	4771.7	4794.3	4789.8	4794.3	4812.4	4857.7	4866.8	4871.3
20°	4382.0	4599.4	4685.5	4699.1	4721.8	4721.8	4721.8	4744.5	4789.8	4807.9	4807.9
22.5°	4227.9	4508.8	4599.4	4608.5	4635.7	4635.7	4644.7	4676.4	4717.2	4721.8	4721.8
25°	4046.6	4409.1	4486.1	4513.4	4540.6	4554.1	4567.7	4585.8	4599.4	4594.9	4599.4
27.5°	3856.3	4282.3	4382.0	4400.1	4436.3	4449.9	4468.0	4472.6	4477.1	4490.7	4481.7
30°	3643.3	4105.5	4255.0	4273.2	4332.1	4341.2	4323.0	4332.1	4354.7	4363.8	4372.9
32.5°	3403.1	3842.7	4123.6	4164.4	4218.8	4191.7	4187.1	4200.7	4236.9	4236.9	4246.0
35°	3076.9	3638.8	4001.3	4037.5	4078.3	4046.6	4064.7	4069.3	4091.9	4105.5	4101.0
37.5°	2718.9	3462.0	3874.4	3901.6	3933.3	3892.5	3919.8	3933.3	3951.5	3942.3	3942.3
40°	2401.7	3185.6	3724.9	3743.0	3770.2	3738.5	3765.7	3774.7	3783.8	3774.7	3770.2
42.5°	2166.0	2882.0	3566.3	3589.0	3570.8	3593.4	3602.5	3620.6	3607.1	3589.0	3589.0
45°	1984.7	2800.4	3394.1	3421.2	3394.1	3430.3	3443.9	3443.9	3403.1	3394.1	3389.5
47.5°	1925.9	2637.3	3221.9	3221.9	3208.3	3253.6	3276.3	3244.5	3203.8	3190.1	3190.1
50°	1921.4	2456.0	2986.3	2968.1	3031.5	3086.0	3063.3	3031.5	2999.8	2950.0	2950.0
52.5°	1744.6	2234.0	2682.6	2750.6	2850.3	2882.0	2845.8	2814.1	2759.6	2737.0	2718.9
55°	1617.7	2003.0	2406.2	2542.2	2646.4	2687.1	2619.2	2587.4	2505.9	2492.3	2483.3
57.5°	1590.6	1667.6	2152.5	2324.7	2451.5	2447.0	2406.2	2347.3	2279.3	2265.7	2261.2
60°	1459.2	1205.4	1880.6	2084.4	2215.9	2202.3	2166.0	2111.7	2048.2	2039.2	2030.1
62.5°	1323.2	874.6	1572.4	1803.5	1989.3	1984.7	1953.1	1871.5	1826.2	1803.5	1785.4
65°	1123.8	734.1	1119.3	1500.0	1767.3	1776.3	1708.4	1649.5	1599.6	1572.4	1567.9
67.5°	856.5	598.1	756.8	1250.6	1554.3	1545.2	1459.2	1431.9	1368.5	1354.9	1327.7
70°	634.4	398.7	525.7	1015.1	1345.8	1323.2	1255.2	1223.5	1164.6	1132.8	1114.7
72.5°	525.7	321.7	385.2	788.5	1132.8	1105.7	1046.8	1010.5	960.6	933.5	915.4
75°	426.0	339.8	294.6	584.6	919.8	901.7	847.4	811.1	770.3	734.1	738.6
77.5°	312.7	317.2	235.7	430.5	729.5	702.4	670.6	625.4	607.2	571.0	571.0
80°	235.7	249.2	176.7	294.6	525.7	525.7	498.4	466.8	435.1	416.9	416.9
82.5°	158.6	158.6	131.4	185.8	358.0	344.4	326.3	317.2	299.1	290.0	290.0
85°	72.5	90.6	81.6	113.3	194.9	203.9	203.9	194.9	190.3	181.3	185.8
87.5°	22.7	40.8	49.8	63.5	99.7	104.3	108.7	108.7	108.7	113.3	113.3
90°	13.8	24.9	36.1	38.8	61.0	90.5	105.3	93.6	70.2	52.7	52.7
92.5°	55.4	149.7	244.0	267.6	376.2	521.0	593.4	520.0	373.4	263.4	253.0
95°	133.1	305.6	478.2	521.3	925.6	1464.9	1734.4	1547.7	1174.3	894.3	862.5
97.5°	230.1	382.3	534.6	572.6	1246.9	2145.9	2595.5	2477.5	2241.5	2064.5	2004.0
100°	305.0	443.1	581.1	615.6	1363.8	2361.5	2860.3	2869.0	2886.2	2899.1	2827.2
102.5°	368.8	497.6	626.4	658.6	1417.5	2429.3	2935.2	3085.5	3386.2	3611.8	3550.2
105°	476.9	586.0	695.1	722.4	1457.2	2436.9	2926.8	3263.9	3938.1	4443.6	4410.5
107.5°	587.9	689.5	791.2	816.7	1464.6	2328.6	2760.5	3230.7	4170.9	4876.2	4884.2
110°	662.8	754.5	846.4	869.3	1453.5	2232.4	2621.8	3147.5	4198.7	4987.2	5021.7



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	736.2	823.7	911.2	933.1	1453.9	2148.4	2495.7	3033.7	4109.5	4916.5	4969.5
115°	847.1	927.8	1008.6	1028.7	1467.4	2052.1	2344.6	2862.8	3899.2	4676.6	4750.1
117.5°	956.7	1030.0	1103.4	1121.7	1494.6	1991.9	2240.6	2708.3	3643.7	4345.2	4426.7
120°	1020.4	1089.4	1158.5	1175.8	1516.8	1971.6	2199.0	2626.4	3481.0	4122.0	4201.2
122.5°	1082.8	1152.5	1222.1	1239.5	1548.7	1961.0	2167.1	2551.9	3321.5	3898.8	3976.9
125°	1178.5	1242.0	1305.5	1321.3	1591.7	1952.2	2132.4	2459.3	3113.1	3603.4	3675.4
127.5°	1256.2	1320.3	1384.4	1400.3	1634.7	1947.1	2103.3	2383.9	2945.3	3366.3	3427.0
130°	1297.8	1366.8	1435.8	1453.0	1666.1	1950.2	2092.2	2342.1	2841.8	3216.6	3272.7
132.5°	1340.7	1409.7	1478.8	1496.0	1691.5	1952.2	2082.5	2306.2	2753.6	3089.1	3139.3
135°	1404.5	1467.4	1530.2	1545.9	1719.3	1950.4	2065.9	2253.2	2627.9	2908.9	2952.2
137.5°	1469.7	1531.9	1594.1	1609.7	1760.8	1962.3	2063.1	2221.5	2538.2	2775.7	2811.1
140°	1523.7	1581.0	1638.3	1652.7	1786.2	1964.3	2053.4	2190.1	2463.7	2668.9	2702.1
142.5°	1565.3	1618.3	1671.3	1684.6	1807.5	1971.4	2053.4	2173.5	2413.9	2594.1	2622.6
145°	1629.1	1675.4	1721.6	1733.1	1835.2	1971.4	2039.5	2137.8	2334.4	2481.8	2503.4
147.5°	1692.9	1737.8	1782.8	1794.1	1875.9	1985.0	2039.5	2116.8	2271.5	2387.5	2405.3
150°	1734.4	1775.2	1815.9	1826.0	1897.2	1992.1	2039.5	2104.9	2235.5	2333.4	2347.9
152.5°	1777.5	1808.3	1839.2	1846.8	1911.1	1996.7	2039.5	2095.3	2206.8	2290.5	2301.4
155°	1841.2	1864.1	1886.8	1892.5	1941.5	2006.9	2039.5	2083.9	2172.6	2239.1	2246.4
157.5°	1888.4	1910.6	1932.8	1938.3	1972.1	2017.1	2039.5	2074.0	2143.0	2194.8	2199.9
160°	1920.3	1937.5	1954.8	1959.1	1985.9	2021.7	2039.5	2069.1	2128.3	2172.6	2175.6
162.5°	1952.2	1965.1	1978.0	1981.3	2000.7	2026.6	2039.5	2064.5	2114.4	2151.8	2154.6
165°	1986.8	1998.5	2010.2	2013.1	2022.0	2033.7	2039.5	2057.4	2093.1	2119.9	2122.8
167.5°	2018.7	2024.3	2029.8	2031.2	2038.6	2048.5	2053.4	2065.1	2088.5	2106.0	2107.3
170°	2039.5	2045.1	2050.6	2052.0	2052.4	2053.0	2053.4	2065.1	2088.5	2106.0	2106.0
172.5°	2050.6	2051.9	2053.1	2053.4	2053.4	2053.4	2053.4	2062.7	2081.1	2095.0	2093.9
175°	2065.9	2065.9	2065.9	2065.9	2061.7	2056.2	2053.4	2059.3	2071.0	2079.7	2079.7
177.5°	2065.9	2065.9	2065.9	2065.9	2062.7	2058.3	2056.2	2060.8	2070.0	2076.9	2075.7
180°	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8
2.5°	4912.1	4898.5	4912.1	4903.1	4907.6	4894.0	4853.2	4839.6	4853.2	4866.8	4866.8
5°	4971.0	4962.0	4971.0	4971.0	4966.5	4957.4	4912.1	4903.1	4912.1	4916.6	4907.6
7.5°	4989.1	4975.6	4989.1	4980.1	4980.1	4971.0	4925.7	4916.6	4921.2	4934.8	4921.2
10°	4989.1	4975.6	4989.1	4984.7	4980.1	4971.0	4925.7	4907.6	4907.6	4921.2	4907.6
12.5°	4966.5	4957.4	4966.5	4957.4	4957.4	4948.3	4903.1	4885.0	4889.4	4894.0	4875.8
15°	4930.2	4916.6	4930.2	4921.2	4925.7	4912.1	4862.3	4844.2	4844.2	4853.2	4821.5
17.5°	4875.8	4857.7	4875.8	4871.3	4866.8	4857.7	4812.4	4794.3	4789.8	4794.3	4771.7
20°	4812.4	4798.8	4812.4	4807.9	4807.9	4789.8	4744.5	4721.8	4721.8	4721.8	4699.1
22.5°	4712.8	4699.1	4712.8	4721.8	4721.8	4717.2	4676.4	4644.7	4635.7	4635.7	4608.5
25°	4599.4	4585.8	4599.4	4599.4	4594.9	4599.4	4585.8	4567.7	4554.1	4540.6	4513.4
27.5°	4490.7	4481.7	4490.7	4481.7	4490.7	4477.1	4472.6	4468.0	4449.9	4436.3	4400.1
30°	4382.0	4372.9	4382.0	4372.9	4363.8	4354.7	4332.1	4323.0	4341.2	4332.1	4273.2
32.5°	4246.0	4236.9	4246.0	4246.0	4236.9	4236.9	4200.7	4187.1	4191.7	4218.8	4164.4
35°	4105.5	4091.9	4105.5	4101.0	4105.5	4091.9	4069.3	4064.7	4046.6	4078.3	4037.5
37.5°	3942.3	3928.8	3942.3	3942.3	3942.3	3951.5	3933.3	3919.8	3892.5	3933.3	3901.6
40°	3774.7	3756.6	3774.7	3770.2	3774.7	3783.8	3774.7	3765.7	3738.5	3770.2	3743.0
42.5°	3584.4	3579.9	3584.4	3589.0	3589.0	3607.1	3620.6	3602.5	3593.4	3570.8	3589.0
45°	3380.4	3371.4	3380.4	3389.5	3394.1	3403.1	3443.9	3443.9	3430.3	3394.1	3421.2
47.5°	3163.0	3140.3	3163.0	3190.1	3190.1	3203.8	3244.5	3276.3	3253.6	3208.3	3221.9
50°	2931.9	2936.4	2931.9	2950.0	2950.0	2999.8	3031.5	3063.3	3086.0	3031.5	2968.1
52.5°	2705.3	2700.8	2705.3	2718.9	2737.0	2759.6	2814.1	2845.8	2882.0	2850.3	2750.6
55°	2478.7	2487.8	2478.7	2483.3	2492.3	2505.9	2587.4	2619.2	2687.1	2646.4	2542.2
57.5°	2252.2	2238.5	2252.2	2261.2	2265.7	2279.3	2347.3	2406.2	2447.0	2451.5	2324.7
60°	1989.3	1971.2	1989.3	2030.1	2039.2	2048.2	2111.7	2166.0	2202.3	2215.9	2084.4
62.5°	1758.2	1726.5	1758.2	1785.4	1803.5	1826.2	1871.5	1953.1	1984.7	1989.3	1803.5
65°	1513.5	1500.0	1513.5	1567.9	1572.4	1599.6	1649.5	1708.4	1776.3	1767.3	1500.0
67.5°	1291.4	1291.4	1291.4	1327.7	1354.9	1368.5	1431.9	1459.2	1545.2	1554.3	1250.6
70°	1087.6	1083.0	1087.6	1114.7	1132.8	1164.6	1223.5	1255.2	1323.2	1345.8	1015.1
72.5°	892.7	888.2	892.7	915.4	933.5	960.6	1010.5	1046.8	1105.7	1132.8	788.5
75°	720.5	711.4	720.5	738.6	734.1	770.3	811.1	847.4	901.7	919.8	584.6
77.5°	552.8	552.8	552.8	571.0	571.0	607.2	625.4	670.6	702.4	729.5	430.5
80°	412.4	407.8	412.4	416.9	416.9	435.1	466.8	498.4	525.7	525.7	294.6
82.5°	290.0	280.9	290.0	290.0	290.0	299.1	317.2	326.3	344.4	358.0	185.8
85°	181.3	181.3	181.3	185.8	181.3	190.3	194.9	203.9	203.9	194.9	113.3
87.5°	117.8	113.3	117.8	113.3	113.3	108.7	108.7	108.7	104.3	99.7	63.5
90°	52.7	52.7	52.7	52.7	52.7	70.2	93.6	105.3	90.5	61.0	38.8
92.5°	211.0	169.2	211.0	253.0	263.4	373.4	520.0	593.4	521.0	376.2	267.6
95°	735.6	608.7	735.6	862.5	894.3	1174.3	1547.7	1734.4	1464.9	925.6	521.3
97.5°	1762.5	1520.9	1762.5	2004.0	2064.5	2241.5	2477.5	2595.5	2145.9	1246.9	572.6
100°	2539.4	2251.6	2539.4	2827.2	2899.1	2886.2	2869.0	2860.3	2361.5	1363.8	615.6
102.5°	3303.7	3057.2	3303.7	3550.2	3611.8	3386.2	3085.5	2935.2	2429.3	1417.5	658.6
105°	4278.1	4145.6	4278.1	4410.5	4443.6	3938.1	3263.9	2926.8	2436.9	1457.2	722.4
107.5°	4916.3	4948.3	4916.3	4884.2	4876.2	4170.9	3230.7	2760.5	2328.6	1464.6	816.7
110°	5159.7	5297.7	5159.7	5021.7	4987.2	4198.7	3147.5	2621.8	2232.4	1453.5	869.3





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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5181.4	5393.4	5181.4	4969.5	4916.5	4109.5	3033.7	2495.7	2148.4	1453.9	933.1
115°	5044.0	5338.0	5044.0	4750.1	4676.6	3899.2	2862.8	2344.6	2052.1	1467.4	1028.7
117.5°	4752.7	5078.7	4752.7	4426.7	4345.2	3643.7	2708.3	2240.6	1991.9	1494.6	1121.7
120°	4517.9	4834.6	4517.9	4201.2	4122.0	3481.0	2626.4	2199.0	1971.6	1516.8	1175.8
122.5°	4289.3	4601.7	4289.3	3976.9	3898.8	3321.5	2551.9	2167.1	1961.0	1548.7	1239.5
125°	3963.1	4250.9	3963.1	3675.4	3603.4	3113.1	2459.3	2132.4	1952.2	1591.7	1321.3
127.5°	3669.8	3912.6	3669.8	3427.0	3366.3	2945.3	2383.9	2103.3	1947.1	1634.7	1400.3
130°	3497.0	3721.3	3497.0	3272.7	3216.6	2841.8	2342.1	2092.2	1950.2	1666.1	1453.0
132.5°	3340.2	3541.0	3340.2	3139.3	3089.1	2753.6	2306.2	2082.5	1952.2	1691.5	1496.0
135°	3125.2	3298.4	3125.2	2952.2	2908.9	2627.9	2253.2	2065.9	1950.4	1719.3	1545.9
137.5°	2952.9	3094.6	2952.9	2811.1	2775.7	2538.2	2221.5	2063.1	1962.3	1760.8	1609.7
140°	2834.6	2967.1	2834.6	2702.1	2668.9	2463.7	2190.1	2053.4	1964.3	1786.2	1652.7
142.5°	2736.6	2850.6	2736.6	2622.6	2594.1	2413.9	2173.5	2053.4	1971.4	1807.5	1684.6
145°	2589.6	2675.9	2589.6	2503.4	2481.8	2334.4	2137.8	2039.5	1971.4	1835.2	1733.1
147.5°	2476.8	2548.3	2476.8	2405.3	2387.5	2271.5	2116.8	2039.5	1985.0	1875.9	1794.1
150°	2405.9	2463.8	2405.9	2347.9	2333.4	2235.5	2104.9	2039.5	1992.1	1897.2	1826.0
152.5°	2345.2	2388.9	2345.2	2301.4	2290.5	2206.8	2095.3	2039.5	1996.7	1911.1	1846.8
155°	2275.4	2304.3	2275.4	2246.4	2239.1	2172.6	2083.9	2039.5	2006.9	1941.5	1892.5
157.5°	2220.2	2240.6	2220.2	2199.9	2194.8	2143.0	2074.0	2039.5	2017.1	1972.1	1938.3
160°	2187.3	2199.0	2187.3	2175.6	2172.6	2128.3	2069.1	2039.5	2021.7	1985.9	1959.1
162.5°	2165.7	2176.7	2165.7	2154.6	2151.8	2114.4	2064.5	2039.5	2026.6	2000.7	1981.3
165°	2134.5	2146.3	2134.5	2122.8	2119.9	2093.1	2057.4	2039.5	2033.7	2022.0	2013.1
167.5°	2112.2	2117.1	2112.2	2107.3	2106.0	2088.5	2065.1	2053.4	2048.5	2038.6	2031.2
170°	2106.0	2106.0	2106.0	2106.0	2106.0	2088.5	2065.1	2053.4	2053.0	2052.4	2052.0
172.5°	2089.5	2085.2	2089.5	2093.9	2095.0	2081.1	2062.7	2053.4	2053.4	2053.4	2053.4
175°	2079.7	2079.7	2079.7	2079.7	2079.7	2071.0	2059.3	2053.4	2056.2	2061.7	2065.9
177.5°	2070.8	2065.9	2070.8	2075.7	2076.9	2070.0	2060.8	2056.2	2058.3	2062.7	2065.9
180°	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9



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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8
2.5°	4857.7	4830.6	4830.6	4785.2	4767.1	4753.6	4730.9	4662.9	4644.7	4626.6	4653.9
5°	4898.5	4848.7	4812.4	4730.9	4662.9	4635.7	4549.6	4386.4	4277.7	4196.1	4150.9
7.5°	4907.6	4844.2	4776.1	4649.3	4486.1	4413.6	4150.9	3851.7	3770.2	3697.7	3652.3
10°	4898.5	4826.0	4730.9	4540.6	4155.3	4028.5	3765.7	3570.8	3520.9	3507.4	3520.9
12.5°	4866.8	4798.8	4667.4	4350.2	3811.0	3724.9	3570.8	3457.5	3448.5	3471.1	3593.4
15°	4812.4	4749.0	4594.9	4096.4	3620.6	3557.2	3448.5	3407.7	3457.5	3616.1	3983.1
17.5°	4758.0	4685.5	4495.2	3847.2	3475.7	3430.3	3353.3	3434.9	3715.8	3928.8	4051.2
20°	4685.5	4599.4	4382.0	3666.0	3371.4	3330.6	3294.4	3661.4	3874.4	3951.5	4019.4
22.5°	4599.4	4508.8	4227.9	3539.1	3262.7	3230.9	3253.6	3788.3	3874.4	3928.8	3987.7
25°	4486.1	4409.1	4046.6	3439.4	3176.6	3140.3	3226.4	3774.7	3824.5	3838.2	3956.0
27.5°	4382.0	4282.3	3856.3	3348.8	3072.3	3058.7	3249.0	3715.8	3752.0	3765.7	3892.5
30°	4255.0	4105.5	3643.3	3253.6	2963.6	2959.0	3253.6	3643.3	3634.2	3670.5	3797.4
32.5°	4123.6	3842.7	3403.1	3135.8	2859.3	2854.9	3221.9	3534.5	3525.5	3575.3	3670.5
35°	4001.3	3638.8	3076.9	2999.8	2727.9	2732.5	3144.9	3407.7	3412.2	3457.5	3516.4
37.5°	3874.4	3462.0	2718.9	2850.3	2601.1	2601.1	3040.6	3289.8	3280.8	3294.4	3376.0
40°	3724.9	3185.6	2401.7	2655.5	2483.3	2469.6	2913.8	3163.0	3131.2	3126.8	3240.0
42.5°	3566.3	2882.0	2166.0	2397.1	2347.3	2329.2	2759.6	3008.9	2950.0	2963.6	3108.5
45°	3394.1	2800.4	1984.7	2025.5	2206.8	2193.3	2592.0	2832.2	2791.4	2827.6	2977.2
47.5°	3221.9	2637.3	1925.9	1681.2	2057.3	2052.8	2406.2	2660.0	2637.3	2673.6	2832.2
50°	2986.3	2456.0	1921.4	1441.0	1889.6	1907.7	2184.2	2492.3	2492.3	2524.1	2691.7
52.5°	2682.6	2234.0	1744.6	1305.1	1694.7	1749.2	1989.3	2347.3	2356.3	2388.1	2537.6
55°	2406.2	2003.0	1617.7	1200.8	1463.6	1581.5	1799.0	2197.7	2215.9	2247.6	2383.6
57.5°	2152.5	1667.6	1590.6	1078.5	1250.6	1364.0	1631.4	2052.8	2061.9	2089.0	2220.4
60°	1880.6	1205.4	1459.2	947.1	1064.9	1151.0	1477.3	1880.6	1912.3	1930.4	2043.7
62.5°	1572.4	874.6	1323.2	856.5	974.3	992.4	1350.4	1717.4	1758.2	1771.8	1839.8
65°	1119.3	734.1	1123.8	779.4	879.1	883.6	1214.4	1549.8	1586.0	1608.7	1658.5
67.5°	756.8	598.1	856.5	706.9	806.6	811.1	1083.0	1354.9	1404.7	1422.9	1454.6
70°	525.7	398.7	634.4	629.8	725.1	734.1	942.5	1178.2	1223.5	1237.1	1255.2
72.5°	385.2	321.7	525.7	566.5	638.9	648.0	797.6	978.8	1024.1	1037.7	1046.8
75°	294.6	339.8	426.0	493.9	543.8	548.3	652.5	797.6	829.2	838.3	842.8
77.5°	235.7	317.2	312.7	398.7	444.1	435.1	512.1	616.3	643.5	643.5	643.5
80°	176.7	249.2	235.7	285.5	326.3	317.2	367.0	439.5	448.6	457.6	453.2
82.5°	131.4	158.6	158.6	181.3	217.5	208.4	244.7	285.5	285.5	285.5	294.6
85°	81.6	90.6	72.5	95.2	122.4	117.8	135.9	154.1	158.6	158.6	149.5
87.5°	49.8	40.8	22.7	36.2	54.4	54.4	63.5	67.9	63.5	63.5	63.5
90°	36.1	24.9	13.8	24.9	36.1	38.8	61.0	90.5	105.3	93.6	70.2
92.5°	244.0	149.7	55.4	149.7	244.0	267.6	376.2	521.0	593.4	520.0	373.4
95°	478.2	305.6	133.1	305.6	478.2	521.3	925.6	1464.9	1734.4	1547.7	1174.3
97.5°	534.6	382.3	230.1	382.3	534.6	572.6	1246.9	2145.9	2595.5	2477.5	2241.5
100°	581.1	443.1	305.0	443.1	581.1	615.6	1363.8	2361.5	2860.3	2869.0	2886.2
102.5°	626.4	497.6	368.8	497.6	626.4	658.6	1417.5	2429.3	2935.2	3085.5	3386.2
105°	695.1	586.0	476.9	586.0	695.1	722.4	1457.2	2436.9	2926.8	3263.9	3938.1
107.5°	791.2	689.5	587.9	689.5	791.2	816.7	1464.6	2328.6	2760.5	3230.7	4170.9
110°	846.4	754.5	662.8	754.5	846.4	869.3	1453.5	2232.4	2621.8	3147.5	4198.7



TEST NUMBER: P935727

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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	911.2	823.7	736.2	823.7	911.2	933.1	1453.9	2148.4	2495.7	3033.7	4109.5
115°	1008.6	927.8	847.1	927.8	1008.6	1028.7	1467.4	2052.1	2344.6	2862.8	3899.2
117.5°	1103.4	1030.0	956.7	1030.0	1103.4	1121.7	1494.6	1991.9	2240.6	2708.3	3643.7
120°	1158.5	1089.4	1020.4	1089.4	1158.5	1175.8	1516.8	1971.6	2199.0	2626.4	3481.0
122.5°	1222.1	1152.5	1082.8	1152.5	1222.1	1239.5	1548.7	1961.0	2167.1	2551.9	3321.5
125°	1305.5	1242.0	1178.5	1242.0	1305.5	1321.3	1591.7	1952.2	2132.4	2459.3	3113.1
127.5°	1384.4	1320.3	1256.2	1320.3	1384.4	1400.3	1634.7	1947.1	2103.3	2383.9	2945.3
130°	1435.8	1366.8	1297.8	1366.8	1435.8	1453.0	1666.1	1950.2	2092.2	2342.1	2841.8
132.5°	1478.8	1409.7	1340.7	1409.7	1478.8	1496.0	1691.5	1952.2	2082.5	2306.2	2753.6
135°	1530.2	1467.4	1404.5	1467.4	1530.2	1545.9	1719.3	1950.4	2065.9	2253.2	2627.9
137.5°	1594.1	1531.9	1469.7	1531.9	1594.1	1609.7	1760.8	1962.3	2063.1	2221.5	2538.2
140°	1638.3	1581.0	1523.7	1581.0	1638.3	1652.7	1786.2	1964.3	2053.4	2190.1	2463.7
142.5°	1671.3	1618.3	1565.3	1618.3	1671.3	1684.6	1807.5	1971.4	2053.4	2173.5	2413.9
145°	1721.6	1675.4	1629.1	1675.4	1721.6	1733.1	1835.2	1971.4	2039.5	2137.8	2334.4
147.5°	1782.8	1737.8	1692.9	1737.8	1782.8	1794.1	1875.9	1985.0	2039.5	2116.8	2271.5
150°	1815.9	1775.2	1734.4	1775.2	1815.9	1826.0	1897.2	1992.1	2039.5	2104.9	2235.5
152.5°	1839.2	1808.3	1777.5	1808.3	1839.2	1846.8	1911.1	1996.7	2039.5	2095.3	2206.8
155°	1886.8	1864.1	1841.2	1864.1	1886.8	1892.5	1941.5	2006.9	2039.5	2083.9	2172.6
157.5°	1932.8	1910.6	1888.4	1910.6	1932.8	1938.3	1972.1	2017.1	2039.5	2074.0	2143.0
160°	1954.8	1937.5	1920.3	1937.5	1954.8	1959.1	1985.9	2021.7	2039.5	2069.1	2128.3
162.5°	1978.0	1965.1	1952.2	1965.1	1978.0	1981.3	2000.7	2026.6	2039.5	2064.5	2114.4
165°	2010.2	1998.5	1986.8	1998.5	2010.2	2013.1	2022.0	2033.7	2039.5	2057.4	2093.1
167.5°	2029.8	2024.3	2018.7	2024.3	2029.8	2031.2	2038.6	2048.5	2053.4	2065.1	2088.5
170°	2050.6	2045.1	2039.5	2045.1	2050.6	2052.0	2052.4	2053.0	2053.4	2065.1	2088.5
172.5°	2053.1	2051.9	2050.6	2051.9	2053.1	2053.4	2053.4	2053.4	2053.4	2062.7	2081.1
175°	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2061.7	2056.2	2053.4	2059.3	2071.0
177.5°	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2062.7	2058.3	2056.2	2060.8	2070.0
180°	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8	4789.8
2.5°	4622.1	4608.5	4626.6	4576.8	4626.6	4608.5	4622.1	4653.9	4626.6	4644.7	4662.9
5°	4055.7	4033.0	3960.5	3901.6	3960.5	4033.0	4055.7	4150.9	4196.1	4277.7	4386.4
7.5°	3625.2	3607.1	3589.0	3552.7	3589.0	3607.1	3625.2	3652.3	3697.7	3770.2	3851.7
10°	3530.0	3534.5	3561.7	3557.2	3561.7	3534.5	3530.0	3520.9	3507.4	3520.9	3570.8
12.5°	3774.7	3815.5	3965.0	3956.0	3965.0	3815.5	3774.7	3593.4	3471.1	3448.5	3457.5
15°	4055.7	4069.3	4101.0	4105.5	4101.0	4069.3	4055.7	3983.1	3616.1	3457.5	3407.7
17.5°	4082.8	4087.4	4110.1	4110.1	4110.1	4087.4	4082.8	4051.2	3928.8	3715.8	3434.9
20°	4060.2	4069.3	4114.6	4123.6	4114.6	4069.3	4060.2	4019.4	3951.5	3874.4	3661.4
22.5°	4051.2	4069.3	4105.5	4101.0	4105.5	4069.3	4051.2	3987.7	3928.8	3874.4	3788.3
25°	4005.8	4005.8	4010.4	4014.9	4010.4	4005.8	4005.8	3956.0	3838.2	3824.5	3774.7
27.5°	3910.7	3919.8	3946.9	3942.3	3946.9	3919.8	3910.7	3892.5	3765.7	3752.0	3715.8
30°	3824.5	3815.5	3792.8	3774.7	3792.8	3815.5	3824.5	3797.4	3670.5	3634.2	3643.3
32.5°	3679.6	3656.9	3634.2	3620.6	3634.2	3656.9	3679.6	3670.5	3575.3	3525.5	3534.5
35°	3507.4	3511.9	3507.4	3493.8	3507.4	3511.9	3507.4	3516.4	3457.5	3412.2	3407.7
37.5°	3385.0	3394.1	3389.5	3371.4	3389.5	3394.1	3385.0	3376.0	3294.4	3280.8	3289.8
40°	3258.2	3262.7	3258.2	3244.5	3258.2	3262.7	3258.2	3240.0	3126.8	3131.2	3163.0
42.5°	3135.8	3131.2	3117.7	3108.5	3117.7	3131.2	3135.8	3108.5	2963.6	2950.0	3008.9
45°	2995.3	2999.8	2972.6	2959.0	2972.6	2999.8	2995.3	2977.2	2827.6	2791.4	2832.2
47.5°	2854.9	2854.9	2832.2	2818.5	2832.2	2854.9	2854.9	2832.2	2673.6	2637.3	2660.0
50°	2705.3	2700.8	2669.0	2664.5	2669.0	2700.8	2705.3	2691.7	2524.1	2492.3	2492.3
52.5°	2533.1	2533.1	2537.6	2546.6	2537.6	2533.1	2533.1	2537.6	2388.1	2356.3	2347.3
55°	2383.6	2388.1	2419.8	2428.9	2419.8	2388.1	2383.6	2383.6	2247.6	2215.9	2197.7
57.5°	2229.5	2229.5	2252.2	2252.2	2252.2	2229.5	2229.5	2220.4	2089.0	2061.9	2052.8
60°	2052.8	2061.9	2080.0	2075.4	2080.0	2061.9	2052.8	2043.7	1930.4	1912.3	1880.6
62.5°	1867.0	1876.0	1880.6	1871.5	1880.6	1876.0	1867.0	1839.8	1771.8	1758.2	1717.4
65°	1672.1	1681.2	1685.7	1676.6	1685.7	1681.2	1672.1	1658.5	1608.7	1586.0	1549.8
67.5°	1472.7	1468.2	1463.6	1481.7	1463.6	1468.2	1472.7	1454.6	1422.9	1404.7	1354.9
70°	1268.8	1268.8	1264.3	1273.3	1264.3	1268.8	1268.8	1255.2	1237.1	1223.5	1178.2
72.5°	1051.3	1046.8	1064.9	1051.3	1064.9	1046.8	1051.3	1046.8	1037.7	1024.1	978.8
75°	838.3	847.4	838.3	851.9	838.3	847.4	838.3	842.8	838.3	829.2	797.6
77.5°	638.9	648.0	638.9	638.9	638.9	648.0	638.9	643.5	643.5	643.5	616.3
80°	453.2	448.6	448.6	444.1	448.6	448.6	453.2	453.2	457.6	448.6	439.5
82.5°	290.0	285.5	285.5	294.6	285.5	285.5	290.0	294.6	285.5	285.5	285.5
85°	158.6	163.2	154.1	154.1	154.1	163.2	158.6	149.5	158.6	158.6	154.1
87.5°	58.9	54.4	54.4	54.4	54.4	54.4	58.9	63.5	63.5	63.5	67.9
90°	52.7	52.7	52.7	52.7	52.7	52.7	52.7	70.2	93.6	105.3	90.5
92.5°	263.4	253.0	211.0	169.2	211.0	253.0	263.4	373.4	520.0	593.4	521.0
95°	894.3	862.5	735.6	608.7	735.6	862.5	894.3	1174.3	1547.7	1734.4	1464.9
97.5°	2064.5	2004.0	1762.5	1520.9	1762.5	2004.0	2064.5	2241.5	2477.5	2595.5	2145.9
100°	2899.1	2827.2	2539.4	2251.6	2539.4	2827.2	2899.1	2886.2	2869.0	2860.3	2361.5
102.5°	3611.8	3550.2	3303.7	3057.2	3303.7	3550.2	3611.8	3386.2	3085.5	2935.2	2429.3
105°	4443.6	4410.5	4278.1	4145.6	4278.1	4410.5	4443.6	3938.1	3263.9	2926.8	2436.9
107.5°	4876.2	4884.2	4916.3	4948.3	4916.3	4884.2	4876.2	4170.9	3230.7	2760.5	2328.6
110°	4987.2	5021.7	5159.7	5297.7	5159.7	5021.7	4987.2	4198.7	3147.5	2621.8	2232.4



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4916.5	4969.5	5181.4	5393.4	5181.4	4969.5	4916.5	4109.5	3033.7	2495.7	2148.4
115°	4676.6	4750.1	5044.0	5338.0	5044.0	4750.1	4676.6	3899.2	2862.8	2344.6	2052.1
117.5°	4345.2	4426.7	4752.7	5078.7	4752.7	4426.7	4345.2	3643.7	2708.3	2240.6	1991.9
120°	4122.0	4201.2	4517.9	4834.6	4517.9	4201.2	4122.0	3481.0	2626.4	2199.0	1971.6
122.5°	3898.8	3976.9	4289.3	4601.7	4289.3	3976.9	3898.8	3321.5	2551.9	2167.1	1961.0
125°	3603.4	3675.4	3963.1	4250.9	3963.1	3675.4	3603.4	3113.1	2459.3	2132.4	1952.2
127.5°	3366.3	3427.0	3669.8	3912.6	3669.8	3427.0	3366.3	2945.3	2383.9	2103.3	1947.1
130°	3216.6	3272.7	3497.0	3721.3	3497.0	3272.7	3216.6	2841.8	2342.1	2092.2	1950.2
132.5°	3089.1	3139.3	3340.2	3541.0	3340.2	3139.3	3089.1	2753.6	2306.2	2082.5	1952.2
135°	2908.9	2952.2	3125.2	3298.4	3125.2	2952.2	2908.9	2627.9	2253.2	2065.9	1950.4
137.5°	2775.7	2811.1	2952.9	3094.6	2952.9	2811.1	2775.7	2538.2	2221.5	2063.1	1962.3
140°	2668.9	2702.1	2834.6	2967.1	2834.6	2702.1	2668.9	2463.7	2190.1	2053.4	1964.3
142.5°	2594.1	2622.6	2736.6	2850.6	2736.6	2622.6	2594.1	2413.9	2173.5	2053.4	1971.4
145°	2481.8	2503.4	2589.6	2675.9	2589.6	2503.4	2481.8	2334.4	2137.8	2039.5	1971.4
147.5°	2387.5	2405.3	2476.8	2548.3	2476.8	2405.3	2387.5	2271.5	2116.8	2039.5	1985.0
150°	2333.4	2347.9	2405.9	2463.8	2405.9	2347.9	2333.4	2235.5	2104.9	2039.5	1992.1
152.5°	2290.5	2301.4	2345.2	2388.9	2345.2	2301.4	2290.5	2206.8	2095.3	2039.5	1996.7
155°	2239.1	2246.4	2275.4	2304.3	2275.4	2246.4	2239.1	2172.6	2083.9	2039.5	2006.9
157.5°	2194.8	2199.9	2220.2	2240.6	2220.2	2199.9	2194.8	2143.0	2074.0	2039.5	2017.1
160°	2172.6	2175.6	2187.3	2199.0	2187.3	2175.6	2172.6	2128.3	2069.1	2039.5	2021.7
162.5°	2151.8	2154.6	2165.7	2176.7	2165.7	2154.6	2151.8	2114.4	2064.5	2039.5	2026.6
165°	2119.9	2122.8	2134.5	2146.3	2134.5	2122.8	2119.9	2093.1	2057.4	2039.5	2033.7
167.5°	2106.0	2107.3	2112.2	2117.1	2112.2	2107.3	2106.0	2088.5	2065.1	2053.4	2048.5
170°	2106.0	2106.0	2106.0	2106.0	2106.0	2106.0	2106.0	2088.5	2065.1	2053.4	2053.0
172.5°	2095.0	2093.9	2089.5	2085.2	2089.5	2093.9	2095.0	2081.1	2062.7	2053.4	2053.4
175°	2079.7	2079.7	2079.7	2079.7	2079.7	2079.7	2079.7	2071.0	2059.3	2053.4	2056.2
177.5°	2076.9	2075.7	2070.8	2065.9	2070.8	2075.7	2076.9	2070.0	2060.8	2056.2	2058.3
180°	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9	2065.9



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	4789.8	4789.8	4789.8	4789.8	4789.8
2.5°	4730.9	4753.6	4767.1	4785.2	4830.6
5°	4549.6	4635.7	4662.9	4730.9	4812.4
7.5°	4150.9	4413.6	4486.1	4649.3	4776.1
10°	3765.7	4028.5	4155.3	4540.6	4730.9
12.5°	3570.8	3724.9	3811.0	4350.2	4667.4
15°	3448.5	3557.2	3620.6	4096.4	4594.9
17.5°	3353.3	3430.3	3475.7	3847.2	4495.2
20°	3294.4	3330.6	3371.4	3666.0	4382.0
22.5°	3253.6	3230.9	3262.7	3539.1	4227.9
25°	3226.4	3140.3	3176.6	3439.4	4046.6
27.5°	3249.0	3058.7	3072.3	3348.8	3856.3
30°	3253.6	2959.0	2963.6	3253.6	3643.3
32.5°	3221.9	2854.9	2859.3	3135.8	3403.1
35°	3144.9	2732.5	2727.9	2999.8	3076.9
37.5°	3040.6	2601.1	2601.1	2850.3	2718.9
40°	2913.8	2469.6	2483.3	2655.5	2401.7
42.5°	2759.6	2329.2	2347.3	2397.1	2166.0
45°	2592.0	2193.3	2206.8	2025.5	1984.7
47.5°	2406.2	2052.8	2057.3	1681.2	1925.9
50°	2184.2	1907.7	1889.6	1441.0	1921.4
52.5°	1989.3	1749.2	1694.7	1305.1	1744.6
55°	1799.0	1581.5	1463.6	1200.8	1617.7
57.5°	1631.4	1364.0	1250.6	1078.5	1590.6
60°	1477.3	1151.0	1064.9	947.1	1459.2
62.5°	1350.4	992.4	974.3	856.5	1323.2
65°	1214.4	883.6	879.1	779.4	1123.8
67.5°	1083.0	811.1	806.6	706.9	856.5
70°	942.5	734.1	725.1	629.8	634.4
72.5°	797.6	648.0	638.9	566.5	525.7
75°	652.5	548.3	543.8	493.9	426.0
77.5°	512.1	435.1	444.1	398.7	312.7
80°	367.0	317.2	326.3	285.5	235.7
82.5°	244.7	208.4	217.5	181.3	158.6
85°	135.9	117.8	122.4	95.2	72.5
87.5°	63.5	54.4	54.4	36.2	22.7
90°	61.0	38.8	36.1	24.9	13.8
92.5°	376.2	267.6	244.0	149.7	55.4
95°	925.6	521.3	478.2	305.6	133.1
97.5°	1246.9	572.6	534.6	382.3	230.1
100°	1363.8	615.6	581.1	443.1	305.0
102.5°	1417.5	658.6	626.4	497.6	368.8
105°	1457.2	722.4	695.1	586.0	476.9
107.5°	1464.6	816.7	791.2	689.5	587.9
110°	1453.5	869.3	846.4	754.5	662.8



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CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-12-3500K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	1453.9	933.1	911.2	823.7	736.2
115°	1467.4	1028.7	1008.6	927.8	847.1
117.5°	1494.6	1121.7	1103.4	1030.0	956.7
120°	1516.8	1175.8	1158.5	1089.4	1020.4
122.5°	1548.7	1239.5	1222.1	1152.5	1082.8
125°	1591.7	1321.3	1305.5	1242.0	1178.5
127.5°	1634.7	1400.3	1384.4	1320.3	1256.2
130°	1666.1	1453.0	1435.8	1366.8	1297.8
132.5°	1691.5	1496.0	1478.8	1409.7	1340.7
135°	1719.3	1545.9	1530.2	1467.4	1404.5
137.5°	1760.8	1609.7	1594.1	1531.9	1469.7
140°	1786.2	1652.7	1638.3	1581.0	1523.7
142.5°	1807.5	1684.6	1671.3	1618.3	1565.3
145°	1835.2	1733.1	1721.6	1675.4	1629.1
147.5°	1875.9	1794.1	1782.8	1737.8	1692.9
150°	1897.2	1826.0	1815.9	1775.2	1734.4
152.5°	1911.1	1846.8	1839.2	1808.3	1777.5
155°	1941.5	1892.5	1886.8	1864.1	1841.2
157.5°	1972.1	1938.3	1932.8	1910.6	1888.4
160°	1985.9	1959.1	1954.8	1937.5	1920.3
162.5°	2000.7	1981.3	1978.0	1965.1	1952.2
165°	2022.0	2013.1	2010.2	1998.5	1986.8
167.5°	2038.6	2031.2	2029.8	2024.3	2018.7
170°	2052.4	2052.0	2050.6	2045.1	2039.5
172.5°	2053.4	2053.4	2053.1	2051.9	2050.6
175°	2061.7	2065.9	2065.9	2065.9	2065.9
177.5°	2062.7	2065.9	2065.9	2065.9	2065.9
180°	2065.9	2065.9	2065.9	2065.9	2065.9



TEST NUMBER: P935727  
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**CIE UGR TABLE:**

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.00	14.85	14.98	15.83	17.13	16.85	17.70	17.83	18.69	19.98
	3H	14.48	15.23	15.46	16.23	17.55	18.20	18.96	19.19	19.96	21.28
	4H	14.67	15.38	15.67	16.38	17.71	18.65	19.37	19.65	20.37	21.70
	6H	14.79	15.45	15.79	16.45	17.79	18.94	19.60	19.95	20.61	21.95
	8H	14.79	15.41	15.80	16.44	17.77	19.02	19.65	20.03	20.67	22.00
	12H	14.76	15.35	15.78	16.37	17.73	19.06	19.66	20.08	20.67	22.03
4H	2H	15.04	15.75	16.04	16.75	18.08	17.26	17.98	18.26	18.98	20.30
	3H	16.06	16.66	17.08	17.69	19.03	18.77	19.37	19.78	20.40	21.74
	4H	16.34	16.88	17.36	17.91	19.27	19.30	19.85	20.32	20.87	22.23
	6H	16.46	16.93	17.49	17.98	19.34	19.67	20.14	20.70	21.19	22.55
	8H	16.47	16.91	17.50	17.94	19.32	19.78	20.22	20.81	21.26	22.63
	12H	16.43	16.83	17.49	17.88	19.26	19.84	20.24	20.89	21.29	22.67
8H	4H	16.79	17.23	17.83	18.27	19.65	19.42	19.86	20.46	20.90	22.28
	6H	17.06	17.42	18.11	18.50	19.87	19.87	20.23	20.92	21.31	22.68
	8H	17.10	17.42	18.16	18.48	19.87	20.02	20.34	21.09	21.40	22.80
	12H	17.08	17.36	18.15	18.42	19.85	20.12	20.40	21.19	21.46	22.90
12H	4H	16.80	17.20	17.85	18.25	19.63	19.39	19.78	20.44	20.84	22.22
	6H	17.12	17.44	18.18	18.50	19.89	19.86	20.18	20.93	21.25	22.64
	8H	17.18	17.46	18.25	18.52	19.96	20.03	20.31	21.09	21.37	22.80