

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: P935364

Luminaire Tested: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-5000K

Issue Date: 12/17/2024

**Test Information**

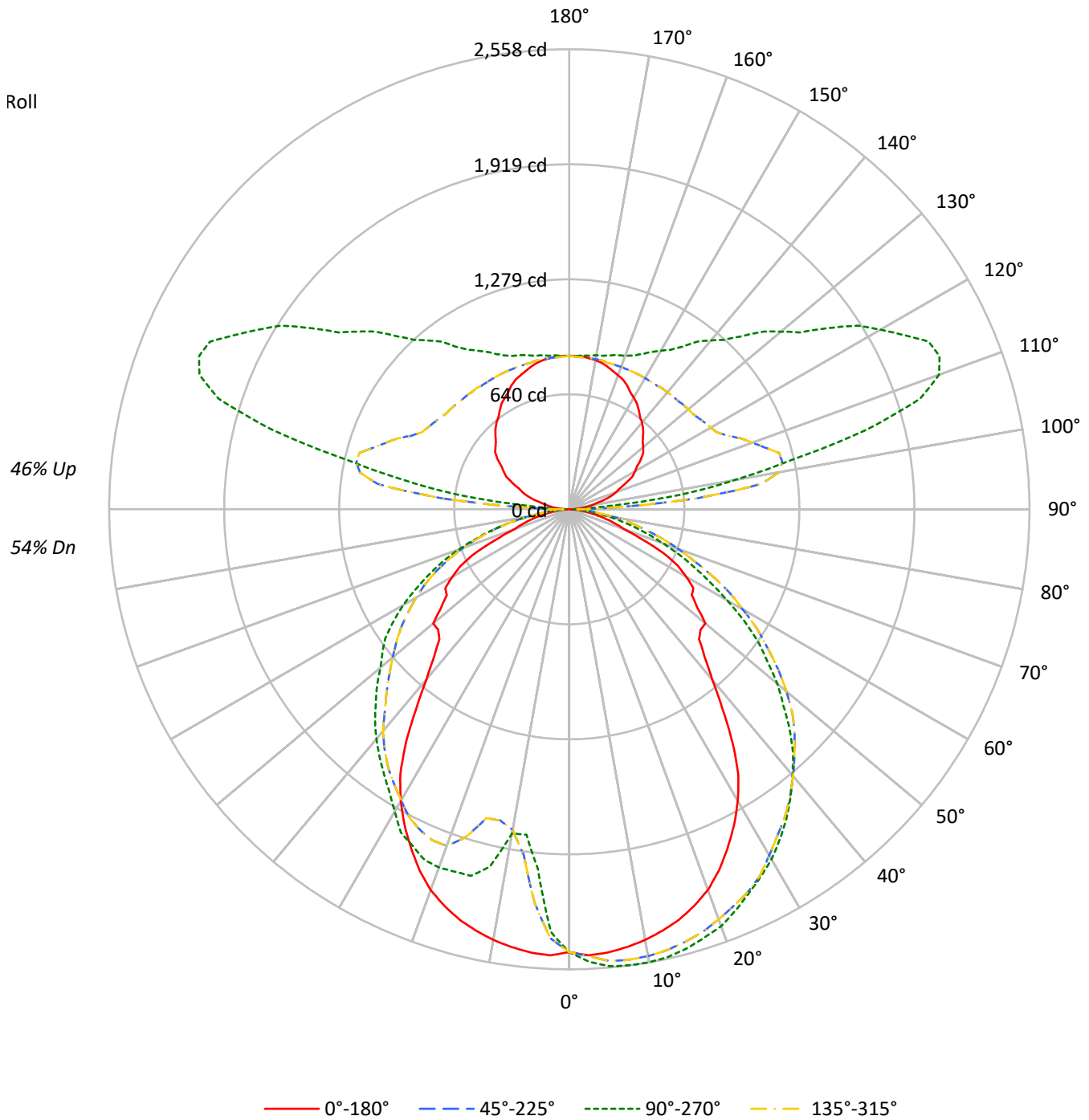
Test Method: LM-79-2019  
Report Number: P935364  
REPORT IS A COMBINATION OF REPORTS P933751 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-5000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11917.2 lumens  
Efficiency: N/A  
Efficacy: 115.5 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: General Diffuse  
  
Input Watts (W): 103.2  
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





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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	0
RCR																		
0	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59	54
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50	45
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42	38
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36	32
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31	28
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27	24
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24	21
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21	19
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19	17
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17	15
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15	13

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

	0°	90°	180°	270°
0°	15230	15230	15230	15230
5°	15338	15374	15338	12088
10°	15230	15144	15230	10827
15°	15059	14816	15059	12371
20°	14739	14428	14739	12398
25°	14088	13861	14088	12135
30°	13249	13390	13249	11559
35°	11806	12795	11806	10924
40°	9832	12094	9832	10445
45°	8779	11274	8779	9895
50°	9320	10295	9320	9342
55°	8759	9240	8759	9022
60°	9019	7848	9019	8263
65°	8164	6488	8164	7252
70°	5640	5171	5640	6079
75°	4928	3822	4928	4577
80°	3942	2526	3942	2751
85°	2224	1337	2224	1138

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 13463 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	222.2	1.9
10°-20°	631.0	5.3
20°-30°	975.4	8.2
30°-40°	1164.4	9.8
40°-50°	1171.2	9.8
50°-60°	1019.1	8.6
60°-70°	722.6	6.1
70°-80°	382.3	3.2
80°-90°	98.5	0.8
90°-100°	415.8	3.5
100°-110°	1093.3	9.2
110°-120°	1133.6	9.5
120°-130°	909.3	7.6
130°-140°	713.5	6.0
140°-150°	547.6	4.6
150°-160°	394.4	3.3
160°-170°	241.3	2.0
170°-180°	81.5	0.7
0°-30°	1828.6	15.3
0°-40°	2993.0	25.1
0°-60°	5183.4	43.5
0°-90°	6386.7	53.6
90°-120°	2642.8	22.2
90°-150°	4813.2	40.4
90°-180°	5530.0	46.4
0°-180°	11917.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2462	2462	2462	2462	2462	
5°	2474	2550	2474	2005	2474	235
15°	2362	2527	2362	2110	2362	665
25°	2080	2357	2080	2064	2080	955
35°	1582	2103	1582	1796	1582	978
45°	1020	1733	1020	1521	1020	817
55°	832	1279	832	1248	832	764
65°	578	771	578	862	578	552
75°	219	366	219	438	219	230
85°	37	93	37	79	37	50
90°	6	22	6	22	6	6
95°	55	251	55	251	55	61
105°	197	1712	197	1712	197	209
115°	350	2204	350	2204	350	346
125°	487	1756	487	1756	487	432
135°	580	1362	580	1362	580	449
145°	673	1105	673	1105	673	421
155°	760	952	760	952	760	349
165°	820	886	820	886	820	232
175°	853	859	853	859	853	81
180°	853	853	853	853	853	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0
2.5°	2482.9	2482.9	2497.0	2501.5	2501.5	2494.6	2487.6	2494.6	2515.6	2522.6	2520.2
5°	2473.6	2492.3	2517.9	2522.6	2527.2	2524.9	2520.2	2524.9	2548.2	2552.8	2555.1
7.5°	2455.0	2489.9	2522.6	2529.5	2536.5	2529.5	2527.2	2531.8	2555.1	2559.8	2559.8
10°	2431.7	2480.6	2517.9	2522.6	2529.5	2522.6	2522.6	2531.8	2555.1	2559.8	2562.1
12.5°	2399.1	2466.7	2501.5	2506.2	2515.6	2513.2	2510.9	2520.2	2543.5	2548.2	2548.2
15°	2361.9	2441.0	2473.6	2478.3	2494.6	2489.9	2489.9	2499.3	2524.9	2531.8	2529.5
17.5°	2310.6	2408.4	2445.7	2452.6	2464.3	2462.0	2464.3	2473.6	2497.0	2501.5	2503.9
20°	2252.4	2364.2	2408.4	2415.4	2427.0	2427.0	2427.0	2438.7	2462.0	2471.3	2471.3
22.5°	2173.2	2317.5	2364.2	2368.8	2382.8	2382.8	2387.5	2403.7	2424.7	2427.0	2427.0
25°	2080.0	2266.3	2305.9	2319.9	2333.9	2340.9	2347.8	2357.2	2364.2	2361.9	2364.2
27.5°	1982.1	2201.1	2252.4	2261.7	2280.3	2287.3	2296.6	2298.9	2301.3	2308.3	2303.6
30°	1872.6	2110.2	2187.1	2196.4	2226.7	2231.4	2222.1	2226.7	2238.3	2243.0	2247.7
32.5°	1749.2	1975.2	2119.6	2140.5	2168.5	2154.6	2152.2	2159.2	2177.8	2177.8	2182.5
35°	1581.6	1870.4	2056.7	2075.4	2096.3	2080.0	2089.3	2091.6	2103.3	2110.2	2107.9
37.5°	1397.6	1779.5	1991.5	2005.4	2021.8	2000.8	2014.8	2021.8	2031.0	2026.5	2026.5
40°	1234.5	1637.4	1914.6	1923.9	1937.9	1921.6	1935.6	1940.3	1944.9	1940.3	1937.9
42.5°	1113.3	1481.3	1833.1	1844.8	1835.4	1847.0	1851.7	1861.1	1854.0	1844.8	1844.8
45°	1020.2	1439.5	1744.5	1758.6	1744.5	1763.3	1770.2	1770.2	1749.2	1744.5	1742.2
47.5°	989.9	1355.6	1656.1	1656.1	1649.1	1672.4	1684.1	1667.7	1646.7	1639.7	1639.7
50°	987.6	1262.5	1534.9	1525.7	1558.2	1586.2	1574.6	1558.2	1541.9	1516.3	1516.3
52.5°	896.8	1148.3	1378.9	1413.8	1465.1	1481.3	1462.7	1446.5	1418.5	1406.8	1397.6
55°	831.5	1029.5	1236.8	1306.7	1360.3	1381.2	1346.3	1330.0	1288.1	1281.1	1276.4
57.5°	817.6	857.1	1106.4	1194.9	1260.1	1257.8	1236.8	1206.5	1171.6	1164.6	1162.3
60°	750.0	619.5	966.6	1071.4	1139.0	1132.0	1113.3	1085.4	1052.8	1048.2	1043.5
62.5°	680.1	449.6	808.2	927.1	1022.5	1020.2	1003.9	961.9	938.7	927.1	917.7
65°	577.7	377.4	575.3	771.0	908.4	913.0	878.1	847.9	822.3	808.2	805.9
67.5°	440.2	307.4	389.0	642.8	798.9	794.3	750.0	736.0	703.4	696.4	682.5
70°	326.1	205.0	270.2	521.7	691.8	680.1	645.2	628.9	598.6	582.3	573.0
72.5°	270.2	165.4	197.9	405.3	582.3	568.3	538.0	519.4	493.8	479.9	470.5
75°	219.0	174.7	151.4	300.5	472.8	463.5	435.5	416.9	396.0	377.4	379.7
77.5°	160.7	163.1	121.1	221.3	375.0	361.0	344.7	321.5	312.1	293.5	293.5
80°	121.1	128.1	90.9	151.4	270.2	270.2	256.2	239.9	223.6	214.3	214.3
82.5°	81.5	81.5	67.5	95.5	184.0	177.0	167.7	163.1	153.7	149.0	149.0
85°	37.3	46.6	41.9	58.3	100.1	104.8	104.8	100.1	97.8	93.1	95.5
87.5°	11.7	20.9	25.6	32.6	51.2	53.6	55.9	55.9	55.9	58.3	58.3
90°	5.7	10.3	14.9	16.1	25.2	37.4	43.5	38.6	29.0	21.7	21.7
92.5°	22.9	61.9	100.8	110.5	155.4	215.1	245.0	214.7	154.2	108.7	104.4
95°	55.0	126.2	197.5	215.3	382.3	604.9	716.3	639.2	484.9	369.3	356.2
97.5°	95.1	157.9	220.8	236.5	514.9	886.2	1071.9	1023.1	925.7	852.5	827.6
100°	126.0	183.0	240.0	254.2	563.2	975.1	1181.2	1184.7	1191.9	1197.2	1167.5
102.5°	152.3	205.6	258.7	272.0	585.4	1003.2	1212.1	1274.2	1398.4	1491.5	1466.1
105°	196.9	242.0	287.1	298.3	601.8	1006.4	1208.7	1347.9	1626.2	1835.0	1821.3
107.5°	242.7	284.8	326.8	337.3	604.9	961.6	1140.0	1334.1	1722.4	2013.7	2017.0
110°	273.7	311.6	349.6	359.0	600.3	921.9	1082.7	1299.7	1733.9	2059.5	2073.7



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	304.0	340.2	376.3	385.3	600.4	887.2	1030.6	1252.7	1697.1	2030.3	2052.1
115°	349.8	383.1	416.4	424.8	606.0	847.4	968.2	1182.2	1610.3	1931.3	1961.7
117.5°	395.1	425.4	455.6	463.2	617.1	822.5	925.2	1118.4	1504.7	1794.4	1828.0
120°	421.4	449.9	478.4	485.6	626.4	814.2	908.1	1084.5	1437.5	1702.2	1734.9
122.5°	447.2	475.9	504.7	511.9	639.5	809.8	894.9	1053.9	1371.7	1610.0	1642.3
125°	486.7	512.9	539.1	545.7	657.3	806.2	880.6	1015.6	1285.6	1488.1	1517.9
127.5°	518.8	545.2	571.7	578.3	675.1	804.1	868.6	984.5	1216.3	1390.2	1415.3
130°	535.9	564.5	592.9	600.1	688.1	805.4	864.0	967.2	1173.5	1328.4	1351.5
132.5°	553.6	582.2	610.6	617.8	698.5	806.2	860.0	952.4	1137.1	1275.7	1296.4
135°	580.0	606.0	631.9	638.4	710.0	805.4	853.1	930.5	1085.2	1201.3	1219.2
137.5°	606.9	632.6	658.4	664.8	727.2	810.4	852.0	917.4	1048.2	1146.3	1160.9
140°	629.3	652.9	676.6	682.5	737.6	811.2	848.0	904.5	1017.4	1102.2	1115.8
142.5°	646.4	668.4	690.2	695.7	746.5	814.1	848.0	897.6	996.8	1071.2	1083.0
145°	672.8	691.9	710.9	715.7	757.9	814.2	842.3	882.8	964.0	1024.9	1033.8
147.5°	699.1	717.6	736.2	740.9	774.6	819.7	842.3	874.2	938.1	986.0	993.3
150°	716.3	733.1	749.8	754.1	783.4	822.6	842.3	869.2	923.1	963.6	969.5
152.5°	734.1	746.8	759.5	762.7	789.2	824.5	842.3	865.3	911.4	945.9	950.4
155°	760.4	769.8	779.1	781.5	801.8	828.8	842.3	860.6	897.2	924.7	927.7
157.5°	779.9	789.0	798.1	800.4	814.4	833.0	842.3	856.5	885.0	906.4	908.5
160°	793.0	800.1	807.3	809.0	820.1	834.9	842.3	854.5	878.9	897.2	898.4
162.5°	806.2	811.5	816.8	818.2	826.2	836.9	842.3	852.5	873.2	888.6	889.7
165°	820.5	825.3	830.1	831.3	835.0	839.9	842.3	849.6	864.4	875.5	876.7
167.5°	833.6	835.9	838.2	838.8	841.8	845.9	848.0	852.8	862.4	869.7	870.3
170°	842.3	844.6	846.8	847.4	847.6	847.9	848.0	852.8	862.4	869.7	869.7
172.5°	846.8	847.3	847.9	848.0	848.0	848.0	848.0	851.8	859.4	865.1	864.7
175°	853.1	853.1	853.1	853.1	851.3	849.1	848.0	850.3	855.2	858.9	858.9
177.5°	853.1	853.1	853.1	853.1	851.8	850.1	849.1	851.1	854.8	857.7	857.1
180°	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0
2.5°	2524.9	2517.9	2524.9	2520.2	2522.6	2515.6	2494.6	2487.6	2494.6	2501.5	2501.5
5°	2555.1	2550.5	2555.1	2555.1	2552.8	2548.2	2524.9	2520.2	2524.9	2527.2	2522.6
7.5°	2564.5	2557.5	2564.5	2559.8	2559.8	2555.1	2531.8	2527.2	2529.5	2536.5	2529.5
10°	2564.5	2557.5	2564.5	2562.1	2559.8	2555.1	2531.8	2522.6	2522.6	2529.5	2522.6
12.5°	2552.8	2548.2	2552.8	2548.2	2548.2	2543.5	2520.2	2510.9	2513.2	2515.6	2506.2
15°	2534.2	2527.2	2534.2	2529.5	2531.8	2524.9	2499.3	2489.9	2489.9	2494.6	2478.3
17.5°	2506.2	2497.0	2506.2	2503.9	2501.5	2497.0	2473.6	2464.3	2462.0	2464.3	2452.6
20°	2473.6	2466.7	2473.6	2471.3	2471.3	2462.0	2438.7	2427.0	2427.0	2427.0	2415.4
22.5°	2422.3	2415.4	2422.3	2427.0	2427.0	2424.7	2403.7	2387.5	2382.8	2382.8	2368.8
25°	2364.2	2357.2	2364.2	2364.2	2361.9	2364.2	2357.2	2347.8	2340.9	2333.9	2319.9
27.5°	2308.3	2303.6	2308.3	2303.6	2308.3	2301.3	2298.9	2296.6	2287.3	2280.3	2261.7
30°	2252.4	2247.7	2252.4	2247.7	2243.0	2238.3	2226.7	2222.1	2231.4	2226.7	2196.4
32.5°	2182.5	2177.8	2182.5	2182.5	2177.8	2177.8	2159.2	2152.2	2154.6	2168.5	2140.5
35°	2110.2	2103.3	2110.2	2107.9	2110.2	2103.3	2091.6	2089.3	2080.0	2096.3	2075.4
37.5°	2026.5	2019.4	2026.5	2026.5	2026.5	2031.0	2021.8	2014.8	2000.8	2021.8	2005.4
40°	1940.3	1930.9	1940.3	1937.9	1940.3	1944.9	1940.3	1935.6	1921.6	1937.9	1923.9
42.5°	1842.5	1840.1	1842.5	1844.8	1844.8	1854.0	1861.1	1851.7	1847.0	1835.4	1844.8
45°	1737.6	1733.0	1737.6	1742.2	1744.5	1749.2	1770.2	1770.2	1763.3	1744.5	1758.6
47.5°	1625.8	1614.1	1625.8	1639.7	1639.7	1646.7	1667.7	1684.1	1672.4	1649.1	1656.1
50°	1507.0	1509.3	1507.0	1516.3	1516.3	1541.9	1558.2	1574.6	1586.2	1558.2	1525.7
52.5°	1390.6	1388.2	1390.6	1397.6	1406.8	1418.5	1446.5	1462.7	1481.3	1465.1	1413.8
55°	1274.0	1278.7	1274.0	1276.4	1281.1	1288.1	1330.0	1346.3	1381.2	1360.3	1306.7
57.5°	1157.6	1150.6	1157.6	1162.3	1164.6	1171.6	1206.5	1236.8	1257.8	1260.1	1194.9
60°	1022.5	1013.2	1022.5	1043.5	1048.2	1052.8	1085.4	1113.3	1132.0	1139.0	1071.4
62.5°	903.7	887.4	903.7	917.7	927.1	938.7	961.9	1003.9	1020.2	1022.5	927.1
65°	777.9	771.0	777.9	805.9	808.2	822.3	847.9	878.1	913.0	908.4	771.0
67.5°	663.9	663.9	663.9	682.5	696.4	703.4	736.0	750.0	794.3	798.9	642.8
70°	559.0	556.7	559.0	573.0	582.3	598.6	628.9	645.2	680.1	691.8	521.7
72.5°	458.8	456.6	458.8	470.5	479.9	493.8	519.4	538.0	568.3	582.3	405.3
75°	370.4	365.7	370.4	379.7	377.4	396.0	416.9	435.5	463.5	472.8	300.5
77.5°	284.2	284.2	284.2	293.5	293.5	312.1	321.5	344.7	361.0	375.0	221.3
80°	212.0	209.6	212.0	214.3	214.3	223.6	239.9	256.2	270.2	270.2	151.4
82.5°	149.0	144.4	149.0	149.0	149.0	153.7	163.1	167.7	177.0	184.0	95.5
85°	93.1	93.1	93.1	95.5	93.1	97.8	100.1	104.8	104.8	100.1	58.3
87.5°	60.6	58.3	60.6	58.3	58.3	55.9	55.9	55.9	53.6	51.2	32.6
90°	21.7	21.7	21.7	21.7	21.7	29.0	38.6	43.5	37.4	25.2	16.1
92.5°	87.1	69.8	87.1	104.4	108.7	154.2	214.7	245.0	215.1	155.4	110.5
95°	303.8	251.4	303.8	356.2	369.3	484.9	639.2	716.3	604.9	382.3	215.3
97.5°	727.8	628.1	727.8	827.6	852.5	925.7	1023.1	1071.9	886.2	514.9	236.5
100°	1048.7	929.8	1048.7	1167.5	1197.2	1191.9	1184.7	1181.2	975.1	563.2	254.2
102.5°	1364.2	1262.5	1364.2	1466.1	1491.5	1398.4	1274.2	1212.1	1003.2	585.4	272.0
105°	1766.7	1712.0	1766.7	1821.3	1835.0	1626.2	1347.9	1208.7	1006.4	601.8	298.3
107.5°	2030.3	2043.5	2030.3	2017.0	2013.7	1722.4	1334.1	1140.0	961.6	604.9	337.3
110°	2130.8	2187.8	2130.8	2073.7	2059.5	1733.9	1299.7	1082.7	921.9	600.3	359.0





TEST NUMBER: P935364

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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2139.7	2227.2	2139.7	2052.1	2030.3	1697.1	1252.7	1030.6	887.2	600.4	385.3
115°	2083.0	2204.4	2083.0	1961.7	1931.3	1610.3	1182.2	968.2	847.4	606.0	424.8
117.5°	1962.7	2097.3	1962.7	1828.0	1794.4	1504.7	1118.4	925.2	822.5	617.1	463.2
120°	1865.8	1996.5	1865.8	1734.9	1702.2	1437.5	1084.5	908.1	814.2	626.4	485.6
122.5°	1771.3	1900.4	1771.3	1642.3	1610.0	1371.7	1053.9	894.9	809.8	639.5	511.9
125°	1636.6	1755.5	1636.6	1517.9	1488.1	1285.6	1015.6	880.6	806.2	657.3	545.7
127.5°	1515.6	1615.8	1515.6	1415.3	1390.2	1216.3	984.5	868.6	804.1	675.1	578.3
130°	1444.2	1536.8	1444.2	1351.5	1328.4	1173.5	967.2	864.0	805.4	688.1	600.1
132.5°	1379.4	1462.3	1379.4	1296.4	1275.7	1137.1	952.4	860.0	806.2	698.5	617.8
135°	1290.6	1362.1	1290.6	1219.2	1201.3	1085.2	930.5	853.1	805.4	710.0	638.4
137.5°	1219.4	1278.0	1219.4	1160.9	1146.3	1048.2	917.4	852.0	810.4	727.2	664.8
140°	1170.6	1225.3	1170.6	1115.8	1102.2	1017.4	904.5	848.0	811.2	737.6	682.5
142.5°	1130.1	1177.2	1130.1	1083.0	1071.2	996.8	897.6	848.0	814.1	746.5	695.7
145°	1069.5	1105.1	1069.5	1033.8	1024.9	964.0	882.8	842.3	814.2	757.9	715.7
147.5°	1022.9	1052.4	1022.9	993.3	986.0	938.1	874.2	842.3	819.7	774.6	740.9
150°	993.5	1017.4	993.5	969.5	963.6	923.1	869.2	842.3	822.6	783.4	754.1
152.5°	968.4	986.5	968.4	950.4	945.9	911.4	865.3	842.3	824.5	789.2	762.7
155°	939.6	951.6	939.6	927.7	924.7	897.2	860.6	842.3	828.8	801.8	781.5
157.5°	916.9	925.2	916.9	908.5	906.4	885.0	856.5	842.3	833.0	814.4	800.4
160°	903.3	908.1	903.3	898.4	897.2	878.9	854.5	842.3	834.9	820.1	809.0
162.5°	894.3	898.9	894.3	889.7	888.6	873.2	852.5	842.3	836.9	826.2	818.2
165°	881.5	886.3	881.5	876.7	875.5	864.4	849.6	842.3	839.9	835.0	831.3
167.5°	872.3	874.3	872.3	870.3	869.7	862.4	852.8	848.0	845.9	841.8	838.8
170°	869.7	869.7	869.7	869.7	869.7	862.4	852.8	848.0	847.9	847.6	847.4
172.5°	862.9	861.2	862.9	864.7	865.1	859.4	851.8	848.0	848.0	848.0	848.0
175°	858.9	858.9	858.9	858.9	858.9	855.2	850.3	848.0	849.1	851.3	853.1
177.5°	855.1	853.1	855.1	857.1	857.7	854.8	851.1	849.1	850.1	851.8	853.1
180°	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1



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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0
2.5°	2497.0	2482.9	2482.9	2459.7	2450.3	2443.4	2431.7	2396.7	2387.5	2378.1	2392.1
5°	2517.9	2492.3	2473.6	2431.7	2396.7	2382.8	2338.6	2254.7	2198.8	2156.9	2133.5
7.5°	2522.6	2489.9	2455.0	2389.8	2305.9	2268.6	2133.5	1979.8	1937.9	1900.6	1877.3
10°	2517.9	2480.6	2431.7	2333.9	2135.9	2070.7	1935.6	1835.4	1809.8	1802.8	1809.8
12.5°	2501.5	2466.7	2399.1	2236.1	1958.9	1914.6	1835.4	1777.2	1772.5	1784.2	1847.0
15°	2473.6	2441.0	2361.9	2105.7	1861.1	1828.4	1772.5	1751.6	1777.2	1858.7	2047.4
17.5°	2445.7	2408.4	2310.6	1977.5	1786.5	1763.3	1723.6	1765.6	1910.0	2019.4	2082.3
20°	2408.4	2364.2	2252.4	1884.3	1733.0	1712.0	1693.3	1882.0	1991.5	2031.0	2066.0
22.5°	2364.2	2317.5	2173.2	1819.1	1677.0	1660.8	1672.4	1947.3	1991.5	2019.4	2049.7
25°	2305.9	2266.3	2080.0	1767.8	1632.8	1614.1	1658.4	1940.3	1965.9	1972.9	2033.4
27.5°	2252.4	2201.1	1982.1	1721.3	1579.2	1572.2	1670.0	1910.0	1928.6	1935.6	2000.8
30°	2187.1	2110.2	1872.6	1672.4	1523.3	1521.0	1672.4	1872.6	1868.1	1886.7	1951.8
32.5°	2119.6	1975.2	1749.2	1611.8	1469.8	1467.4	1656.1	1816.8	1812.2	1837.8	1886.7
35°	2056.7	1870.4	1581.6	1541.9	1402.1	1404.5	1616.5	1751.6	1753.9	1777.2	1807.5
37.5°	1991.5	1779.5	1397.6	1465.1	1337.0	1337.0	1562.9	1691.0	1686.4	1693.3	1735.3
40°	1914.6	1637.4	1234.5	1364.9	1276.4	1269.4	1497.7	1625.8	1609.5	1607.2	1665.4
42.5°	1833.1	1481.3	1113.3	1232.2	1206.5	1197.2	1418.5	1546.6	1516.3	1523.3	1597.8
45°	1744.5	1439.5	1020.2	1041.1	1134.4	1127.3	1332.3	1455.7	1434.8	1453.4	1530.3
47.5°	1656.1	1355.6	989.9	864.1	1057.5	1055.2	1236.8	1367.3	1355.6	1374.2	1455.7
50°	1534.9	1262.5	987.6	740.7	971.3	980.6	1122.7	1281.1	1281.1	1297.3	1383.5
52.5°	1378.9	1148.3	896.8	670.8	871.2	899.1	1022.5	1206.5	1211.2	1227.5	1304.3
55°	1236.8	1029.5	831.5	617.2	752.3	812.9	924.7	1129.7	1139.0	1155.3	1225.1
57.5°	1106.4	857.1	817.6	554.4	642.8	701.1	838.5	1055.2	1059.8	1073.8	1141.3
60°	966.6	619.5	750.0	486.8	547.4	591.6	759.3	966.6	982.9	992.2	1050.5
62.5°	808.2	449.6	680.1	440.2	500.8	510.1	694.1	882.7	903.7	910.7	945.7
65°	575.3	377.4	577.7	400.7	451.9	454.2	624.2	796.6	815.2	826.8	852.5
67.5°	389.0	307.4	440.2	363.3	414.6	416.9	556.7	696.4	722.0	731.4	747.6
70°	270.2	205.0	326.1	323.8	372.7	377.4	484.5	605.6	628.9	635.9	645.2
72.5°	197.9	165.4	270.2	291.2	328.4	333.1	409.9	503.1	526.4	533.4	538.0
75°	151.4	174.7	219.0	253.9	279.5	281.8	335.4	409.9	426.3	430.9	433.2
77.5°	121.1	163.1	160.7	205.0	228.2	223.6	263.2	316.8	330.7	330.7	330.7
80°	90.9	128.1	121.1	146.7	167.7	163.1	188.7	225.9	230.6	235.2	232.9
82.5°	67.5	81.5	81.5	93.1	111.8	107.2	125.8	146.7	146.7	146.7	151.4
85°	41.9	46.6	37.3	48.9	62.9	60.6	69.8	79.2	81.5	81.5	76.9
87.5°	25.6	20.9	11.7	18.6	28.0	28.0	32.6	35.0	32.6	32.6	32.6
90°	14.9	10.3	5.7	10.3	14.9	16.1	25.2	37.4	43.5	38.6	29.0
92.5°	100.8	61.9	22.9	61.9	100.8	110.5	155.4	215.1	245.0	214.7	154.2
95°	197.5	126.2	55.0	126.2	197.5	215.3	382.3	604.9	716.3	639.2	484.9
97.5°	220.8	157.9	95.1	157.9	220.8	236.5	514.9	886.2	1071.9	1023.1	925.7
100°	240.0	183.0	126.0	183.0	240.0	254.2	563.2	975.1	1181.2	1184.7	1191.9
102.5°	258.7	205.6	152.3	205.6	258.7	272.0	585.4	1003.2	1212.1	1274.2	1398.4
105°	287.1	242.0	196.9	242.0	287.1	298.3	601.8	1006.4	1208.7	1347.9	1626.2
107.5°	326.8	284.8	242.7	284.8	326.8	337.3	604.9	961.6	1140.0	1334.1	1722.4
110°	349.6	311.6	273.7	311.6	349.6	359.0	600.3	921.9	1082.7	1299.7	1733.9



TEST NUMBER: P935364

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	376.3	340.2	304.0	340.2	376.3	385.3	600.4	887.2	1030.6	1252.7	1697.1
115°	416.4	383.1	349.8	383.1	416.4	424.8	606.0	847.4	968.2	1182.2	1610.3
117.5°	455.6	425.4	395.1	425.4	455.6	463.2	617.1	822.5	925.2	1118.4	1504.7
120°	478.4	449.9	421.4	449.9	478.4	485.6	626.4	814.2	908.1	1084.5	1437.5
122.5°	504.7	475.9	447.2	475.9	504.7	511.9	639.5	809.8	894.9	1053.9	1371.7
125°	539.1	512.9	486.7	512.9	539.1	545.7	657.3	806.2	880.6	1015.6	1285.6
127.5°	571.7	545.2	518.8	545.2	571.7	578.3	675.1	804.1	868.6	984.5	1216.3
130°	592.9	564.5	535.9	564.5	592.9	600.1	688.1	805.4	864.0	967.2	1173.5
132.5°	610.6	582.2	553.6	582.2	610.6	617.8	698.5	806.2	860.0	952.4	1137.1
135°	631.9	606.0	580.0	606.0	631.9	638.4	710.0	805.4	853.1	930.5	1085.2
137.5°	658.4	632.6	606.9	632.6	658.4	664.8	727.2	810.4	852.0	917.4	1048.2
140°	676.6	652.9	629.3	652.9	676.6	682.5	737.6	811.2	848.0	904.5	1017.4
142.5°	690.2	668.4	646.4	668.4	690.2	695.7	746.5	814.1	848.0	897.6	996.8
145°	710.9	691.9	672.8	691.9	710.9	715.7	757.9	814.2	842.3	882.8	964.0
147.5°	736.2	717.6	699.1	717.6	736.2	740.9	774.6	819.7	842.3	874.2	938.1
150°	749.8	733.1	716.3	733.1	749.8	754.1	783.4	822.6	842.3	869.2	923.1
152.5°	759.5	746.8	734.1	746.8	759.5	762.7	789.2	824.5	842.3	865.3	911.4
155°	779.1	769.8	760.4	769.8	779.1	781.5	801.8	828.8	842.3	860.6	897.2
157.5°	798.1	789.0	779.9	789.0	798.1	800.4	814.4	833.0	842.3	856.5	885.0
160°	807.3	800.1	793.0	800.1	807.3	809.0	820.1	834.9	842.3	854.5	878.9
162.5°	816.8	811.5	806.2	811.5	816.8	818.2	826.2	836.9	842.3	852.5	873.2
165°	830.1	825.3	820.5	825.3	830.1	831.3	835.0	839.9	842.3	849.6	864.4
167.5°	838.2	835.9	833.6	835.9	838.2	838.8	841.8	845.9	848.0	852.8	862.4
170°	846.8	844.6	842.3	844.6	846.8	847.4	847.6	847.9	848.0	852.8	862.4
172.5°	847.9	847.3	846.8	847.3	847.9	848.0	848.0	848.0	848.0	851.8	859.4
175°	853.1	853.1	853.1	853.1	853.1	853.1	851.3	849.1	848.0	850.3	855.2
177.5°	853.1	853.1	853.1	853.1	853.1	853.1	851.8	850.1	849.1	851.1	854.8
180°	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1



TEST NUMBER: P935364

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0	2462.0
2.5°	2375.8	2368.8	2378.1	2352.5	2378.1	2368.8	2375.8	2392.1	2378.1	2387.5	2396.7
5°	2084.6	2073.0	2035.7	2005.4	2035.7	2073.0	2084.6	2133.5	2156.9	2198.8	2254.7
7.5°	1863.4	1854.0	1844.8	1826.1	1844.8	1854.0	1863.4	1877.3	1900.6	1937.9	1979.8
10°	1814.5	1816.8	1830.8	1828.4	1830.8	1816.8	1814.5	1809.8	1802.8	1809.8	1835.4
12.5°	1940.3	1961.2	2038.1	2033.4	2038.1	1961.2	1940.3	1847.0	1784.2	1772.5	1777.2
15°	2084.6	2091.6	2107.9	2110.2	2107.9	2091.6	2084.6	2047.4	1858.7	1777.2	1751.6
17.5°	2098.6	2101.0	2112.6	2112.6	2112.6	2101.0	2098.6	2082.3	2019.4	1910.0	1765.6
20°	2087.0	2091.6	2114.9	2119.6	2114.9	2091.6	2087.0	2066.0	2031.0	1991.5	1882.0
22.5°	2082.3	2091.6	2110.2	2107.9	2110.2	2091.6	2082.3	2049.7	2019.4	1991.5	1947.3
25°	2059.0	2059.0	2061.3	2063.7	2061.3	2059.0	2059.0	2033.4	1972.9	1965.9	1940.3
27.5°	2010.1	2014.8	2028.7	2026.5	2028.7	2014.8	2010.1	2000.8	1935.6	1928.6	1910.0
30°	1965.9	1961.2	1949.6	1940.3	1949.6	1961.2	1965.9	1951.8	1886.7	1868.1	1872.6
32.5°	1891.4	1879.7	1868.1	1861.1	1868.1	1879.7	1891.4	1886.7	1837.8	1812.2	1816.8
35°	1802.8	1805.1	1802.8	1795.8	1802.8	1805.1	1802.8	1807.5	1777.2	1753.9	1751.6
37.5°	1739.9	1744.5	1742.2	1733.0	1742.2	1744.5	1739.9	1735.3	1693.3	1686.4	1691.0
40°	1674.7	1677.0	1674.7	1667.7	1674.7	1677.0	1674.7	1665.4	1607.2	1609.5	1625.8
42.5°	1611.8	1609.5	1602.5	1597.8	1602.5	1609.5	1611.8	1597.8	1523.3	1516.3	1546.6
45°	1539.6	1541.9	1528.0	1521.0	1528.0	1541.9	1539.6	1530.3	1453.4	1434.8	1455.7
47.5°	1467.4	1467.4	1455.7	1448.8	1455.7	1467.4	1467.4	1455.7	1374.2	1355.6	1367.3
50°	1390.6	1388.2	1372.0	1369.6	1372.0	1388.2	1390.6	1383.5	1297.3	1281.1	1281.1
52.5°	1302.0	1302.0	1304.3	1309.0	1304.3	1302.0	1302.0	1304.3	1227.5	1211.2	1206.5
55°	1225.1	1227.5	1243.8	1248.4	1243.8	1227.5	1225.1	1225.1	1155.3	1139.0	1129.7
57.5°	1146.0	1146.0	1157.6	1157.6	1157.6	1146.0	1146.0	1141.3	1073.8	1059.8	1055.2
60°	1055.2	1059.8	1069.1	1066.8	1069.1	1059.8	1055.2	1050.5	992.2	982.9	966.6
62.5°	959.6	964.3	966.6	961.9	966.6	964.3	959.6	945.7	910.7	903.7	882.7
65°	859.5	864.1	866.5	861.8	866.5	864.1	859.5	852.5	826.8	815.2	796.6
67.5°	757.0	754.6	752.3	761.7	752.3	754.6	757.0	747.6	731.4	722.0	696.4
70°	652.2	652.2	649.8	654.5	649.8	652.2	652.2	645.2	635.9	628.9	605.6
72.5°	540.3	538.0	547.4	540.3	547.4	538.0	540.3	538.0	533.4	526.4	503.1
75°	430.9	435.5	430.9	437.9	430.9	435.5	430.9	433.2	430.9	426.3	409.9
77.5°	328.4	333.1	328.4	328.4	328.4	333.1	328.4	330.7	330.7	330.7	316.8
80°	232.9	230.6	230.6	228.2	230.6	230.6	232.9	232.9	235.2	230.6	225.9
82.5°	149.0	146.7	146.7	151.4	146.7	146.7	149.0	151.4	146.7	146.7	146.7
85°	81.5	83.9	79.2	79.2	79.2	83.9	81.5	76.9	81.5	81.5	79.2
87.5°	30.3	28.0	28.0	28.0	28.0	28.0	30.3	32.6	32.6	32.6	35.0
90°	21.7	21.7	21.7	21.7	21.7	21.7	21.7	29.0	38.6	43.5	37.4
92.5°	108.7	104.4	87.1	69.8	87.1	104.4	108.7	154.2	214.7	245.0	215.1
95°	369.3	356.2	303.8	251.4	303.8	356.2	369.3	484.9	639.2	716.3	604.9
97.5°	852.5	827.6	727.8	628.1	727.8	827.6	852.5	925.7	1023.1	1071.9	886.2
100°	1197.2	1167.5	1048.7	929.8	1048.7	1167.5	1197.2	1191.9	1184.7	1181.2	975.1
102.5°	1491.5	1466.1	1364.2	1262.5	1364.2	1466.1	1491.5	1398.4	1274.2	1212.1	1003.2
105°	1835.0	1821.3	1766.7	1712.0	1766.7	1821.3	1835.0	1626.2	1347.9	1208.7	1006.4
107.5°	2013.7	2017.0	2030.3	2043.5	2030.3	2017.0	2013.7	1722.4	1334.1	1140.0	961.6
110°	2059.5	2073.7	2130.8	2187.8	2130.8	2073.7	2059.5	1733.9	1299.7	1082.7	921.9



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2030.3	2052.1	2139.7	2227.2	2139.7	2052.1	2030.3	1697.1	1252.7	1030.6	887.2
115°	1931.3	1961.7	2083.0	2204.4	2083.0	1961.7	1931.3	1610.3	1182.2	968.2	847.4
117.5°	1794.4	1828.0	1962.7	2097.3	1962.7	1828.0	1794.4	1504.7	1118.4	925.2	822.5
120°	1702.2	1734.9	1865.8	1996.5	1865.8	1734.9	1702.2	1437.5	1084.5	908.1	814.2
122.5°	1610.0	1642.3	1771.3	1900.4	1771.3	1642.3	1610.0	1371.7	1053.9	894.9	809.8
125°	1488.1	1517.9	1636.6	1755.5	1636.6	1517.9	1488.1	1285.6	1015.6	880.6	806.2
127.5°	1390.2	1415.3	1515.6	1615.8	1515.6	1415.3	1390.2	1216.3	984.5	868.6	804.1
130°	1328.4	1351.5	1444.2	1536.8	1444.2	1351.5	1328.4	1173.5	967.2	864.0	805.4
132.5°	1275.7	1296.4	1379.4	1462.3	1379.4	1296.4	1275.7	1137.1	952.4	860.0	806.2
135°	1201.3	1219.2	1290.6	1362.1	1290.6	1219.2	1201.3	1085.2	930.5	853.1	805.4
137.5°	1146.3	1160.9	1219.4	1278.0	1219.4	1160.9	1146.3	1048.2	917.4	852.0	810.4
140°	1102.2	1115.8	1170.6	1225.3	1170.6	1115.8	1102.2	1017.4	904.5	848.0	811.2
142.5°	1071.2	1083.0	1130.1	1177.2	1130.1	1083.0	1071.2	996.8	897.6	848.0	814.1
145°	1024.9	1033.8	1069.5	1105.1	1069.5	1033.8	1024.9	964.0	882.8	842.3	814.2
147.5°	986.0	993.3	1022.9	1052.4	1022.9	993.3	986.0	938.1	874.2	842.3	819.7
150°	963.6	969.5	993.5	1017.4	993.5	969.5	963.6	923.1	869.2	842.3	822.6
152.5°	945.9	950.4	968.4	986.5	968.4	950.4	945.9	911.4	865.3	842.3	824.5
155°	924.7	927.7	939.6	951.6	939.6	927.7	924.7	897.2	860.6	842.3	828.8
157.5°	906.4	908.5	916.9	925.2	916.9	908.5	906.4	885.0	856.5	842.3	833.0
160°	897.2	898.4	903.3	908.1	903.3	898.4	897.2	878.9	854.5	842.3	834.9
162.5°	888.6	889.7	894.3	898.9	894.3	889.7	888.6	873.2	852.5	842.3	836.9
165°	875.5	876.7	881.5	886.3	881.5	876.7	875.5	864.4	849.6	842.3	839.9
167.5°	869.7	870.3	872.3	874.3	872.3	870.3	869.7	862.4	852.8	848.0	845.9
170°	869.7	869.7	869.7	869.7	869.7	869.7	869.7	862.4	852.8	848.0	847.9
172.5°	865.1	864.7	862.9	861.2	862.9	864.7	865.1	859.4	851.8	848.0	848.0
175°	858.9	858.9	858.9	858.9	858.9	858.9	858.9	855.2	850.3	848.0	849.1
177.5°	857.7	857.1	855.1	853.1	855.1	857.1	857.7	854.8	851.1	849.1	850.1
180°	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2462.0	2462.0	2462.0	2462.0	2462.0
2.5°	2431.7	2443.4	2450.3	2459.7	2482.9
5°	2338.6	2382.8	2396.7	2431.7	2473.6
7.5°	2133.5	2268.6	2305.9	2389.8	2455.0
10°	1935.6	2070.7	2135.9	2333.9	2431.7
12.5°	1835.4	1914.6	1958.9	2236.1	2399.1
15°	1772.5	1828.4	1861.1	2105.7	2361.9
17.5°	1723.6	1763.3	1786.5	1977.5	2310.6
20°	1693.3	1712.0	1733.0	1884.3	2252.4
22.5°	1672.4	1660.8	1677.0	1819.1	2173.2
25°	1658.4	1614.1	1632.8	1767.8	2080.0
27.5°	1670.0	1572.2	1579.2	1721.3	1982.1
30°	1672.4	1521.0	1523.3	1672.4	1872.6
32.5°	1656.1	1467.4	1469.8	1611.8	1749.2
35°	1616.5	1404.5	1402.1	1541.9	1581.6
37.5°	1562.9	1337.0	1337.0	1465.1	1397.6
40°	1497.7	1269.4	1276.4	1364.9	1234.5
42.5°	1418.5	1197.2	1206.5	1232.2	1113.3
45°	1332.3	1127.3	1134.4	1041.1	1020.2
47.5°	1236.8	1055.2	1057.5	864.1	989.9
50°	1122.7	980.6	971.3	740.7	987.6
52.5°	1022.5	899.1	871.2	670.8	896.8
55°	924.7	812.9	752.3	617.2	831.5
57.5°	838.5	701.1	642.8	554.4	817.6
60°	759.3	591.6	547.4	486.8	750.0
62.5°	694.1	510.1	500.8	440.2	680.1
65°	624.2	454.2	451.9	400.7	577.7
67.5°	556.7	416.9	414.6	363.3	440.2
70°	484.5	377.4	372.7	323.8	326.1
72.5°	409.9	333.1	328.4	291.2	270.2
75°	335.4	281.8	279.5	253.9	219.0
77.5°	263.2	223.6	228.2	205.0	160.7
80°	188.7	163.1	167.7	146.7	121.1
82.5°	125.8	107.2	111.8	93.1	81.5
85°	69.8	60.6	62.9	48.9	37.3
87.5°	32.6	28.0	28.0	18.6	11.7
90°	25.2	16.1	14.9	10.3	5.7
92.5°	155.4	110.5	100.8	61.9	22.9
95°	382.3	215.3	197.5	126.2	55.0
97.5°	514.9	236.5	220.8	157.9	95.1
100°	563.2	254.2	240.0	183.0	126.0
102.5°	585.4	272.0	258.7	205.6	152.3
105°	601.8	298.3	287.1	242.0	196.9
107.5°	604.9	337.3	326.8	284.8	242.7
110°	600.3	359.0	349.6	311.6	273.7



TEST NUMBER: P935364

CATALOG NUMBER: SQ4-FA-100U-125D-93050-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	600.4	385.3	376.3	340.2	304.0
115°	606.0	424.8	416.4	383.1	349.8
117.5°	617.1	463.2	455.6	425.4	395.1
120°	626.4	485.6	478.4	449.9	421.4
122.5°	639.5	511.9	504.7	475.9	447.2
125°	657.3	545.7	539.1	512.9	486.7
127.5°	675.1	578.3	571.7	545.2	518.8
130°	688.1	600.1	592.9	564.5	535.9
132.5°	698.5	617.8	610.6	582.2	553.6
135°	710.0	638.4	631.9	606.0	580.0
137.5°	727.2	664.8	658.4	632.6	606.9
140°	737.6	682.5	676.6	652.9	629.3
142.5°	746.5	695.7	690.2	668.4	646.4
145°	757.9	715.7	710.9	691.9	672.8
147.5°	774.6	740.9	736.2	717.6	699.1
150°	783.4	754.1	749.8	733.1	716.3
152.5°	789.2	762.7	759.5	746.8	734.1
155°	801.8	781.5	779.1	769.8	760.4
157.5°	814.4	800.4	798.1	789.0	779.9
160°	820.1	809.0	807.3	800.1	793.0
162.5°	826.2	818.2	816.8	811.5	806.2
165°	835.0	831.3	830.1	825.3	820.5
167.5°	841.8	838.8	838.2	835.9	833.6
170°	847.6	847.4	846.8	844.6	842.3
172.5°	848.0	848.0	847.9	847.3	846.8
175°	851.3	853.1	853.1	853.1	853.1
177.5°	851.8	853.1	853.1	853.1	853.1
180°	853.1	853.1	853.1	853.1	853.1



TEST NUMBER: P935364  
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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	14.59	15.48	15.52	16.43	17.65	17.41	18.31	18.34	19.25	20.47
	3H	15.07	15.87	16.01	16.82	18.07	18.76	19.56	19.70	20.52	21.76
	4H	15.26	16.02	16.21	16.98	18.23	19.21	19.96	20.16	20.92	22.17
	6H	15.38	16.08	16.35	17.05	18.31	19.49	20.19	20.45	21.15	22.42
	8H	15.39	16.05	16.36	17.03	18.29	19.57	20.23	20.54	21.21	22.47
	12H	15.36	15.99	16.33	16.96	18.25	19.60	20.24	20.58	21.21	22.50
4H	2H	15.63	16.38	16.58	17.34	18.59	17.83	18.59	18.79	19.54	20.80
	3H	16.66	17.29	17.62	18.28	19.54	19.34	19.97	20.30	20.95	22.22
	4H	16.93	17.51	17.91	18.49	19.78	19.86	20.44	20.84	21.42	22.71
	6H	17.06	17.56	18.05	18.56	19.85	20.23	20.73	21.22	21.73	23.02
	8H	17.07	17.53	18.06	18.53	19.83	20.34	20.80	21.33	21.80	23.10
	12H	17.04	17.45	18.05	18.47	19.78	20.39	20.81	21.40	21.83	23.14
8H	4H	17.39	17.85	18.38	18.85	20.15	19.99	20.46	20.98	21.45	22.76
	6H	17.65	18.04	18.67	19.08	20.38	20.43	20.81	21.44	21.85	23.15
	8H	17.69	18.03	18.72	19.06	20.38	20.58	20.92	21.60	21.94	23.26
	12H	17.68	17.98	18.71	19.00	20.36	20.68	20.98	21.71	22.00	23.36
12H	4H	17.40	17.82	18.41	18.83	20.14	19.96	20.38	20.97	21.39	22.70
	6H	17.71	18.05	18.74	19.08	20.40	20.43	20.76	21.45	21.79	23.11
	8H	17.78	18.08	18.81	19.10	20.46	20.59	20.88	21.61	21.91	23.27