

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: P935219

Luminaire Tested: SQ4-FA-100U-100D-840-1D-UNV-STD-W-6

Issue Date: 12/17/2024

**Test Information**

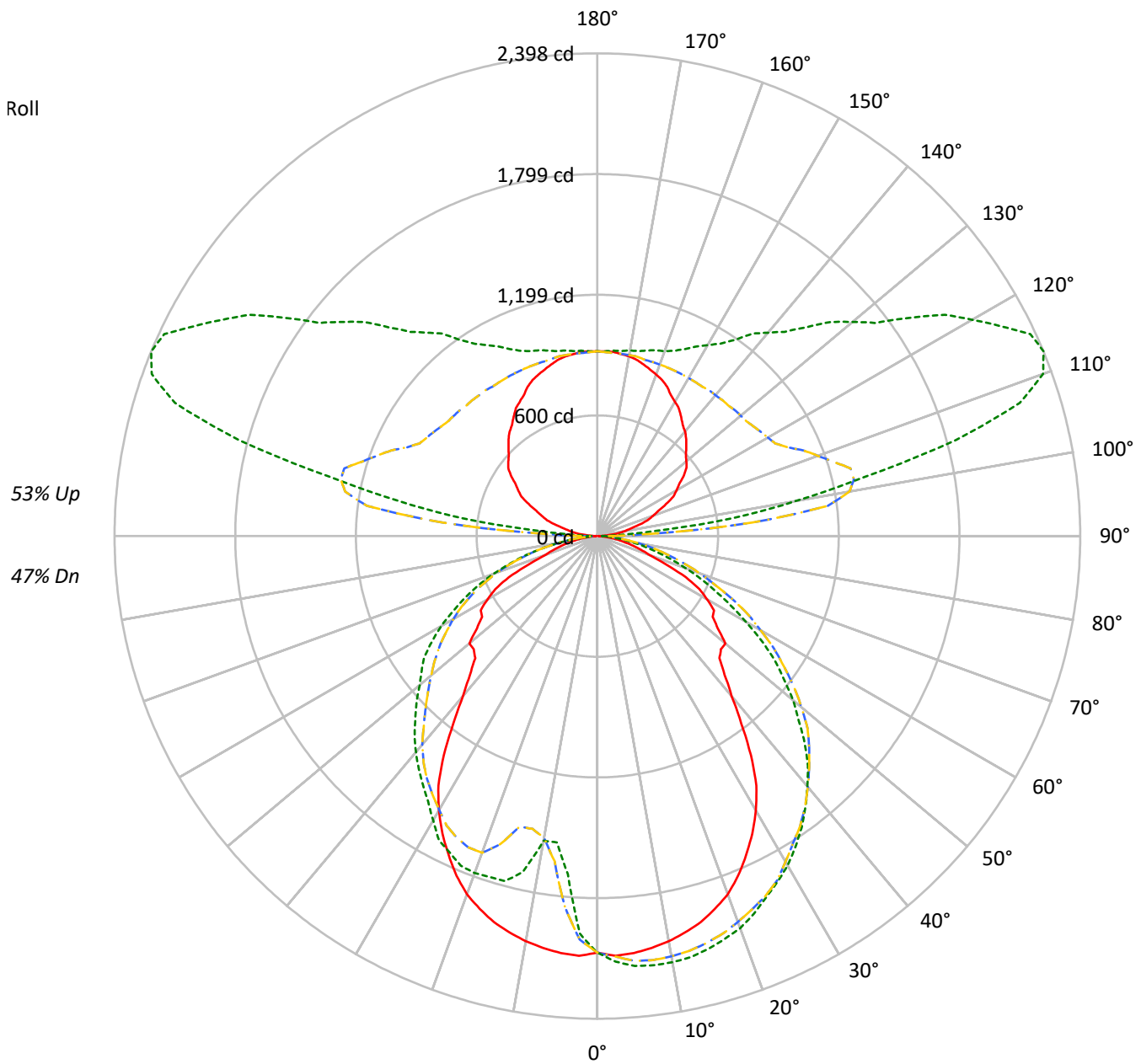
Test Method: LM-79-2019  
Report Number: P935219  
REPORT IS A COMBINATION OF REPORTS P933747 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-100U-100D-840-1D-UNV-STD-W-6  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11323.5 lumens  
Efficiency: N/A  
Efficacy: 130.2 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): 87  
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	67	67	67	54	54	54	47	47	47	47
1	97	93	89	86	89	86	82	79	72	70	67	59	58	56	48	47	46	40	40	40	40
2	89	81	75	70	81	75	70	65	63	59	56	52	49	47	42	40	38	34	34	34	34
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	28	28	28	28
4	74	63	55	49	68	58	51	46	49	44	40	41	37	34	33	30	28	24	24	24	24
5	68	56	48	42	62	52	45	39	44	39	34	37	33	29	30	27	24	21	21	21	21
6	62	50	42	36	57	47	39	34	40	34	30	33	29	26	27	24	21	19	19	19	19
7	58	45	37	32	53	42	35	30	36	30	26	30	26	23	25	21	19	16	16	16	16
8	53	41	33	28	49	38	31	27	33	27	23	28	23	20	23	19	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13	13	13	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12	12	12	12

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

	0°	90°	180°	270°
0°	12802	12802	12802	12802
5°	12893	12923	12893	10161
10°	12803	12730	12803	9101
15°	12658	12454	12658	10400
20°	12389	12127	12389	10421
25°	11842	11651	11842	10200
30°	11138	11255	11138	9716
35°	9924	10754	9924	9183
40°	8264	10166	8264	8780
45°	7380	9476	7380	8317
50°	7833	8654	7833	7852
55°	7364	7767	7364	7584
60°	7581	6597	7581	6946
65°	6863	5453	6863	6096
70°	4741	4346	4741	5109
75°	4143	3213	4143	3847
80°	3313	2125	3313	2313
85°	1866	1125	1866	957

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 11318 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	186.8	1.6
10°-20°	530.4	4.7
20°-30°	819.9	7.2
30°-40°	978.8	8.6
40°-50°	984.5	8.7
50°-60°	856.7	7.6
60°-70°	607.4	5.4
70°-80°	321.3	2.8
80°-90°	83.5	0.7
90°-100°	447.7	4.0
100°-110°	1177.1	10.4
110°-120°	1220.5	10.8
120°-130°	979.0	8.6
130°-140°	768.2	6.8
140°-150°	589.6	5.2
150°-160°	424.6	3.7
160°-170°	259.8	2.3
170°-180°	87.8	0.8
0°-30°	1537.1	13.6
0°-40°	2515.9	22.2
0°-60°	4357.1	38.5
0°-90°	5369.3	47.4
90°-120°	2845.2	25.1
90°-150°	5182.0	45.8
90°-180°	5954.0	52.6
0°-180°	11323.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2070	2070	2070	2070	2070	
5°	2079	2144	2079	1686	2079	197
15°	1985	2124	1985	1774	1985	559
25°	1748	1981	1748	1735	1748	803
35°	1330	1768	1330	1510	1330	822
45°	858	1457	858	1278	858	687
55°	699	1075	699	1050	699	642
65°	486	648	486	724	486	464
75°	184	307	184	368	184	194
85°	31	78	31	67	31	42
90°	6	23	6	23	6	6
95°	59	271	59	271	59	66
105°	212	1843	212	1843	212	225
115°	377	2373	377	2373	377	372
125°	524	1890	524	1890	524	465
135°	624	1466	624	1466	624	483
145°	724	1190	724	1190	724	454
155°	819	1024	819	1024	819	376
165°	883	954	883	954	883	249
175°	918	925	918	925	918	87
180°	918	918	918	918	918	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5
2.5°	2087.2	2087.2	2098.9	2102.8	2102.8	2096.9	2091.0	2096.9	2114.5	2120.4	2118.5
5°	2079.2	2095.0	2116.5	2120.4	2124.3	2122.3	2118.5	2122.3	2141.9	2145.8	2147.8
7.5°	2063.6	2093.0	2120.4	2126.3	2132.1	2126.3	2124.3	2128.3	2147.8	2151.8	2151.8
10°	2044.1	2085.2	2116.5	2120.4	2126.3	2120.4	2120.4	2128.3	2147.8	2151.8	2153.6
12.5°	2016.6	2073.4	2102.8	2106.7	2114.5	2112.5	2110.6	2118.5	2138.0	2141.9	2141.9
15°	1985.3	2051.9	2079.2	2083.2	2096.9	2093.0	2093.0	2100.8	2122.3	2128.3	2126.3
17.5°	1942.2	2024.4	2055.8	2061.7	2071.4	2069.5	2071.4	2079.2	2098.9	2102.8	2104.7
20°	1893.3	1987.3	2024.4	2030.3	2040.1	2040.1	2040.1	2049.9	2069.5	2077.4	2077.4
22.5°	1826.7	1948.1	1987.3	1991.2	2003.0	2003.0	2006.8	2020.6	2038.1	2040.1	2040.1
25°	1748.4	1905.1	1938.4	1950.0	1961.8	1967.7	1973.5	1981.4	1987.3	1985.3	1987.3
27.5°	1666.2	1850.2	1893.3	1901.1	1916.8	1922.6	1930.5	1932.4	1934.4	1940.2	1936.4
30°	1574.2	1773.9	1838.5	1846.3	1871.8	1875.6	1867.8	1871.8	1881.5	1885.5	1889.4
32.5°	1470.3	1660.3	1781.7	1799.3	1822.8	1811.0	1809.1	1815.0	1830.7	1830.7	1834.5
35°	1329.5	1572.2	1728.8	1744.5	1762.1	1748.4	1756.3	1758.1	1767.9	1773.9	1771.9
37.5°	1174.7	1495.8	1674.0	1685.7	1699.5	1681.9	1693.5	1699.5	1707.3	1703.4	1703.4
40°	1037.7	1376.4	1609.4	1617.3	1629.0	1615.3	1627.0	1630.9	1634.8	1630.9	1629.0
42.5°	935.8	1245.2	1540.9	1550.7	1542.9	1552.6	1556.5	1564.4	1558.5	1550.7	1550.7
45°	857.6	1210.0	1466.5	1478.2	1466.5	1482.1	1488.0	1488.0	1470.3	1466.5	1464.5
47.5°	832.1	1139.5	1392.1	1392.1	1386.2	1405.7	1415.5	1401.9	1384.2	1378.4	1378.4
50°	830.1	1061.2	1290.2	1282.4	1309.8	1333.3	1323.5	1309.8	1296.2	1274.6	1274.6
52.5°	753.7	965.3	1159.0	1188.5	1231.5	1245.2	1229.6	1215.8	1192.3	1182.5	1174.7
55°	699.0	865.4	1039.7	1098.4	1143.4	1161.0	1131.7	1117.9	1082.7	1076.8	1073.0
57.5°	687.3	720.5	930.0	1004.4	1059.2	1057.3	1039.7	1014.2	984.8	978.9	977.0
60°	630.4	520.8	812.5	900.7	957.4	951.5	935.8	912.4	885.0	881.1	877.1
62.5°	571.7	377.9	679.3	779.2	859.6	857.6	843.9	808.6	789.0	779.2	771.4
65°	485.6	317.1	483.6	648.0	763.6	767.5	738.1	712.6	691.1	679.3	677.5
67.5°	370.0	258.5	326.9	540.3	671.5	667.7	630.4	618.7	591.3	585.4	573.6
70°	274.1	172.3	227.1	438.6	581.5	571.7	542.3	528.7	503.2	489.5	481.6
72.5°	227.1	139.0	166.4	340.7	489.5	477.7	452.3	436.6	415.1	403.3	395.5
75°	184.1	146.8	127.3	252.5	397.5	389.7	366.2	350.4	332.9	317.1	319.1
77.5°	135.1	137.0	101.8	186.0	315.2	303.5	289.8	270.2	262.3	246.7	246.7
80°	101.8	107.7	76.4	127.3	227.1	227.1	215.4	201.7	187.9	180.1	180.1
82.5°	68.6	68.6	56.8	80.2	154.7	148.8	141.0	137.0	129.2	125.3	125.3
85°	31.3	39.1	35.3	48.9	84.2	88.1	88.1	84.2	82.2	78.3	80.2
87.5°	9.8	17.6	21.5	27.4	43.1	45.1	47.0	47.0	47.0	48.9	48.9
90°	6.1	11.1	16.0	17.3	27.2	40.3	46.8	41.6	31.2	23.4	23.4
92.5°	24.7	66.6	108.5	119.0	167.3	231.6	263.8	231.2	166.0	117.1	112.4
95°	59.2	135.8	212.6	231.8	411.6	651.3	771.1	688.1	522.1	397.6	383.4
97.5°	102.4	170.0	237.7	254.6	554.4	954.1	1154.0	1101.5	996.6	917.9	891.0
100°	135.7	197.0	258.4	273.7	606.3	1049.8	1271.7	1275.5	1283.2	1288.9	1256.9
102.5°	164.0	221.3	278.5	292.8	630.2	1080.1	1305.0	1371.8	1505.5	1605.8	1578.4
105°	212.0	260.5	309.0	321.2	647.9	1083.5	1301.3	1451.2	1750.8	1975.6	1960.9
107.5°	261.3	306.6	351.8	363.1	651.2	1035.2	1227.3	1436.4	1854.4	2168.0	2171.5
110°	294.6	335.4	376.3	386.5	646.3	992.5	1165.6	1399.3	1866.7	2217.3	2232.6



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	327.3	366.3	405.2	414.9	646.4	955.2	1109.5	1348.7	1827.1	2185.9	2209.4
115°	376.6	412.5	448.4	457.3	652.4	912.3	1042.3	1272.7	1733.6	2079.2	2111.9
117.5°	425.3	457.9	490.5	498.6	664.4	885.5	996.1	1204.1	1619.9	1931.8	1968.1
120°	453.7	484.4	515.0	522.8	674.4	876.6	977.6	1167.6	1547.6	1832.6	1867.8
122.5°	481.5	512.4	543.4	551.1	688.5	871.8	963.5	1134.6	1476.8	1733.3	1768.1
125°	523.9	552.2	580.4	587.5	707.7	868.0	948.1	1093.4	1384.1	1602.1	1634.2
127.5°	558.5	587.0	615.5	622.6	726.8	865.7	935.1	1059.9	1309.5	1496.7	1523.7
130°	577.0	607.7	638.3	646.1	740.8	867.1	930.2	1041.3	1263.5	1430.1	1455.0
132.5°	596.1	626.8	657.4	665.1	752.1	868.0	925.9	1025.3	1224.2	1373.4	1395.7
135°	624.4	652.4	680.3	687.4	764.4	867.1	918.4	1001.7	1168.3	1293.3	1312.6
137.5°	653.4	681.0	708.8	715.7	782.9	872.5	917.3	987.7	1128.5	1234.1	1249.8
140°	677.5	703.0	728.5	734.8	794.2	873.3	912.9	973.8	1095.4	1186.6	1201.3
142.5°	695.9	719.6	743.1	749.0	803.6	876.5	912.9	966.4	1073.2	1153.3	1165.9
145°	724.3	744.9	765.4	770.5	816.0	876.6	906.8	950.5	1037.9	1103.4	1113.0
147.5°	752.7	772.6	792.6	797.6	834.0	882.5	906.8	941.2	1009.9	1061.5	1069.4
150°	771.1	789.2	807.3	811.8	843.5	885.6	906.8	935.8	993.8	1037.4	1043.8
152.5°	790.3	804.0	817.7	821.1	849.7	887.7	906.8	931.6	981.2	1018.3	1023.2
155°	818.7	828.7	838.8	841.4	863.2	892.3	906.8	926.5	966.0	995.5	998.8
157.5°	839.6	849.5	859.3	861.7	876.8	896.8	906.8	922.1	952.8	975.8	978.1
160°	853.7	861.4	869.1	871.0	883.0	898.9	906.8	919.9	946.2	966.0	967.3
162.5°	868.0	873.7	879.4	880.9	889.5	901.1	906.8	917.9	940.1	956.7	957.9
165°	883.4	888.5	893.7	895.0	899.0	904.2	906.8	914.7	930.6	942.6	943.8
167.5°	897.5	900.0	902.4	903.0	906.3	910.7	912.9	918.1	928.5	936.3	936.9
170°	906.8	909.3	911.7	912.3	912.5	912.8	912.9	918.1	928.5	936.3	936.3
172.5°	911.7	912.2	912.8	912.9	912.9	912.9	912.9	917.1	925.3	931.4	930.9
175°	918.4	918.4	918.4	918.4	916.6	914.1	912.9	915.5	920.7	924.7	924.7
177.5°	918.4	918.4	918.4	918.4	917.1	915.2	914.2	916.3	920.3	923.4	922.8
180°	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5
2.5°	2122.3	2116.5	2122.3	2118.5	2120.4	2114.5	2096.9	2091.0	2096.9	2102.8	2102.8
5°	2147.8	2143.9	2147.8	2147.8	2145.8	2141.9	2122.3	2118.5	2122.3	2124.3	2120.4
7.5°	2155.6	2149.8	2155.6	2151.8	2151.8	2147.8	2128.3	2124.3	2126.3	2132.1	2126.3
10°	2155.6	2149.8	2155.6	2153.6	2151.8	2147.8	2128.3	2120.4	2120.4	2126.3	2120.4
12.5°	2145.8	2141.9	2145.8	2141.9	2141.9	2138.0	2118.5	2110.6	2112.5	2114.5	2106.7
15°	2130.2	2124.3	2130.2	2126.3	2128.3	2122.3	2100.8	2093.0	2093.0	2096.9	2083.2
17.5°	2106.7	2098.9	2106.7	2104.7	2102.8	2098.9	2079.2	2071.4	2069.5	2071.4	2061.7
20°	2079.2	2073.4	2079.2	2077.4	2077.4	2069.5	2049.9	2040.1	2040.1	2040.1	2030.3
22.5°	2036.2	2030.3	2036.2	2040.1	2040.1	2038.1	2020.6	2006.8	2003.0	2003.0	1991.2
25°	1987.3	1981.4	1987.3	1987.3	1985.3	1987.3	1981.4	1973.5	1967.7	1961.8	1950.0
27.5°	1940.2	1936.4	1940.2	1936.4	1940.2	1934.4	1932.4	1930.5	1922.6	1916.8	1901.1
30°	1893.3	1889.4	1893.3	1889.4	1885.5	1881.5	1871.8	1867.8	1875.6	1871.8	1846.3
32.5°	1834.5	1830.7	1834.5	1834.5	1830.7	1830.7	1815.0	1809.1	1811.0	1822.8	1799.3
35°	1773.9	1767.9	1773.9	1771.9	1773.9	1767.9	1758.1	1756.3	1748.4	1762.1	1744.5
37.5°	1703.4	1697.5	1703.4	1703.4	1703.4	1707.3	1699.5	1693.5	1681.9	1699.5	1685.7
40°	1630.9	1623.1	1630.9	1629.0	1630.9	1634.8	1630.9	1627.0	1615.3	1629.0	1617.3
42.5°	1548.7	1546.7	1548.7	1550.7	1550.7	1558.5	1564.4	1556.5	1552.6	1542.9	1550.7
45°	1460.6	1456.7	1460.6	1464.5	1466.5	1470.3	1488.0	1488.0	1482.1	1466.5	1478.2
47.5°	1366.6	1356.8	1366.6	1378.4	1378.4	1384.2	1401.9	1415.5	1405.7	1386.2	1392.1
50°	1266.7	1268.7	1266.7	1274.6	1274.6	1296.2	1309.8	1323.5	1333.3	1309.8	1282.4
52.5°	1168.9	1166.9	1168.9	1174.7	1182.5	1192.3	1215.8	1229.6	1245.2	1231.5	1188.5
55°	1071.0	1074.8	1071.0	1073.0	1076.8	1082.7	1117.9	1131.7	1161.0	1143.4	1098.4
57.5°	973.1	967.2	973.1	977.0	978.9	984.8	1014.2	1039.7	1057.3	1059.2	1004.4
60°	859.6	851.7	859.6	877.1	881.1	885.0	912.4	935.8	951.5	957.4	900.7
62.5°	759.7	745.9	759.7	771.4	779.2	789.0	808.6	843.9	857.6	859.6	779.2
65°	654.0	648.0	654.0	677.5	679.3	691.1	712.6	738.1	767.5	763.6	648.0
67.5°	558.0	558.0	558.0	573.6	585.4	591.3	618.7	630.4	667.7	671.5	540.3
70°	469.9	467.9	469.9	481.6	489.5	503.2	528.7	542.3	571.7	581.5	438.6
72.5°	385.7	383.7	385.7	395.5	403.3	415.1	436.6	452.3	477.7	489.5	340.7
75°	311.3	307.4	311.3	319.1	317.1	332.9	350.4	366.2	389.7	397.5	252.5
77.5°	238.9	238.9	238.9	246.7	246.7	262.3	270.2	289.8	303.5	315.2	186.0
80°	178.1	176.3	178.1	180.1	180.1	187.9	201.7	215.4	227.1	227.1	127.3
82.5°	125.3	121.4	125.3	125.3	125.3	129.2	137.0	141.0	148.8	154.7	80.2
85°	78.3	78.3	78.3	80.2	78.3	82.2	84.2	88.1	88.1	84.2	48.9
87.5°	50.9	48.9	50.9	48.9	48.9	47.0	47.0	47.0	45.1	43.1	27.4
90°	23.4	23.4	23.4	23.4	23.4	31.2	41.6	46.8	40.3	27.2	17.3
92.5°	93.8	75.2	93.8	112.4	117.1	166.0	231.2	263.8	231.6	167.3	119.0
95°	327.0	270.6	327.0	383.4	397.6	522.1	688.1	771.1	651.3	411.6	231.8
97.5°	783.6	676.2	783.6	891.0	917.9	996.6	1101.5	1154.0	954.1	554.4	254.6
100°	1129.0	1001.0	1129.0	1256.9	1288.9	1283.2	1275.5	1271.7	1049.8	606.3	273.7
102.5°	1468.8	1359.2	1468.8	1578.4	1605.8	1505.5	1371.8	1305.0	1080.1	630.2	292.8
105°	1902.0	1843.1	1902.0	1960.9	1975.6	1750.8	1451.2	1301.3	1083.5	647.9	321.2
107.5°	2185.9	2200.1	2185.9	2171.5	2168.0	1854.4	1436.4	1227.3	1035.2	651.2	363.1
110°	2294.0	2355.4	2294.0	2232.6	2217.3	1866.7	1399.3	1165.6	992.5	646.3	386.5





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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2303.6	2397.9	2303.6	2209.4	2185.9	1827.1	1348.7	1109.5	955.2	646.4	414.9
115°	2242.6	2373.3	2242.6	2111.9	2079.2	1733.6	1272.7	1042.3	912.3	652.4	457.3
117.5°	2113.0	2258.0	2113.0	1968.1	1931.8	1619.9	1204.1	996.1	885.5	664.4	498.6
120°	2008.7	2149.5	2008.7	1867.8	1832.6	1547.6	1167.6	977.6	876.6	674.4	522.8
122.5°	1907.0	2046.0	1907.0	1768.1	1733.3	1476.8	1134.6	963.5	871.8	688.5	551.1
125°	1762.0	1889.9	1762.0	1634.2	1602.1	1384.1	1093.4	948.1	868.0	707.7	587.5
127.5°	1631.7	1739.6	1631.7	1523.7	1496.7	1309.5	1059.9	935.1	865.7	726.8	622.6
130°	1554.8	1654.5	1554.8	1455.0	1430.1	1263.5	1041.3	930.2	867.1	740.8	646.1
132.5°	1485.1	1574.4	1485.1	1395.7	1373.4	1224.2	1025.3	925.9	868.0	752.1	665.1
135°	1389.5	1466.5	1389.5	1312.6	1293.3	1168.3	1001.7	918.4	867.1	764.4	687.4
137.5°	1312.9	1375.9	1312.9	1249.8	1234.1	1128.5	987.7	917.3	872.5	782.9	715.7
140°	1260.3	1319.2	1260.3	1201.3	1186.6	1095.4	973.8	912.9	873.3	794.2	734.8
142.5°	1216.7	1267.4	1216.7	1165.9	1153.3	1073.2	966.4	912.9	876.5	803.6	749.0
145°	1151.4	1189.7	1151.4	1113.0	1103.4	1037.9	950.5	906.8	876.6	816.0	770.5
147.5°	1101.2	1133.0	1101.2	1069.4	1061.5	1009.9	941.2	906.8	882.5	834.0	797.6
150°	1069.6	1095.4	1069.6	1043.8	1037.4	993.8	935.8	906.8	885.6	843.5	811.8
152.5°	1042.6	1062.1	1042.6	1023.2	1018.3	981.2	931.6	906.8	887.7	849.7	821.1
155°	1011.6	1024.5	1011.6	998.8	995.5	966.0	926.5	906.8	892.3	863.2	841.4
157.5°	987.1	996.1	987.1	978.1	975.8	952.8	922.1	906.8	896.8	876.8	861.7
160°	972.5	977.6	972.5	967.3	966.0	946.2	919.9	906.8	898.9	883.0	871.0
162.5°	962.8	967.7	962.8	957.9	956.7	940.1	917.9	906.8	901.1	889.5	880.9
165°	949.1	954.2	949.1	943.8	942.6	930.6	914.7	906.8	904.2	899.0	895.0
167.5°	939.1	941.3	939.1	936.9	936.3	928.5	918.1	912.9	910.7	906.3	903.0
170°	936.3	936.3	936.3	936.3	936.3	928.5	918.1	912.9	912.8	912.5	912.3
172.5°	929.0	927.1	929.0	930.9	931.4	925.3	917.1	912.9	912.9	912.9	912.9
175°	924.7	924.7	924.7	924.7	924.7	920.7	915.5	912.9	914.1	916.6	918.4
177.5°	920.6	918.4	920.6	922.8	923.4	920.3	916.3	914.2	915.2	917.1	918.4
180°	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4



TEST NUMBER: P935219

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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5
2.5°	2098.9	2087.2	2087.2	2067.5	2059.7	2053.9	2044.1	2014.6	2006.8	1999.0	2010.8
5°	2116.5	2095.0	2079.2	2044.1	2014.6	2003.0	1965.7	1895.3	1848.3	1813.0	1793.4
7.5°	2120.4	2093.0	2063.6	2008.8	1938.4	1906.9	1793.4	1664.2	1629.0	1597.6	1578.0
10°	2116.5	2085.2	2044.1	1961.8	1795.4	1740.6	1627.0	1542.9	1521.3	1515.4	1521.3
12.5°	2102.8	2073.4	2016.6	1879.6	1646.6	1609.4	1542.9	1493.9	1490.0	1499.8	1552.6
15°	2079.2	2051.9	1985.3	1769.9	1564.4	1536.9	1490.0	1472.3	1493.9	1562.4	1721.0
17.5°	2055.8	2024.4	1942.2	1662.2	1501.7	1482.1	1448.8	1484.1	1605.5	1697.5	1750.3
20°	2024.4	1987.3	1893.3	1584.0	1456.7	1439.0	1423.4	1582.0	1674.0	1707.3	1736.6
22.5°	1987.3	1948.1	1826.7	1529.1	1409.7	1395.9	1405.7	1636.8	1674.0	1697.5	1723.0
25°	1938.4	1905.1	1748.4	1486.1	1372.5	1356.8	1394.1	1630.9	1652.4	1658.4	1709.2
27.5°	1893.3	1850.2	1666.2	1446.9	1327.5	1321.5	1403.8	1605.5	1621.1	1627.0	1681.9
30°	1838.5	1773.9	1574.2	1405.7	1280.4	1278.5	1405.7	1574.2	1570.2	1585.9	1640.7
32.5°	1781.7	1660.3	1470.3	1354.8	1235.4	1233.5	1392.1	1527.2	1523.2	1544.7	1585.9
35°	1728.8	1572.2	1329.5	1296.2	1178.7	1180.6	1358.8	1472.3	1474.3	1493.9	1519.3
37.5°	1674.0	1495.8	1174.7	1231.5	1123.8	1123.8	1313.7	1421.4	1417.5	1423.4	1458.6
40°	1609.4	1376.4	1037.7	1147.4	1073.0	1067.0	1258.9	1366.6	1352.9	1351.0	1399.9
42.5°	1540.9	1245.2	935.8	1035.7	1014.2	1006.4	1192.3	1300.0	1274.6	1280.4	1343.1
45°	1466.5	1210.0	857.6	875.2	953.5	947.6	1119.9	1223.6	1206.1	1221.8	1286.4
47.5°	1392.1	1139.5	832.1	726.4	888.9	886.9	1039.7	1149.2	1139.5	1155.2	1223.6
50°	1290.2	1061.2	830.1	622.6	816.5	824.3	943.7	1076.8	1076.8	1090.6	1163.0
52.5°	1159.0	965.3	753.7	563.9	732.2	755.7	859.6	1014.2	1018.1	1031.8	1096.4
55°	1039.7	865.4	699.0	518.8	632.4	683.3	777.3	949.6	957.4	971.1	1029.9
57.5°	930.0	720.5	687.3	465.9	540.3	589.3	704.8	886.9	890.9	902.6	959.3
60°	812.5	520.8	630.4	409.2	460.1	497.3	638.2	812.5	826.3	834.1	883.0
62.5°	679.3	377.9	571.7	370.0	421.0	428.8	583.4	742.1	759.7	765.5	794.9
65°	483.6	317.1	485.6	336.7	379.8	381.8	524.7	669.6	685.3	695.1	716.6
67.5°	326.9	258.5	370.0	305.4	348.5	350.4	467.9	585.4	606.9	614.7	628.5
70°	227.1	172.3	274.1	272.2	313.3	317.1	407.3	509.0	528.7	534.5	542.3
72.5°	166.4	139.0	227.1	244.7	276.0	280.0	344.6	422.9	442.5	448.4	452.3
75°	127.3	146.8	184.1	213.4	234.9	236.9	282.0	344.6	358.2	362.2	364.2
77.5°	101.8	137.0	135.1	172.3	191.9	187.9	221.2	266.3	278.0	278.0	278.0
80°	76.4	107.7	101.8	123.3	141.0	137.0	158.6	189.9	193.8	197.7	195.8
82.5°	56.8	68.6	68.6	78.3	94.0	90.1	105.7	123.3	123.3	123.3	127.3
85°	35.3	39.1	31.3	41.1	52.9	50.9	58.8	66.6	68.6	68.6	64.6
87.5°	21.5	17.6	9.8	15.7	23.5	23.5	27.4	29.3	27.4	27.4	27.4
90°	16.0	11.1	6.1	11.1	16.0	17.3	27.2	40.3	46.8	41.6	31.2
92.5°	108.5	66.6	24.7	66.6	108.5	119.0	167.3	231.6	263.8	231.2	166.0
95°	212.6	135.8	59.2	135.8	212.6	231.8	411.6	651.3	771.1	688.1	522.1
97.5°	237.7	170.0	102.4	170.0	237.7	254.6	554.4	954.1	1154.0	1101.5	996.6
100°	258.4	197.0	135.7	197.0	258.4	273.7	606.3	1049.8	1271.7	1275.5	1283.2
102.5°	278.5	221.3	164.0	221.3	278.5	292.8	630.2	1080.1	1305.0	1371.8	1505.5
105°	309.0	260.5	212.0	260.5	309.0	321.2	647.9	1083.5	1301.3	1451.2	1750.8
107.5°	351.8	306.6	261.3	306.6	351.8	363.1	651.2	1035.2	1227.3	1436.4	1854.4
110°	376.3	335.4	294.6	335.4	376.3	386.5	646.3	992.5	1165.6	1399.3	1866.7



TEST NUMBER: P935219

CATALOG NUMBER: SQ4-FA-100U-100D-840-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	405.2	366.3	327.3	366.3	405.2	414.9	646.4	955.2	1109.5	1348.7	1827.1
115°	448.4	412.5	376.6	412.5	448.4	457.3	652.4	912.3	1042.3	1272.7	1733.6
117.5°	490.5	457.9	425.3	457.9	490.5	498.6	664.4	885.5	996.1	1204.1	1619.9
120°	515.0	484.4	453.7	484.4	515.0	522.8	674.4	876.6	977.6	1167.6	1547.6
122.5°	543.4	512.4	481.5	512.4	543.4	551.1	688.5	871.8	963.5	1134.6	1476.8
125°	580.4	552.2	523.9	552.2	580.4	587.5	707.7	868.0	948.1	1093.4	1384.1
127.5°	615.5	587.0	558.5	587.0	615.5	622.6	726.8	865.7	935.1	1059.9	1309.5
130°	638.3	607.7	577.0	607.7	638.3	646.1	740.8	867.1	930.2	1041.3	1263.5
132.5°	657.4	626.8	596.1	626.8	657.4	665.1	752.1	868.0	925.9	1025.3	1224.2
135°	680.3	652.4	624.4	652.4	680.3	687.4	764.4	867.1	918.4	1001.7	1168.3
137.5°	708.8	681.0	653.4	681.0	708.8	715.7	782.9	872.5	917.3	987.7	1128.5
140°	728.5	703.0	677.5	703.0	728.5	734.8	794.2	873.3	912.9	973.8	1095.4
142.5°	743.1	719.6	695.9	719.6	743.1	749.0	803.6	876.5	912.9	966.4	1073.2
145°	765.4	744.9	724.3	744.9	765.4	770.5	816.0	876.6	906.8	950.5	1037.9
147.5°	792.6	772.6	752.7	772.6	792.6	797.6	834.0	882.5	906.8	941.2	1009.9
150°	807.3	789.2	771.1	789.2	807.3	811.8	843.5	885.6	906.8	935.8	993.8
152.5°	817.7	804.0	790.3	804.0	817.7	821.1	849.7	887.7	906.8	931.6	981.2
155°	838.8	828.7	818.7	828.7	838.8	841.4	863.2	892.3	906.8	926.5	966.0
157.5°	859.3	849.5	839.6	849.5	859.3	861.7	876.8	896.8	906.8	922.1	952.8
160°	869.1	861.4	853.7	861.4	869.1	871.0	883.0	898.9	906.8	919.9	946.2
162.5°	879.4	873.7	868.0	873.7	879.4	880.9	889.5	901.1	906.8	917.9	940.1
165°	893.7	888.5	883.4	888.5	893.7	895.0	899.0	904.2	906.8	914.7	930.6
167.5°	902.4	900.0	897.5	900.0	902.4	903.0	906.3	910.7	912.9	918.1	928.5
170°	911.7	909.3	906.8	909.3	911.7	912.3	912.5	912.8	912.9	918.1	928.5
172.5°	912.8	912.2	911.7	912.2	912.8	912.9	912.9	912.9	912.9	917.1	925.3
175°	918.4	918.4	918.4	918.4	918.4	918.4	916.6	914.1	912.9	915.5	920.7
177.5°	918.4	918.4	918.4	918.4	918.4	918.4	917.1	915.2	914.2	916.3	920.3
180°	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4



TEST NUMBER: P935219  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5
2.5°	1997.0	1991.2	1999.0	1977.5	1999.0	1991.2	1997.0	2010.8	1999.0	2006.8	2014.6
5°	1752.3	1742.5	1711.2	1685.7	1711.2	1742.5	1752.3	1793.4	1813.0	1848.3	1895.3
7.5°	1566.3	1558.5	1550.7	1535.0	1550.7	1558.5	1566.3	1578.0	1597.6	1629.0	1664.2
10°	1525.2	1527.2	1538.9	1536.9	1538.9	1527.2	1525.2	1521.3	1515.4	1521.3	1542.9
12.5°	1630.9	1648.6	1713.2	1709.2	1713.2	1648.6	1630.9	1552.6	1499.8	1490.0	1493.9
15°	1752.3	1758.1	1771.9	1773.9	1771.9	1758.1	1752.3	1721.0	1562.4	1493.9	1472.3
17.5°	1764.1	1766.0	1775.8	1775.8	1775.8	1766.0	1764.1	1750.3	1697.5	1605.5	1484.1
20°	1754.3	1758.1	1777.8	1781.7	1777.8	1758.1	1754.3	1736.6	1707.3	1674.0	1582.0
22.5°	1750.3	1758.1	1773.9	1771.9	1773.9	1758.1	1750.3	1723.0	1697.5	1674.0	1636.8
25°	1730.8	1730.8	1732.8	1734.7	1732.8	1730.8	1730.8	1709.2	1658.4	1652.4	1630.9
27.5°	1689.7	1693.5	1705.3	1703.4	1705.3	1693.5	1689.7	1681.9	1627.0	1621.1	1605.5
30°	1652.4	1648.6	1638.8	1630.9	1638.8	1648.6	1652.4	1640.7	1585.9	1570.2	1574.2
32.5°	1589.8	1580.0	1570.2	1564.4	1570.2	1580.0	1589.8	1585.9	1544.7	1523.2	1527.2
35°	1515.4	1517.4	1515.4	1509.6	1515.4	1517.4	1515.4	1519.3	1493.9	1474.3	1472.3
37.5°	1462.5	1466.5	1464.5	1456.7	1464.5	1466.5	1462.5	1458.6	1423.4	1417.5	1421.4
40°	1407.7	1409.7	1407.7	1401.9	1407.7	1409.7	1407.7	1399.9	1351.0	1352.9	1366.6
42.5°	1354.8	1352.9	1347.0	1343.1	1347.0	1352.9	1354.8	1343.1	1280.4	1274.6	1300.0
45°	1294.2	1296.2	1284.4	1278.5	1284.4	1296.2	1294.2	1286.4	1221.8	1206.1	1223.6
47.5°	1233.5	1233.5	1223.6	1217.8	1223.6	1233.5	1233.5	1223.6	1155.2	1139.5	1149.2
50°	1168.9	1166.9	1153.2	1151.2	1153.2	1166.9	1168.9	1163.0	1090.6	1076.8	1076.8
52.5°	1094.5	1094.5	1096.4	1100.3	1096.4	1094.5	1094.5	1096.4	1031.8	1018.1	1014.2
55°	1029.9	1031.8	1045.5	1049.5	1045.5	1031.8	1029.9	1029.9	971.1	957.4	949.6
57.5°	963.3	963.3	973.1	973.1	973.1	963.3	963.3	959.3	902.6	890.9	886.9
60°	886.9	890.9	898.7	896.7	898.7	890.9	886.9	883.0	834.1	826.3	812.5
62.5°	806.6	810.6	812.5	808.6	812.5	810.6	806.6	794.9	765.5	759.7	742.1
65°	722.4	726.4	728.4	724.4	728.4	726.4	722.4	716.6	695.1	685.3	669.6
67.5°	636.3	634.4	632.4	640.2	632.4	634.4	636.3	628.5	614.7	606.9	585.4
70°	548.2	548.2	546.3	550.1	546.3	548.2	548.2	542.3	534.5	528.7	509.0
72.5°	454.2	452.3	460.1	454.2	460.1	452.3	454.2	452.3	448.4	442.5	422.9
75°	362.2	366.2	362.2	368.1	362.2	366.2	362.2	364.2	362.2	358.2	344.6
77.5°	276.0	280.0	276.0	276.0	276.0	280.0	276.0	278.0	278.0	278.0	266.3
80°	195.8	193.8	193.8	191.9	193.8	193.8	195.8	195.8	197.7	193.8	189.9
82.5°	125.3	123.3	123.3	127.3	123.3	123.3	125.3	127.3	123.3	123.3	123.3
85°	68.6	70.4	66.6	66.6	66.6	70.4	68.6	64.6	68.6	68.6	66.6
87.5°	25.5	23.5	23.5	23.5	23.5	23.5	25.5	27.4	27.4	27.4	29.3
90°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	31.2	41.6	46.8	40.3
92.5°	117.1	112.4	93.8	75.2	93.8	112.4	117.1	166.0	231.2	263.8	231.6
95°	397.6	383.4	327.0	270.6	327.0	383.4	397.6	522.1	688.1	771.1	651.3
97.5°	917.9	891.0	783.6	676.2	783.6	891.0	917.9	996.6	1101.5	1154.0	954.1
100°	1288.9	1256.9	1129.0	1001.0	1129.0	1256.9	1288.9	1283.2	1275.5	1271.7	1049.8
102.5°	1605.8	1578.4	1468.8	1359.2	1468.8	1578.4	1605.8	1505.5	1371.8	1305.0	1080.1
105°	1975.6	1960.9	1902.0	1843.1	1902.0	1960.9	1975.6	1750.8	1451.2	1301.3	1083.5
107.5°	2168.0	2171.5	2185.9	2200.1	2185.9	2171.5	2168.0	1854.4	1436.4	1227.3	1035.2
110°	2217.3	2232.6	2294.0	2355.4	2294.0	2232.6	2217.3	1866.7	1399.3	1165.6	992.5



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2185.9	2209.4	2303.6	2397.9	2303.6	2209.4	2185.9	1827.1	1348.7	1109.5	955.2
115°	2079.2	2111.9	2242.6	2373.3	2242.6	2111.9	2079.2	1733.6	1272.7	1042.3	912.3
117.5°	1931.8	1968.1	2113.0	2258.0	2113.0	1968.1	1931.8	1619.9	1204.1	996.1	885.5
120°	1832.6	1867.8	2008.7	2149.5	2008.7	1867.8	1832.6	1547.6	1167.6	977.6	876.6
122.5°	1733.3	1768.1	1907.0	2046.0	1907.0	1768.1	1733.3	1476.8	1134.6	963.5	871.8
125°	1602.1	1634.2	1762.0	1889.9	1762.0	1634.2	1602.1	1384.1	1093.4	948.1	868.0
127.5°	1496.7	1523.7	1631.7	1739.6	1631.7	1523.7	1496.7	1309.5	1059.9	935.1	865.7
130°	1430.1	1455.0	1554.8	1654.5	1554.8	1455.0	1430.1	1263.5	1041.3	930.2	867.1
132.5°	1373.4	1395.7	1485.1	1574.4	1485.1	1395.7	1373.4	1224.2	1025.3	925.9	868.0
135°	1293.3	1312.6	1389.5	1466.5	1389.5	1312.6	1293.3	1168.3	1001.7	918.4	867.1
137.5°	1234.1	1249.8	1312.9	1375.9	1312.9	1249.8	1234.1	1128.5	987.7	917.3	872.5
140°	1186.6	1201.3	1260.3	1319.2	1260.3	1201.3	1186.6	1095.4	973.8	912.9	873.3
142.5°	1153.3	1165.9	1216.7	1267.4	1216.7	1165.9	1153.3	1073.2	966.4	912.9	876.5
145°	1103.4	1113.0	1151.4	1189.7	1151.4	1113.0	1103.4	1037.9	950.5	906.8	876.6
147.5°	1061.5	1069.4	1101.2	1133.0	1101.2	1069.4	1061.5	1009.9	941.2	906.8	882.5
150°	1037.4	1043.8	1069.6	1095.4	1069.6	1043.8	1037.4	993.8	935.8	906.8	885.6
152.5°	1018.3	1023.2	1042.6	1062.1	1042.6	1023.2	1018.3	981.2	931.6	906.8	887.7
155°	995.5	998.8	1011.6	1024.5	1011.6	998.8	995.5	966.0	926.5	906.8	892.3
157.5°	975.8	978.1	987.1	996.1	987.1	978.1	975.8	952.8	922.1	906.8	896.8
160°	966.0	967.3	972.5	977.6	972.5	967.3	966.0	946.2	919.9	906.8	898.9
162.5°	956.7	957.9	962.8	967.7	962.8	957.9	956.7	940.1	917.9	906.8	901.1
165°	942.6	943.8	949.1	954.2	949.1	943.8	942.6	930.6	914.7	906.8	904.2
167.5°	936.3	936.9	939.1	941.3	939.1	936.9	936.3	928.5	918.1	912.9	910.7
170°	936.3	936.3	936.3	936.3	936.3	936.3	936.3	928.5	918.1	912.9	912.8
172.5°	931.4	930.9	929.0	927.1	929.0	930.9	931.4	925.3	917.1	912.9	912.9
175°	924.7	924.7	924.7	924.7	924.7	924.7	924.7	920.7	915.5	912.9	914.1
177.5°	923.4	922.8	920.6	918.4	920.6	922.8	923.4	920.3	916.3	914.2	915.2
180°	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4	918.4



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2069.5	2069.5	2069.5	2069.5	2069.5
2.5°	2044.1	2053.9	2059.7	2067.5	2087.2
5°	1965.7	2003.0	2014.6	2044.1	2079.2
7.5°	1793.4	1906.9	1938.4	2008.8	2063.6
10°	1627.0	1740.6	1795.4	1961.8	2044.1
12.5°	1542.9	1609.4	1646.6	1879.6	2016.6
15°	1490.0	1536.9	1564.4	1769.9	1985.3
17.5°	1448.8	1482.1	1501.7	1662.2	1942.2
20°	1423.4	1439.0	1456.7	1584.0	1893.3
22.5°	1405.7	1395.9	1409.7	1529.1	1826.7
25°	1394.1	1356.8	1372.5	1486.1	1748.4
27.5°	1403.8	1321.5	1327.5	1446.9	1666.2
30°	1405.7	1278.5	1280.4	1405.7	1574.2
32.5°	1392.1	1233.5	1235.4	1354.8	1470.3
35°	1358.8	1180.6	1178.7	1296.2	1329.5
37.5°	1313.7	1123.8	1123.8	1231.5	1174.7
40°	1258.9	1067.0	1073.0	1147.4	1037.7
42.5°	1192.3	1006.4	1014.2	1035.7	935.8
45°	1119.9	947.6	953.5	875.2	857.6
47.5°	1039.7	886.9	888.9	726.4	832.1
50°	943.7	824.3	816.5	622.6	830.1
52.5°	859.6	755.7	732.2	563.9	753.7
55°	777.3	683.3	632.4	518.8	699.0
57.5°	704.8	589.3	540.3	465.9	687.3
60°	638.2	497.3	460.1	409.2	630.4
62.5°	583.4	428.8	421.0	370.0	571.7
65°	524.7	381.8	379.8	336.7	485.6
67.5°	467.9	350.4	348.5	305.4	370.0
70°	407.3	317.1	313.3	272.2	274.1
72.5°	344.6	280.0	276.0	244.7	227.1
75°	282.0	236.9	234.9	213.4	184.1
77.5°	221.2	187.9	191.9	172.3	135.1
80°	158.6	137.0	141.0	123.3	101.8
82.5°	105.7	90.1	94.0	78.3	68.6
85°	58.8	50.9	52.9	41.1	31.3
87.5°	27.4	23.5	23.5	15.7	9.8
90°	27.2	17.3	16.0	11.1	6.1
92.5°	167.3	119.0	108.5	66.6	24.7
95°	411.6	231.8	212.6	135.8	59.2
97.5°	554.4	254.6	237.7	170.0	102.4
100°	606.3	273.7	258.4	197.0	135.7
102.5°	630.2	292.8	278.5	221.3	164.0
105°	647.9	321.2	309.0	260.5	212.0
107.5°	651.2	363.1	351.8	306.6	261.3
110°	646.3	386.5	376.3	335.4	294.6



TEST NUMBER: P935219

CATALOG NUMBER: SQ4-FA-100U-100D-840-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	646.4	414.9	405.2	366.3	327.3
115°	652.4	457.3	448.4	412.5	376.6
117.5°	664.4	498.6	490.5	457.9	425.3
120°	674.4	522.8	515.0	484.4	453.7
122.5°	688.5	551.1	543.4	512.4	481.5
125°	707.7	587.5	580.4	552.2	523.9
127.5°	726.8	622.6	615.5	587.0	558.5
130°	740.8	646.1	638.3	607.7	577.0
132.5°	752.1	665.1	657.4	626.8	596.1
135°	764.4	687.4	680.3	652.4	624.4
137.5°	782.9	715.7	708.8	681.0	653.4
140°	794.2	734.8	728.5	703.0	677.5
142.5°	803.6	749.0	743.1	719.6	695.9
145°	816.0	770.5	765.4	744.9	724.3
147.5°	834.0	797.6	792.6	772.6	752.7
150°	843.5	811.8	807.3	789.2	771.1
152.5°	849.7	821.1	817.7	804.0	790.3
155°	863.2	841.4	838.8	828.7	818.7
157.5°	876.8	861.7	859.3	849.5	839.6
160°	883.0	871.0	869.1	861.4	853.7
162.5°	889.5	880.9	879.4	873.7	868.0
165°	899.0	895.0	893.7	888.5	883.4
167.5°	906.3	903.0	902.4	900.0	897.5
170°	912.5	912.3	911.7	909.3	906.8
172.5°	912.9	912.9	912.8	912.2	911.7
175°	916.6	918.4	918.4	918.4	918.4
177.5°	917.1	918.4	918.4	918.4	918.4
180°	918.4	918.4	918.4	918.4	918.4



TEST NUMBER: P935219  
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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	13.42	14.26	14.40	15.25	16.56	16.24	17.08	17.22	18.07	19.38
	3H	13.89	14.64	14.88	15.64	16.97	17.58	18.33	18.57	19.34	20.67
	4H	14.08	14.79	15.09	15.80	17.14	18.03	18.74	19.03	19.74	21.08
	6H	14.20	14.86	15.21	15.86	17.21	18.31	18.96	19.32	19.97	21.32
	8H	14.20	14.82	15.22	15.85	17.20	18.38	19.00	19.40	20.03	21.38
	12H	14.17	14.76	15.20	15.78	17.15	18.42	19.01	19.44	20.03	21.40
4H	2H	14.45	15.16	15.45	16.16	17.50	16.65	17.36	17.66	18.36	19.70
	3H	15.47	16.06	16.49	17.10	18.45	18.15	18.74	19.17	19.78	21.13
	4H	15.75	16.29	16.77	17.31	18.69	18.68	19.22	19.70	20.24	21.62
	6H	15.87	16.34	16.91	17.38	18.75	19.04	19.50	20.08	20.55	21.92
	8H	15.87	16.31	16.91	17.35	18.74	19.14	19.58	20.18	20.62	22.01
	12H	15.84	16.23	16.90	17.29	18.68	19.20	19.59	20.25	20.65	22.04
8H	4H	16.20	16.63	17.23	17.67	19.06	18.80	19.23	19.84	20.28	21.66
	6H	16.46	16.82	17.52	17.90	19.28	19.23	19.59	20.29	20.68	22.06
	8H	16.50	16.82	17.57	17.88	19.29	19.38	19.70	20.45	20.77	22.17
	12H	16.48	16.76	17.56	17.82	19.27	19.48	19.76	20.55	20.82	22.26
12H	4H	16.20	16.59	17.26	17.65	19.04	18.76	19.16	19.82	20.21	21.60
	6H	16.52	16.83	17.59	17.90	19.30	19.23	19.55	20.30	20.61	22.02
	8H	16.58	16.86	17.66	17.92	19.37	19.39	19.67	20.46	20.73	22.17