

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: P934712

Luminaire Tested: SQ4-FA-075U-075D-830-1D-UNV-STD-W-8

Issue Date: 12/17/2024

**Test Information**

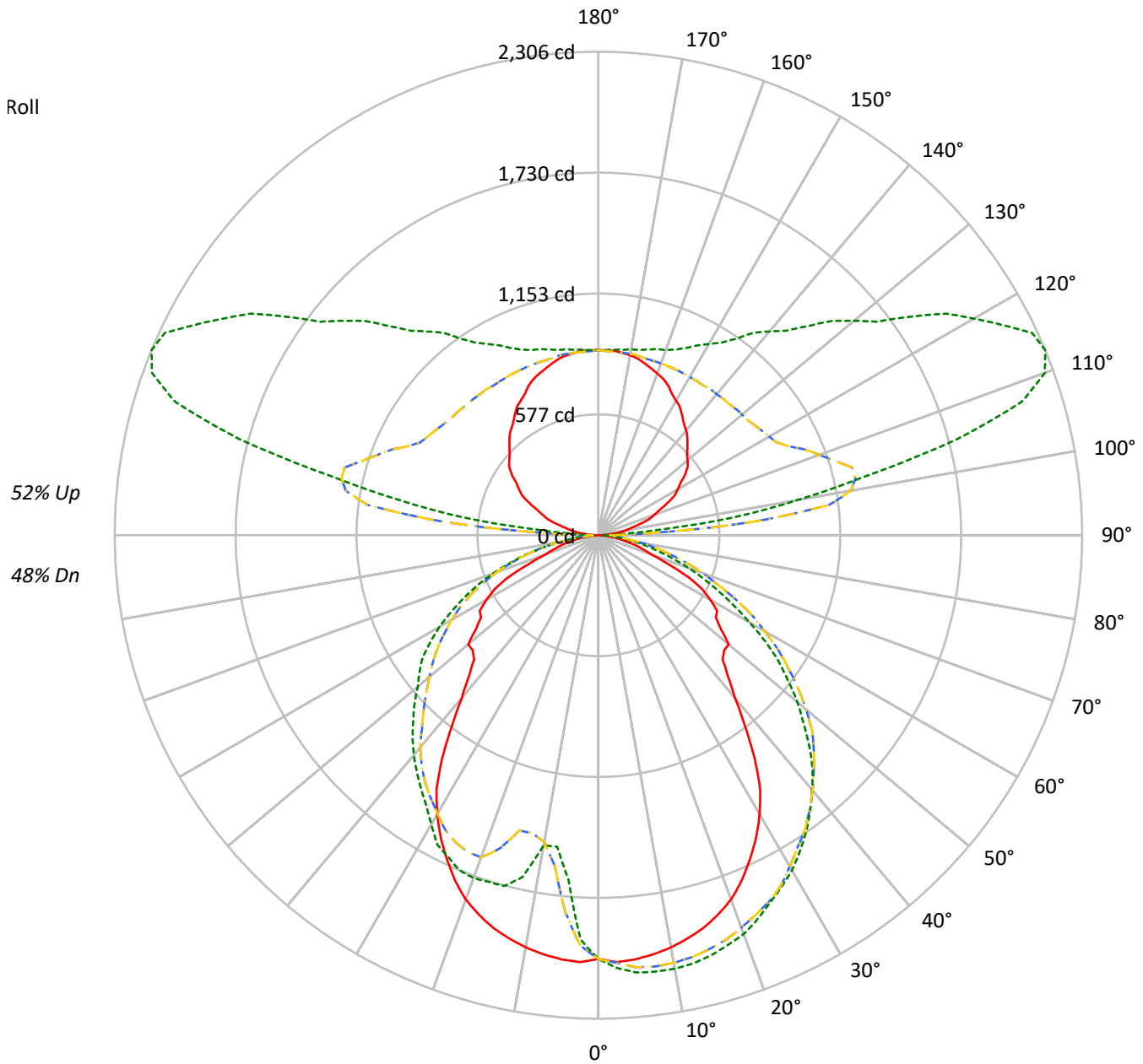
Test Method: LM-79-2019  
Report Number: P934712  
REPORT IS A COMBINATION OF REPORTS P933712 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-075U-075D-830-1D-UNV-STD-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10968.2 lumens  
Efficiency: N/A  
Efficacy: 129.3 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')  
CIE Type: General Diffuse  
  
Input Watts (W): 84.8  
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	89	86	82	79	72	70	68	60	58	56	48	47	46	40	40	40	40
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	40	39	34	34	34	34
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	29	29	29	29
4	74	63	55	49	68	58	52	46	49	44	40	41	37	34	33	31	28	25	25	25	25
5	68	56	48	42	62	52	45	40	44	39	34	37	33	29	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	30	26	30	26	23	25	22	19	17	17	17	17
8	54	41	33	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	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°	9376	9376	9376	9376
5°	9446	9465	9446	7442
10°	9383	9323	9383	6665
15°	9281	9121	9281	7617
20°	9087	8882	9087	7632
25°	8689	8533	8689	7470
30°	8176	8243	8176	7116
35°	7289	7876	7289	6725
40°	6074	7445	6074	6430
45°	5427	6940	5427	6091
50°	5766	6338	5766	5752
55°	5425	5689	5425	5554
60°	5592	4832	5592	5087
65°	5070	3994	5070	4465
70°	3511	3183	3511	3743
75°	3078	2353	3078	2818
80°	2480	1556	2480	1694
85°	1425	824	1425	700

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 8317 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	182.4	1.7
10°-20°	517.9	4.7
20°-30°	800.6	7.3
30°-40°	955.8	8.7
40°-50°	961.4	8.8
50°-60°	836.6	7.6
60°-70°	593.2	5.4
70°-80°	313.8	2.9
80°-90°	81.5	0.7
90°-100°	430.5	3.9
100°-110°	1131.8	10.3
110°-120°	1173.5	10.7
120°-130°	941.3	8.6
130°-140°	738.6	6.7
140°-150°	566.9	5.2
150°-160°	408.3	3.7
160°-170°	249.8	2.3
170°-180°	84.4	0.8
0°-30°	1501.0	13.7
0°-40°	2456.8	22.4
0°-60°	4254.7	38.8
0°-90°	5243.2	47.8
90°-120°	2735.8	24.9
90°-150°	4982.6	45.4
90°-180°	5725.0	52.2
0°-180°	10968.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2021	2021	2021	2021	2021	
5°	2030	2094	2030	1646	2030	193
15°	1939	2074	1939	1732	1939	545
25°	1707	1935	1707	1694	1707	784
35°	1298	1726	1298	1474	1298	803
45°	838	1422	838	1248	838	671
55°	683	1050	683	1025	683	627
65°	474	633	474	707	474	453
75°	180	300	180	360	180	189
85°	31	76	31	65	31	41
90°	6	23	6	23	6	6
95°	57	260	57	260	57	63
105°	204	1772	204	1772	204	216
115°	362	2282	362	2282	362	358
125°	504	1817	504	1817	504	447
135°	600	1410	600	1410	600	465
145°	696	1144	696	1144	696	436
155°	787	985	787	985	787	362
165°	849	918	849	918	849	240
175°	883	889	883	889	883	84
180°	883	883	883	883	883	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9
2.5°	2038.1	2038.1	2049.6	2053.4	2053.4	2047.7	2041.9	2047.7	2064.9	2070.6	2068.7
5°	2030.4	2045.7	2066.8	2070.6	2074.4	2072.5	2068.7	2072.5	2091.6	2095.5	2097.4
7.5°	2015.2	2043.8	2070.6	2076.3	2082.1	2076.3	2074.4	2078.2	2097.4	2101.2	2101.2
10°	1996.0	2036.2	2066.8	2070.6	2076.3	2070.6	2070.6	2078.2	2097.4	2101.2	2103.1
12.5°	1969.3	2024.7	2053.4	2057.2	2064.9	2063.0	2061.0	2068.7	2087.8	2091.6	2091.6
15°	1938.7	2003.7	2030.4	2034.3	2047.7	2043.8	2043.8	2051.5	2072.5	2078.2	2076.3
17.5°	1896.6	1976.9	2007.5	2013.2	2022.8	2020.9	2022.8	2030.4	2049.6	2053.4	2055.3
20°	1848.8	1940.6	1976.9	1982.6	1992.2	1992.2	1992.2	2001.8	2020.9	2028.5	2028.5
22.5°	1783.8	1902.3	1940.6	1944.4	1955.9	1955.9	1959.7	1973.1	1990.3	1992.2	1992.2
25°	1707.3	1860.3	1892.8	1904.3	1915.7	1921.5	1927.2	1934.8	1940.6	1938.7	1940.6
27.5°	1627.0	1806.7	1848.8	1856.5	1871.8	1877.5	1885.1	1887.0	1889.0	1894.7	1890.9
30°	1537.2	1732.2	1795.3	1802.9	1827.8	1831.6	1824.0	1827.8	1837.3	1841.2	1845.0
32.5°	1435.8	1621.3	1739.8	1757.0	1780.0	1768.5	1766.6	1772.3	1787.6	1787.6	1791.4
35°	1298.2	1535.2	1688.2	1703.5	1720.7	1707.3	1715.0	1716.9	1726.4	1732.2	1730.3
37.5°	1147.1	1460.7	1634.7	1646.1	1659.5	1642.3	1653.8	1659.5	1667.2	1663.3	1663.3
40°	1013.4	1344.0	1571.6	1579.2	1590.7	1577.3	1588.8	1592.6	1596.4	1592.6	1590.7
42.5°	913.9	1215.9	1504.6	1514.2	1506.6	1516.1	1519.9	1527.6	1521.9	1514.2	1514.2
45°	837.5	1181.5	1432.0	1443.5	1432.0	1447.3	1453.0	1453.0	1435.8	1432.0	1430.1
47.5°	812.6	1112.8	1359.3	1359.3	1353.6	1372.7	1382.3	1368.9	1351.7	1346.0	1346.0
50°	810.7	1036.3	1259.9	1252.3	1279.0	1302.0	1292.4	1279.0	1265.6	1244.6	1244.6
52.5°	736.1	942.6	1131.9	1160.5	1202.6	1215.9	1200.6	1187.3	1164.3	1154.8	1147.1
55°	682.6	845.1	1015.3	1072.6	1116.6	1133.8	1105.1	1091.8	1057.3	1051.6	1047.8
57.5°	671.1	703.6	908.2	980.9	1034.4	1032.5	1015.3	990.4	961.7	956.0	954.1
60°	615.7	508.6	793.5	879.5	935.0	929.2	913.9	891.0	864.2	860.4	856.6
62.5°	558.3	369.0	663.5	761.0	839.4	837.5	824.1	789.7	770.5	761.0	753.3
65°	474.2	309.7	472.3	632.9	745.7	749.5	720.8	696.0	674.9	663.5	661.6
67.5°	361.4	252.4	319.3	527.7	655.8	652.0	615.7	604.2	577.4	571.7	560.2
70°	267.7	168.3	221.8	428.3	567.9	558.3	529.6	516.2	491.4	478.0	470.4
72.5°	221.8	135.8	162.5	332.7	478.0	466.5	441.7	426.4	405.3	393.9	386.2
75°	179.7	143.4	124.3	246.6	388.1	380.5	357.5	342.2	325.0	309.7	311.7
77.5°	131.9	133.8	99.4	181.6	307.8	296.4	283.0	263.9	256.2	240.9	240.9
80°	99.4	105.2	74.6	124.3	221.8	221.8	210.3	196.9	183.6	175.9	175.9
82.5°	66.9	66.9	55.4	78.4	151.0	145.3	137.7	133.8	126.2	122.4	122.4
85°	30.6	38.2	34.4	47.8	82.2	86.0	86.0	82.2	80.3	76.5	78.4
87.5°	9.6	17.2	21.0	26.8	42.1	44.0	45.9	45.9	45.9	47.8	47.8
90°	5.9	10.7	15.5	16.6	26.1	38.7	45.0	40.1	30.0	22.6	22.6
92.5°	23.7	64.1	104.4	114.4	160.9	222.7	253.7	222.4	159.7	112.6	108.1
95°	56.9	130.7	204.4	222.8	395.7	626.2	741.5	661.6	502.0	382.3	368.7
97.5°	98.4	163.5	228.6	244.8	533.1	917.4	1109.5	1059.1	958.2	882.6	856.8
100°	130.4	189.4	248.5	263.2	583.1	1009.5	1222.7	1226.5	1233.8	1239.4	1208.6
102.5°	157.6	212.7	267.8	281.5	605.9	1038.5	1254.8	1319.0	1447.6	1544.0	1517.6
105°	203.9	250.6	297.1	308.8	622.9	1041.8	1251.2	1395.3	1683.4	1899.6	1885.4
107.5°	251.3	294.8	338.2	349.1	626.1	995.4	1180.1	1381.0	1783.0	2084.6	2088.0
110°	283.4	322.6	361.8	371.6	621.3	954.3	1120.8	1345.5	1794.9	2132.0	2146.7



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	314.7	352.1	389.5	398.8	621.5	918.4	1066.9	1296.9	1756.8	2101.8	2124.4
115°	362.1	396.6	431.2	439.8	627.2	877.2	1002.3	1223.8	1666.9	1999.2	2030.6
117.5°	409.0	440.3	471.7	479.5	639.0	851.5	957.8	1157.7	1557.6	1857.5	1892.3
120°	436.2	465.7	495.2	502.6	648.4	842.8	940.0	1122.7	1488.1	1762.1	1795.9
122.5°	462.9	492.7	522.5	529.9	662.0	838.2	926.4	1090.9	1419.9	1666.7	1700.1
125°	503.8	531.0	558.0	564.8	680.4	834.5	911.5	1051.3	1330.8	1540.4	1571.2
127.5°	537.0	564.4	591.8	598.6	698.8	832.4	899.1	1019.1	1259.1	1439.1	1465.0
130°	554.8	584.2	613.8	621.1	712.2	833.7	894.4	1001.2	1214.9	1375.1	1399.1
132.5°	573.1	602.7	632.2	639.6	723.1	834.5	890.2	985.8	1177.1	1320.5	1342.0
135°	600.4	627.2	654.2	660.9	735.0	833.7	883.2	963.3	1123.4	1243.5	1262.0
137.5°	628.3	654.9	681.4	688.1	752.8	838.9	881.9	949.6	1085.1	1186.6	1201.7
140°	651.4	675.9	700.4	706.5	763.6	839.8	877.8	936.3	1053.2	1141.0	1155.1
142.5°	669.2	691.9	714.5	720.2	772.7	842.8	877.8	929.1	1031.9	1109.0	1121.1
145°	696.4	716.2	735.9	740.9	784.6	842.8	871.9	913.9	998.0	1061.0	1070.1
147.5°	723.7	742.9	762.2	767.0	802.0	848.5	871.9	904.9	971.0	1020.6	1028.3
150°	741.5	758.9	776.3	780.6	811.0	851.6	871.9	899.8	955.6	997.5	1003.7
152.5°	759.8	773.0	786.2	789.5	816.9	853.5	871.9	895.7	943.4	979.1	983.8
155°	787.1	796.8	806.6	809.1	830.0	857.9	871.9	890.8	928.8	957.2	960.3
157.5°	807.2	816.7	826.2	828.6	843.0	862.2	871.9	886.6	916.1	938.2	940.4
160°	820.9	828.3	835.6	837.5	848.9	864.2	871.9	884.5	909.8	928.8	930.0
162.5°	834.5	840.0	845.6	847.0	855.3	866.3	871.9	882.6	903.9	919.9	921.0
165°	849.3	854.3	859.3	860.6	864.3	869.4	871.9	879.5	894.8	906.3	907.5
167.5°	863.0	865.4	867.8	868.3	871.5	875.7	877.8	882.8	892.8	900.4	900.8
170°	871.9	874.3	876.7	877.2	877.4	877.7	877.8	882.8	892.8	900.4	900.4
172.5°	876.7	877.1	877.7	877.8	877.8	877.8	877.8	881.7	889.7	895.6	895.1
175°	883.2	883.2	883.2	883.2	881.3	878.9	877.8	880.3	885.4	889.1	889.1
177.5°	883.2	883.2	883.2	883.2	881.7	879.9	878.9	881.0	884.9	887.8	887.4
180°	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9
2.5°	2072.5	2066.8	2072.5	2068.7	2070.6	2064.9	2047.7	2041.9	2047.7	2053.4	2053.4
5°	2097.4	2093.5	2097.4	2097.4	2095.5	2091.6	2072.5	2068.7	2072.5	2074.4	2070.6
7.5°	2105.0	2099.3	2105.0	2101.2	2101.2	2097.4	2078.2	2074.4	2076.3	2082.1	2076.3
10°	2105.0	2099.3	2105.0	2103.1	2101.2	2097.4	2078.2	2070.6	2070.6	2076.3	2070.6
12.5°	2095.5	2091.6	2095.5	2091.6	2091.6	2087.8	2068.7	2061.0	2063.0	2064.9	2057.2
15°	2080.2	2074.4	2080.2	2076.3	2078.2	2072.5	2051.5	2043.8	2043.8	2047.7	2034.3
17.5°	2057.2	2049.6	2057.2	2055.3	2053.4	2049.6	2030.4	2022.8	2020.9	2022.8	2013.2
20°	2030.4	2024.7	2030.4	2028.5	2028.5	2020.9	2001.8	1992.2	1992.2	1992.2	1982.6
22.5°	1988.4	1982.6	1988.4	1992.2	1992.2	1990.3	1973.1	1959.7	1955.9	1955.9	1944.4
25°	1940.6	1934.8	1940.6	1940.6	1938.7	1940.6	1934.8	1927.2	1921.5	1915.7	1904.3
27.5°	1894.7	1890.9	1894.7	1890.9	1894.7	1889.0	1887.0	1885.1	1877.5	1871.8	1856.5
30°	1848.8	1845.0	1848.8	1845.0	1841.2	1837.3	1827.8	1824.0	1831.6	1827.8	1802.9
32.5°	1791.4	1787.6	1791.4	1791.4	1787.6	1787.6	1772.3	1766.6	1768.5	1780.0	1757.0
35°	1732.2	1726.4	1732.2	1730.3	1732.2	1726.4	1716.9	1715.0	1707.3	1720.7	1703.5
37.5°	1663.3	1657.6	1663.3	1663.3	1663.3	1667.2	1659.5	1653.8	1642.3	1659.5	1646.1
40°	1592.6	1585.0	1592.6	1590.7	1592.6	1596.4	1592.6	1588.8	1577.3	1590.7	1579.2
42.5°	1512.3	1510.4	1512.3	1514.2	1514.2	1521.9	1527.6	1519.9	1516.1	1506.6	1514.2
45°	1426.3	1422.4	1426.3	1430.1	1432.0	1435.8	1453.0	1453.0	1447.3	1432.0	1443.5
47.5°	1334.5	1324.9	1334.5	1346.0	1346.0	1351.7	1368.9	1382.3	1372.7	1353.6	1359.3
50°	1237.0	1238.9	1237.0	1244.6	1244.6	1265.6	1279.0	1292.4	1302.0	1279.0	1252.3
52.5°	1141.4	1139.6	1141.4	1147.1	1154.8	1164.3	1187.3	1200.6	1215.9	1202.6	1160.5
55°	1045.9	1049.7	1045.9	1047.8	1051.6	1057.3	1091.8	1105.1	1133.8	1116.6	1072.6
57.5°	950.3	944.5	950.3	954.1	956.0	961.7	990.4	1015.3	1032.5	1034.4	980.9
60°	839.4	831.7	839.4	856.6	860.4	864.2	891.0	913.9	929.2	935.0	879.5
62.5°	741.9	728.5	741.9	753.3	761.0	770.5	789.7	824.1	837.5	839.4	761.0
65°	638.6	632.9	638.6	661.6	663.5	674.9	696.0	720.8	749.5	745.7	632.9
67.5°	544.9	544.9	544.9	560.2	571.7	577.4	604.2	615.7	652.0	655.8	527.7
70°	458.9	457.0	458.9	470.4	478.0	491.4	516.2	529.6	558.3	567.9	428.3
72.5°	376.7	374.8	376.7	386.2	393.9	405.3	426.4	441.7	466.5	478.0	332.7
75°	304.0	300.2	304.0	311.7	309.7	325.0	342.2	357.5	380.5	388.1	246.6
77.5°	233.3	233.3	233.3	240.9	240.9	256.2	263.9	283.0	296.4	307.8	181.6
80°	174.0	172.1	174.0	175.9	175.9	183.6	196.9	210.3	221.8	221.8	124.3
82.5°	122.4	118.5	122.4	122.4	122.4	126.2	133.8	137.7	145.3	151.0	78.4
85°	76.5	76.5	76.5	78.4	76.5	80.3	82.2	86.0	86.0	82.2	47.8
87.5°	49.7	47.8	49.7	47.8	47.8	45.9	45.9	45.9	44.0	42.1	26.8
90°	22.6	22.6	22.6	22.6	22.6	30.0	40.1	45.0	38.7	26.1	16.6
92.5°	90.2	72.3	90.2	108.1	112.6	159.7	222.4	253.7	222.7	160.9	114.4
95°	314.5	260.2	314.5	368.7	382.3	502.0	661.6	741.5	626.2	395.7	222.8
97.5°	753.4	650.2	753.4	856.8	882.6	958.2	1059.1	1109.5	917.4	533.1	244.8
100°	1085.6	962.6	1085.6	1208.6	1239.4	1233.8	1226.5	1222.7	1009.5	583.1	263.2
102.5°	1412.3	1306.9	1412.3	1517.6	1544.0	1447.6	1319.0	1254.8	1038.5	605.9	281.5
105°	1828.7	1772.1	1828.7	1885.4	1899.6	1683.4	1395.3	1251.2	1041.8	622.9	308.8
107.5°	2101.7	2115.3	2101.7	2088.0	2084.6	1783.0	1381.0	1180.1	995.4	626.1	349.1
110°	2205.8	2264.8	2205.8	2146.7	2132.0	1794.9	1345.5	1120.8	954.3	621.3	371.6





TEST NUMBER: P934712

CATALOG NUMBER: SQ4-FA-075U-075D-830-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2215.0	2305.6	2215.0	2124.4	2101.8	1756.8	1296.9	1066.9	918.4	621.5	398.8
115°	2156.3	2281.9	2156.3	2030.6	1999.2	1666.9	1223.8	1002.3	877.2	627.2	439.8
117.5°	2031.7	2171.1	2031.7	1892.3	1857.5	1557.6	1157.7	957.8	851.5	639.0	479.5
120°	1931.4	2066.8	1931.4	1795.9	1762.1	1488.1	1122.7	940.0	842.8	648.4	502.6
122.5°	1833.6	1967.2	1833.6	1700.1	1666.7	1419.9	1090.9	926.4	838.2	662.0	529.9
125°	1694.2	1817.3	1694.2	1571.2	1540.4	1330.8	1051.3	911.5	834.5	680.4	564.8
127.5°	1568.8	1672.6	1568.8	1465.0	1439.1	1259.1	1019.1	899.1	832.4	698.8	598.6
130°	1494.9	1590.8	1494.9	1399.1	1375.1	1214.9	1001.2	894.4	833.7	712.2	621.1
132.5°	1427.9	1513.7	1427.9	1342.0	1320.5	1177.1	985.8	890.2	834.5	723.1	639.6
135°	1336.0	1410.0	1336.0	1262.0	1243.5	1123.4	963.3	883.2	833.7	735.0	660.9
137.5°	1262.3	1322.9	1262.3	1201.7	1186.6	1085.1	949.6	881.9	838.9	752.8	688.1
140°	1211.8	1268.4	1211.8	1155.1	1141.0	1053.2	936.3	877.8	839.8	763.6	706.5
142.5°	1169.9	1218.6	1169.9	1121.1	1109.0	1031.9	929.1	877.8	842.8	772.7	720.2
145°	1107.0	1143.9	1107.0	1070.1	1061.0	998.0	913.9	871.9	842.8	784.6	740.9
147.5°	1058.8	1089.4	1058.8	1028.3	1020.6	971.0	904.9	871.9	848.5	802.0	767.0
150°	1028.5	1053.2	1028.5	1003.7	997.5	955.6	899.8	871.9	851.6	811.0	780.6
152.5°	1002.5	1021.2	1002.5	983.8	979.1	943.4	895.7	871.9	853.5	816.9	789.5
155°	972.7	985.1	972.7	960.3	957.2	928.8	890.8	871.9	857.9	830.0	809.1
157.5°	949.1	957.8	949.1	940.4	938.2	916.1	886.6	871.9	862.2	843.0	828.6
160°	935.1	940.0	935.1	930.0	928.8	909.8	884.5	871.9	864.2	848.9	837.5
162.5°	925.8	930.6	925.8	921.0	919.9	903.9	882.6	871.9	866.3	855.3	847.0
165°	912.5	917.5	912.5	907.5	906.3	894.8	879.5	871.9	869.4	864.3	860.6
167.5°	902.9	905.0	902.9	900.8	900.4	892.8	882.8	877.8	875.7	871.5	868.3
170°	900.4	900.4	900.4	900.4	900.4	892.8	882.8	877.8	877.7	877.4	877.2
172.5°	893.3	891.5	893.3	895.1	895.6	889.7	881.7	877.8	877.8	877.8	877.8
175°	889.1	889.1	889.1	889.1	889.1	885.4	880.3	877.8	878.9	881.3	883.2
177.5°	885.3	883.2	885.3	887.4	887.8	884.9	881.0	878.9	879.9	881.7	883.2
180°	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2



TEST NUMBER: P934712

CATALOG NUMBER: SQ4-FA-075U-075D-830-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9
2.5°	2049.6	2038.1	2038.1	2019.0	2011.3	2005.6	1996.0	1967.4	1959.7	1952.1	1963.5
5°	2066.8	2045.7	2030.4	1996.0	1967.4	1955.9	1919.6	1850.7	1804.8	1770.4	1751.3
7.5°	2070.6	2043.8	2015.2	1961.6	1892.8	1862.2	1751.3	1625.1	1590.7	1560.1	1541.0
10°	2066.8	2036.2	1996.0	1915.7	1753.2	1699.7	1588.8	1506.6	1485.5	1479.8	1485.5
12.5°	2053.4	2024.7	1969.3	1835.4	1607.9	1571.6	1506.6	1458.8	1454.9	1464.5	1516.1
15°	2030.4	2003.7	1938.7	1728.4	1527.6	1500.8	1454.9	1437.7	1458.8	1525.7	1680.6
17.5°	2007.5	1976.9	1896.6	1623.2	1466.4	1447.3	1414.8	1449.2	1567.7	1657.6	1709.2
20°	1976.9	1940.6	1848.8	1546.7	1422.4	1405.2	1389.9	1544.8	1634.7	1667.2	1695.8
22.5°	1940.6	1902.3	1783.8	1493.2	1376.5	1363.2	1372.7	1598.3	1634.7	1657.6	1682.5
25°	1892.8	1860.3	1707.3	1451.1	1340.2	1324.9	1361.2	1592.6	1613.6	1619.4	1669.1
27.5°	1848.8	1806.7	1627.0	1412.9	1296.2	1290.5	1370.8	1567.7	1583.0	1588.8	1642.3
30°	1795.3	1732.2	1537.2	1372.7	1250.4	1248.4	1372.7	1537.2	1533.3	1548.6	1602.2
32.5°	1739.8	1621.3	1435.8	1323.0	1206.4	1204.5	1359.3	1491.3	1487.4	1508.5	1548.6
35°	1688.2	1535.2	1298.2	1265.6	1150.9	1152.8	1326.8	1437.7	1439.6	1458.8	1483.6
37.5°	1634.7	1460.7	1147.1	1202.6	1097.5	1097.5	1282.9	1388.0	1384.2	1389.9	1424.3
40°	1571.6	1344.0	1013.4	1120.4	1047.8	1042.0	1229.3	1334.5	1321.1	1319.2	1367.0
42.5°	1504.6	1215.9	913.9	1011.4	990.4	982.8	1164.3	1269.5	1244.6	1250.4	1311.5
45°	1432.0	1181.5	837.5	854.7	931.1	925.4	1093.7	1194.9	1177.7	1193.0	1256.1
47.5°	1359.3	1112.8	812.6	709.4	868.0	866.1	1015.3	1122.3	1112.8	1128.1	1194.9
50°	1259.9	1036.3	810.7	608.0	797.3	805.0	921.6	1051.6	1051.6	1065.0	1135.7
52.5°	1131.9	942.6	736.1	550.7	715.1	738.0	839.4	990.4	994.2	1007.6	1070.7
55°	1015.3	845.1	682.6	506.7	617.6	667.3	759.1	927.3	935.0	948.4	1005.7
57.5°	908.2	703.6	671.1	455.1	527.7	575.5	688.3	866.1	870.0	881.4	936.9
60°	793.5	508.6	615.7	399.6	449.3	485.6	623.3	793.5	806.9	814.5	862.3
62.5°	663.5	369.0	558.3	361.4	411.1	418.7	569.8	724.6	741.9	747.6	776.3
65°	472.3	309.7	474.2	328.9	370.9	372.8	512.4	653.9	669.2	678.8	699.8
67.5°	319.3	252.4	361.4	298.3	340.3	342.2	457.0	571.7	592.7	600.4	613.8
70°	221.8	168.3	267.7	265.8	305.9	309.7	397.7	497.1	516.2	522.0	529.6
72.5°	162.5	135.8	221.8	239.0	269.6	273.4	336.5	413.0	432.1	437.8	441.7
75°	124.3	143.4	179.7	208.4	229.4	231.4	275.3	336.5	349.9	353.7	355.6
77.5°	99.4	133.8	131.9	168.3	187.4	183.6	216.1	260.0	271.5	271.5	271.5
80°	74.6	105.2	99.4	120.5	137.7	133.8	154.9	185.5	189.3	193.1	191.2
82.5°	55.4	66.9	66.9	76.5	91.8	88.0	103.2	120.5	120.5	120.5	124.3
85°	34.4	38.2	30.6	40.2	51.6	49.7	57.4	65.0	66.9	66.9	63.1
87.5°	21.0	17.2	9.6	15.3	22.9	22.9	26.8	28.7	26.8	26.8	26.8
90°	15.5	10.7	5.9	10.7	15.5	16.6	26.1	38.7	45.0	40.1	30.0
92.5°	104.4	64.1	23.7	64.1	104.4	114.4	160.9	222.7	253.7	222.4	159.7
95°	204.4	130.7	56.9	130.7	204.4	222.8	395.7	626.2	741.5	661.6	502.0
97.5°	228.6	163.5	98.4	163.5	228.6	244.8	533.1	917.4	1109.5	1059.1	958.2
100°	248.5	189.4	130.4	189.4	248.5	263.2	583.1	1009.5	1222.7	1226.5	1233.8
102.5°	267.8	212.7	157.6	212.7	267.8	281.5	605.9	1038.5	1254.8	1319.0	1447.6
105°	297.1	250.6	203.9	250.6	297.1	308.8	622.9	1041.8	1251.2	1395.3	1683.4
107.5°	338.2	294.8	251.3	294.8	338.2	349.1	626.1	995.4	1180.1	1381.0	1783.0
110°	361.8	322.6	283.4	322.6	361.8	371.6	621.3	954.3	1120.8	1345.5	1794.9



TEST NUMBER: P934712

CATALOG NUMBER: SQ4-FA-075U-075D-830-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	389.5	352.1	314.7	352.1	389.5	398.8	621.5	918.4	1066.9	1296.9	1756.8
115°	431.2	396.6	362.1	396.6	431.2	439.8	627.2	877.2	1002.3	1223.8	1666.9
117.5°	471.7	440.3	409.0	440.3	471.7	479.5	639.0	851.5	957.8	1157.7	1557.6
120°	495.2	465.7	436.2	465.7	495.2	502.6	648.4	842.8	940.0	1122.7	1488.1
122.5°	522.5	492.7	462.9	492.7	522.5	529.9	662.0	838.2	926.4	1090.9	1419.9
125°	558.0	531.0	503.8	531.0	558.0	564.8	680.4	834.5	911.5	1051.3	1330.8
127.5°	591.8	564.4	537.0	564.4	591.8	598.6	698.8	832.4	899.1	1019.1	1259.1
130°	613.8	584.2	554.8	584.2	613.8	621.1	712.2	833.7	894.4	1001.2	1214.9
132.5°	632.2	602.7	573.1	602.7	632.2	639.6	723.1	834.5	890.2	985.8	1177.1
135°	654.2	627.2	600.4	627.2	654.2	660.9	735.0	833.7	883.2	963.3	1123.4
137.5°	681.4	654.9	628.3	654.9	681.4	688.1	752.8	838.9	881.9	949.6	1085.1
140°	700.4	675.9	651.4	675.9	700.4	706.5	763.6	839.8	877.8	936.3	1053.2
142.5°	714.5	691.9	669.2	691.9	714.5	720.2	772.7	842.8	877.8	929.1	1031.9
145°	735.9	716.2	696.4	716.2	735.9	740.9	784.6	842.8	871.9	913.9	998.0
147.5°	762.2	742.9	723.7	742.9	762.2	767.0	802.0	848.5	871.9	904.9	971.0
150°	776.3	758.9	741.5	758.9	776.3	780.6	811.0	851.6	871.9	899.8	955.6
152.5°	786.2	773.0	759.8	773.0	786.2	789.5	816.9	853.5	871.9	895.7	943.4
155°	806.6	796.8	787.1	796.8	806.6	809.1	830.0	857.9	871.9	890.8	928.8
157.5°	826.2	816.7	807.2	816.7	826.2	828.6	843.0	862.2	871.9	886.6	916.1
160°	835.6	828.3	820.9	828.3	835.6	837.5	848.9	864.2	871.9	884.5	909.8
162.5°	845.6	840.0	834.5	840.0	845.6	847.0	855.3	866.3	871.9	882.6	903.9
165°	859.3	854.3	849.3	854.3	859.3	860.6	864.3	869.4	871.9	879.5	894.8
167.5°	867.8	865.4	863.0	865.4	867.8	868.3	871.5	875.7	877.8	882.8	892.8
170°	876.7	874.3	871.9	874.3	876.7	877.2	877.4	877.7	877.8	882.8	892.8
172.5°	877.7	877.1	876.7	877.1	877.7	877.8	877.8	877.8	877.8	881.7	889.7
175°	883.2	883.2	883.2	883.2	883.2	883.2	881.3	878.9	877.8	880.3	885.4
177.5°	883.2	883.2	883.2	883.2	883.2	883.2	881.7	879.9	878.9	881.0	884.9
180°	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2



TEST NUMBER: P934712  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9	2020.9
2.5°	1950.1	1944.4	1952.1	1931.0	1952.1	1944.4	1950.1	1963.5	1952.1	1959.7	1967.4
5°	1711.1	1701.6	1671.0	1646.1	1671.0	1701.6	1711.1	1751.3	1770.4	1804.8	1850.7
7.5°	1529.5	1521.9	1514.2	1498.9	1514.2	1521.9	1529.5	1541.0	1560.1	1590.7	1625.1
10°	1489.4	1491.3	1502.7	1500.8	1502.7	1491.3	1489.4	1485.5	1479.8	1485.5	1506.6
12.5°	1592.6	1609.8	1672.9	1669.1	1672.9	1609.8	1592.6	1516.1	1464.5	1454.9	1458.8
15°	1711.1	1716.9	1730.3	1732.2	1730.3	1716.9	1711.1	1680.6	1525.7	1458.8	1437.7
17.5°	1722.6	1724.5	1734.1	1734.1	1734.1	1724.5	1722.6	1709.2	1657.6	1567.7	1449.2
20°	1713.1	1716.9	1736.0	1739.8	1736.0	1716.9	1713.1	1695.8	1667.2	1634.7	1544.8
22.5°	1709.2	1716.9	1732.2	1730.3	1732.2	1716.9	1709.2	1682.5	1657.6	1634.7	1598.3
25°	1690.1	1690.1	1692.0	1693.9	1692.0	1690.1	1690.1	1669.1	1619.4	1613.6	1592.6
27.5°	1650.0	1653.8	1665.3	1663.3	1665.3	1653.8	1650.0	1642.3	1588.8	1583.0	1567.7
30°	1613.6	1609.8	1600.2	1592.6	1600.2	1609.8	1613.6	1602.2	1548.6	1533.3	1537.2
32.5°	1552.4	1542.9	1533.3	1527.6	1533.3	1542.9	1552.4	1548.6	1508.5	1487.4	1491.3
35°	1479.8	1481.7	1479.8	1474.1	1479.8	1481.7	1479.8	1483.6	1458.8	1439.6	1437.7
37.5°	1428.2	1432.0	1430.1	1422.4	1430.1	1432.0	1428.2	1424.3	1389.9	1384.2	1388.0
40°	1374.6	1376.5	1374.6	1368.9	1374.6	1376.5	1374.6	1367.0	1319.2	1321.1	1334.5
42.5°	1323.0	1321.1	1315.4	1311.5	1315.4	1321.1	1323.0	1311.5	1250.4	1244.6	1269.5
45°	1263.7	1265.6	1254.2	1248.4	1254.2	1265.6	1263.7	1256.1	1193.0	1177.7	1194.9
47.5°	1204.5	1204.5	1194.9	1189.2	1194.9	1204.5	1204.5	1194.9	1128.1	1112.8	1122.3
50°	1141.4	1139.6	1126.2	1124.3	1126.2	1139.6	1141.4	1135.7	1065.0	1051.6	1051.6
52.5°	1068.8	1068.8	1070.7	1074.5	1070.7	1068.8	1068.8	1070.7	1007.6	994.2	990.4
55°	1005.7	1007.6	1021.0	1024.8	1021.0	1007.6	1005.7	1005.7	948.4	935.0	927.3
57.5°	940.7	940.7	950.3	950.3	950.3	940.7	940.7	936.9	881.4	870.0	866.1
60°	866.1	870.0	877.6	875.7	877.6	870.0	866.1	862.3	814.5	806.9	793.5
62.5°	787.7	791.6	793.5	789.7	793.5	791.6	787.7	776.3	747.6	741.9	724.6
65°	705.5	709.4	711.3	707.4	711.3	709.4	705.5	699.8	678.8	669.2	653.9
67.5°	621.4	619.5	617.6	625.2	617.6	619.5	621.4	613.8	600.4	592.7	571.7
70°	535.4	535.4	533.4	537.3	533.4	535.4	535.4	529.6	522.0	516.2	497.1
72.5°	443.6	441.7	449.3	443.6	449.3	441.7	443.6	441.7	437.8	432.1	413.0
75°	353.7	357.5	353.7	359.5	353.7	357.5	353.7	355.6	353.7	349.9	336.5
77.5°	269.6	273.4	269.6	269.6	269.6	273.4	269.6	271.5	271.5	271.5	260.0
80°	191.2	189.3	189.3	187.4	189.3	189.3	191.2	191.2	193.1	189.3	185.5
82.5°	122.4	120.5	120.5	124.3	120.5	120.5	122.4	124.3	120.5	120.5	120.5
85°	66.9	68.8	65.0	65.0	65.0	68.8	66.9	63.1	66.9	66.9	65.0
87.5°	24.9	22.9	22.9	22.9	22.9	22.9	24.9	26.8	26.8	26.8	28.7
90°	22.6	22.6	22.6	22.6	22.6	22.6	22.6	30.0	40.1	45.0	38.7
92.5°	112.6	108.1	90.2	72.3	90.2	108.1	112.6	159.7	222.4	253.7	222.7
95°	382.3	368.7	314.5	260.2	314.5	368.7	382.3	502.0	661.6	741.5	626.2
97.5°	882.6	856.8	753.4	650.2	753.4	856.8	882.6	958.2	1059.1	1109.5	917.4
100°	1239.4	1208.6	1085.6	962.6	1085.6	1208.6	1239.4	1233.8	1226.5	1222.7	1009.5
102.5°	1544.0	1517.6	1412.3	1306.9	1412.3	1517.6	1544.0	1447.6	1319.0	1254.8	1038.5
105°	1899.6	1885.4	1828.7	1772.1	1828.7	1885.4	1899.6	1683.4	1395.3	1251.2	1041.8
107.5°	2084.6	2088.0	2101.7	2115.3	2101.7	2088.0	2084.6	1783.0	1381.0	1180.1	995.4
110°	2132.0	2146.7	2205.8	2264.8	2205.8	2146.7	2132.0	1794.9	1345.5	1120.8	954.3



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2101.8	2124.4	2215.0	2305.6	2215.0	2124.4	2101.8	1756.8	1296.9	1066.9	918.4
115°	1999.2	2030.6	2156.3	2281.9	2156.3	2030.6	1999.2	1666.9	1223.8	1002.3	877.2
117.5°	1857.5	1892.3	2031.7	2171.1	2031.7	1892.3	1857.5	1557.6	1157.7	957.8	851.5
120°	1762.1	1795.9	1931.4	2066.8	1931.4	1795.9	1762.1	1488.1	1122.7	940.0	842.8
122.5°	1666.7	1700.1	1833.6	1967.2	1833.6	1700.1	1666.7	1419.9	1090.9	926.4	838.2
125°	1540.4	1571.2	1694.2	1817.3	1694.2	1571.2	1540.4	1330.8	1051.3	911.5	834.5
127.5°	1439.1	1465.0	1568.8	1672.6	1568.8	1465.0	1439.1	1259.1	1019.1	899.1	832.4
130°	1375.1	1399.1	1494.9	1590.8	1494.9	1399.1	1375.1	1214.9	1001.2	894.4	833.7
132.5°	1320.5	1342.0	1427.9	1513.7	1427.9	1342.0	1320.5	1177.1	985.8	890.2	834.5
135°	1243.5	1262.0	1336.0	1410.0	1336.0	1262.0	1243.5	1123.4	963.3	883.2	833.7
137.5°	1186.6	1201.7	1262.3	1322.9	1262.3	1201.7	1186.6	1085.1	949.6	881.9	838.9
140°	1141.0	1155.1	1211.8	1268.4	1211.8	1155.1	1141.0	1053.2	936.3	877.8	839.8
142.5°	1109.0	1121.1	1169.9	1218.6	1169.9	1121.1	1109.0	1031.9	929.1	877.8	842.8
145°	1061.0	1070.1	1107.0	1143.9	1107.0	1070.1	1061.0	998.0	913.9	871.9	842.8
147.5°	1020.6	1028.3	1058.8	1089.4	1058.8	1028.3	1020.6	971.0	904.9	871.9	848.5
150°	997.5	1003.7	1028.5	1053.2	1028.5	1003.7	997.5	955.6	899.8	871.9	851.6
152.5°	979.1	983.8	1002.5	1021.2	1002.5	983.8	979.1	943.4	895.7	871.9	853.5
155°	957.2	960.3	972.7	985.1	972.7	960.3	957.2	928.8	890.8	871.9	857.9
157.5°	938.2	940.4	949.1	957.8	949.1	940.4	938.2	916.1	886.6	871.9	862.2
160°	928.8	930.0	935.1	940.0	935.1	930.0	928.8	909.8	884.5	871.9	864.2
162.5°	919.9	921.0	925.8	930.6	925.8	921.0	919.9	903.9	882.6	871.9	866.3
165°	906.3	907.5	912.5	917.5	912.5	907.5	906.3	894.8	879.5	871.9	869.4
167.5°	900.4	900.8	902.9	905.0	902.9	900.8	900.4	892.8	882.8	877.8	875.7
170°	900.4	900.4	900.4	900.4	900.4	900.4	900.4	892.8	882.8	877.8	877.7
172.5°	895.6	895.1	893.3	891.5	893.3	895.1	895.6	889.7	881.7	877.8	877.8
175°	889.1	889.1	889.1	889.1	889.1	889.1	889.1	885.4	880.3	877.8	878.9
177.5°	887.8	887.4	885.3	883.2	885.3	887.4	887.8	884.9	881.0	878.9	879.9
180°	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2	883.2



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	2020.9	2020.9	2020.9	2020.9	2020.9
2.5°	1996.0	2005.6	2011.3	2019.0	2038.1
5°	1919.6	1955.9	1967.4	1996.0	2030.4
7.5°	1751.3	1862.2	1892.8	1961.6	2015.2
10°	1588.8	1699.7	1753.2	1915.7	1996.0
12.5°	1506.6	1571.6	1607.9	1835.4	1969.3
15°	1454.9	1500.8	1527.6	1728.4	1938.7
17.5°	1414.8	1447.3	1466.4	1623.2	1896.6
20°	1389.9	1405.2	1422.4	1546.7	1848.8
22.5°	1372.7	1363.2	1376.5	1493.2	1783.8
25°	1361.2	1324.9	1340.2	1451.1	1707.3
27.5°	1370.8	1290.5	1296.2	1412.9	1627.0
30°	1372.7	1248.4	1250.4	1372.7	1537.2
32.5°	1359.3	1204.5	1206.4	1323.0	1435.8
35°	1326.8	1152.8	1150.9	1265.6	1298.2
37.5°	1282.9	1097.5	1097.5	1202.6	1147.1
40°	1229.3	1042.0	1047.8	1120.4	1013.4
42.5°	1164.3	982.8	990.4	1011.4	913.9
45°	1093.7	925.4	931.1	854.7	837.5
47.5°	1015.3	866.1	868.0	709.4	812.6
50°	921.6	805.0	797.3	608.0	810.7
52.5°	839.4	738.0	715.1	550.7	736.1
55°	759.1	667.3	617.6	506.7	682.6
57.5°	688.3	575.5	527.7	455.1	671.1
60°	623.3	485.6	449.3	399.6	615.7
62.5°	569.8	418.7	411.1	361.4	558.3
65°	512.4	372.8	370.9	328.9	474.2
67.5°	457.0	342.2	340.3	298.3	361.4
70°	397.7	309.7	305.9	265.8	267.7
72.5°	336.5	273.4	269.6	239.0	221.8
75°	275.3	231.4	229.4	208.4	179.7
77.5°	216.1	183.6	187.4	168.3	131.9
80°	154.9	133.8	137.7	120.5	99.4
82.5°	103.2	88.0	91.8	76.5	66.9
85°	57.4	49.7	51.6	40.2	30.6
87.5°	26.8	22.9	22.9	15.3	9.6
90°	26.1	16.6	15.5	10.7	5.9
92.5°	160.9	114.4	104.4	64.1	23.7
95°	395.7	222.8	204.4	130.7	56.9
97.5°	533.1	244.8	228.6	163.5	98.4
100°	583.1	263.2	248.5	189.4	130.4
102.5°	605.9	281.5	267.8	212.7	157.6
105°	622.9	308.8	297.1	250.6	203.9
107.5°	626.1	349.1	338.2	294.8	251.3
110°	621.3	371.6	361.8	322.6	283.4



TEST NUMBER: P934712

CATALOG NUMBER: SQ4-FA-075U-075D-830-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	621.5	398.8	389.5	352.1	314.7
115°	627.2	439.8	431.2	396.6	362.1
117.5°	639.0	479.5	471.7	440.3	409.0
120°	648.4	502.6	495.2	465.7	436.2
122.5°	662.0	529.9	522.5	492.7	462.9
125°	680.4	564.8	558.0	531.0	503.8
127.5°	698.8	598.6	591.8	564.4	537.0
130°	712.2	621.1	613.8	584.2	554.8
132.5°	723.1	639.6	632.2	602.7	573.1
135°	735.0	660.9	654.2	627.2	600.4
137.5°	752.8	688.1	681.4	654.9	628.3
140°	763.6	706.5	700.4	675.9	651.4
142.5°	772.7	720.2	714.5	691.9	669.2
145°	784.6	740.9	735.9	716.2	696.4
147.5°	802.0	767.0	762.2	742.9	723.7
150°	811.0	780.6	776.3	758.9	741.5
152.5°	816.9	789.5	786.2	773.0	759.8
155°	830.0	809.1	806.6	796.8	787.1
157.5°	843.0	828.6	826.2	816.7	807.2
160°	848.9	837.5	835.6	828.3	820.9
162.5°	855.3	847.0	845.6	840.0	834.5
165°	864.3	860.6	859.3	854.3	849.3
167.5°	871.5	868.3	867.8	865.4	863.0
170°	877.4	877.2	876.7	874.3	871.9
172.5°	877.8	877.8	877.7	877.1	876.7
175°	881.3	883.2	883.2	883.2	883.2
177.5°	881.7	883.2	883.2	883.2	883.2
180°	883.2	883.2	883.2	883.2	883.2



TEST NUMBER: P934712  
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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	12.38	13.22	13.35	14.21	15.51	15.21	16.06	16.19	17.05	18.35
	3H	12.85	13.61	13.84	14.61	15.93	16.56	17.32	17.55	18.31	19.64
	4H	13.04	13.76	14.04	14.76	16.09	17.01	17.72	18.01	18.72	20.05
	6H	13.16	13.82	14.17	14.82	16.17	17.29	17.95	18.30	18.96	20.30
	8H	13.16	13.79	14.18	14.81	16.15	17.37	17.99	18.38	19.02	20.36
	12H	13.13	13.73	14.15	14.74	16.11	17.41	18.00	18.43	19.02	20.38
4H	2H	13.41	14.12	14.42	15.12	16.46	15.62	16.34	16.63	17.34	18.67
	3H	14.43	15.03	15.45	16.06	17.41	17.13	17.72	18.14	18.75	20.10
	4H	14.71	15.25	15.73	16.28	17.65	17.66	18.20	18.68	19.22	20.59
	6H	14.83	15.30	15.87	16.35	17.71	18.02	18.49	19.06	19.54	20.90
	8H	14.84	15.28	15.87	16.32	17.70	18.13	18.57	19.16	19.61	20.99
	12H	14.81	15.20	15.86	16.25	17.64	18.19	18.58	19.24	19.64	21.02
8H	4H	15.16	15.60	16.20	16.64	18.02	17.78	18.22	18.81	19.26	20.64
	6H	15.42	15.79	16.48	16.87	18.24	18.22	18.58	19.28	19.66	21.04
	8H	15.47	15.78	16.53	16.85	18.25	18.37	18.69	19.44	19.75	21.15
	12H	15.45	15.73	16.52	16.79	18.23	18.47	18.75	19.54	19.81	21.25
12H	4H	15.17	15.56	16.22	16.62	18.00	17.74	18.14	18.80	19.19	20.58
	6H	15.48	15.80	16.55	16.87	18.27	18.21	18.53	19.28	19.60	20.99
	8H	15.55	15.83	16.62	16.89	18.33	18.38	18.66	19.45	19.72	21.15