

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: P935640

Luminaire Tested: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-6-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935640
REPORT IS A COMBINATION OF REPORTS P933763 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-6-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

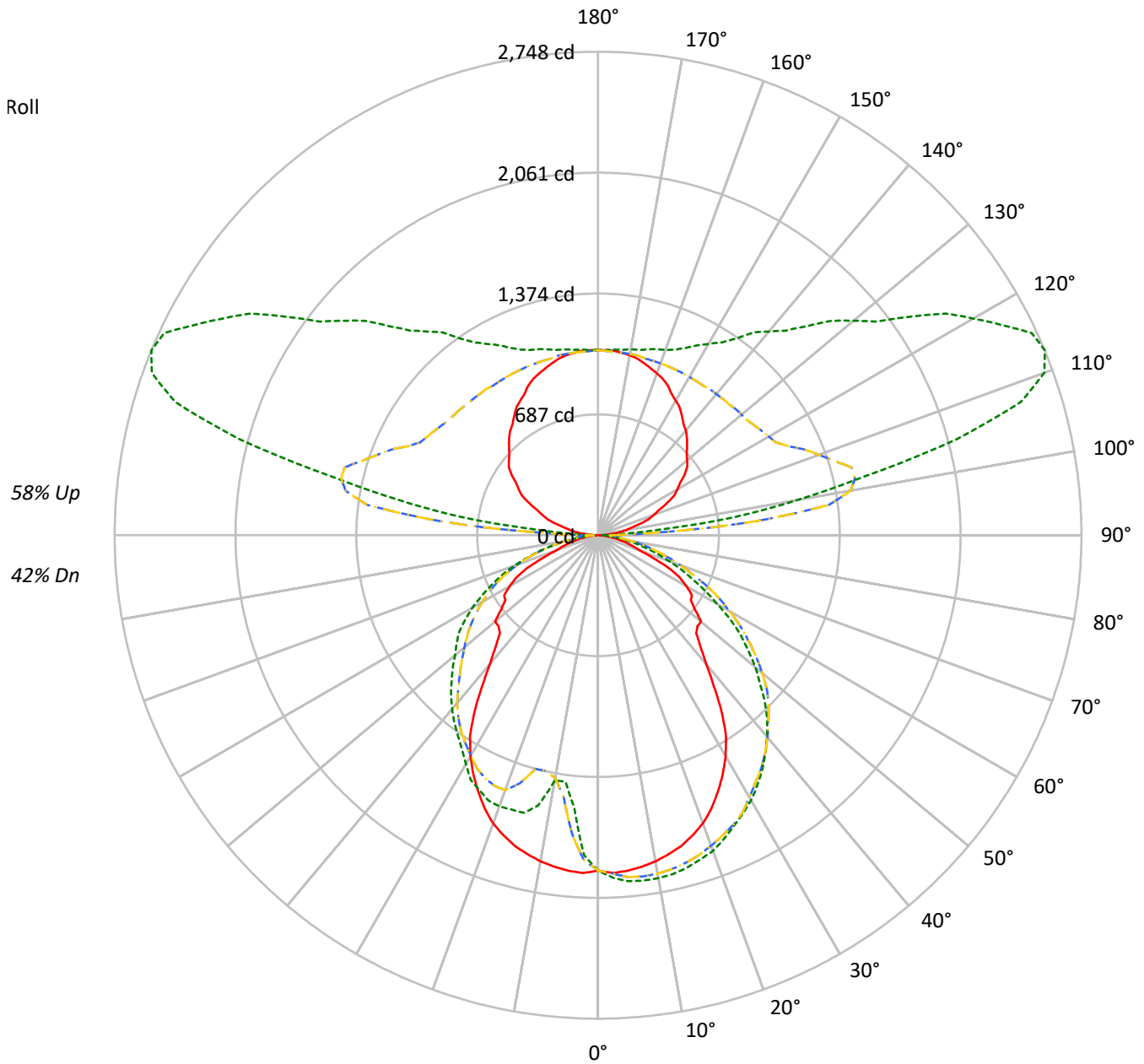
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11767.9 lumens
Efficiency: N/A
Efficacy: 121.8 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): 96.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49	49	49	49	42
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	41	41	41	35
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	35	35	35	30
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	30	30	30	25
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	25	25	25	22
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	22	22	22	19
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	19	19	19	16
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	17	17	17	15
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	15	15	15	13
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	14	14	14	12
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	13	13	13	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11786	11786	11786	11786
5°	11870	11898	11870	9355
10°	11787	11721	11787	8379
15°	11654	11466	11654	9575
20°	11406	11166	11406	9594
25°	10903	10727	10903	9391
30°	10254	10362	10254	8945
35°	9137	9902	9137	8454
40°	7609	9360	7609	8084
45°	6795	8725	6795	7657
50°	7212	7967	7212	7229
55°	6780	7151	6780	6982
60°	6979	6074	6979	6395
65°	6319	5020	6319	5612
70°	4364	4001	4364	4704
75°	3814	2958	3814	3542
80°	3050	1956	3050	2130
85°	1717	1036	1717	881

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10420 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	172.0	1.5
10°-20°	488.3	4.1
20°-30°	754.9	6.4
30°-40°	901.2	7.7
40°-50°	906.4	7.7
50°-60°	788.7	6.7
60°-70°	559.2	4.8
70°-80°	295.9	2.5
80°-90°	77.7	0.7
90°-100°	513.1	4.4
100°-110°	1349.0	11.5
110°-120°	1398.7	11.9
120°-130°	1122.0	9.5
130°-140°	880.3	7.5
140°-150°	675.7	5.7
150°-160°	486.6	4.1
160°-170°	297.7	2.5
170°-180°	100.6	0.9
0°-30°	1415.2	12.0
0°-40°	2316.3	19.7
0°-60°	4011.5	34.1
0°-90°	4944.2	42.0
90°-120°	3260.8	27.7
90°-150°	5938.8	50.5
90°-180°	6824.0	58.0
0°-180°	11767.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1905	1905	1905	1905	1905	
5°	1914	1974	1914	1552	1914	182
15°	1828	1956	1828	1633	1828	514
25°	1610	1824	1610	1597	1610	739
35°	1224	1628	1224	1390	1224	757
45°	790	1341	790	1177	790	632
55°	644	990	644	966	644	591
65°	447	597	447	667	447	427
75°	170	283	170	339	170	178
85°	29	72	29	61	29	39
90°	7	27	7	27	7	7
95°	68	310	68	310	68	75
105°	243	2112	243	2112	243	258
115°	432	2720	432	2720	432	426
125°	600	2166	600	2166	600	533
135°	716	1681	716	1681	716	554
145°	830	1364	830	1364	830	520
155°	938	1174	938	1174	938	431
165°	1012	1094	1012	1094	1012	286
175°	1053	1060	1053	1060	1053	100
180°	1053	1053	1053	1053	1053	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3
2.5°	1921.6	1921.6	1932.4	1936.0	1936.0	1930.6	1925.2	1930.6	1946.8	1952.3	1950.4
5°	1914.3	1928.8	1948.6	1952.3	1955.8	1954.0	1950.4	1954.0	1972.0	1975.6	1977.5
7.5°	1900.0	1927.0	1952.3	1957.6	1963.0	1957.6	1955.8	1959.4	1977.5	1981.1	1981.1
10°	1881.9	1919.8	1948.6	1952.3	1957.6	1952.3	1952.3	1959.4	1977.5	1981.1	1982.8
12.5°	1856.7	1909.0	1936.0	1939.6	1946.8	1945.0	1943.2	1950.4	1968.5	1972.0	1972.0
15°	1827.8	1889.1	1914.3	1918.0	1930.6	1927.0	1927.0	1934.2	1954.0	1959.4	1957.6
17.5°	1788.2	1863.8	1892.8	1898.1	1907.1	1905.3	1907.1	1914.3	1932.4	1936.0	1937.8
20°	1743.1	1829.6	1863.8	1869.3	1878.3	1878.3	1878.3	1887.3	1905.3	1912.6	1912.6
22.5°	1681.8	1793.6	1829.6	1833.3	1844.1	1844.1	1847.7	1860.3	1876.5	1878.3	1878.3
25°	1609.7	1754.0	1784.6	1795.4	1806.2	1811.6	1817.0	1824.3	1829.6	1827.8	1829.6
27.5°	1534.0	1703.5	1743.1	1750.3	1764.8	1770.2	1777.3	1779.2	1781.0	1786.3	1782.8
30°	1449.3	1633.2	1692.7	1699.8	1723.3	1726.9	1719.7	1723.3	1732.3	1736.0	1739.5
32.5°	1353.7	1528.6	1640.3	1656.6	1678.2	1667.4	1665.6	1671.0	1685.5	1685.5	1689.0
35°	1224.0	1447.5	1591.7	1606.1	1622.3	1609.7	1617.0	1618.7	1627.7	1633.2	1631.3
37.5°	1081.6	1377.2	1541.2	1552.0	1564.7	1548.5	1559.2	1564.7	1571.9	1568.3	1568.3
40°	955.4	1267.2	1481.7	1489.0	1499.8	1487.2	1498.0	1501.5	1505.2	1501.5	1499.8
42.5°	861.6	1146.4	1418.7	1427.7	1420.5	1429.5	1433.0	1440.3	1434.9	1427.7	1427.7
45°	789.6	1114.0	1350.2	1361.0	1350.2	1364.5	1370.0	1370.0	1353.7	1350.2	1348.4
47.5°	766.1	1049.1	1281.7	1281.7	1276.2	1294.2	1303.2	1290.7	1274.4	1269.0	1269.0
50°	764.3	977.0	1187.9	1180.7	1205.9	1227.6	1218.5	1205.9	1193.4	1173.5	1173.5
52.5°	694.0	888.7	1067.1	1094.2	1133.9	1146.4	1132.0	1119.4	1097.7	1088.7	1081.6
55°	643.6	796.8	957.2	1011.2	1052.7	1068.9	1041.9	1029.3	996.9	991.4	987.9
57.5°	632.7	663.4	856.2	924.7	975.2	973.4	957.2	933.7	906.7	901.3	899.5
60°	580.4	479.5	748.1	829.2	881.4	876.1	861.6	840.0	814.8	811.2	807.6
62.5°	526.3	347.9	625.5	717.4	791.4	789.6	776.9	744.4	726.4	717.4	710.2
65°	447.1	292.0	445.3	596.6	703.1	706.6	679.6	656.1	636.3	625.5	623.7
67.5°	340.7	238.0	301.0	497.5	618.3	614.7	580.4	569.6	544.4	539.0	528.1
70°	252.3	158.6	209.1	403.8	535.4	526.3	499.3	486.7	463.3	450.6	443.4
72.5°	209.1	128.0	153.2	313.6	450.6	439.8	416.4	402.0	382.1	371.3	364.1
75°	169.5	135.2	117.2	232.5	365.9	358.8	337.1	322.6	306.5	292.0	293.8
77.5°	124.3	126.2	93.7	171.3	290.2	279.4	266.8	248.8	241.5	227.1	227.1
80°	93.7	99.2	70.3	117.2	209.1	209.1	198.3	185.7	173.0	165.8	165.8
82.5°	63.1	63.1	52.3	73.9	142.4	137.0	129.8	126.2	119.0	115.3	115.3
85°	28.8	36.0	32.5	45.0	77.5	81.1	81.1	77.5	75.7	72.1	73.9
87.5°	9.0	16.2	19.8	25.2	39.7	41.5	43.3	43.3	43.3	45.0	45.0
90°	7.1	12.7	18.4	19.7	31.0	46.1	53.7	47.7	35.7	26.8	26.8
92.5°	28.3	76.3	124.3	136.4	191.7	265.4	302.4	265.0	190.3	134.3	128.9
95°	67.9	155.7	243.6	265.6	471.6	746.4	883.8	788.7	598.4	455.6	439.4
97.5°	117.3	194.8	272.3	291.7	635.3	1093.5	1322.5	1262.4	1142.1	1051.9	1021.2
100°	155.5	225.8	296.1	313.6	694.9	1203.3	1457.4	1461.8	1470.6	1477.2	1440.5
102.5°	187.9	253.5	319.2	335.6	722.3	1237.7	1495.5	1572.1	1725.4	1840.3	1808.9
105°	243.1	298.6	354.1	368.0	742.4	1241.7	1491.3	1663.1	2006.6	2264.2	2247.3
107.5°	299.5	351.3	403.2	416.1	746.3	1186.4	1406.6	1646.2	2125.3	2484.6	2488.7
110°	337.7	384.4	431.2	442.9	740.5	1137.4	1335.9	1603.7	2139.4	2541.2	2558.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	375.1	419.7	464.3	475.5	740.8	1094.7	1271.6	1545.7	2093.9	2505.0	2532.1
115°	431.6	472.7	513.9	524.2	747.7	1045.6	1194.6	1458.7	1986.8	2382.9	2420.4
117.5°	487.5	524.9	562.2	571.5	761.5	1014.9	1141.6	1379.9	1856.6	2214.1	2255.5
120°	519.9	555.2	590.3	599.1	772.8	1004.5	1120.4	1338.2	1773.6	2100.3	2140.6
122.5°	551.8	587.3	622.7	631.6	789.1	999.1	1104.2	1300.3	1692.5	1986.6	2026.3
125°	600.5	632.8	665.1	673.2	811.0	994.7	1086.6	1253.1	1586.2	1836.1	1872.8
127.5°	640.0	672.7	705.3	713.5	833.0	992.1	1071.7	1214.7	1500.8	1715.3	1746.2
130°	661.2	696.4	731.5	740.4	848.9	993.6	1066.0	1193.4	1448.0	1639.0	1667.5
132.5°	683.1	718.3	753.5	762.3	861.9	994.7	1061.1	1175.1	1403.0	1573.9	1599.5
135°	715.6	747.6	779.6	787.7	876.0	993.8	1052.6	1148.1	1339.0	1482.2	1504.2
137.5°	748.8	780.6	812.3	820.2	897.2	999.9	1051.2	1131.9	1293.2	1414.3	1432.3
140°	776.4	805.6	834.8	842.1	910.1	1000.9	1046.3	1115.9	1255.4	1359.9	1376.8
142.5°	797.6	824.6	851.6	858.3	921.0	1004.5	1046.3	1107.5	1229.9	1321.8	1336.3
145°	830.0	853.6	877.2	883.1	935.1	1004.5	1039.2	1089.3	1189.4	1264.6	1275.6
147.5°	862.6	885.5	908.5	914.2	955.8	1011.4	1039.2	1078.6	1157.4	1216.5	1225.6
150°	883.8	904.5	925.2	930.4	966.7	1015.0	1039.2	1072.5	1139.0	1189.0	1196.4
152.5°	905.6	921.4	937.1	941.0	973.8	1017.3	1039.2	1067.5	1124.4	1167.1	1172.6
155°	938.2	949.8	961.4	964.3	989.2	1022.5	1039.2	1061.8	1107.0	1141.0	1144.7
157.5°	962.2	973.5	984.8	987.6	1004.8	1027.7	1039.2	1056.7	1091.9	1118.3	1120.9
160°	978.4	987.2	996.1	998.2	1011.9	1030.1	1039.2	1054.3	1084.4	1107.0	1108.5
162.5°	994.7	1001.2	1007.9	1009.5	1019.4	1032.6	1039.2	1051.9	1077.3	1096.4	1097.8
165°	1012.3	1018.3	1024.3	1025.8	1030.3	1036.2	1039.2	1048.3	1066.5	1080.2	1081.6
167.5°	1028.6	1031.4	1034.3	1035.0	1038.7	1043.7	1046.3	1052.3	1064.2	1073.1	1073.7
170°	1039.2	1042.0	1044.8	1045.5	1045.8	1046.1	1046.3	1052.3	1064.2	1073.1	1073.1
172.5°	1044.8	1045.4	1046.1	1046.3	1046.3	1046.3	1046.3	1051.0	1060.4	1067.5	1066.9
175°	1052.6	1052.6	1052.6	1052.6	1050.5	1047.7	1046.3	1049.3	1055.3	1059.7	1059.7
177.5°	1052.6	1052.6	1052.6	1052.6	1051.0	1048.7	1047.6	1050.0	1054.7	1058.3	1057.6
180°	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3
2.5°	1954.0	1948.6	1954.0	1950.4	1952.3	1946.8	1930.6	1925.2	1930.6	1936.0	1936.0
5°	1977.5	1973.8	1977.5	1977.5	1975.6	1972.0	1954.0	1950.4	1954.0	1955.8	1952.3
7.5°	1984.6	1979.3	1984.6	1981.1	1981.1	1977.5	1959.4	1955.8	1957.6	1963.0	1957.6
10°	1984.6	1979.3	1984.6	1982.8	1981.1	1977.5	1959.4	1952.3	1952.3	1957.6	1952.3
12.5°	1975.6	1972.0	1975.6	1972.0	1972.0	1968.5	1950.4	1943.2	1945.0	1946.8	1939.6
15°	1961.3	1955.8	1961.3	1957.6	1959.4	1954.0	1934.2	1927.0	1927.0	1930.6	1918.0
17.5°	1939.6	1932.4	1939.6	1937.8	1936.0	1932.4	1914.3	1907.1	1905.3	1907.1	1898.1
20°	1914.3	1909.0	1914.3	1912.6	1912.6	1905.3	1887.3	1878.3	1878.3	1878.3	1869.3
22.5°	1874.7	1869.3	1874.7	1878.3	1878.3	1876.5	1860.3	1847.7	1844.1	1844.1	1833.3
25°	1829.6	1824.3	1829.6	1829.6	1827.8	1829.6	1824.3	1817.0	1811.6	1806.2	1795.4
27.5°	1786.3	1782.8	1786.3	1782.8	1786.3	1781.0	1779.2	1777.3	1770.2	1764.8	1750.3
30°	1743.1	1739.5	1743.1	1739.5	1736.0	1732.3	1723.3	1719.7	1726.9	1723.3	1699.8
32.5°	1689.0	1685.5	1689.0	1689.0	1685.5	1685.5	1671.0	1665.6	1667.4	1678.2	1656.6
35°	1633.2	1627.7	1633.2	1631.3	1633.2	1627.7	1618.7	1617.0	1609.7	1622.3	1606.1
37.5°	1568.3	1562.8	1568.3	1568.3	1568.3	1571.9	1564.7	1559.2	1548.5	1564.7	1552.0
40°	1501.5	1494.4	1501.5	1499.8	1501.5	1505.2	1501.5	1498.0	1487.2	1499.8	1489.0
42.5°	1425.9	1424.0	1425.9	1427.7	1427.7	1434.9	1440.3	1433.0	1429.5	1420.5	1427.7
45°	1344.7	1341.2	1344.7	1348.4	1350.2	1353.7	1370.0	1370.0	1364.5	1350.2	1361.0
47.5°	1258.2	1249.2	1258.2	1269.0	1269.0	1274.4	1290.7	1303.2	1294.2	1276.2	1281.7
50°	1166.2	1168.1	1166.2	1173.5	1173.5	1193.4	1205.9	1218.5	1227.6	1205.9	1180.7
52.5°	1076.2	1074.4	1076.2	1081.6	1088.7	1097.7	1119.4	1132.0	1146.4	1133.9	1094.2
55°	986.0	989.6	986.0	987.9	991.4	996.9	1029.3	1041.9	1068.9	1052.7	1011.2
57.5°	895.9	890.4	895.9	899.5	901.3	906.7	933.7	957.2	973.4	975.2	924.7
60°	791.4	784.1	791.4	807.6	811.2	814.8	840.0	861.6	876.1	881.4	829.2
62.5°	699.4	686.8	699.4	710.2	717.4	726.4	744.4	776.9	789.6	791.4	717.4
65°	602.1	596.6	602.1	623.7	625.5	636.3	656.1	679.6	706.6	703.1	596.6
67.5°	513.8	513.8	513.8	528.1	539.0	544.4	569.6	580.4	614.7	618.3	497.5
70°	432.6	430.8	432.6	443.4	450.6	463.3	486.7	499.3	526.3	535.4	403.8
72.5°	355.1	353.3	355.1	364.1	371.3	382.1	402.0	416.4	439.8	450.6	313.6
75°	286.6	283.0	286.6	293.8	292.0	306.5	322.6	337.1	358.8	365.9	232.5
77.5°	220.0	220.0	220.0	227.1	227.1	241.5	248.8	266.8	279.4	290.2	171.3
80°	164.0	162.3	164.0	165.8	165.8	173.0	185.7	198.3	209.1	209.1	117.2
82.5°	115.3	111.8	115.3	115.3	115.3	119.0	126.2	129.8	137.0	142.4	73.9
85°	72.1	72.1	72.1	73.9	72.1	75.7	77.5	81.1	81.1	77.5	45.0
87.5°	46.8	45.0	46.8	45.0	45.0	43.3	43.3	43.3	41.5	39.7	25.2
90°	26.8	26.8	26.8	26.8	26.8	35.7	47.7	53.7	46.1	31.0	19.7
92.5°	107.5	86.1	107.5	128.9	134.3	190.3	265.0	302.4	265.4	191.7	136.4
95°	374.8	310.1	374.8	439.4	455.6	598.4	788.7	883.8	746.4	471.6	265.6
97.5°	898.1	775.0	898.1	1021.2	1051.9	1142.1	1262.4	1322.5	1093.5	635.3	291.7
100°	1294.0	1147.3	1294.0	1440.5	1477.2	1470.6	1461.8	1457.4	1203.3	694.9	313.6
102.5°	1683.3	1557.8	1683.3	1808.9	1840.3	1725.4	1572.1	1495.5	1237.7	722.3	335.6
105°	2179.8	2112.3	2179.8	2247.3	2264.2	2006.6	1663.1	1491.3	1241.7	742.4	368.0
107.5°	2505.0	2521.3	2505.0	2488.7	2484.6	2125.3	1646.2	1406.6	1186.4	746.3	416.1
110°	2629.0	2699.3	2629.0	2558.7	2541.2	2139.4	1603.7	1335.9	1137.4	740.5	442.9



TEST NUMBER: P935640

CATALOG NUMBER: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2640.0	2748.1	2640.0	2532.1	2505.0	2093.9	1545.7	1271.6	1094.7	740.8	475.5
115°	2570.1	2719.8	2570.1	2420.4	2382.9	1986.8	1458.7	1194.6	1045.6	747.7	524.2
117.5°	2421.6	2587.7	2421.6	2255.5	2214.1	1856.6	1379.9	1141.6	1014.9	761.5	571.5
120°	2302.0	2463.4	2302.0	2140.6	2100.3	1773.6	1338.2	1120.4	1004.5	772.8	599.1
122.5°	2185.5	2344.7	2185.5	2026.3	1986.6	1692.5	1300.3	1104.2	999.1	789.1	631.6
125°	2019.4	2166.0	2019.4	1872.8	1836.1	1586.2	1253.1	1086.6	994.7	811.0	673.2
127.5°	1869.9	1993.7	1869.9	1746.2	1715.3	1500.8	1214.7	1071.7	992.1	833.0	713.5
130°	1781.9	1896.1	1781.9	1667.5	1639.0	1448.0	1193.4	1066.0	993.6	848.9	740.4
132.5°	1701.9	1804.3	1701.9	1599.5	1573.9	1403.0	1175.1	1061.1	994.7	861.9	762.3
135°	1592.4	1680.6	1592.4	1504.2	1482.2	1339.0	1148.1	1052.6	993.8	876.0	787.7
137.5°	1504.5	1576.8	1504.5	1432.3	1414.3	1293.2	1131.9	1051.2	999.9	897.2	820.2
140°	1444.3	1511.8	1444.3	1376.8	1359.9	1255.4	1115.9	1046.3	1000.9	910.1	842.1
142.5°	1394.4	1452.5	1394.4	1336.3	1321.8	1229.9	1107.5	1046.3	1004.5	921.0	858.3
145°	1319.5	1363.5	1319.5	1275.6	1264.6	1189.4	1089.3	1039.2	1004.5	935.1	883.1
147.5°	1262.1	1298.5	1262.1	1225.6	1216.5	1157.4	1078.6	1039.2	1011.4	955.8	914.2
150°	1225.9	1255.4	1225.9	1196.4	1189.0	1139.0	1072.5	1039.2	1015.0	966.7	930.4
152.5°	1194.9	1217.2	1194.9	1172.6	1167.1	1124.4	1067.5	1039.2	1017.3	973.8	941.0
155°	1159.4	1174.2	1159.4	1144.7	1141.0	1107.0	1061.8	1039.2	1022.5	989.2	964.3
157.5°	1131.2	1141.6	1131.2	1120.9	1118.3	1091.9	1056.7	1039.2	1027.7	1004.8	987.6
160°	1114.5	1120.4	1114.5	1108.5	1107.0	1084.4	1054.3	1039.2	1030.1	1011.9	998.2
162.5°	1103.5	1109.1	1103.5	1097.8	1096.4	1077.3	1051.9	1039.2	1032.6	1019.4	1009.5
165°	1087.7	1093.6	1087.7	1081.6	1080.2	1066.5	1048.3	1039.2	1036.2	1030.3	1025.8
167.5°	1076.2	1078.7	1076.2	1073.7	1073.1	1064.2	1052.3	1046.3	1043.7	1038.7	1035.0
170°	1073.1	1073.1	1073.1	1073.1	1073.1	1064.2	1052.3	1046.3	1046.1	1045.8	1045.5
172.5°	1064.7	1062.5	1064.7	1066.9	1067.5	1060.4	1051.0	1046.3	1046.3	1046.3	1046.3
175°	1059.7	1059.7	1059.7	1059.7	1059.7	1055.3	1049.3	1046.3	1047.7	1050.5	1052.6
177.5°	1055.2	1052.6	1055.2	1057.6	1058.3	1054.7	1050.0	1047.6	1048.7	1051.0	1052.6
180°	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6



TEST NUMBER: P935640

CATALOG NUMBER: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3
2.5°	1932.4	1921.6	1921.6	1903.5	1896.3	1891.0	1881.9	1854.8	1847.7	1840.5	1851.3
5°	1948.6	1928.8	1914.3	1881.9	1854.8	1844.1	1809.8	1745.0	1701.7	1669.2	1651.2
7.5°	1952.3	1927.0	1900.0	1849.5	1784.6	1755.7	1651.2	1532.2	1499.8	1470.9	1452.9
10°	1948.6	1919.8	1881.9	1806.2	1653.0	1602.5	1498.0	1420.5	1400.7	1395.2	1400.7
12.5°	1936.0	1909.0	1856.7	1730.5	1516.0	1481.7	1420.5	1375.4	1371.8	1380.8	1429.5
15°	1914.3	1889.1	1827.8	1629.5	1440.3	1415.0	1371.8	1355.5	1375.4	1438.5	1584.5
17.5°	1892.8	1863.8	1788.2	1530.4	1382.6	1364.5	1333.9	1366.4	1478.2	1562.8	1611.5
20°	1863.8	1829.6	1743.1	1458.3	1341.2	1324.9	1310.5	1456.5	1541.2	1571.9	1598.9
22.5°	1829.6	1793.6	1681.8	1407.8	1297.9	1285.2	1294.2	1507.0	1541.2	1562.8	1586.3
25°	1784.6	1754.0	1609.7	1368.2	1263.7	1249.2	1283.5	1501.5	1521.4	1526.8	1573.7
27.5°	1743.1	1703.5	1534.0	1332.2	1222.2	1216.7	1292.5	1478.2	1492.5	1498.0	1548.5
30°	1692.7	1633.2	1449.3	1294.2	1178.9	1177.1	1294.2	1449.3	1445.7	1460.1	1510.5
32.5°	1640.3	1528.6	1353.7	1247.4	1137.4	1135.7	1281.7	1406.0	1402.4	1422.2	1460.1
35°	1591.7	1447.5	1224.0	1193.4	1085.2	1086.9	1251.0	1355.5	1357.4	1375.4	1398.8
37.5°	1541.2	1377.2	1081.6	1133.9	1034.7	1034.7	1209.5	1308.7	1305.1	1310.5	1342.9
40°	1481.7	1267.2	955.4	1056.4	987.9	982.4	1159.1	1258.2	1245.6	1243.8	1288.9
42.5°	1418.7	1146.4	861.6	953.6	933.7	926.6	1097.7	1196.9	1173.5	1178.9	1236.6
45°	1350.2	1114.0	789.6	805.8	877.9	872.4	1031.1	1126.6	1110.4	1124.9	1184.3
47.5°	1281.7	1049.1	766.1	668.8	818.4	816.6	957.2	1058.1	1049.1	1063.5	1126.6
50°	1187.9	977.0	764.3	573.3	751.7	758.9	868.9	991.4	991.4	1004.1	1070.7
52.5°	1067.1	888.7	694.0	519.1	674.1	695.8	791.4	933.7	937.4	949.9	1009.4
55°	957.2	796.8	643.6	477.7	582.3	629.1	715.6	874.3	881.4	894.1	948.2
57.5°	856.2	663.4	632.7	429.0	497.5	542.6	648.9	816.6	820.2	831.0	883.3
60°	748.1	479.5	580.4	376.8	423.6	457.8	587.6	748.1	760.7	767.9	812.9
62.5°	625.5	347.9	526.3	340.7	387.6	394.8	537.1	683.2	699.4	704.8	731.9
65°	445.3	292.0	447.1	310.0	349.7	351.5	483.1	616.5	630.9	639.9	659.8
67.5°	301.0	238.0	340.7	281.2	320.8	322.6	430.8	539.0	558.8	566.0	578.6
70°	209.1	158.6	252.3	250.6	288.4	292.0	375.0	468.6	486.7	492.1	499.3
72.5°	153.2	128.0	209.1	225.3	254.2	257.8	317.3	389.3	407.4	412.8	416.4
75°	117.2	135.2	169.5	196.5	216.3	218.1	259.6	317.3	329.8	333.5	335.3
77.5°	93.7	126.2	124.3	158.6	176.7	173.0	203.7	245.1	256.0	256.0	256.0
80°	70.3	99.2	93.7	113.5	129.8	126.2	146.0	174.8	178.5	182.0	180.3
82.5°	52.3	63.1	63.1	72.1	86.5	83.0	97.3	113.5	113.5	113.5	117.2
85°	32.5	36.0	28.8	37.8	48.7	46.8	54.1	61.3	63.1	63.1	59.5
87.5°	19.8	16.2	9.0	14.5	21.6	21.6	25.2	27.0	25.2	25.2	25.2
90°	18.4	12.7	7.1	12.7	18.4	19.7	31.0	46.1	53.7	47.7	35.7
92.5°	124.3	76.3	28.3	76.3	124.3	136.4	191.7	265.4	302.4	265.0	190.3
95°	243.6	155.7	67.9	155.7	243.6	265.6	471.6	746.4	883.8	788.7	598.4
97.5°	272.3	194.8	117.3	194.8	272.3	291.7	635.3	1093.5	1322.5	1262.4	1142.1
100°	296.1	225.8	155.5	225.8	296.1	313.6	694.9	1203.3	1457.4	1461.8	1470.6
102.5°	319.2	253.5	187.9	253.5	319.2	335.6	722.3	1237.7	1495.5	1572.1	1725.4
105°	354.1	298.6	243.1	298.6	354.1	368.0	742.4	1241.7	1491.3	1663.1	2006.6
107.5°	403.2	351.3	299.5	351.3	403.2	416.1	746.3	1186.4	1406.6	1646.2	2125.3
110°	431.2	384.4	337.7	384.4	431.2	442.9	740.5	1137.4	1335.9	1603.7	2139.4



TEST NUMBER: P935640

CATALOG NUMBER: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	464.3	419.7	375.1	419.7	464.3	475.5	740.8	1094.7	1271.6	1545.7	2093.9
115°	513.9	472.7	431.6	472.7	513.9	524.2	747.7	1045.6	1194.6	1458.7	1986.8
117.5°	562.2	524.9	487.5	524.9	562.2	571.5	761.5	1014.9	1141.6	1379.9	1856.6
120°	590.3	555.2	519.9	555.2	590.3	599.1	772.8	1004.5	1120.4	1338.2	1773.6
122.5°	622.7	587.3	551.8	587.3	622.7	631.6	789.1	999.1	1104.2	1300.3	1692.5
125°	665.1	632.8	600.5	632.8	665.1	673.2	811.0	994.7	1086.6	1253.1	1586.2
127.5°	705.3	672.7	640.0	672.7	705.3	713.5	833.0	992.1	1071.7	1214.7	1500.8
130°	731.5	696.4	661.2	696.4	731.5	740.4	848.9	993.6	1066.0	1193.4	1448.0
132.5°	753.5	718.3	683.1	718.3	753.5	762.3	861.9	994.7	1061.1	1175.1	1403.0
135°	779.6	747.6	715.6	747.6	779.6	787.7	876.0	993.8	1052.6	1148.1	1339.0
137.5°	812.3	780.6	748.8	780.6	812.3	820.2	897.2	999.9	1051.2	1131.9	1293.2
140°	834.8	805.6	776.4	805.6	834.8	842.1	910.1	1000.9	1046.3	1115.9	1255.4
142.5°	851.6	824.6	797.6	824.6	851.6	858.3	921.0	1004.5	1046.3	1107.5	1229.9
145°	877.2	853.6	830.0	853.6	877.2	883.1	935.1	1004.5	1039.2	1089.3	1189.4
147.5°	908.5	885.5	862.6	885.5	908.5	914.2	955.8	1011.4	1039.2	1078.6	1157.4
150°	925.2	904.5	883.8	904.5	925.2	930.4	966.7	1015.0	1039.2	1072.5	1139.0
152.5°	937.1	921.4	905.6	921.4	937.1	941.0	973.8	1017.3	1039.2	1067.5	1124.4
155°	961.4	949.8	938.2	949.8	961.4	964.3	989.2	1022.5	1039.2	1061.8	1107.0
157.5°	984.8	973.5	962.2	973.5	984.8	987.6	1004.8	1027.7	1039.2	1056.7	1091.9
160°	996.1	987.2	978.4	987.2	996.1	998.2	1011.9	1030.1	1039.2	1054.3	1084.4
162.5°	1007.9	1001.2	994.7	1001.2	1007.9	1009.5	1019.4	1032.6	1039.2	1051.9	1077.3
165°	1024.3	1018.3	1012.3	1018.3	1024.3	1025.8	1030.3	1036.2	1039.2	1048.3	1066.5
167.5°	1034.3	1031.4	1028.6	1031.4	1034.3	1035.0	1038.7	1043.7	1046.3	1052.3	1064.2
170°	1044.8	1042.0	1039.2	1042.0	1044.8	1045.5	1045.8	1046.1	1046.3	1052.3	1064.2
172.5°	1046.1	1045.4	1044.8	1045.4	1046.1	1046.3	1046.3	1046.3	1046.3	1051.0	1060.4
175°	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1050.5	1047.7	1046.3	1049.3	1055.3
177.5°	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1051.0	1048.7	1047.6	1050.0	1054.7
180°	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6



TEST NUMBER: P935640

CATALOG NUMBER: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3
2.5°	1838.6	1833.3	1840.5	1820.6	1840.5	1833.3	1838.6	1851.3	1840.5	1847.7	1854.8
5°	1613.3	1604.3	1575.5	1552.0	1575.5	1604.3	1613.3	1651.2	1669.2	1701.7	1745.0
7.5°	1442.0	1434.9	1427.7	1413.2	1427.7	1434.9	1442.0	1452.9	1470.9	1499.8	1532.2
10°	1404.2	1406.0	1416.9	1415.0	1416.9	1406.0	1404.2	1400.7	1395.2	1400.7	1420.5
12.5°	1501.5	1517.8	1577.3	1573.7	1577.3	1517.8	1501.5	1429.5	1380.8	1371.8	1375.4
15°	1613.3	1618.7	1631.3	1633.2	1631.3	1618.7	1613.3	1584.5	1438.5	1375.4	1355.5
17.5°	1624.2	1626.0	1635.0	1635.0	1635.0	1626.0	1624.2	1611.5	1562.8	1478.2	1366.4
20°	1615.2	1618.7	1636.8	1640.3	1636.8	1618.7	1615.2	1598.9	1571.9	1541.2	1456.5
22.5°	1611.5	1618.7	1633.2	1631.3	1633.2	1618.7	1611.5	1586.3	1562.8	1541.2	1507.0
25°	1593.5	1593.5	1595.3	1597.1	1595.3	1593.5	1593.5	1573.7	1526.8	1521.4	1501.5
27.5°	1555.7	1559.2	1570.0	1568.3	1570.0	1559.2	1555.7	1548.5	1498.0	1492.5	1478.2
30°	1521.4	1517.8	1508.8	1501.5	1508.8	1517.8	1521.4	1510.5	1460.1	1445.7	1449.3
32.5°	1463.7	1454.7	1445.7	1440.3	1445.7	1454.7	1463.7	1460.1	1422.2	1402.4	1406.0
35°	1395.2	1397.0	1395.2	1389.8	1395.2	1397.0	1395.2	1398.8	1375.4	1357.4	1355.5
37.5°	1346.5	1350.2	1348.4	1341.2	1348.4	1350.2	1346.5	1342.9	1310.5	1305.1	1308.7
40°	1296.1	1297.9	1296.1	1290.7	1296.1	1297.9	1296.1	1288.9	1243.8	1245.6	1258.2
42.5°	1247.4	1245.6	1240.2	1236.6	1240.2	1245.6	1247.4	1236.6	1178.9	1173.5	1196.9
45°	1191.5	1193.4	1182.5	1177.1	1182.5	1193.4	1191.5	1184.3	1124.9	1110.4	1126.6
47.5°	1135.7	1135.7	1126.6	1121.2	1126.6	1135.7	1135.7	1126.6	1063.5	1049.1	1058.1
50°	1076.2	1074.4	1061.7	1059.9	1061.7	1074.4	1076.2	1070.7	1004.1	991.4	991.4
52.5°	1007.7	1007.7	1009.4	1013.1	1009.4	1007.7	1007.7	1009.4	949.9	937.4	933.7
55°	948.2	949.9	962.6	966.2	962.6	949.9	948.2	948.2	894.1	881.4	874.3
57.5°	886.9	886.9	895.9	895.9	895.9	886.9	886.9	883.3	831.0	820.2	816.6
60°	816.6	820.2	827.4	825.6	827.4	820.2	816.6	812.9	767.9	760.7	748.1
62.5°	742.6	746.3	748.1	744.4	748.1	746.3	742.6	731.9	704.8	699.4	683.2
65°	665.1	668.8	670.6	666.9	670.6	668.8	665.1	659.8	639.9	630.9	616.5
67.5°	585.8	584.1	582.3	589.4	582.3	584.1	585.8	578.6	566.0	558.8	539.0
70°	504.8	504.8	502.9	506.5	502.9	504.8	504.8	499.3	492.1	486.7	468.6
72.5°	418.2	416.4	423.6	418.2	423.6	416.4	418.2	416.4	412.8	407.4	389.3
75°	333.5	337.1	333.5	338.9	333.5	337.1	333.5	335.3	333.5	329.8	317.3
77.5°	254.2	257.8	254.2	254.2	254.2	257.8	254.2	256.0	256.0	256.0	245.1
80°	180.3	178.5	178.5	176.7	178.5	178.5	180.3	180.3	182.0	178.5	174.8
82.5°	115.3	113.5	113.5	117.2	113.5	113.5	115.3	117.2	113.5	113.5	113.5
85°	63.1	64.9	61.3	61.3	61.3	64.9	63.1	59.5	63.1	63.1	61.3
87.5°	23.5	21.6	21.6	21.6	21.6	21.6	23.5	25.2	25.2	25.2	27.0
90°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	35.7	47.7	53.7	46.1
92.5°	134.3	128.9	107.5	86.1	107.5	128.9	134.3	190.3	265.0	302.4	265.4
95°	455.6	439.4	374.8	310.1	374.8	439.4	455.6	598.4	788.7	883.8	746.4
97.5°	1051.9	1021.2	898.1	775.0	898.1	1021.2	1051.9	1142.1	1262.4	1322.5	1093.5
100°	1477.2	1440.5	1294.0	1147.3	1294.0	1440.5	1477.2	1470.6	1461.8	1457.4	1203.3
102.5°	1840.3	1808.9	1683.3	1557.8	1683.3	1808.9	1840.3	1725.4	1572.1	1495.5	1237.7
105°	2264.2	2247.3	2179.8	2112.3	2179.8	2247.3	2264.2	2006.6	1663.1	1491.3	1241.7
107.5°	2484.6	2488.7	2505.0	2521.3	2505.0	2488.7	2484.6	2125.3	1646.2	1406.6	1186.4
110°	2541.2	2558.7	2629.0	2699.3	2629.0	2558.7	2541.2	2139.4	1603.7	1335.9	1137.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2505.0	2532.1	2640.0	2748.1	2640.0	2532.1	2505.0	2093.9	1545.7	1271.6	1094.7
115°	2382.9	2420.4	2570.1	2719.8	2570.1	2420.4	2382.9	1986.8	1458.7	1194.6	1045.6
117.5°	2214.1	2255.5	2421.6	2587.7	2421.6	2255.5	2214.1	1856.6	1379.9	1141.6	1014.9
120°	2100.3	2140.6	2302.0	2463.4	2302.0	2140.6	2100.3	1773.6	1338.2	1120.4	1004.5
122.5°	1986.6	2026.3	2185.5	2344.7	2185.5	2026.3	1986.6	1692.5	1300.3	1104.2	999.1
125°	1836.1	1872.8	2019.4	2166.0	2019.4	1872.8	1836.1	1586.2	1253.1	1086.6	994.7
127.5°	1715.3	1746.2	1869.9	1993.7	1869.9	1746.2	1715.3	1500.8	1214.7	1071.7	992.1
130°	1639.0	1667.5	1781.9	1896.1	1781.9	1667.5	1639.0	1448.0	1193.4	1066.0	993.6
132.5°	1573.9	1599.5	1701.9	1804.3	1701.9	1599.5	1573.9	1403.0	1175.1	1061.1	994.7
135°	1482.2	1504.2	1592.4	1680.6	1592.4	1504.2	1482.2	1339.0	1148.1	1052.6	993.8
137.5°	1414.3	1432.3	1504.5	1576.8	1504.5	1432.3	1414.3	1293.2	1131.9	1051.2	999.9
140°	1359.9	1376.8	1444.3	1511.8	1444.3	1376.8	1359.9	1255.4	1115.9	1046.3	1000.9
142.5°	1321.8	1336.3	1394.4	1452.5	1394.4	1336.3	1321.8	1229.9	1107.5	1046.3	1004.5
145°	1264.6	1275.6	1319.5	1363.5	1319.5	1275.6	1264.6	1189.4	1089.3	1039.2	1004.5
147.5°	1216.5	1225.6	1262.1	1298.5	1262.1	1225.6	1216.5	1157.4	1078.6	1039.2	1011.4
150°	1189.0	1196.4	1225.9	1255.4	1225.9	1196.4	1189.0	1139.0	1072.5	1039.2	1015.0
152.5°	1167.1	1172.6	1194.9	1217.2	1194.9	1172.6	1167.1	1124.4	1067.5	1039.2	1017.3
155°	1141.0	1144.7	1159.4	1174.2	1159.4	1144.7	1141.0	1107.0	1061.8	1039.2	1022.5
157.5°	1118.3	1120.9	1131.2	1141.6	1131.2	1120.9	1118.3	1091.9	1056.7	1039.2	1027.7
160°	1107.0	1108.5	1114.5	1120.4	1114.5	1108.5	1107.0	1084.4	1054.3	1039.2	1030.1
162.5°	1096.4	1097.8	1103.5	1109.1	1103.5	1097.8	1096.4	1077.3	1051.9	1039.2	1032.6
165°	1080.2	1081.6	1087.7	1093.6	1087.7	1081.6	1080.2	1066.5	1048.3	1039.2	1036.2
167.5°	1073.1	1073.7	1076.2	1078.7	1076.2	1073.7	1073.1	1064.2	1052.3	1046.3	1043.7
170°	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1064.2	1052.3	1046.3	1046.1
172.5°	1067.5	1066.9	1064.7	1062.5	1064.7	1066.9	1067.5	1060.4	1051.0	1046.3	1046.3
175°	1059.7	1059.7	1059.7	1059.7	1059.7	1059.7	1059.7	1055.3	1049.3	1046.3	1047.7
177.5°	1058.3	1057.6	1055.2	1052.6	1055.2	1057.6	1058.3	1054.7	1050.0	1047.6	1048.7
180°	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1905.3	1905.3	1905.3	1905.3	1905.3
2.5°	1881.9	1891.0	1896.3	1903.5	1921.6
5°	1809.8	1844.1	1854.8	1881.9	1914.3
7.5°	1651.2	1755.7	1784.6	1849.5	1900.0
10°	1498.0	1602.5	1653.0	1806.2	1881.9
12.5°	1420.5	1481.7	1516.0	1730.5	1856.7
15°	1371.8	1415.0	1440.3	1629.5	1827.8
17.5°	1333.9	1364.5	1382.6	1530.4	1788.2
20°	1310.5	1324.9	1341.2	1458.3	1743.1
22.5°	1294.2	1285.2	1297.9	1407.8	1681.8
25°	1283.5	1249.2	1263.7	1368.2	1609.7
27.5°	1292.5	1216.7	1222.2	1332.2	1534.0
30°	1294.2	1177.1	1178.9	1294.2	1449.3
32.5°	1281.7	1135.7	1137.4	1247.4	1353.7
35°	1251.0	1086.9	1085.2	1193.4	1224.0
37.5°	1209.5	1034.7	1034.7	1133.9	1081.6
40°	1159.1	982.4	987.9	1056.4	955.4
42.5°	1097.7	926.6	933.7	953.6	861.6
45°	1031.1	872.4	877.9	805.8	789.6
47.5°	957.2	816.6	818.4	668.8	766.1
50°	868.9	758.9	751.7	573.3	764.3
52.5°	791.4	695.8	674.1	519.1	694.0
55°	715.6	629.1	582.3	477.7	643.6
57.5°	648.9	542.6	497.5	429.0	632.7
60°	587.6	457.8	423.6	376.8	580.4
62.5°	537.1	394.8	387.6	340.7	526.3
65°	483.1	351.5	349.7	310.0	447.1
67.5°	430.8	322.6	320.8	281.2	340.7
70°	375.0	292.0	288.4	250.6	252.3
72.5°	317.3	257.8	254.2	225.3	209.1
75°	259.6	218.1	216.3	196.5	169.5
77.5°	203.7	173.0	176.7	158.6	124.3
80°	146.0	126.2	129.8	113.5	93.7
82.5°	97.3	83.0	86.5	72.1	63.1
85°	54.1	46.8	48.7	37.8	28.8
87.5°	25.2	21.6	21.6	14.5	9.0
90°	31.0	19.7	18.4	12.7	7.1
92.5°	191.7	136.4	124.3	76.3	28.3
95°	471.6	265.6	243.6	155.7	67.9
97.5°	635.3	291.7	272.3	194.8	117.3
100°	694.9	313.6	296.1	225.8	155.5
102.5°	722.3	335.6	319.2	253.5	187.9
105°	742.4	368.0	354.1	298.6	243.1
107.5°	746.3	416.1	403.2	351.3	299.5
110°	740.5	442.9	431.2	384.4	337.7



TEST NUMBER: P935640

CATALOG NUMBER: SQ4-FA-125U-100D-92765-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	740.8	475.5	464.3	419.7	375.1
115°	747.7	524.2	513.9	472.7	431.6
117.5°	761.5	571.5	562.2	524.9	487.5
120°	772.8	599.1	590.3	555.2	519.9
122.5°	789.1	631.6	622.7	587.3	551.8
125°	811.0	673.2	665.1	632.8	600.5
127.5°	833.0	713.5	705.3	672.7	640.0
130°	848.9	740.4	731.5	696.4	661.2
132.5°	861.9	762.3	753.5	718.3	683.1
135°	876.0	787.7	779.6	747.6	715.6
137.5°	897.2	820.2	812.3	780.6	748.8
140°	910.1	842.1	834.8	805.6	776.4
142.5°	921.0	858.3	851.6	824.6	797.6
145°	935.1	883.1	877.2	853.6	830.0
147.5°	955.8	914.2	908.5	885.5	862.6
150°	966.7	930.4	925.2	904.5	883.8
152.5°	973.8	941.0	937.1	921.4	905.6
155°	989.2	964.3	961.4	949.8	938.2
157.5°	1004.8	987.6	984.8	973.5	962.2
160°	1011.9	998.2	996.1	987.2	978.4
162.5°	1019.4	1009.5	1007.9	1001.2	994.7
165°	1030.3	1025.8	1024.3	1018.3	1012.3
167.5°	1038.7	1035.0	1034.3	1031.4	1028.6
170°	1045.8	1045.5	1044.8	1042.0	1039.2
172.5°	1046.3	1046.3	1046.1	1045.4	1044.8
175°	1050.5	1052.6	1052.6	1052.6	1052.6
177.5°	1051.0	1052.6	1052.6	1052.6	1052.6
180°	1052.6	1052.6	1052.6	1052.6	1052.6



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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	12.59	13.38	13.61	14.41	15.79	15.41	16.21	16.43	17.24	18.62
	3H	13.06	13.77	14.09	14.81	16.21	16.75	17.46	17.78	18.50	19.90
	4H	13.25	13.92	14.29	14.96	16.37	17.19	17.86	18.24	18.91	20.31
	6H	13.36	13.98	14.42	15.03	16.45	17.47	18.09	18.53	19.14	20.56
	8H	13.36	13.95	14.42	15.02	16.43	17.54	18.13	18.60	19.20	20.61
	12H	13.33	13.89	14.40	14.95	16.39	17.58	18.14	18.64	19.20	20.63
4H	2H	13.61	14.28	14.66	15.33	16.73	15.81	16.49	16.87	17.53	18.94
	3H	14.63	15.19	15.69	16.26	17.68	17.31	17.87	18.37	18.94	20.36
	4H	14.90	15.42	15.97	16.48	17.92	17.83	18.35	18.90	19.41	20.85
	6H	15.03	15.47	16.10	16.55	17.99	18.20	18.64	19.27	19.72	21.16
	8H	15.03	15.44	16.11	16.52	17.97	18.30	18.71	19.37	19.79	21.24
	12H	14.99	15.37	16.09	16.46	17.92	18.35	18.72	19.45	19.82	21.27
8H	4H	15.35	15.76	16.43	16.84	18.29	17.95	18.37	19.03	19.44	20.90
	6H	15.61	15.95	16.71	17.07	18.52	18.39	18.73	19.48	19.85	21.30
	8H	15.65	15.95	16.76	17.05	18.52	18.54	18.84	19.64	19.94	21.41
	12H	15.63	15.90	16.74	16.99	18.50	18.63	18.89	19.74	19.99	21.50
12H	4H	15.35	15.73	16.45	16.82	18.28	17.92	18.29	19.01	19.38	20.84
	6H	15.67	15.97	16.78	17.07	18.54	18.38	18.68	19.49	19.78	21.25
	8H	15.73	16.00	16.84	17.09	18.60	18.54	18.80	19.65	19.90	21.41