

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: P935196

Luminaire Tested: SQ4-FA-100U-075D-B2750-1D-UNV-STD-W-8-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935196
REPORT IS A COMBINATION OF REPORTS P933744 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-075D-B2750-1D-UNV-STD-W-8-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

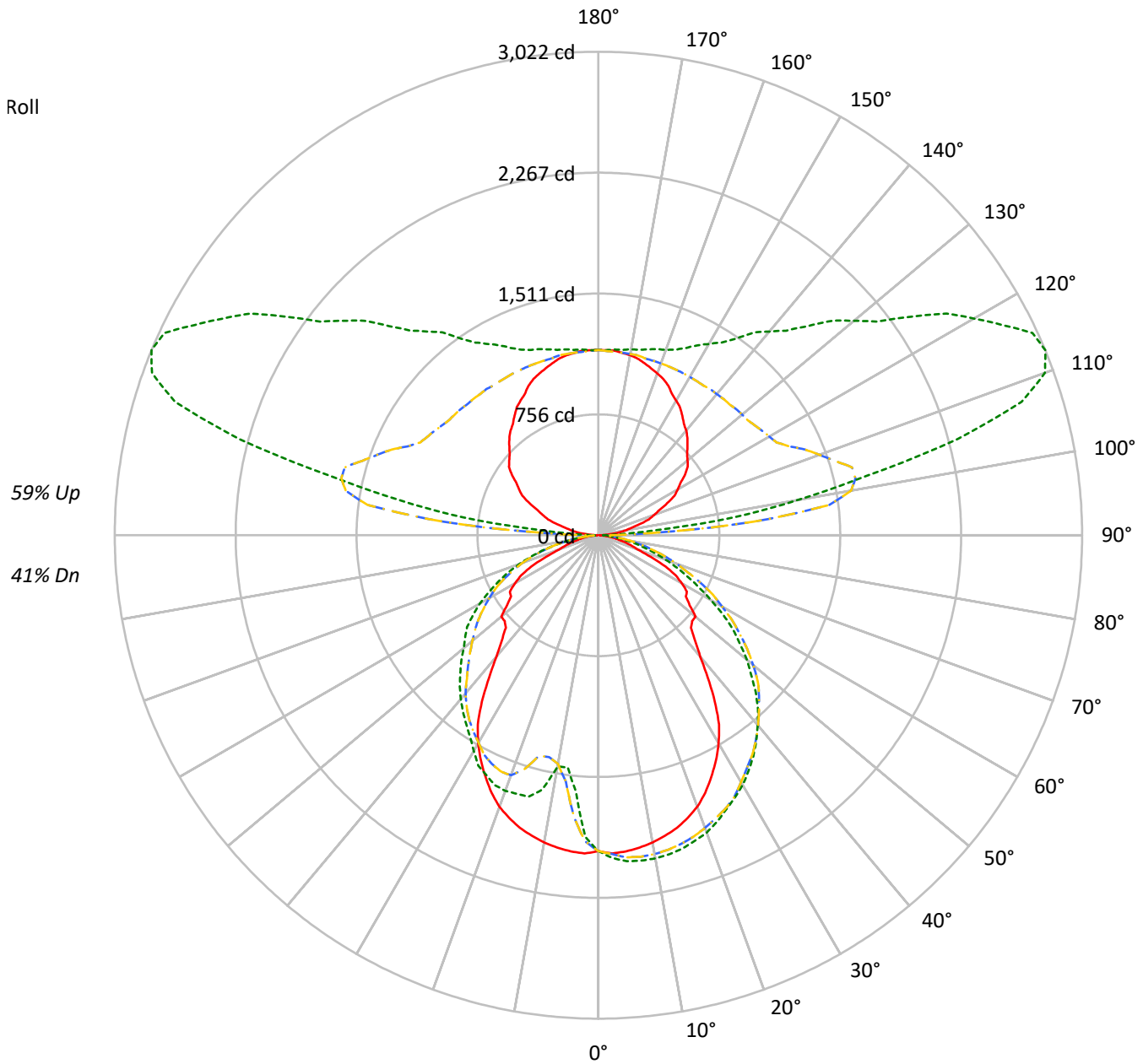
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12628.7 lumens
Efficiency: N/A
Efficacy: 128.3 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): 98.4
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	78	78	78	62	62	62	47	47	47	47	47	47	41
1	96	91	88	84	87	83	80	77	68	66	64	55	53	52	42	41	40	40	40	40	34
2	87	80	74	69	79	73	68	63	60	56	53	48	45	43	37	35	34	34	34	34	29
3	79	70	63	57	72	64	58	53	53	48	45	42	39	37	33	31	29	29	29	29	24
4	73	62	54	48	66	57	50	45	47	42	38	38	34	31	29	27	25	25	25	25	21
5	67	55	47	41	60	51	44	38	42	37	33	34	30	27	26	24	22	22	22	22	18
6	61	49	41	36	56	45	38	33	38	32	28	31	27	24	24	21	19	19	19	19	16
7	57	45	37	31	51	41	34	29	34	29	25	28	24	21	22	19	17	17	17	17	14
8	52	40	33	27	48	37	30	26	31	26	22	25	21	18	20	17	15	15	15	15	13
9	49	37	29	24	44	34	27	23	28	23	20	23	19	17	18	16	13	13	13	13	11
10	46	34	26	22	41	31	25	20	26	21	18	21	18	15	17	14	12	12	12	12	10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9160	9160	9160	9160
5°	9229	9247	9229	7271
10°	9167	9109	9167	6512
15°	9068	8911	9068	7441
20°	8878	8678	8878	7457
25°	8489	8336	8489	7299
30°	7988	8053	7988	6952
35°	7121	7695	7121	6570
40°	5934	7274	5934	6282
45°	5302	6780	5302	5951
50°	5633	6192	5633	5619
55°	5300	5558	5300	5426
60°	5463	4721	5463	4970
65°	4953	3902	4953	4362
70°	3430	3110	3430	3656
75°	3008	2299	3008	2753
80°	2423	1520	2423	1655
85°	1393	805	1393	684

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8126 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	178.2	1.4
10°-20°	506.0	4.0
20°-30°	782.2	6.2
30°-40°	933.8	7.4
40°-50°	939.3	7.4
50°-60°	817.3	6.5
60°-70°	579.5	4.6
70°-80°	306.6	2.4
80°-90°	80.8	0.6
90°-100°	564.3	4.5
100°-110°	1483.6	11.7
110°-120°	1538.4	12.2
120°-130°	1234.0	9.8
130°-140°	968.2	7.7
140°-150°	743.1	5.9
150°-160°	535.2	4.2
160°-170°	327.5	2.6
170°-180°	110.6	0.9
0°-30°	1466.5	11.6
0°-40°	2400.3	19.0
0°-60°	4156.8	32.9
0°-90°	5123.7	40.6
90°-120°	3586.3	28.4
90°-150°	6531.7	51.7
90°-180°	7505.0	59.4
0°-180°	12628.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1974	1974	1974	1974	1974	
5°	1984	2045	1984	1608	1984	188
15°	1894	2027	1894	1692	1894	533
25°	1668	1890	1668	1655	1668	766
35°	1268	1687	1268	1440	1268	785
45°	818	1390	818	1220	818	655
55°	667	1026	667	1001	667	613
65°	463	618	463	691	463	443
75°	176	293	176	351	176	185
85°	30	75	30	64	30	40
90°	8	30	8	30	8	8
95°	75	341	75	341	75	83
105°	267	2323	267	2323	267	283
115°	475	2991	475	2991	475	469
125°	660	2382	660	2382	660	586
135°	787	1848	787	1848	787	609
145°	913	1500	913	1500	913	572
155°	1032	1291	1032	1291	1032	474
165°	1113	1203	1113	1203	1113	314
175°	1158	1165	1158	1165	1158	110
180°	1158	1158	1158	1158	1158	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4
2.5°	1991.2	1991.2	2002.4	2006.1	2006.1	2000.5	1994.9	2000.5	2017.3	2023.0	2021.1
5°	1983.7	1998.7	2019.2	2023.0	2026.7	2024.8	2021.1	2024.8	2043.5	2047.2	2049.1
7.5°	1968.8	1996.8	2023.0	2028.6	2034.2	2028.6	2026.7	2030.4	2049.1	2052.8	2052.8
10°	1950.1	1989.3	2019.2	2023.0	2028.6	2023.0	2023.0	2030.4	2049.1	2052.8	2054.7
12.5°	1923.9	1978.1	2006.1	2009.9	2017.3	2015.5	2013.6	2021.1	2039.8	2043.5	2043.5
15°	1894.1	1957.6	1983.7	1987.5	2000.5	1996.8	1996.8	2004.3	2024.8	2030.4	2028.6
17.5°	1853.0	1931.4	1961.3	1966.9	1976.3	1974.4	1976.3	1983.7	2002.4	2006.1	2008.0
20°	1806.3	1895.9	1931.4	1937.0	1946.4	1946.4	1946.4	1955.7	1974.4	1981.9	1981.9
22.5°	1742.8	1858.6	1895.9	1899.7	1910.9	1910.9	1914.6	1927.7	1944.5	1946.4	1946.4
25°	1668.0	1817.5	1849.2	1860.4	1871.6	1877.2	1882.9	1890.3	1895.9	1894.1	1895.9
27.5°	1589.6	1765.2	1806.3	1813.7	1828.7	1834.3	1841.8	1843.6	1845.5	1851.1	1847.4
30°	1501.8	1692.3	1754.0	1761.4	1785.7	1789.5	1782.0	1785.7	1795.1	1798.8	1802.5
32.5°	1402.8	1584.0	1699.8	1716.6	1739.0	1727.8	1725.9	1731.5	1746.5	1746.5	1750.2
35°	1268.3	1499.9	1649.4	1664.3	1681.1	1668.0	1675.5	1677.4	1686.7	1692.3	1690.4
37.5°	1120.7	1427.1	1597.0	1608.3	1621.3	1604.5	1615.7	1621.3	1628.8	1625.1	1625.1
40°	990.0	1313.1	1535.4	1542.9	1554.1	1541.0	1552.2	1556.0	1559.7	1556.0	1554.1
42.5°	892.9	1188.0	1470.0	1479.4	1471.9	1481.2	1485.0	1492.4	1486.8	1479.4	1479.4
45°	818.2	1154.3	1399.0	1410.2	1399.0	1414.0	1419.6	1419.6	1402.8	1399.0	1397.2
47.5°	793.9	1087.2	1328.1	1328.1	1322.5	1341.1	1350.5	1337.4	1320.6	1315.0	1315.0
50°	792.0	1012.5	1230.9	1223.4	1249.6	1272.0	1262.7	1249.6	1236.5	1216.0	1216.0
52.5°	719.2	920.9	1105.9	1133.8	1174.9	1188.0	1173.0	1159.9	1137.5	1128.2	1120.7
55°	666.9	825.7	991.9	1047.9	1090.9	1107.7	1079.7	1066.6	1033.0	1027.4	1023.7
57.5°	655.7	687.4	887.3	958.3	1010.6	1008.7	991.9	967.6	939.6	934.0	932.1
60°	601.5	496.9	775.2	859.3	913.5	907.8	892.9	870.5	844.3	840.6	836.9
62.5°	545.5	360.5	648.2	743.5	820.1	818.2	805.1	771.5	752.8	743.5	736.0
65°	463.3	302.6	461.4	618.3	728.5	732.3	704.2	680.0	659.4	648.2	646.3
67.5°	353.1	246.6	312.0	515.6	640.7	637.0	601.5	590.3	564.1	558.5	547.3
70°	261.5	164.4	216.7	418.4	554.8	545.5	517.4	504.4	480.1	467.0	459.5
72.5°	216.7	132.6	158.8	325.0	467.0	455.8	431.5	416.6	396.0	384.8	377.3
75°	175.6	140.1	121.4	241.0	379.2	371.7	349.3	334.4	317.6	302.6	304.5
77.5°	128.9	130.8	97.1	177.5	300.7	289.5	276.5	257.8	250.3	235.4	235.4
80°	97.1	102.7	72.9	121.4	216.7	216.7	205.5	192.4	179.3	171.9	171.9
82.5°	65.4	65.4	54.2	76.6	147.6	142.0	134.5	130.8	123.3	119.6	119.6
85°	29.9	37.4	33.6	46.7	80.3	84.1	84.1	80.3	78.5	74.7	76.6
87.5°	9.3	16.8	20.5	26.2	41.1	43.0	44.8	44.8	44.8	46.7	46.7
90°	7.8	14.0	20.2	21.8	34.2	50.7	59.0	52.5	39.3	29.5	29.5
92.5°	31.1	84.0	136.8	150.0	210.8	292.0	332.5	291.4	209.3	147.7	141.8
95°	74.6	171.3	268.0	292.2	518.7	820.9	972.0	867.4	658.1	501.2	483.4
97.5°	129.0	214.3	299.6	320.9	698.8	1202.6	1454.5	1388.4	1256.1	1156.9	1123.1
100°	170.9	248.3	325.7	345.0	764.3	1323.4	1602.9	1607.8	1617.4	1624.7	1584.3
102.5°	206.7	278.8	351.0	369.0	794.3	1361.3	1644.9	1729.1	1897.7	2024.1	1989.5
105°	267.3	328.4	389.5	404.8	816.6	1365.7	1640.2	1829.1	2206.9	2490.2	2471.6
107.5°	329.4	386.4	443.4	457.7	820.8	1304.9	1547.0	1810.5	2337.4	2732.6	2737.1
110°	371.4	422.8	474.3	487.2	814.5	1251.0	1469.3	1763.9	2352.9	2794.8	2814.1



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	412.5	461.6	510.7	522.9	814.8	1204.0	1398.6	1700.1	2303.0	2755.2	2784.9
115°	474.8	520.0	565.3	576.6	822.3	1150.0	1313.9	1604.3	2185.2	2620.8	2662.0
117.5°	536.1	577.2	618.3	628.6	837.6	1116.2	1255.6	1517.7	2041.9	2435.0	2480.7
120°	571.9	610.6	649.2	658.8	850.0	1104.9	1232.3	1471.8	1950.8	2310.0	2354.3
122.5°	606.8	645.9	684.9	694.6	867.9	1098.9	1214.4	1430.0	1861.4	2184.9	2228.7
125°	660.4	696.0	731.6	740.5	892.0	1094.0	1195.0	1378.2	1744.6	2019.4	2059.8
127.5°	704.0	739.8	775.8	784.7	916.1	1091.2	1178.7	1336.0	1650.6	1886.5	1920.5
130°	727.2	765.9	804.5	814.3	933.6	1092.9	1172.5	1312.5	1592.6	1802.6	1834.0
132.5°	751.3	790.0	828.6	838.4	947.9	1094.0	1167.0	1292.4	1543.1	1731.1	1759.2
135°	787.1	822.3	857.6	866.4	963.5	1093.0	1157.7	1262.7	1472.6	1630.1	1654.4
137.5°	823.6	858.4	893.4	902.1	986.8	1099.7	1156.1	1244.8	1422.4	1555.5	1575.4
140°	853.9	886.0	918.1	926.2	1001.0	1100.8	1150.7	1227.4	1380.7	1495.7	1514.3
142.5°	877.2	906.9	936.6	944.0	1012.9	1104.7	1150.7	1218.0	1352.7	1453.8	1469.7
145°	913.0	938.9	964.8	971.3	1028.5	1104.8	1142.9	1198.0	1308.2	1390.8	1402.9
147.5°	948.7	973.9	999.1	1005.5	1051.3	1112.4	1142.9	1186.3	1272.9	1338.0	1347.9
150°	972.0	994.8	1017.6	1023.3	1063.2	1116.3	1142.9	1179.5	1252.8	1307.7	1315.8
152.5°	996.1	1013.4	1030.7	1035.0	1070.9	1118.9	1142.9	1174.2	1236.7	1283.6	1289.8
155°	1031.8	1044.6	1057.4	1060.6	1088.0	1124.6	1142.9	1167.8	1217.6	1254.8	1258.8
157.5°	1058.2	1070.6	1083.2	1086.2	1105.1	1130.3	1142.9	1162.3	1200.9	1230.0	1232.8
160°	1076.2	1085.9	1095.5	1097.9	1113.0	1132.9	1142.9	1159.6	1192.7	1217.6	1219.2
162.5°	1094.0	1101.3	1108.6	1110.3	1121.2	1135.7	1142.9	1156.9	1184.9	1205.9	1207.5
165°	1113.4	1120.0	1126.5	1128.2	1133.1	1139.7	1142.9	1152.9	1173.0	1188.0	1189.7
167.5°	1131.3	1134.3	1137.5	1138.3	1142.4	1147.9	1150.7	1157.2	1170.4	1180.2	1180.9
170°	1142.9	1146.0	1149.2	1149.9	1150.2	1150.5	1150.7	1157.2	1170.4	1180.2	1180.2
172.5°	1149.2	1149.8	1150.5	1150.7	1150.7	1150.7	1150.7	1155.9	1166.3	1174.0	1173.5
175°	1157.7	1157.7	1157.7	1157.7	1155.4	1152.3	1150.7	1154.0	1160.5	1165.4	1165.4
177.5°	1157.7	1157.7	1157.7	1157.7	1155.9	1153.5	1152.3	1154.9	1160.0	1164.0	1163.3
180°	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4
2.5°	2024.8	2019.2	2024.8	2021.1	2023.0	2017.3	2000.5	1994.9	2000.5	2006.1	2006.1
5°	2049.1	2045.4	2049.1	2049.1	2047.2	2043.5	2024.8	2021.1	2024.8	2026.7	2023.0
7.5°	2056.6	2051.0	2056.6	2052.8	2052.8	2049.1	2030.4	2026.7	2028.6	2034.2	2028.6
10°	2056.6	2051.0	2056.6	2054.7	2052.8	2049.1	2030.4	2023.0	2023.0	2028.6	2023.0
12.5°	2047.2	2043.5	2047.2	2043.5	2043.5	2039.8	2021.1	2013.6	2015.5	2017.3	2009.9
15°	2032.3	2026.7	2032.3	2028.6	2030.4	2024.8	2004.3	1996.8	1996.8	2000.5	1987.5
17.5°	2009.9	2002.4	2009.9	2008.0	2006.1	2002.4	1983.7	1976.3	1974.4	1976.3	1966.9
20°	1983.7	1978.1	1983.7	1981.9	1981.9	1974.4	1955.7	1946.4	1946.4	1946.4	1937.0
22.5°	1942.6	1937.0	1942.6	1946.4	1946.4	1944.5	1927.7	1914.6	1910.9	1910.9	1899.7
25°	1895.9	1890.3	1895.9	1895.9	1894.1	1895.9	1890.3	1882.9	1877.2	1871.6	1860.4
27.5°	1851.1	1847.4	1851.1	1847.4	1851.1	1845.5	1843.6	1841.8	1834.3	1828.7	1813.7
30°	1806.3	1802.5	1806.3	1802.5	1798.8	1795.1	1785.7	1782.0	1789.5	1785.7	1761.4
32.5°	1750.2	1746.5	1750.2	1750.2	1746.5	1746.5	1731.5	1725.9	1727.8	1739.0	1716.6
35°	1692.3	1686.7	1692.3	1690.4	1692.3	1686.7	1677.4	1675.5	1668.0	1681.1	1664.3
37.5°	1625.1	1619.5	1625.1	1625.1	1625.1	1628.8	1621.3	1615.7	1604.5	1621.3	1608.3
40°	1556.0	1548.5	1556.0	1554.1	1556.0	1559.7	1556.0	1552.2	1541.0	1554.1	1542.9
42.5°	1477.5	1475.6	1477.5	1479.4	1479.4	1486.8	1492.4	1485.0	1481.2	1471.9	1479.4
45°	1393.4	1389.7	1393.4	1397.2	1399.0	1402.8	1419.6	1419.6	1414.0	1399.0	1410.2
47.5°	1303.8	1294.4	1303.8	1315.0	1315.0	1320.6	1337.4	1350.5	1341.1	1322.5	1328.1
50°	1208.5	1210.4	1208.5	1216.0	1216.0	1236.5	1249.6	1262.7	1272.0	1249.6	1223.4
52.5°	1115.1	1113.3	1115.1	1120.7	1128.2	1137.5	1159.9	1173.0	1188.0	1174.9	1133.8
55°	1021.8	1025.5	1021.8	1023.7	1027.4	1033.0	1066.6	1079.7	1107.7	1090.9	1047.9
57.5°	928.4	922.8	928.4	932.1	934.0	939.6	967.6	991.9	1008.7	1010.6	958.3
60°	820.1	812.6	820.1	836.9	840.6	844.3	870.5	892.9	907.8	913.5	859.3
62.5°	724.8	711.7	724.8	736.0	743.5	752.8	771.5	805.1	818.2	820.1	743.5
65°	623.9	618.3	623.9	646.3	648.2	659.4	680.0	704.2	732.3	728.5	618.3
67.5°	532.4	532.4	532.4	547.3	558.5	564.1	590.3	601.5	637.0	640.7	515.6
70°	448.3	446.5	448.3	459.5	467.0	480.1	504.4	517.4	545.5	554.8	418.4
72.5°	368.0	366.1	368.0	377.3	384.8	396.0	416.6	431.5	455.8	467.0	325.0
75°	297.0	293.3	297.0	304.5	302.6	317.6	334.4	349.3	371.7	379.2	241.0
77.5°	227.9	227.9	227.9	235.4	235.4	250.3	257.8	276.5	289.5	300.7	177.5
80°	170.0	168.1	170.0	171.9	171.9	179.3	192.4	205.5	216.7	216.7	121.4
82.5°	119.6	115.8	119.6	119.6	119.6	123.3	130.8	134.5	142.0	147.6	76.6
85°	74.7	74.7	74.7	76.6	74.7	78.5	80.3	84.1	84.1	80.3	46.7
87.5°	48.6	46.7	48.6	46.7	46.7	44.8	44.8	44.8	43.0	41.1	26.2
90°	29.5	29.5	29.5	29.5	29.5	39.3	52.5	59.0	50.7	34.2	21.8
92.5°	118.3	94.8	118.3	141.8	147.7	209.3	291.4	332.5	292.0	210.8	150.0
95°	412.3	341.1	412.3	483.4	501.2	658.1	867.4	972.0	820.9	518.7	292.2
97.5°	987.7	852.4	987.7	1123.1	1156.9	1256.1	1388.4	1454.5	1202.6	698.8	320.9
100°	1423.1	1261.8	1423.1	1584.3	1624.7	1617.4	1607.8	1602.9	1323.4	764.3	345.0
102.5°	1851.4	1713.2	1851.4	1989.5	2024.1	1897.7	1729.1	1644.9	1361.3	794.3	369.0
105°	2397.4	2323.1	2397.4	2471.6	2490.2	2206.9	1829.1	1640.2	1365.7	816.6	404.8
107.5°	2755.1	2773.0	2755.1	2737.1	2732.6	2337.4	1810.5	1547.0	1304.9	820.8	457.7
110°	2891.5	2968.8	2891.5	2814.1	2794.8	2352.9	1763.9	1469.3	1251.0	814.5	487.2



TEST NUMBER: P935196

CATALOG NUMBER: SQ4-FA-100U-075D-B2750-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2903.6	3022.4	2903.6	2784.9	2755.2	2303.0	1700.1	1398.6	1204.0	814.8	522.9
115°	2826.7	2991.4	2826.7	2662.0	2620.8	2185.2	1604.3	1313.9	1150.0	822.3	576.6
117.5°	2663.4	2846.1	2663.4	2480.7	2435.0	2041.9	1517.7	1255.6	1116.2	837.6	628.6
120°	2531.9	2709.3	2531.9	2354.3	2310.0	1950.8	1471.8	1232.3	1104.9	850.0	658.8
122.5°	2403.7	2578.8	2403.7	2228.7	2184.9	1861.4	1430.0	1214.4	1098.9	867.9	694.6
125°	2221.0	2382.3	2221.0	2059.8	2019.4	1744.6	1378.2	1195.0	1094.0	892.0	740.5
127.5°	2056.6	2192.7	2056.6	1920.5	1886.5	1650.6	1336.0	1178.7	1091.2	916.1	784.7
130°	1959.7	2085.4	1959.7	1834.0	1802.6	1592.6	1312.5	1172.5	1092.9	933.6	814.3
132.5°	1871.8	1984.4	1871.8	1759.2	1731.1	1543.1	1292.4	1167.0	1094.0	947.9	838.4
135°	1751.4	1848.5	1751.4	1654.4	1630.1	1472.6	1262.7	1157.7	1093.0	963.5	866.4
137.5°	1654.8	1734.3	1654.8	1575.4	1555.5	1422.4	1244.8	1156.1	1099.7	986.8	902.1
140°	1588.5	1662.7	1588.5	1514.3	1495.7	1380.7	1227.4	1150.7	1100.8	1001.0	926.2
142.5°	1533.6	1597.5	1533.6	1469.7	1453.8	1352.7	1218.0	1150.7	1104.7	1012.9	944.0
145°	1451.2	1499.5	1451.2	1402.9	1390.8	1308.2	1198.0	1142.9	1104.8	1028.5	971.3
147.5°	1388.0	1428.1	1388.0	1347.9	1338.0	1272.9	1186.3	1142.9	1112.4	1051.3	1005.5
150°	1348.2	1380.7	1348.2	1315.8	1307.7	1252.8	1179.5	1142.9	1116.3	1063.2	1023.3
152.5°	1314.2	1338.7	1314.2	1289.8	1283.6	1236.7	1174.2	1142.9	1118.9	1070.9	1035.0
155°	1275.1	1291.3	1275.1	1258.8	1254.8	1217.6	1167.8	1142.9	1124.6	1088.0	1060.6
157.5°	1244.2	1255.6	1244.2	1232.8	1230.0	1200.9	1162.3	1142.9	1130.3	1105.1	1086.2
160°	1225.8	1232.3	1225.8	1219.2	1217.6	1192.7	1159.6	1142.9	1132.9	1113.0	1097.9
162.5°	1213.6	1219.9	1213.6	1207.5	1205.9	1184.9	1156.9	1142.9	1135.7	1121.2	1110.3
165°	1196.3	1202.8	1196.3	1189.7	1188.0	1173.0	1152.9	1142.9	1139.7	1133.1	1128.2
167.5°	1183.7	1186.5	1183.7	1180.9	1180.2	1170.4	1157.2	1150.7	1147.9	1142.4	1138.3
170°	1180.2	1180.2	1180.2	1180.2	1180.2	1170.4	1157.2	1150.7	1150.5	1150.2	1149.9
172.5°	1171.0	1168.6	1171.0	1173.5	1174.0	1166.3	1155.9	1150.7	1150.7	1150.7	1150.7
175°	1165.4	1165.4	1165.4	1165.4	1165.4	1160.5	1154.0	1150.7	1152.3	1155.4	1157.7
177.5°	1160.5	1157.7	1160.5	1163.3	1164.0	1160.0	1154.9	1152.3	1153.5	1155.9	1157.7
180°	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7



TEST NUMBER: P935196

CATALOG NUMBER: SQ4-FA-100U-075D-B2750-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4
2.5°	2002.4	1991.2	1991.2	1972.5	1965.0	1959.4	1950.1	1922.1	1914.6	1907.1	1918.3
5°	2019.2	1998.7	1983.7	1950.1	1922.1	1910.9	1875.4	1808.1	1763.3	1729.7	1711.0
7.5°	2023.0	1996.8	1968.8	1916.5	1849.2	1819.3	1711.0	1587.7	1554.1	1524.2	1505.5
10°	2019.2	1989.3	1950.1	1871.6	1712.9	1660.6	1552.2	1471.9	1451.3	1445.7	1451.3
12.5°	2006.1	1978.1	1923.9	1793.2	1570.9	1535.4	1471.9	1425.2	1421.5	1430.8	1481.2
15°	1983.7	1957.6	1894.1	1688.6	1492.4	1466.3	1421.5	1404.6	1425.2	1490.6	1641.9
17.5°	1961.3	1931.4	1853.0	1585.8	1432.7	1414.0	1382.2	1415.9	1531.7	1619.5	1669.9
20°	1931.4	1895.9	1806.3	1511.1	1389.7	1372.9	1357.9	1509.3	1597.0	1628.8	1656.8
22.5°	1895.9	1858.6	1742.8	1458.8	1344.9	1331.8	1341.1	1561.6	1597.0	1619.5	1643.7
25°	1849.2	1817.5	1668.0	1417.7	1309.4	1294.4	1329.9	1556.0	1576.5	1582.1	1630.7
27.5°	1806.3	1765.2	1589.6	1380.4	1266.4	1260.8	1339.3	1531.7	1546.6	1552.2	1604.5
30°	1754.0	1692.3	1501.8	1341.1	1221.6	1219.7	1341.1	1501.8	1498.0	1513.0	1565.3
32.5°	1699.8	1584.0	1402.8	1292.6	1178.6	1176.7	1328.1	1456.9	1453.2	1473.8	1513.0
35°	1649.4	1499.9	1268.3	1236.5	1124.4	1126.3	1296.3	1404.6	1406.5	1425.2	1449.5
37.5°	1597.0	1427.1	1120.7	1174.9	1072.2	1072.2	1253.3	1356.1	1352.3	1357.9	1391.6
40°	1535.4	1313.1	990.0	1094.6	1023.7	1018.1	1201.0	1303.8	1290.7	1288.8	1335.5
42.5°	1470.0	1188.0	892.9	988.2	967.6	960.2	1137.5	1240.3	1216.0	1221.6	1281.4
45°	1399.0	1154.3	818.2	835.0	909.7	904.1	1068.5	1167.4	1150.6	1165.5	1227.2
47.5°	1328.1	1087.2	793.9	693.0	848.1	846.2	991.9	1096.5	1087.2	1102.1	1167.4
50°	1230.9	1012.5	792.0	594.0	779.0	786.4	900.4	1027.4	1027.4	1040.5	1109.6
52.5°	1105.9	920.9	719.2	538.0	698.6	721.0	820.1	967.6	971.4	984.4	1046.1
55°	991.9	825.7	666.9	495.0	603.4	651.9	741.6	906.0	913.5	926.5	982.6
57.5°	887.3	687.4	655.7	444.6	515.6	562.3	672.5	846.2	849.9	861.1	915.3
60°	775.2	496.9	601.5	390.4	439.0	474.5	609.0	775.2	788.3	795.8	842.5
62.5°	648.2	360.5	545.5	353.1	401.6	409.1	556.7	708.0	724.8	730.4	758.4
65°	461.4	302.6	463.3	321.3	362.4	364.3	500.6	638.9	653.8	663.1	683.7
67.5°	312.0	246.6	353.1	291.4	332.5	334.4	446.5	558.5	579.1	586.6	599.6
70°	216.7	164.4	261.5	259.7	298.9	302.6	388.5	485.7	504.4	510.0	517.4
72.5°	158.8	132.6	216.7	233.5	263.4	267.1	328.8	403.5	422.2	427.8	431.5
75°	121.4	140.1	175.6	203.6	224.2	226.0	269.0	328.8	341.8	345.6	347.4
77.5°	97.1	130.8	128.9	164.4	183.1	179.3	211.1	254.0	265.3	265.3	265.3
80°	72.9	102.7	97.1	117.7	134.5	130.8	151.3	181.2	184.9	188.7	186.8
82.5°	54.2	65.4	65.4	74.7	89.7	85.9	100.9	117.7	117.7	117.7	121.4
85°	33.6	37.4	29.9	39.2	50.4	48.6	56.0	63.5	65.4	65.4	61.6
87.5°	20.5	16.8	9.3	14.9	22.4	22.4	26.2	28.0	26.2	26.2	26.2
90°	20.2	14.0	7.8	14.0	20.2	21.8	34.2	50.7	59.0	52.5	39.3
92.5°	136.8	84.0	31.1	84.0	136.8	150.0	210.8	292.0	332.5	291.4	209.3
95°	268.0	171.3	74.6	171.3	268.0	292.2	518.7	820.9	972.0	867.4	658.1
97.5°	299.6	214.3	129.0	214.3	299.6	320.9	698.8	1202.6	1454.5	1388.4	1256.1
100°	325.7	248.3	170.9	248.3	325.7	345.0	764.3	1323.4	1602.9	1607.8	1617.4
102.5°	351.0	278.8	206.7	278.8	351.0	369.0	794.3	1361.3	1644.9	1729.1	1897.7
105°	389.5	328.4	267.3	328.4	389.5	404.8	816.6	1365.7	1640.2	1829.1	2206.9
107.5°	443.4	386.4	329.4	386.4	443.4	457.7	820.8	1304.9	1547.0	1810.5	2337.4
110°	474.3	422.8	371.4	422.8	474.3	487.2	814.5	1251.0	1469.3	1763.9	2352.9



TEST NUMBER: P935196

CATALOG NUMBER: SQ4-FA-100U-075D-B2750-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	510.7	461.6	412.5	461.6	510.7	522.9	814.8	1204.0	1398.6	1700.1	2303.0
115°	565.3	520.0	474.8	520.0	565.3	576.6	822.3	1150.0	1313.9	1604.3	2185.2
117.5°	618.3	577.2	536.1	577.2	618.3	628.6	837.6	1116.2	1255.6	1517.7	2041.9
120°	649.2	610.6	571.9	610.6	649.2	658.8	850.0	1104.9	1232.3	1471.8	1950.8
122.5°	684.9	645.9	606.8	645.9	684.9	694.6	867.9	1098.9	1214.4	1430.0	1861.4
125°	731.6	696.0	660.4	696.0	731.6	740.5	892.0	1094.0	1195.0	1378.2	1744.6
127.5°	775.8	739.8	704.0	739.8	775.8	784.7	916.1	1091.2	1178.7	1336.0	1650.6
130°	804.5	765.9	727.2	765.9	804.5	814.3	933.6	1092.9	1172.5	1312.5	1592.6
132.5°	828.6	790.0	751.3	790.0	828.6	838.4	947.9	1094.0	1167.0	1292.4	1543.1
135°	857.6	822.3	787.1	822.3	857.6	866.4	963.5	1093.0	1157.7	1262.7	1472.6
137.5°	893.4	858.4	823.6	858.4	893.4	902.1	986.8	1099.7	1156.1	1244.8	1422.4
140°	918.1	886.0	853.9	886.0	918.1	926.2	1001.0	1100.8	1150.7	1227.4	1380.7
142.5°	936.6	906.9	877.2	906.9	936.6	944.0	1012.9	1104.7	1150.7	1218.0	1352.7
145°	964.8	938.9	913.0	938.9	964.8	971.3	1028.5	1104.8	1142.9	1198.0	1308.2
147.5°	999.1	973.9	948.7	973.9	999.1	1005.5	1051.3	1112.4	1142.9	1186.3	1272.9
150°	1017.6	994.8	972.0	994.8	1017.6	1023.3	1063.2	1116.3	1142.9	1179.5	1252.8
152.5°	1030.7	1013.4	996.1	1013.4	1030.7	1035.0	1070.9	1118.9	1142.9	1174.2	1236.7
155°	1057.4	1044.6	1031.8	1044.6	1057.4	1060.6	1088.0	1124.6	1142.9	1167.8	1217.6
157.5°	1083.2	1070.6	1058.2	1070.6	1083.2	1086.2	1105.1	1130.3	1142.9	1162.3	1200.9
160°	1095.5	1085.9	1076.2	1085.9	1095.5	1097.9	1113.0	1132.9	1142.9	1159.6	1192.7
162.5°	1108.6	1101.3	1094.0	1101.3	1108.6	1110.3	1121.2	1135.7	1142.9	1156.9	1184.9
165°	1126.5	1120.0	1113.4	1120.0	1126.5	1128.2	1133.1	1139.7	1142.9	1152.9	1173.0
167.5°	1137.5	1134.3	1131.3	1134.3	1137.5	1138.3	1142.4	1147.9	1150.7	1157.2	1170.4
170°	1149.2	1146.0	1142.9	1146.0	1149.2	1149.9	1150.2	1150.5	1150.7	1157.2	1170.4
172.5°	1150.5	1149.8	1149.2	1149.8	1150.5	1150.7	1150.7	1150.7	1150.7	1155.9	1166.3
175°	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1155.4	1152.3	1150.7	1154.0	1160.5
177.5°	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1155.9	1153.5	1152.3	1154.9	1160.0
180°	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7



TEST NUMBER: P935196

CATALOG NUMBER: SQ4-FA-100U-075D-B2750-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4	1974.4
2.5°	1905.3	1899.7	1907.1	1886.6	1907.1	1899.7	1905.3	1918.3	1907.1	1914.6	1922.1
5°	1671.8	1662.4	1632.5	1608.3	1632.5	1662.4	1671.8	1711.0	1729.7	1763.3	1808.1
7.5°	1494.3	1486.8	1479.4	1464.4	1479.4	1486.8	1494.3	1505.5	1524.2	1554.1	1587.7
10°	1455.1	1456.9	1468.2	1466.3	1468.2	1456.9	1455.1	1451.3	1445.7	1451.3	1471.9
12.5°	1556.0	1572.8	1634.4	1630.7	1634.4	1572.8	1556.0	1481.2	1430.8	1421.5	1425.2
15°	1671.8	1677.4	1690.4	1692.3	1690.4	1677.4	1671.8	1641.9	1490.6	1425.2	1404.6
17.5°	1683.0	1684.8	1694.2	1694.2	1694.2	1684.8	1683.0	1669.9	1619.5	1531.7	1415.9
20°	1673.6	1677.4	1696.1	1699.8	1696.1	1677.4	1673.6	1656.8	1628.8	1597.0	1509.3
22.5°	1669.9	1677.4	1692.3	1690.4	1692.3	1677.4	1669.9	1643.7	1619.5	1597.0	1561.6
25°	1651.2	1651.2	1653.1	1655.0	1653.1	1651.2	1651.2	1630.7	1582.1	1576.5	1556.0
27.5°	1612.0	1615.7	1626.9	1625.1	1626.9	1615.7	1612.0	1604.5	1552.2	1546.6	1531.7
30°	1576.5	1572.8	1563.4	1556.0	1563.4	1572.8	1576.5	1565.3	1513.0	1498.0	1501.8
32.5°	1516.7	1507.4	1498.0	1492.4	1498.0	1507.4	1516.7	1513.0	1473.8	1453.2	1456.9
35°	1445.7	1447.6	1445.7	1440.1	1445.7	1447.6	1445.7	1449.5	1425.2	1406.5	1404.6
37.5°	1395.3	1399.0	1397.2	1389.7	1397.2	1399.0	1395.3	1391.6	1357.9	1352.3	1356.1
40°	1343.0	1344.9	1343.0	1337.4	1343.0	1344.9	1343.0	1335.5	1288.8	1290.7	1303.8
42.5°	1292.6	1290.7	1285.1	1281.4	1285.1	1290.7	1292.6	1281.4	1221.6	1216.0	1240.3
45°	1234.7	1236.5	1225.3	1219.7	1225.3	1236.5	1234.7	1227.2	1165.5	1150.6	1167.4
47.5°	1176.7	1176.7	1167.4	1161.8	1167.4	1176.7	1176.7	1167.4	1102.1	1087.2	1096.5
50°	1115.1	1113.3	1100.3	1098.4	1100.3	1113.3	1115.1	1109.6	1040.5	1027.4	1027.4
52.5°	1044.2	1044.2	1046.1	1049.8	1046.1	1044.2	1044.2	1046.1	984.4	971.4	967.6
55°	982.6	984.4	997.5	1001.2	997.5	984.4	982.6	982.6	926.5	913.5	906.0
57.5°	919.1	919.1	928.4	928.4	928.4	919.1	919.1	915.3	861.1	849.9	846.2
60°	846.2	849.9	857.4	855.5	857.4	849.9	846.2	842.5	795.8	788.3	775.2
62.5°	769.6	773.4	775.2	771.5	775.2	773.4	769.6	758.4	730.4	724.8	708.0
65°	689.3	693.0	694.9	691.2	694.9	693.0	689.3	683.7	663.1	653.8	638.9
67.5°	607.1	605.2	603.4	610.8	603.4	605.2	607.1	599.6	586.6	579.1	558.5
70°	523.0	523.0	521.2	524.9	521.2	523.0	523.0	517.4	510.0	504.4	485.7
72.5°	433.4	431.5	439.0	433.4	439.0	431.5	433.4	431.5	427.8	422.2	403.5
75°	345.6	349.3	345.6	351.2	345.6	349.3	345.6	347.4	345.6	341.8	328.8
77.5°	263.4	267.1	263.4	263.4	263.4	267.1	263.4	265.3	265.3	265.3	254.0
80°	186.8	184.9	184.9	183.1	184.9	184.9	186.8	186.8	188.7	184.9	181.2
82.5°	119.6	117.7	117.7	121.4	117.7	117.7	119.6	121.4	117.7	117.7	117.7
85°	65.4	67.2	63.5	63.5	63.5	67.2	65.4	61.6	65.4	65.4	63.5
87.5°	24.3	22.4	22.4	22.4	22.4	22.4	24.3	26.2	26.2	26.2	28.0
90°	29.5	29.5	29.5	29.5	29.5	29.5	29.5	39.3	52.5	59.0	50.7
92.5°	147.7	141.8	118.3	94.8	118.3	141.8	147.7	209.3	291.4	332.5	292.0
95°	501.2	483.4	412.3	341.1	412.3	483.4	501.2	658.1	867.4	972.0	820.9
97.5°	1156.9	1123.1	987.7	852.4	987.7	1123.1	1156.9	1256.1	1388.4	1454.5	1202.6
100°	1624.7	1584.3	1423.1	1261.8	1423.1	1584.3	1624.7	1617.4	1607.8	1602.9	1323.4
102.5°	2024.1	1989.5	1851.4	1713.2	1851.4	1989.5	2024.1	1897.7	1729.1	1644.9	1361.3
105°	2490.2	2471.6	2397.4	2323.1	2397.4	2471.6	2490.2	2206.9	1829.1	1640.2	1365.7
107.5°	2732.6	2737.1	2755.1	2773.0	2755.1	2737.1	2732.6	2337.4	1810.5	1547.0	1304.9
110°	2794.8	2814.1	2891.5	2968.8	2891.5	2814.1	2794.8	2352.9	1763.9	1469.3	1251.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2755.2	2784.9	2903.6	3022.4	2903.6	2784.9	2755.2	2303.0	1700.1	1398.6	1204.0
115°	2620.8	2662.0	2826.7	2991.4	2826.7	2662.0	2620.8	2185.2	1604.3	1313.9	1150.0
117.5°	2435.0	2480.7	2663.4	2846.1	2663.4	2480.7	2435.0	2041.9	1517.7	1255.6	1116.2
120°	2310.0	2354.3	2531.9	2709.3	2531.9	2354.3	2310.0	1950.8	1471.8	1232.3	1104.9
122.5°	2184.9	2228.7	2403.7	2578.8	2403.7	2228.7	2184.9	1861.4	1430.0	1214.4	1098.9
125°	2019.4	2059.8	2221.0	2382.3	2221.0	2059.8	2019.4	1744.6	1378.2	1195.0	1094.0
127.5°	1886.5	1920.5	2056.6	2192.7	2056.6	1920.5	1886.5	1650.6	1336.0	1178.7	1091.2
130°	1802.6	1834.0	1959.7	2085.4	1959.7	1834.0	1802.6	1592.6	1312.5	1172.5	1092.9
132.5°	1731.1	1759.2	1871.8	1984.4	1871.8	1759.2	1731.1	1543.1	1292.4	1167.0	1094.0
135°	1630.1	1654.4	1751.4	1848.5	1751.4	1654.4	1630.1	1472.6	1262.7	1157.7	1093.0
137.5°	1555.5	1575.4	1654.8	1734.3	1654.8	1575.4	1555.5	1422.4	1244.8	1156.1	1099.7
140°	1495.7	1514.3	1588.5	1662.7	1588.5	1514.3	1495.7	1380.7	1227.4	1150.7	1100.8
142.5°	1453.8	1469.7	1533.6	1597.5	1533.6	1469.7	1453.8	1352.7	1218.0	1150.7	1104.7
145°	1390.8	1402.9	1451.2	1499.5	1451.2	1402.9	1390.8	1308.2	1198.0	1142.9	1104.8
147.5°	1338.0	1347.9	1388.0	1428.1	1388.0	1347.9	1338.0	1272.9	1186.3	1142.9	1112.4
150°	1307.7	1315.8	1348.2	1380.7	1348.2	1315.8	1307.7	1252.8	1179.5	1142.9	1116.3
152.5°	1283.6	1289.8	1314.2	1338.7	1314.2	1289.8	1283.6	1236.7	1174.2	1142.9	1118.9
155°	1254.8	1258.8	1275.1	1291.3	1275.1	1258.8	1254.8	1217.6	1167.8	1142.9	1124.6
157.5°	1230.0	1232.8	1244.2	1255.6	1244.2	1232.8	1230.0	1200.9	1162.3	1142.9	1130.3
160°	1217.6	1219.2	1225.8	1232.3	1225.8	1219.2	1217.6	1192.7	1159.6	1142.9	1132.9
162.5°	1205.9	1207.5	1213.6	1219.9	1213.6	1207.5	1205.9	1184.9	1156.9	1142.9	1135.7
165°	1188.0	1189.7	1196.3	1202.8	1196.3	1189.7	1188.0	1173.0	1152.9	1142.9	1139.7
167.5°	1180.2	1180.9	1183.7	1186.5	1183.7	1180.9	1180.2	1170.4	1157.2	1150.7	1147.9
170°	1180.2	1180.2	1180.2	1180.2	1180.2	1180.2	1180.2	1170.4	1157.2	1150.7	1150.5
172.5°	1174.0	1173.5	1171.0	1168.6	1171.0	1173.5	1174.0	1166.3	1155.9	1150.7	1150.7
175°	1165.4	1165.4	1165.4	1165.4	1165.4	1165.4	1165.4	1160.5	1154.0	1150.7	1152.3
177.5°	1164.0	1163.3	1160.5	1157.7	1160.5	1163.3	1164.0	1160.0	1154.9	1152.3	1153.5
180°	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7	1157.7



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1974.4	1974.4	1974.4	1974.4	1974.4
2.5°	1950.1	1959.4	1965.0	1972.5	1991.2
5°	1875.4	1910.9	1922.1	1950.1	1983.7
7.5°	1711.0	1819.3	1849.2	1916.5	1968.8
10°	1552.2	1660.6	1712.9	1871.6	1950.1
12.5°	1471.9	1535.4	1570.9	1793.2	1923.9
15°	1421.5	1466.3	1492.4	1688.6	1894.1
17.5°	1382.2	1414.0	1432.7	1585.8	1853.0
20°	1357.9	1372.9	1389.7	1511.1	1806.3
22.5°	1341.1	1331.8	1344.9	1458.8	1742.8
25°	1329.9	1294.4	1309.4	1417.7	1668.0
27.5°	1339.3	1260.8	1266.4	1380.4	1589.6
30°	1341.1	1219.7	1221.6	1341.1	1501.8
32.5°	1328.1	1176.7	1178.6	1292.6	1402.8
35°	1296.3	1126.3	1124.4	1236.5	1268.3
37.5°	1253.3	1072.2	1072.2	1174.9	1120.7
40°	1201.0	1018.1	1023.7	1094.6	990.0
42.5°	1137.5	960.2	967.6	988.2	892.9
45°	1068.5	904.1	909.7	835.0	818.2
47.5°	991.9	846.2	848.1	693.0	793.9
50°	900.4	786.4	779.0	594.0	792.0
52.5°	820.1	721.0	698.6	538.0	719.2
55°	741.6	651.9	603.4	495.0	666.9
57.5°	672.5	562.3	515.6	444.6	655.7
60°	609.0	474.5	439.0	390.4	601.5
62.5°	556.7	409.1	401.6	353.1	545.5
65°	500.6	364.3	362.4	321.3	463.3
67.5°	446.5	334.4	332.5	291.4	353.1
70°	388.5	302.6	298.9	259.7	261.5
72.5°	328.8	267.1	263.4	233.5	216.7
75°	269.0	226.0	224.2	203.6	175.6
77.5°	211.1	179.3	183.1	164.4	128.9
80°	151.3	130.8	134.5	117.7	97.1
82.5°	100.9	85.9	89.7	74.7	65.4
85°	56.0	48.6	50.4	39.2	29.9
87.5°	26.2	22.4	22.4	14.9	9.3
90°	34.2	21.8	20.2	14.0	7.8
92.5°	210.8	150.0	136.8	84.0	31.1
95°	518.7	292.2	268.0	171.3	74.6
97.5°	698.8	320.9	299.6	214.3	129.0
100°	764.3	345.0	325.7	248.3	170.9
102.5°	794.3	369.0	351.0	278.8	206.7
105°	816.6	404.8	389.5	328.4	267.3
107.5°	820.8	457.7	443.4	386.4	329.4
110°	814.5	487.2	474.3	422.8	371.4



TEST NUMBER: P935196

CATALOG NUMBER: SQ4-FA-100U-075D-B2750-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	814.8	522.9	510.7	461.6	412.5
115°	822.3	576.6	565.3	520.0	474.8
117.5°	837.6	628.6	618.3	577.2	536.1
120°	850.0	658.8	649.2	610.6	571.9
122.5°	867.9	694.6	684.9	645.9	606.8
125°	892.0	740.5	731.6	696.0	660.4
127.5°	916.1	784.7	775.8	739.8	704.0
130°	933.6	814.3	804.5	765.9	727.2
132.5°	947.9	838.4	828.6	790.0	751.3
135°	963.5	866.4	857.6	822.3	787.1
137.5°	986.8	902.1	893.4	858.4	823.6
140°	1001.0	926.2	918.1	886.0	853.9
142.5°	1012.9	944.0	936.6	906.9	877.2
145°	1028.5	971.3	964.8	938.9	913.0
147.5°	1051.3	1005.5	999.1	973.9	948.7
150°	1063.2	1023.3	1017.6	994.8	972.0
152.5°	1070.9	1035.0	1030.7	1013.4	996.1
155°	1088.0	1060.6	1057.4	1044.6	1031.8
157.5°	1105.1	1086.2	1083.2	1070.6	1058.2
160°	1113.0	1097.9	1095.5	1085.9	1076.2
162.5°	1121.2	1110.3	1108.6	1101.3	1094.0
165°	1133.1	1128.2	1126.5	1120.0	1113.4
167.5°	1142.4	1138.3	1137.5	1134.3	1131.3
170°	1150.2	1149.9	1149.2	1146.0	1142.9
172.5°	1150.7	1150.7	1150.5	1149.8	1149.2
175°	1155.4	1157.7	1157.7	1157.7	1157.7
177.5°	1155.9	1157.7	1157.7	1157.7	1157.7
180°	1157.7	1157.7	1157.7	1157.7	1157.7



TEST NUMBER: P935196
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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	11.56	12.35	12.60	13.39	14.79	14.40	15.18	15.44	16.22	17.62
	3H	12.03	12.74	13.08	13.79	15.20	15.74	16.44	16.79	17.49	18.91
	4H	12.22	12.89	13.28	13.94	15.36	16.19	16.85	17.24	17.90	19.33
	6H	12.34	12.95	13.40	14.00	15.44	16.47	17.08	17.53	18.13	19.57
	8H	12.34	12.92	13.41	13.99	15.42	16.54	17.12	17.61	18.19	19.63
	12H	12.30	12.86	13.38	13.92	15.38	16.58	17.13	17.65	18.20	19.65
4H	2H	12.59	13.25	13.65	14.30	15.73	14.80	15.46	15.86	16.52	17.94
	3H	13.61	14.16	14.68	15.24	16.68	16.30	16.85	17.37	17.93	19.37
	4H	13.88	14.39	14.96	15.46	16.92	16.83	17.33	17.90	18.40	19.87
	6H	14.00	14.44	15.09	15.53	16.99	17.19	17.63	18.28	18.72	20.17
	8H	14.01	14.41	15.09	15.50	16.97	17.30	17.70	18.38	18.79	20.26
	12H	13.97	14.34	15.07	15.44	16.91	17.35	17.72	18.45	18.82	20.29
8H	4H	14.33	14.74	15.41	15.82	17.29	16.95	17.35	18.03	18.44	19.91
	6H	14.59	14.92	15.70	16.05	17.52	17.38	17.72	18.49	18.84	20.31
	8H	14.63	14.92	15.74	16.03	17.52	17.53	17.83	18.65	18.94	20.42
	12H	14.61	14.87	15.73	15.97	17.50	17.63	17.89	18.75	18.99	20.52
12H	4H	14.33	14.70	15.43	15.80	17.27	16.91	17.27	18.01	18.37	19.85
	6H	14.65	14.94	15.76	16.05	17.54	17.38	17.67	18.49	18.78	20.27
	8H	14.71	14.97	15.83	16.08	17.60	17.54	17.79	18.65	18.90	20.43