

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: P935145

Luminaire Tested: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935145
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-92765-1D-UNV-STD-W-8-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

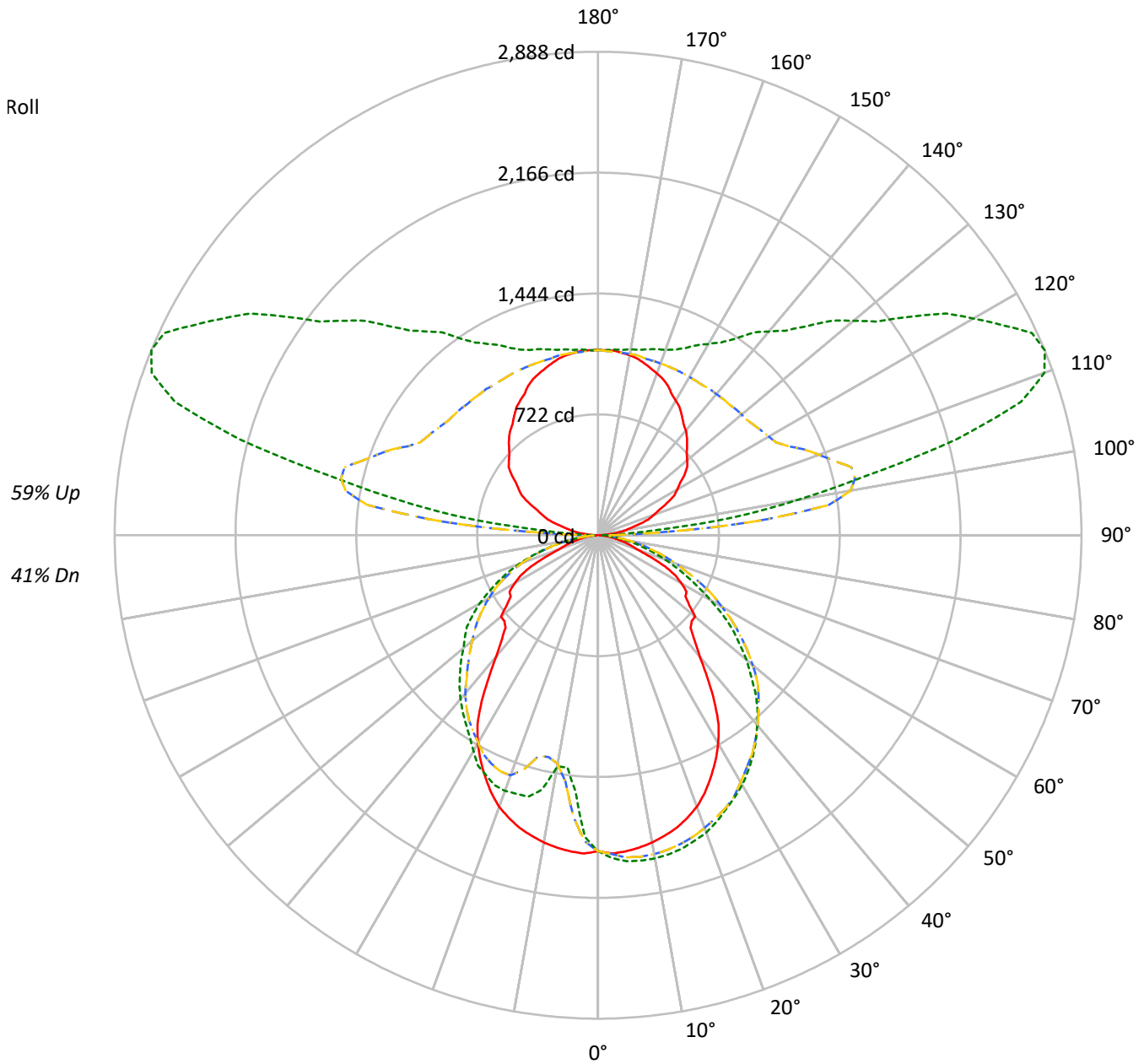
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12069.1 lumens
Efficiency: N/A
Efficacy: 122.7 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°	8754	8754	8754	8754
5°	8820	8837	8820	6949
10°	8761	8705	8761	6223
15°	8665	8517	8665	7111
20°	8484	8293	8484	7126
25°	8113	7967	8113	6975
30°	7634	7697	7634	6644
35°	6806	7355	6806	6279
40°	5671	6952	5671	6004
45°	5067	6480	5067	5687
50°	5383	5917	5383	5370
55°	5065	5312	5065	5186
60°	5221	4512	5221	4750
65°	4733	3729	4733	4169
70°	3277	2972	3277	3495
75°	2874	2197	2874	2631
80°	2315	1453	2315	1582
85°	1332	769	1332	654

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7766 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.3	1.4
10°-20°	483.6	4.0
20°-30°	747.6	6.2
30°-40°	892.4	7.4
40°-50°	897.7	7.4
50°-60°	781.1	6.5
60°-70°	553.8	4.6
70°-80°	293.0	2.4
80°-90°	77.2	0.6
90°-100°	539.3	4.5
100°-110°	1417.9	11.7
110°-120°	1470.2	12.2
120°-130°	1179.3	9.8
130°-140°	925.3	7.7
140°-150°	710.2	5.9
150°-160°	511.5	4.2
160°-170°	313.0	2.6
170°-180°	105.7	0.9
0°-30°	1401.5	11.6
0°-40°	2293.9	19.0
0°-60°	3972.7	32.9
0°-90°	4896.7	40.6
90°-120°	3427.5	28.4
90°-150°	6242.3	51.7
90°-180°	7172.0	59.4
0°-180°	12069.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1887	1887	1887	1887	1887	
5°	1896	1955	1896	1537	1896	180
15°	1810	1937	1810	1617	1810	509
25°	1594	1807	1594	1582	1594	732
35°	1212	1612	1212	1376	1212	750
45°	782	1328	782	1166	782	626
55°	637	980	637	957	637	586
65°	443	591	443	660	443	423
75°	168	280	168	336	168	176
85°	29	71	29	61	29	39
90°	7	28	7	28	7	7
95°	71	326	71	326	71	79
105°	256	2220	256	2220	256	271
115°	454	2859	454	2859	454	448
125°	631	2277	631	2277	631	560
135°	752	1767	752	1767	752	582
145°	872	1433	872	1433	872	547
155°	986	1234	986	1234	986	453
165°	1064	1150	1064	1150	1064	300
175°	1106	1114	1106	1114	1106	105
180°	1106	1106	1106	1106	1106	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9
2.5°	1903.0	1903.0	1913.7	1917.3	1917.3	1911.9	1906.5	1911.9	1928.0	1933.3	1931.5
5°	1895.8	1910.1	1929.8	1933.3	1936.9	1935.1	1931.5	1935.1	1953.0	1956.5	1958.3
7.5°	1881.6	1908.3	1933.3	1938.7	1944.0	1938.7	1936.9	1940.5	1958.3	1961.9	1961.9
10°	1863.7	1901.2	1929.8	1933.3	1938.7	1933.3	1933.3	1940.5	1958.3	1961.9	1963.7
12.5°	1838.7	1890.5	1917.3	1920.8	1928.0	1926.2	1924.4	1931.5	1949.4	1953.0	1953.0
15°	1810.1	1870.8	1895.8	1899.4	1911.9	1908.3	1908.3	1915.5	1935.1	1940.5	1938.7
17.5°	1770.9	1845.8	1874.4	1879.8	1888.7	1886.9	1888.7	1895.8	1913.7	1917.3	1919.0
20°	1726.2	1811.9	1845.8	1851.2	1860.1	1860.1	1860.1	1869.1	1886.9	1894.1	1894.1
22.5°	1665.5	1776.2	1811.9	1815.5	1826.2	1826.2	1829.8	1842.3	1858.3	1860.1	1860.1
25°	1594.1	1736.9	1767.3	1778.0	1788.7	1794.1	1799.4	1806.6	1811.9	1810.1	1811.9
27.5°	1519.1	1687.0	1726.2	1733.4	1747.7	1753.0	1760.2	1761.9	1763.7	1769.1	1765.5
30°	1435.2	1617.3	1676.3	1683.4	1706.6	1710.2	1703.0	1706.6	1715.5	1719.1	1722.7
32.5°	1340.6	1513.8	1624.5	1640.5	1662.0	1651.3	1649.5	1654.8	1669.1	1669.1	1672.7
35°	1212.1	1433.5	1576.3	1590.6	1606.6	1594.1	1601.3	1603.1	1612.0	1617.3	1615.6
37.5°	1071.1	1363.8	1526.3	1537.0	1549.5	1533.4	1544.1	1549.5	1556.6	1553.1	1553.1
40°	946.2	1254.9	1467.4	1474.5	1485.2	1472.7	1483.4	1487.0	1490.6	1487.0	1485.2
42.5°	853.3	1135.3	1404.9	1413.8	1406.7	1415.6	1419.2	1426.3	1421.0	1413.8	1413.8
45°	781.9	1103.2	1337.1	1347.8	1337.1	1351.3	1356.7	1356.7	1340.6	1337.1	1335.3
47.5°	758.7	1039.0	1269.2	1269.2	1263.9	1281.7	1290.6	1278.1	1262.1	1256.7	1256.7
50°	756.9	967.6	1176.4	1169.2	1194.2	1215.7	1206.7	1194.2	1181.7	1162.1	1162.1
52.5°	687.3	880.1	1056.9	1083.6	1122.8	1135.3	1121.0	1108.5	1087.1	1078.2	1071.1
55°	637.3	789.1	948.0	1001.5	1042.6	1058.6	1031.9	1019.4	987.2	981.9	978.3
57.5°	626.6	657.0	848.0	915.8	965.8	964.0	948.0	924.8	898.0	892.6	890.8
60°	574.8	474.9	740.9	821.2	873.0	867.6	853.3	831.9	806.9	803.4	799.8
62.5°	521.3	344.6	619.5	710.5	783.7	781.9	769.4	737.3	719.5	710.5	703.4
65°	442.7	289.2	441.0	590.9	696.2	699.8	673.0	649.8	630.2	619.5	617.7
67.5°	337.4	235.7	298.1	492.7	612.3	608.8	574.8	564.1	539.1	533.8	523.1
70°	249.9	157.1	207.1	399.9	530.2	521.3	494.5	482.0	458.8	446.3	439.2
72.5°	207.1	126.8	151.7	310.6	446.3	435.6	412.4	398.1	378.5	367.8	360.6
75°	167.8	133.9	116.0	230.3	362.4	355.3	333.8	319.6	303.5	289.2	291.0
77.5°	123.2	125.0	92.8	169.6	287.4	276.7	264.2	246.4	239.2	224.9	224.9
80°	92.8	98.2	69.6	116.0	207.1	207.1	196.4	183.9	171.4	164.2	164.2
82.5°	62.5	62.5	51.8	73.2	141.0	135.7	128.5	125.0	117.8	114.3	114.3
85°	28.6	35.7	32.1	44.6	76.8	80.3	80.3	76.8	75.0	71.4	73.2
87.5°	8.9	16.1	19.6	25.0	39.3	41.1	42.8	42.8	42.8	44.6	44.6
90°	7.4	13.4	19.3	20.8	32.7	48.5	56.4	50.2	37.6	28.2	28.2
92.5°	29.7	80.2	130.8	143.4	201.5	279.0	317.8	278.5	200.0	141.1	135.5
95°	71.3	163.7	256.1	279.2	495.8	784.5	928.9	829.0	628.9	479.0	462.0
97.5°	123.3	204.8	286.4	306.7	667.9	1149.3	1390.1	1326.9	1200.5	1105.7	1073.4
100°	163.3	237.3	311.3	329.7	730.4	1264.8	1531.9	1536.6	1545.8	1552.7	1514.2
102.5°	197.5	266.4	335.4	352.7	759.1	1301.0	1572.0	1652.5	1813.6	1934.4	1901.4
105°	255.5	313.8	372.2	386.9	780.4	1305.2	1567.5	1748.0	2109.1	2379.9	2362.1
107.5°	314.8	369.3	423.7	437.4	784.4	1247.1	1478.4	1730.3	2233.9	2611.5	2615.8
110°	354.9	404.1	453.3	465.6	778.5	1195.6	1404.2	1685.7	2248.7	2671.0	2689.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	394.3	441.1	488.1	499.8	778.7	1150.7	1336.6	1624.7	2200.9	2633.1	2661.5
115°	453.7	496.9	540.2	551.0	785.9	1099.1	1255.6	1533.3	2088.4	2504.7	2544.1
117.5°	512.4	551.6	590.9	600.7	800.5	1066.8	1199.9	1450.4	1951.4	2327.1	2370.8
120°	546.6	583.5	620.5	629.7	812.4	1056.0	1177.7	1406.6	1864.3	2207.6	2250.0
122.5°	579.9	617.2	654.6	663.8	829.4	1050.2	1160.6	1366.7	1778.9	2088.1	2130.0
125°	631.2	665.2	699.2	707.7	852.5	1045.5	1142.0	1317.2	1667.3	1929.9	1968.5
127.5°	672.8	707.0	741.4	750.0	875.5	1042.8	1126.5	1276.8	1577.4	1802.9	1835.4
130°	695.0	731.9	768.9	778.2	892.3	1044.5	1120.5	1254.3	1522.0	1722.8	1752.7
132.5°	718.0	755.0	791.9	801.2	905.9	1045.5	1115.3	1235.1	1474.7	1654.4	1681.2
135°	752.2	785.9	819.6	828.0	920.8	1044.5	1106.4	1206.7	1407.4	1557.9	1581.1
137.5°	787.1	820.4	853.8	862.1	943.1	1051.0	1104.9	1189.7	1359.4	1486.6	1505.6
140°	816.0	846.7	877.4	885.1	956.6	1052.0	1099.7	1173.0	1319.6	1429.4	1447.2
142.5°	838.3	866.7	895.1	902.2	968.0	1055.8	1099.7	1164.1	1292.8	1389.4	1404.6
145°	872.5	897.3	922.1	928.2	983.0	1055.9	1092.3	1145.0	1250.2	1329.2	1340.7
147.5°	906.6	930.7	954.8	960.9	1004.7	1063.1	1092.3	1133.7	1216.6	1278.7	1288.2
150°	928.9	950.7	972.5	978.0	1016.1	1066.9	1092.3	1127.3	1197.3	1249.8	1257.5
152.5°	952.0	968.5	985.0	989.1	1023.5	1069.4	1092.3	1122.2	1181.9	1226.7	1232.6
155°	986.1	998.3	1010.5	1013.6	1039.8	1074.8	1092.3	1116.0	1163.6	1199.2	1203.1
157.5°	1011.3	1023.2	1035.2	1038.1	1056.1	1080.2	1092.3	1110.8	1147.7	1175.5	1178.2
160°	1028.5	1037.8	1047.0	1049.3	1063.6	1082.7	1092.3	1108.2	1139.9	1163.6	1165.2
162.5°	1045.5	1052.5	1059.5	1061.1	1071.5	1085.3	1092.3	1105.7	1132.4	1152.5	1154.0
165°	1064.1	1070.3	1076.6	1078.2	1082.9	1089.2	1092.3	1101.9	1121.0	1135.4	1137.0
167.5°	1081.1	1084.1	1087.1	1087.8	1091.8	1097.0	1099.7	1106.0	1118.5	1127.9	1128.5
170°	1092.3	1095.2	1098.3	1099.0	1099.3	1099.5	1099.7	1106.0	1118.5	1127.9	1127.9
172.5°	1098.3	1098.9	1099.5	1099.7	1099.7	1099.7	1099.7	1104.7	1114.6	1122.0	1121.5
175°	1106.4	1106.4	1106.4	1106.4	1104.2	1101.2	1099.7	1102.8	1109.1	1113.8	1113.8
177.5°	1106.4	1106.4	1106.4	1106.4	1104.7	1102.4	1101.2	1103.7	1108.6	1112.4	1111.8
180°	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9
2.5°	1935.1	1929.8	1935.1	1931.5	1933.3	1928.0	1911.9	1906.5	1911.9	1917.3	1917.3
5°	1958.3	1954.7	1958.3	1958.3	1956.5	1953.0	1935.1	1931.5	1935.1	1936.9	1933.3
7.5°	1965.5	1960.1	1965.5	1961.9	1961.9	1958.3	1940.5	1936.9	1938.7	1944.0	1938.7
10°	1965.5	1960.1	1965.5	1963.7	1961.9	1958.3	1940.5	1933.3	1933.3	1938.7	1933.3
12.5°	1956.5	1953.0	1956.5	1953.0	1953.0	1949.4	1931.5	1924.4	1926.2	1928.0	1920.8
15°	1942.3	1936.9	1942.3	1938.7	1940.5	1935.1	1915.5	1908.3	1908.3	1911.9	1899.4
17.5°	1920.8	1913.7	1920.8	1919.0	1917.3	1913.7	1895.8	1888.7	1886.9	1888.7	1879.8
20°	1895.8	1890.5	1895.8	1894.1	1894.1	1886.9	1869.1	1860.1	1860.1	1860.1	1851.2
22.5°	1856.6	1851.2	1856.6	1860.1	1860.1	1858.3	1842.3	1829.8	1826.2	1826.2	1815.5
25°	1811.9	1806.6	1811.9	1811.9	1810.1	1811.9	1806.6	1799.4	1794.1	1788.7	1778.0
27.5°	1769.1	1765.5	1769.1	1765.5	1769.1	1763.7	1761.9	1760.2	1753.0	1747.7	1733.4
30°	1726.2	1722.7	1726.2	1722.7	1719.1	1715.5	1706.6	1703.0	1710.2	1706.6	1683.4
32.5°	1672.7	1669.1	1672.7	1672.7	1669.1	1669.1	1654.8	1649.5	1651.3	1662.0	1640.5
35°	1617.3	1612.0	1617.3	1615.6	1617.3	1612.0	1603.1	1601.3	1594.1	1606.6	1590.6
37.5°	1553.1	1547.7	1553.1	1553.1	1553.1	1556.6	1549.5	1544.1	1533.4	1549.5	1537.0
40°	1487.0	1479.9	1487.0	1485.2	1487.0	1490.6	1487.0	1483.4	1472.7	1485.2	1474.5
42.5°	1412.0	1410.3	1412.0	1413.8	1413.8	1421.0	1426.3	1419.2	1415.6	1406.7	1413.8
45°	1331.7	1328.1	1331.7	1335.3	1337.1	1340.6	1356.7	1356.7	1351.3	1337.1	1347.8
47.5°	1246.0	1237.1	1246.0	1256.7	1256.7	1262.1	1278.1	1290.6	1281.7	1263.9	1269.2
50°	1155.0	1156.7	1155.0	1162.1	1162.1	1181.7	1194.2	1206.7	1215.7	1194.2	1169.2
52.5°	1065.7	1064.0	1065.7	1071.1	1078.2	1087.1	1108.5	1121.0	1135.3	1122.8	1083.6
55°	976.5	980.1	976.5	978.3	981.9	987.2	1019.4	1031.9	1058.6	1042.6	1001.5
57.5°	887.3	881.9	887.3	890.8	892.6	898.0	924.8	948.0	964.0	965.8	915.8
60°	783.7	776.6	783.7	799.8	803.4	806.9	831.9	853.3	867.6	873.0	821.2
62.5°	692.7	680.2	692.7	703.4	710.5	719.5	737.3	769.4	781.9	783.7	710.5
65°	596.3	590.9	596.3	617.7	619.5	630.2	649.8	673.0	699.8	696.2	590.9
67.5°	508.8	508.8	508.8	523.1	533.8	539.1	564.1	574.8	608.8	612.3	492.7
70°	428.5	426.7	428.5	439.2	446.3	458.8	482.0	494.5	521.3	530.2	399.9
72.5°	351.7	349.9	351.7	360.6	367.8	378.5	398.1	412.4	435.6	446.3	310.6
75°	283.9	280.3	283.9	291.0	289.2	303.5	319.6	333.8	355.3	362.4	230.3
77.5°	217.8	217.8	217.8	224.9	224.9	239.2	246.4	264.2	276.7	287.4	169.6
80°	162.5	160.7	162.5	164.2	164.2	171.4	183.9	196.4	207.1	207.1	116.0
82.5°	114.3	110.7	114.3	114.3	114.3	117.8	125.0	128.5	135.7	141.0	73.2
85°	71.4	71.4	71.4	73.2	71.4	75.0	76.8	80.3	80.3	76.8	44.6
87.5°	46.4	44.6	46.4	44.6	44.6	42.8	42.8	42.8	41.1	39.3	25.0
90°	28.2	28.2	28.2	28.2	28.2	37.6	50.2	56.4	48.5	32.7	20.8
92.5°	113.1	90.6	113.1	135.5	141.1	200.0	278.5	317.8	279.0	201.5	143.4
95°	394.0	326.0	394.0	462.0	479.0	628.9	829.0	928.9	784.5	495.8	279.2
97.5°	943.9	814.6	943.9	1073.4	1105.7	1200.5	1326.9	1390.1	1149.3	667.9	306.7
100°	1360.1	1205.9	1360.1	1514.2	1552.7	1545.8	1536.6	1531.9	1264.8	730.4	329.7
102.5°	1769.4	1637.3	1769.4	1901.4	1934.4	1813.6	1652.5	1572.0	1301.0	759.1	352.7
105°	2291.2	2220.2	2291.2	2362.1	2379.9	2109.1	1748.0	1567.5	1305.2	780.4	386.9
107.5°	2633.1	2650.2	2633.1	2615.8	2611.5	2233.9	1730.3	1478.4	1247.1	784.4	437.4
110°	2763.4	2837.3	2763.4	2689.5	2671.0	2248.7	1685.7	1404.2	1195.6	778.5	465.6



TEST NUMBER: P935145

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2775.0	2888.5	2775.0	2661.5	2633.1	2200.9	1624.7	1336.6	1150.7	778.7	499.8
115°	2701.4	2858.9	2701.4	2544.1	2504.7	2088.4	1533.3	1255.6	1099.1	785.9	551.0
117.5°	2545.4	2720.0	2545.4	2370.8	2327.1	1951.4	1450.4	1199.9	1066.8	800.5	600.7
120°	2419.7	2589.3	2419.7	2250.0	2207.6	1864.3	1406.6	1177.7	1056.0	812.4	629.7
122.5°	2297.2	2464.5	2297.2	2130.0	2088.1	1778.9	1366.7	1160.6	1050.2	829.4	663.8
125°	2122.6	2276.7	2122.6	1968.5	1929.9	1667.3	1317.2	1142.0	1045.5	852.5	707.7
127.5°	1965.5	2095.5	1965.5	1835.4	1802.9	1577.4	1276.8	1126.5	1042.8	875.5	750.0
130°	1872.9	1993.0	1872.9	1752.7	1722.8	1522.0	1254.3	1120.5	1044.5	892.3	778.2
132.5°	1788.9	1896.5	1788.9	1681.2	1654.4	1474.7	1235.1	1115.3	1045.5	905.9	801.2
135°	1673.8	1766.6	1673.8	1581.1	1557.9	1407.4	1206.7	1106.4	1044.5	920.8	828.0
137.5°	1581.5	1657.4	1581.5	1505.6	1486.6	1359.4	1189.7	1104.9	1051.0	943.1	862.1
140°	1518.1	1589.0	1518.1	1447.2	1429.4	1319.6	1173.0	1099.7	1052.0	956.6	885.1
142.5°	1465.7	1526.7	1465.7	1404.6	1389.4	1292.8	1164.1	1099.7	1055.8	968.0	902.2
145°	1387.0	1433.1	1387.0	1340.7	1329.2	1250.2	1145.0	1092.3	1055.9	983.0	928.2
147.5°	1326.5	1364.8	1326.5	1288.2	1278.7	1216.6	1133.7	1092.3	1063.1	1004.7	960.9
150°	1288.5	1319.6	1288.5	1257.5	1249.8	1197.3	1127.3	1092.3	1066.9	1016.1	978.0
152.5°	1256.0	1279.4	1256.0	1232.6	1226.7	1181.9	1122.2	1092.3	1069.4	1023.5	989.1
155°	1218.6	1234.1	1218.6	1203.1	1199.2	1163.6	1116.0	1092.3	1074.8	1039.8	1013.6
157.5°	1189.1	1199.9	1189.1	1178.2	1175.5	1147.7	1110.8	1092.3	1080.2	1056.1	1038.1
160°	1171.5	1177.7	1171.5	1165.2	1163.6	1139.9	1108.2	1092.3	1082.7	1063.6	1049.3
162.5°	1159.9	1165.9	1159.9	1154.0	1152.5	1132.4	1105.7	1092.3	1085.3	1071.5	1061.1
165°	1143.3	1149.5	1143.3	1137.0	1135.4	1121.0	1101.9	1092.3	1089.2	1082.9	1078.2
167.5°	1131.2	1133.9	1131.2	1128.5	1127.9	1118.5	1106.0	1099.7	1097.0	1091.8	1087.8
170°	1127.9	1127.9	1127.9	1127.9	1127.9	1118.5	1106.0	1099.7	1099.5	1099.3	1099.0
172.5°	1119.2	1116.8	1119.2	1121.5	1122.0	1114.6	1104.7	1099.7	1099.7	1099.7	1099.7
175°	1113.8	1113.8	1113.8	1113.8	1113.8	1109.1	1102.8	1099.7	1101.2	1104.2	1106.4
177.5°	1109.1	1106.4	1109.1	1111.8	1112.4	1108.6	1103.7	1101.2	1102.4	1104.7	1106.4
180°	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4



TEST NUMBER: P935145

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9
2.5°	1913.7	1903.0	1903.0	1885.1	1878.0	1872.6	1863.7	1836.9	1829.8	1822.6	1833.4
5°	1929.8	1910.1	1895.8	1863.7	1836.9	1826.2	1792.3	1728.0	1685.2	1653.0	1635.2
7.5°	1933.3	1908.3	1881.6	1831.6	1767.3	1738.7	1635.2	1517.4	1485.2	1456.7	1438.8
10°	1929.8	1901.2	1863.7	1788.7	1637.0	1587.0	1483.4	1406.7	1387.0	1381.7	1387.0
12.5°	1917.3	1890.5	1838.7	1713.7	1501.3	1467.4	1406.7	1362.0	1358.5	1367.4	1415.6
15°	1895.8	1870.8	1810.1	1613.8	1426.3	1401.3	1358.5	1342.4	1362.0	1424.5	1569.1
17.5°	1874.4	1845.8	1770.9	1515.6	1369.2	1351.3	1321.0	1353.1	1463.8	1547.7	1595.9
20°	1845.8	1811.9	1726.2	1444.2	1328.1	1312.1	1297.8	1442.4	1526.3	1556.6	1583.4
22.5°	1811.9	1776.2	1665.5	1394.2	1285.3	1272.8	1281.7	1492.4	1526.3	1547.7	1570.9
25°	1767.3	1736.9	1594.1	1354.9	1251.4	1237.1	1271.0	1487.0	1506.7	1512.0	1558.4
27.5°	1726.2	1687.0	1519.1	1319.2	1210.3	1204.9	1279.9	1463.8	1478.1	1483.4	1533.4
30°	1676.3	1617.3	1435.2	1281.7	1167.5	1165.7	1281.7	1435.2	1431.7	1446.0	1495.9
32.5°	1624.5	1513.8	1340.6	1235.3	1126.4	1124.6	1269.2	1392.4	1388.8	1408.5	1446.0
35°	1576.3	1433.5	1212.1	1181.7	1074.6	1076.4	1238.9	1342.4	1344.2	1362.0	1385.3
37.5°	1526.3	1363.8	1071.1	1122.8	1024.7	1024.7	1197.8	1296.0	1292.4	1297.8	1329.9
40°	1467.4	1254.9	946.2	1046.2	978.3	973.0	1147.8	1246.0	1233.5	1231.7	1276.4
42.5°	1404.9	1135.3	853.3	944.4	924.8	917.6	1087.1	1185.3	1162.1	1167.5	1224.6
45°	1337.1	1103.2	781.9	798.0	869.4	864.1	1021.2	1115.7	1099.6	1113.9	1172.8
47.5°	1269.2	1039.0	758.7	662.3	810.5	808.7	948.0	1047.9	1039.0	1053.3	1115.7
50°	1176.4	967.6	756.9	567.7	744.4	751.6	860.5	981.9	981.9	994.4	1060.4
52.5°	1056.9	880.1	687.3	514.1	667.7	689.1	783.7	924.8	928.3	940.8	999.7
55°	948.0	789.1	637.3	473.1	576.6	623.0	708.7	865.8	873.0	885.5	939.0
57.5°	848.0	657.0	626.6	424.9	492.7	537.4	642.7	808.7	812.3	823.0	874.8
60°	740.9	474.9	574.8	373.1	419.5	453.5	582.0	740.9	753.4	760.5	805.1
62.5°	619.5	344.6	521.3	337.4	383.8	391.0	532.0	676.6	692.7	698.0	724.8
65°	441.0	289.2	442.7	307.1	346.3	348.1	478.4	610.6	624.8	633.8	653.4
67.5°	298.1	235.7	337.4	278.5	317.8	319.6	426.7	533.8	553.4	560.6	573.1
70°	207.1	157.1	249.9	248.1	285.6	289.2	371.3	464.2	482.0	487.4	494.5
72.5°	151.7	126.8	207.1	223.2	251.7	255.3	314.2	385.6	403.5	408.8	412.4
75°	116.0	133.9	167.8	194.6	214.2	216.0	257.1	314.2	326.7	330.3	332.1
77.5°	92.8	125.0	123.2	157.1	175.0	171.4	201.7	242.8	253.5	253.5	253.5
80°	69.6	98.2	92.8	112.5	128.5	125.0	144.6	173.2	176.7	180.3	178.5
82.5°	51.8	62.5	62.5	71.4	85.7	82.1	96.4	112.5	112.5	112.5	116.0
85°	32.1	35.7	28.6	37.5	48.2	46.4	53.6	60.7	62.5	62.5	58.9
87.5°	19.6	16.1	8.9	14.3	21.4	21.4	25.0	26.8	25.0	25.0	25.0
90°	19.3	13.4	7.4	13.4	19.3	20.8	32.7	48.5	56.4	50.2	37.6
92.5°	130.8	80.2	29.7	80.2	130.8	143.4	201.5	279.0	317.8	278.5	200.0
95°	256.1	163.7	71.3	163.7	256.1	279.2	495.8	784.5	928.9	829.0	628.9
97.5°	286.4	204.8	123.3	204.8	286.4	306.7	667.9	1149.3	1390.1	1326.9	1200.5
100°	311.3	237.3	163.3	237.3	311.3	329.7	730.4	1264.8	1531.9	1536.6	1545.8
102.5°	335.4	266.4	197.5	266.4	335.4	352.7	759.1	1301.0	1572.0	1652.5	1813.6
105°	372.2	313.8	255.5	313.8	372.2	386.9	780.4	1305.2	1567.5	1748.0	2109.1
107.5°	423.7	369.3	314.8	369.3	423.7	437.4	784.4	1247.1	1478.4	1730.3	2233.9
110°	453.3	404.1	354.9	404.1	453.3	465.6	778.5	1195.6	1404.2	1685.7	2248.7



TEST NUMBER: P935145

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	488.1	441.1	394.3	441.1	488.1	499.8	778.7	1150.7	1336.6	1624.7	2200.9
115°	540.2	496.9	453.7	496.9	540.2	551.0	785.9	1099.1	1255.6	1533.3	2088.4
117.5°	590.9	551.6	512.4	551.6	590.9	600.7	800.5	1066.8	1199.9	1450.4	1951.4
120°	620.5	583.5	546.6	583.5	620.5	629.7	812.4	1056.0	1177.7	1406.6	1864.3
122.5°	654.6	617.2	579.9	617.2	654.6	663.8	829.4	1050.2	1160.6	1366.7	1778.9
125°	699.2	665.2	631.2	665.2	699.2	707.7	852.5	1045.5	1142.0	1317.2	1667.3
127.5°	741.4	707.0	672.8	707.0	741.4	750.0	875.5	1042.8	1126.5	1276.8	1577.4
130°	768.9	731.9	695.0	731.9	768.9	778.2	892.3	1044.5	1120.5	1254.3	1522.0
132.5°	791.9	755.0	718.0	755.0	791.9	801.2	905.9	1045.5	1115.3	1235.1	1474.7
135°	819.6	785.9	752.2	785.9	819.6	828.0	920.8	1044.5	1106.4	1206.7	1407.4
137.5°	853.8	820.4	787.1	820.4	853.8	862.1	943.1	1051.0	1104.9	1189.7	1359.4
140°	877.4	846.7	816.0	846.7	877.4	885.1	956.6	1052.0	1099.7	1173.0	1319.6
142.5°	895.1	866.7	838.3	866.7	895.1	902.2	968.0	1055.8	1099.7	1164.1	1292.8
145°	922.1	897.3	872.5	897.3	922.1	928.2	983.0	1055.9	1092.3	1145.0	1250.2
147.5°	954.8	930.7	906.6	930.7	954.8	960.9	1004.7	1063.1	1092.3	1133.7	1216.6
150°	972.5	950.7	928.9	950.7	972.5	978.0	1016.1	1066.9	1092.3	1127.3	1197.3
152.5°	985.0	968.5	952.0	968.5	985.0	989.1	1023.5	1069.4	1092.3	1122.2	1181.9
155°	1010.5	998.3	986.1	998.3	1010.5	1013.6	1039.8	1074.8	1092.3	1116.0	1163.6
157.5°	1035.2	1023.2	1011.3	1023.2	1035.2	1038.1	1056.1	1080.2	1092.3	1110.8	1147.7
160°	1047.0	1037.8	1028.5	1037.8	1047.0	1049.3	1063.6	1082.7	1092.3	1108.2	1139.9
162.5°	1059.5	1052.5	1045.5	1052.5	1059.5	1061.1	1071.5	1085.3	1092.3	1105.7	1132.4
165°	1076.6	1070.3	1064.1	1070.3	1076.6	1078.2	1082.9	1089.2	1092.3	1101.9	1121.0
167.5°	1087.1	1084.1	1081.1	1084.1	1087.1	1087.8	1091.8	1097.0	1099.7	1106.0	1118.5
170°	1098.3	1095.2	1092.3	1095.2	1098.3	1099.0	1099.3	1099.5	1099.7	1106.0	1118.5
172.5°	1099.5	1098.9	1098.3	1098.9	1099.5	1099.7	1099.7	1099.7	1099.7	1104.7	1114.6
175°	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1104.2	1101.2	1099.7	1102.8	1109.1
177.5°	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1104.7	1102.4	1101.2	1103.7	1108.6
180°	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4



TEST NUMBER: P935145

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9	1886.9
2.5°	1820.9	1815.5	1822.6	1803.0	1822.6	1815.5	1820.9	1833.4	1822.6	1829.8	1836.9
5°	1597.7	1588.8	1560.2	1537.0	1560.2	1588.8	1597.7	1635.2	1653.0	1685.2	1728.0
7.5°	1428.1	1421.0	1413.8	1399.5	1413.8	1421.0	1428.1	1438.8	1456.7	1485.2	1517.4
10°	1390.6	1392.4	1403.1	1401.3	1403.1	1392.4	1390.6	1387.0	1381.7	1387.0	1406.7
12.5°	1487.0	1503.1	1562.0	1558.4	1562.0	1503.1	1487.0	1415.6	1367.4	1358.5	1362.0
15°	1597.7	1603.1	1615.6	1617.3	1615.6	1603.1	1597.7	1569.1	1424.5	1362.0	1342.4
17.5°	1608.4	1610.2	1619.1	1619.1	1619.1	1610.2	1608.4	1595.9	1547.7	1463.8	1353.1
20°	1599.5	1603.1	1620.9	1624.5	1620.9	1603.1	1599.5	1583.4	1556.6	1526.3	1442.4
22.5°	1595.9	1603.1	1617.3	1615.6	1617.3	1603.1	1595.9	1570.9	1547.7	1526.3	1492.4
25°	1578.1	1578.1	1579.8	1581.6	1579.8	1578.1	1578.1	1558.4	1512.0	1506.7	1487.0
27.5°	1540.6	1544.1	1554.9	1553.1	1554.9	1544.1	1540.6	1533.4	1483.4	1478.1	1463.8
30°	1506.7	1503.1	1494.2	1487.0	1494.2	1503.1	1506.7	1495.9	1446.0	1431.7	1435.2
32.5°	1449.5	1440.6	1431.7	1426.3	1431.7	1440.6	1449.5	1446.0	1408.5	1388.8	1392.4
35°	1381.7	1383.5	1381.7	1376.3	1381.7	1383.5	1381.7	1385.3	1362.0	1344.2	1342.4
37.5°	1333.5	1337.1	1335.3	1328.1	1335.3	1337.1	1333.5	1329.9	1297.8	1292.4	1296.0
40°	1283.5	1285.3	1283.5	1278.1	1283.5	1285.3	1283.5	1276.4	1231.7	1233.5	1246.0
42.5°	1235.3	1233.5	1228.2	1224.6	1228.2	1233.5	1235.3	1224.6	1167.5	1162.1	1185.3
45°	1180.0	1181.7	1171.0	1165.7	1171.0	1181.7	1180.0	1172.8	1113.9	1099.6	1115.7
47.5°	1124.6	1124.6	1115.7	1110.3	1115.7	1124.6	1124.6	1115.7	1053.3	1039.0	1047.9
50°	1065.7	1064.0	1051.5	1049.7	1051.5	1064.0	1065.7	1060.4	994.4	981.9	981.9
52.5°	997.9	997.9	999.7	1003.3	999.7	997.9	997.9	999.7	940.8	928.3	924.8
55°	939.0	940.8	953.3	956.9	953.3	940.8	939.0	939.0	885.5	873.0	865.8
57.5°	878.3	878.3	887.3	887.3	887.3	878.3	878.3	874.8	823.0	812.3	808.7
60°	808.7	812.3	819.4	817.6	819.4	812.3	808.7	805.1	760.5	753.4	740.9
62.5°	735.5	739.1	740.9	737.3	740.9	739.1	735.5	724.8	698.0	692.7	676.6
65°	658.8	662.3	664.1	660.5	664.1	662.3	658.8	653.4	633.8	624.8	610.6
67.5°	580.2	578.4	576.6	583.8	576.6	578.4	580.2	573.1	560.6	553.4	533.8
70°	499.9	499.9	498.1	501.7	498.1	499.9	499.9	494.5	487.4	482.0	464.2
72.5°	414.2	412.4	419.5	414.2	419.5	412.4	414.2	412.4	408.8	403.5	385.6
75°	330.3	333.8	330.3	335.6	330.3	333.8	330.3	332.1	330.3	326.7	314.2
77.5°	251.7	255.3	251.7	251.7	251.7	255.3	251.7	253.5	253.5	253.5	242.8
80°	178.5	176.7	176.7	175.0	176.7	176.7	178.5	178.5	180.3	176.7	173.2
82.5°	114.3	112.5	112.5	116.0	112.5	112.5	114.3	116.0	112.5	112.5	112.5
85°	62.5	64.3	60.7	60.7	60.7	64.3	62.5	58.9	62.5	62.5	60.7
87.5°	23.2	21.4	21.4	21.4	21.4	21.4	23.2	25.0	25.0	25.0	26.8
90°	28.2	28.2	28.2	28.2	28.2	28.2	28.2	37.6	50.2	56.4	48.5
92.5°	141.1	135.5	113.1	90.6	113.1	135.5	141.1	200.0	278.5	317.8	279.0
95°	479.0	462.0	394.0	326.0	394.0	462.0	479.0	628.9	829.0	928.9	784.5
97.5°	1105.7	1073.4	943.9	814.6	943.9	1073.4	1105.7	1200.5	1326.9	1390.1	1149.3
100°	1552.7	1514.2	1360.1	1205.9	1360.1	1514.2	1552.7	1545.8	1536.6	1531.9	1264.8
102.5°	1934.4	1901.4	1769.4	1637.3	1769.4	1901.4	1934.4	1813.6	1652.5	1572.0	1301.0
105°	2379.9	2362.1	2291.2	2220.2	2291.2	2362.1	2379.9	2109.1	1748.0	1567.5	1305.2
107.5°	2611.5	2615.8	2633.1	2650.2	2633.1	2615.8	2611.5	2233.9	1730.3	1478.4	1247.1
110°	2671.0	2689.5	2763.4	2837.3	2763.4	2689.5	2671.0	2248.7	1685.7	1404.2	1195.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2633.1	2661.5	2775.0	2888.5	2775.0	2661.5	2633.1	2200.9	1624.7	1336.6	1150.7
115°	2504.7	2544.1	2701.4	2858.9	2701.4	2544.1	2504.7	2088.4	1533.3	1255.6	1099.1
117.5°	2327.1	2370.8	2545.4	2720.0	2545.4	2370.8	2327.1	1951.4	1450.4	1199.9	1066.8
120°	2207.6	2250.0	2419.7	2589.3	2419.7	2250.0	2207.6	1864.3	1406.6	1177.7	1056.0
122.5°	2088.1	2130.0	2297.2	2464.5	2297.2	2130.0	2088.1	1778.9	1366.7	1160.6	1050.2
125°	1929.9	1968.5	2122.6	2276.7	2122.6	1968.5	1929.9	1667.3	1317.2	1142.0	1045.5
127.5°	1802.9	1835.4	1965.5	2095.5	1965.5	1835.4	1802.9	1577.4	1276.8	1126.5	1042.8
130°	1722.8	1752.7	1872.9	1993.0	1872.9	1752.7	1722.8	1522.0	1254.3	1120.5	1044.5
132.5°	1654.4	1681.2	1788.9	1896.5	1788.9	1681.2	1654.4	1474.7	1235.1	1115.3	1045.5
135°	1557.9	1581.1	1673.8	1766.6	1673.8	1581.1	1557.9	1407.4	1206.7	1106.4	1044.5
137.5°	1486.6	1505.6	1581.5	1657.4	1581.5	1505.6	1486.6	1359.4	1189.7	1104.9	1051.0
140°	1429.4	1447.2	1518.1	1589.0	1518.1	1447.2	1429.4	1319.6	1173.0	1099.7	1052.0
142.5°	1389.4	1404.6	1465.7	1526.7	1465.7	1404.6	1389.4	1292.8	1164.1	1099.7	1055.8
145°	1329.2	1340.7	1387.0	1433.1	1387.0	1340.7	1329.2	1250.2	1145.0	1092.3	1055.9
147.5°	1278.7	1288.2	1326.5	1364.8	1326.5	1288.2	1278.7	1216.6	1133.7	1092.3	1063.1
150°	1249.8	1257.5	1288.5	1319.6	1288.5	1257.5	1249.8	1197.3	1127.3	1092.3	1066.9
152.5°	1226.7	1232.6	1256.0	1279.4	1256.0	1232.6	1226.7	1181.9	1122.2	1092.3	1069.4
155°	1199.2	1203.1	1218.6	1234.1	1218.6	1203.1	1199.2	1163.6	1116.0	1092.3	1074.8
157.5°	1175.5	1178.2	1189.1	1199.9	1189.1	1178.2	1175.5	1147.7	1110.8	1092.3	1080.2
160°	1163.6	1165.2	1171.5	1177.7	1171.5	1165.2	1163.6	1139.9	1108.2	1092.3	1082.7
162.5°	1152.5	1154.0	1159.9	1165.9	1159.9	1154.0	1152.5	1132.4	1105.7	1092.3	1085.3
165°	1135.4	1137.0	1143.3	1149.5	1143.3	1137.0	1135.4	1121.0	1101.9	1092.3	1089.2
167.5°	1127.9	1128.5	1131.2	1133.9	1131.2	1128.5	1127.9	1118.5	1106.0	1099.7	1097.0
170°	1127.9	1127.9	1127.9	1127.9	1127.9	1127.9	1127.9	1118.5	1106.0	1099.7	1099.5
172.5°	1122.0	1121.5	1119.2	1116.8	1119.2	1121.5	1122.0	1114.6	1104.7	1099.7	1099.7
175°	1113.8	1113.8	1113.8	1113.8	1113.8	1113.8	1113.8	1109.1	1102.8	1099.7	1101.2
177.5°	1112.4	1111.8	1109.1	1106.4	1109.1	1111.8	1112.4	1108.6	1103.7	1101.2	1102.4
180°	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4	1106.4



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1886.9	1886.9	1886.9	1886.9	1886.9
2.5°	1863.7	1872.6	1878.0	1885.1	1903.0
5°	1792.3	1826.2	1836.9	1863.7	1895.8
7.5°	1635.2	1738.7	1767.3	1831.6	1881.6
10°	1483.4	1587.0	1637.0	1788.7	1863.7
12.5°	1406.7	1467.4	1501.3	1713.7	1838.7
15°	1358.5	1401.3	1426.3	1613.8	1810.1
17.5°	1321.0	1351.3	1369.2	1515.6	1770.9
20°	1297.8	1312.1	1328.1	1444.2	1726.2
22.5°	1281.7	1272.8	1285.3	1394.2	1665.5
25°	1271.0	1237.1	1251.4	1354.9	1594.1
27.5°	1279.9	1204.9	1210.3	1319.2	1519.1
30°	1281.7	1165.7	1167.5	1281.7	1435.2
32.5°	1269.2	1124.6	1126.4	1235.3	1340.6
35°	1238.9	1076.4	1074.6	1181.7	1212.1
37.5°	1197.8	1024.7	1024.7	1122.8	1071.1
40°	1147.8	973.0	978.3	1046.2	946.2
42.5°	1087.1	917.6	924.8	944.4	853.3
45°	1021.2	864.1	869.4	798.0	781.9
47.5°	948.0	808.7	810.5	662.3	758.7
50°	860.5	751.6	744.4	567.7	756.9
52.5°	783.7	689.1	667.7	514.1	687.3
55°	708.7	623.0	576.6	473.1	637.3
57.5°	642.7	537.4	492.7	424.9	626.6
60°	582.0	453.5	419.5	373.1	574.8
62.5°	532.0	391.0	383.8	337.4	521.3
65°	478.4	348.1	346.3	307.1	442.7
67.5°	426.7	319.6	317.8	278.5	337.4
70°	371.3	289.2	285.6	248.1	249.9
72.5°	314.2	255.3	251.7	223.2	207.1
75°	257.1	216.0	214.2	194.6	167.8
77.5°	201.7	171.4	175.0	157.1	123.2
80°	144.6	125.0	128.5	112.5	92.8
82.5°	96.4	82.1	85.7	71.4	62.5
85°	53.6	46.4	48.2	37.5	28.6
87.5°	25.0	21.4	21.4	14.3	8.9
90°	32.7	20.8	19.3	13.4	7.4
92.5°	201.5	143.4	130.8	80.2	29.7
95°	495.8	279.2	256.1	163.7	71.3
97.5°	667.9	306.7	286.4	204.8	123.3
100°	730.4	329.7	311.3	237.3	163.3
102.5°	759.1	352.7	335.4	266.4	197.5
105°	780.4	386.9	372.2	313.8	255.5
107.5°	784.4	437.4	423.7	369.3	314.8
110°	778.5	465.6	453.3	404.1	354.9



TEST NUMBER: P935145

CATALOG NUMBER: SQ4-FA-100U-075D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	778.7	499.8	488.1	441.1	394.3
115°	785.9	551.0	540.2	496.9	453.7
117.5°	800.5	600.7	590.9	551.6	512.4
120°	812.4	629.7	620.5	583.5	546.6
122.5°	829.4	663.8	654.6	617.2	579.9
125°	852.5	707.7	699.2	665.2	631.2
127.5°	875.5	750.0	741.4	707.0	672.8
130°	892.3	778.2	768.9	731.9	695.0
132.5°	905.9	801.2	791.9	755.0	718.0
135°	920.8	828.0	819.6	785.9	752.2
137.5°	943.1	862.1	853.8	820.4	787.1
140°	956.6	885.1	877.4	846.7	816.0
142.5°	968.0	902.2	895.1	866.7	838.3
145°	983.0	928.2	922.1	897.3	872.5
147.5°	1004.7	960.9	954.8	930.7	906.6
150°	1016.1	978.0	972.5	950.7	928.9
152.5°	1023.5	989.1	985.0	968.5	952.0
155°	1039.8	1013.6	1010.5	998.3	986.1
157.5°	1056.1	1038.1	1035.2	1023.2	1011.3
160°	1063.6	1049.3	1047.0	1037.8	1028.5
162.5°	1071.5	1061.1	1059.5	1052.5	1045.5
165°	1082.9	1078.2	1076.6	1070.3	1064.1
167.5°	1091.8	1087.8	1087.1	1084.1	1081.1
170°	1099.3	1099.0	1098.3	1095.2	1092.3
172.5°	1099.7	1099.7	1099.5	1098.9	1098.3
175°	1104.2	1106.4	1106.4	1106.4	1106.4
177.5°	1104.7	1106.4	1106.4	1106.4	1106.4
180°	1106.4	1106.4	1106.4	1106.4	1106.4



TEST NUMBER: P935145
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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	11.41	12.19	12.44	13.23	14.63	14.24	15.03	15.28	16.07	17.47
	3H	11.88	12.58	12.92	13.63	15.05	15.59	16.29	16.63	17.34	18.76
	4H	12.06	12.73	13.12	13.78	15.21	16.03	16.69	17.08	17.74	19.17
	6H	12.18	12.79	13.25	13.85	15.28	16.31	16.92	17.38	17.98	19.42
	8H	12.18	12.76	13.25	13.83	15.27	16.38	16.97	17.45	18.04	19.47
	12H	12.15	12.70	13.22	13.77	15.22	16.42	16.97	17.50	18.04	19.50
4H	2H	12.43	13.09	13.49	14.15	15.57	14.64	15.31	15.71	16.36	17.79
	3H	13.45	14.00	14.52	15.08	16.52	16.14	16.70	17.21	17.78	19.22
	4H	13.72	14.23	14.80	15.30	16.76	16.67	17.18	17.75	18.25	19.71
	6H	13.84	14.28	14.93	15.37	16.83	17.03	17.47	18.12	18.56	20.02
	8H	13.85	14.25	14.93	15.34	16.81	17.14	17.55	18.22	18.63	20.10
	12H	13.81	14.18	14.91	15.28	16.75	17.19	17.56	18.30	18.66	20.14
8H	4H	14.17	14.58	15.26	15.66	17.13	16.79	17.19	17.87	18.28	19.75
	6H	14.43	14.77	15.54	15.89	17.36	17.22	17.56	18.33	18.69	20.15
	8H	14.47	14.77	15.59	15.88	17.36	17.38	17.67	18.49	18.78	20.27
	12H	14.45	14.71	15.57	15.82	17.34	17.47	17.73	18.59	18.84	20.36
12H	4H	14.17	14.54	15.28	15.64	17.12	16.75	17.12	17.85	18.22	19.69
	6H	14.49	14.79	15.61	15.90	17.38	17.22	17.51	18.33	18.62	20.11
	8H	14.55	14.81	15.67	15.92	17.44	17.38	17.64	18.50	18.74	20.27