

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: P935565

Luminaire Tested: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-8-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935565
REPORT IS A COMBINATION OF REPORTS P933760 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-8-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

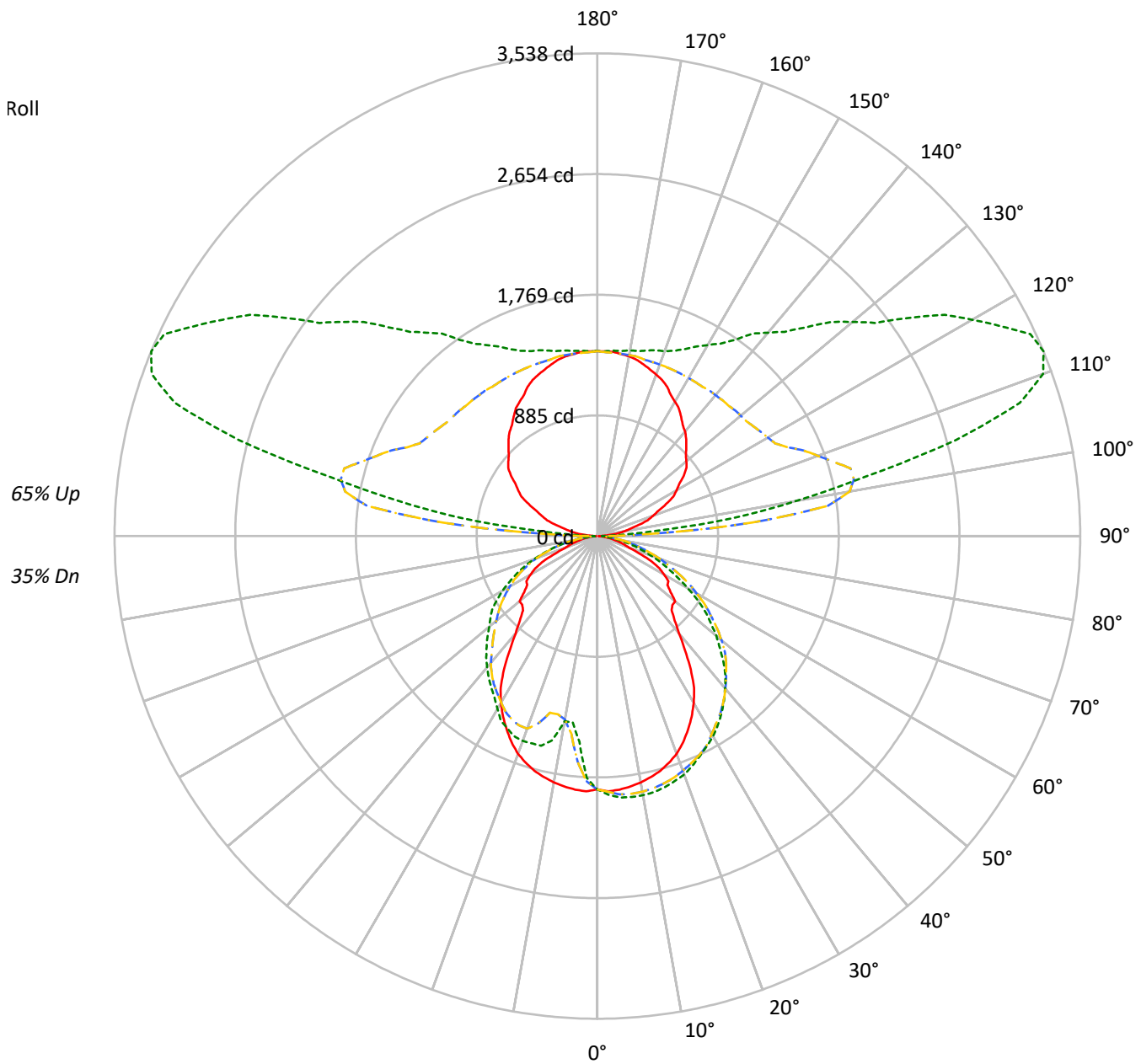
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13604.0 lumens
Efficiency: N/A
Efficacy: 122.3 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: Semi-Indirect

Input Watts (W): 111.2
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	0
RCR																		
0	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36	30
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30	25
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26	21
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22	18
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19	16
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17	14
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15	12
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13	11
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12	10
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11	9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8614	8614	8614	8614
5°	8678	8696	8678	6837
10°	8620	8566	8620	6123
15°	8527	8380	8527	6997
20°	8348	8160	8348	7012
25°	7984	7839	7984	6863
30°	7511	7573	7511	6537
35°	6696	7236	6696	6179
40°	5580	6840	5580	5907
45°	4986	6376	4986	5596
50°	5297	5823	5297	5284
55°	4984	5227	4984	5103
60°	5137	4439	5137	4674
65°	4657	3669	4657	4102
70°	3225	2924	3225	3438
75°	2828	2162	2828	2588
80°	2278	1429	2278	1556
85°	1309	757	1309	643

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7641 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.6	1.2
10°-20°	475.8	3.5
20°-30°	735.6	5.4
30°-40°	878.1	6.5
40°-50°	883.3	6.5
50°-60°	768.6	5.6
60°-70°	544.9	4.0
70°-80°	288.3	2.1
80°-90°	77.0	0.6
90°-100°	660.6	4.9
100°-110°	1736.7	12.8
110°-120°	1800.7	13.2
120°-130°	1444.4	10.6
130°-140°	1133.3	8.3
140°-150°	869.9	6.4
150°-160°	626.5	4.6
160°-170°	383.3	2.8
170°-180°	129.5	1.0
0°-30°	1379.0	10.1
0°-40°	2257.1	16.6
0°-60°	3908.9	28.7
0°-90°	4819.2	35.4
90°-120°	4198.0	30.9
90°-150°	7645.6	56.2
90°-180°	8785.0	64.6
0°-180°	13604.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1857	1857	1857	1857	1857	
5°	1865	1923	1865	1512	1865	177
15°	1781	1906	1781	1591	1781	501
25°	1569	1778	1569	1556	1569	720
35°	1193	1586	1193	1354	1193	738
45°	769	1307	769	1147	769	616
55°	627	964	627	942	627	576
65°	436	581	436	650	436	416
75°	165	276	165	330	165	174
85°	28	70	28	60	28	38
90°	9	34	9	34	9	9
95°	87	399	87	399	87	97
105°	313	2719	313	2719	313	332
115°	556	3502	556	3502	556	549
125°	773	2788	773	2788	773	686
135°	921	2164	921	2164	921	713
145°	1069	1755	1069	1755	1069	669
155°	1208	1512	1208	1512	1208	555
165°	1303	1408	1303	1408	1303	368
175°	1355	1364	1355	1364	1355	129
180°	1355	1355	1355	1355	1355	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6
2.5°	1872.4	1872.4	1883.0	1886.5	1886.5	1881.2	1876.0	1881.2	1897.0	1902.3	1900.6
5°	1865.4	1879.5	1898.8	1902.3	1905.8	1904.1	1900.6	1904.1	1921.6	1925.1	1926.9
7.5°	1851.4	1877.7	1902.3	1907.6	1912.9	1907.6	1905.8	1909.3	1926.9	1930.4	1930.4
10°	1833.8	1870.7	1898.8	1902.3	1907.6	1902.3	1902.3	1909.3	1926.9	1930.4	1932.2
12.5°	1809.2	1860.2	1886.5	1890.0	1897.0	1895.3	1893.5	1900.6	1918.1	1921.6	1921.6
15°	1781.1	1840.8	1865.4	1868.9	1881.2	1877.7	1877.7	1884.7	1904.1	1909.3	1907.6
17.5°	1742.5	1816.2	1844.3	1849.6	1858.4	1856.6	1858.4	1865.4	1883.0	1886.5	1888.3
20°	1698.5	1782.9	1816.2	1821.5	1830.3	1830.3	1830.3	1839.1	1856.6	1863.7	1863.7
22.5°	1638.8	1747.7	1782.9	1786.4	1796.9	1796.9	1800.4	1812.7	1828.5	1830.3	1830.3
25°	1568.6	1709.1	1738.9	1749.5	1760.0	1765.3	1770.6	1777.6	1782.9	1781.1	1782.9
27.5°	1494.8	1659.9	1698.5	1705.6	1719.6	1724.9	1731.9	1733.7	1735.4	1740.7	1737.2
30°	1412.2	1591.4	1649.4	1656.4	1679.2	1682.7	1675.7	1679.2	1688.0	1691.5	1695.0
32.5°	1319.1	1489.5	1598.4	1614.2	1635.3	1624.8	1623.0	1628.3	1642.3	1642.3	1645.8
35°	1192.6	1410.5	1551.0	1565.0	1580.9	1568.6	1575.6	1577.3	1586.1	1591.4	1589.6
37.5°	1053.9	1342.0	1501.8	1512.3	1524.6	1508.8	1519.4	1524.6	1531.7	1528.2	1528.2
40°	931.0	1234.8	1443.8	1450.9	1461.4	1449.1	1459.6	1463.2	1466.7	1463.2	1461.4
42.5°	839.7	1117.1	1382.4	1391.1	1384.1	1392.9	1396.4	1403.4	1398.2	1391.1	1391.1
45°	769.4	1085.5	1315.6	1326.1	1315.6	1329.7	1334.9	1334.9	1319.1	1315.6	1313.9
47.5°	746.6	1022.3	1248.9	1248.9	1243.6	1261.2	1269.9	1257.6	1241.8	1236.6	1236.6
50°	744.8	952.1	1157.5	1150.5	1175.1	1196.2	1187.4	1175.1	1162.8	1143.5	1143.5
52.5°	676.3	866.0	1039.9	1066.2	1104.8	1117.1	1103.1	1090.8	1069.7	1060.9	1053.9
55°	627.1	776.4	932.8	985.5	1025.9	1041.7	1015.3	1003.0	971.4	966.1	962.6
57.5°	616.6	646.4	834.4	901.1	950.3	948.6	932.8	909.9	883.6	878.3	876.5
60°	565.6	467.3	729.0	808.0	859.0	853.7	839.7	818.6	794.0	790.5	787.0
62.5°	512.9	339.0	609.5	699.1	771.1	769.4	757.1	725.5	707.9	699.1	692.1
65°	435.6	284.6	433.9	581.4	685.1	688.6	662.2	639.4	620.1	609.5	607.8
67.5°	332.0	231.9	293.4	484.8	602.5	599.0	565.6	555.1	530.5	525.2	514.7
70°	245.9	154.6	203.8	393.5	521.7	512.9	486.6	474.3	451.4	439.2	432.1
72.5°	203.8	124.7	149.3	305.6	439.2	428.6	405.8	391.7	372.4	361.9	354.8
75°	165.1	131.7	114.2	226.6	356.6	349.6	328.5	314.4	298.6	284.6	286.3
77.5°	121.2	123.0	91.3	166.9	282.8	272.3	260.0	242.4	235.4	221.3	221.3
80°	91.3	96.6	68.5	114.2	203.8	203.8	193.2	180.9	168.6	161.6	161.6
82.5°	61.5	61.5	50.9	72.0	138.8	133.5	126.5	123.0	115.9	112.4	112.4
85°	28.1	35.1	31.6	43.9	75.5	79.0	79.0	75.5	73.8	70.3	72.0
87.5°	8.8	15.8	19.3	24.6	38.6	40.4	42.2	42.2	42.2	43.9	43.9
90°	9.1	16.4	23.6	25.5	40.1	59.5	69.1	61.4	46.0	34.5	34.5
92.5°	36.4	98.2	160.1	175.6	246.8	341.7	389.3	341.1	245.0	172.8	165.9
95°	87.3	200.5	313.7	342.0	607.3	960.9	1137.8	1015.3	770.4	586.6	565.8
97.5°	151.0	250.8	350.7	375.6	818.0	1407.7	1702.6	1625.2	1470.4	1354.3	1314.6
100°	200.1	290.6	381.2	403.8	894.6	1549.1	1876.3	1881.9	1893.3	1901.8	1854.6
102.5°	241.9	326.4	410.9	432.0	929.9	1593.6	1925.4	2024.0	2221.3	2369.2	2328.8
105°	312.9	384.4	455.9	473.8	955.9	1598.6	1920.0	2141.0	2583.3	2914.9	2893.2
107.5°	385.7	452.3	519.0	535.7	960.7	1527.5	1810.8	2119.3	2736.1	3198.7	3204.0
110°	434.8	495.0	555.3	570.3	953.5	1464.4	1719.9	2064.7	2754.3	3271.4	3294.1



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	483.0	540.3	597.8	612.1	953.7	1409.3	1637.1	1990.0	2695.7	3225.0	3259.8
115°	555.7	608.7	661.5	674.8	962.5	1346.2	1538.0	1877.9	2557.8	3067.7	3115.9
117.5°	627.5	675.7	723.7	735.8	980.4	1306.6	1469.7	1776.5	2390.1	2850.4	2903.8
120°	669.4	714.7	759.9	771.2	994.9	1293.3	1442.4	1722.8	2283.4	2703.9	2755.8
122.5°	710.3	756.0	801.6	813.0	1015.8	1286.3	1421.5	1674.0	2178.9	2557.5	2608.7
125°	773.1	814.7	856.3	866.7	1044.0	1280.6	1398.8	1613.3	2042.1	2363.8	2410.9
127.5°	824.0	866.1	908.1	918.6	1072.3	1277.2	1379.7	1563.8	1932.1	2208.2	2248.0
130°	851.2	896.6	941.8	953.1	1092.9	1279.2	1372.4	1536.3	1864.2	2110.0	2146.8
132.5°	879.4	924.8	970.0	981.3	1109.6	1280.6	1366.0	1512.8	1806.2	2026.3	2059.3
135°	921.3	962.5	1003.8	1014.1	1127.7	1279.3	1355.1	1478.0	1723.8	1908.1	1936.5
137.5°	964.0	1004.9	1045.7	1055.9	1155.1	1287.2	1353.3	1457.2	1665.0	1820.8	1844.1
140°	999.5	1037.1	1074.7	1084.1	1171.7	1288.6	1347.0	1436.7	1616.2	1750.8	1772.5
142.5°	1026.8	1061.6	1096.3	1105.0	1185.6	1293.2	1347.0	1425.7	1583.4	1701.6	1720.3
145°	1068.6	1098.9	1129.3	1136.9	1203.9	1293.2	1337.8	1402.3	1531.3	1628.0	1642.2
147.5°	1110.5	1140.0	1169.5	1176.9	1230.6	1302.1	1337.8	1388.6	1490.0	1566.2	1577.9
150°	1137.8	1164.5	1191.2	1197.8	1244.5	1306.7	1337.8	1380.7	1466.4	1530.7	1540.2
152.5°	1165.9	1186.1	1206.3	1211.4	1253.6	1309.7	1337.8	1374.5	1447.6	1502.5	1509.7
155°	1207.8	1222.8	1237.7	1241.5	1273.6	1316.4	1337.8	1367.0	1425.2	1468.9	1473.6
157.5°	1238.8	1253.2	1267.8	1271.4	1293.6	1323.1	1337.8	1360.5	1405.7	1439.7	1443.0
160°	1259.7	1271.0	1282.3	1285.1	1302.7	1326.1	1337.8	1357.2	1396.1	1425.1	1427.1
162.5°	1280.6	1289.0	1297.5	1299.6	1312.4	1329.3	1337.8	1354.2	1386.9	1411.5	1413.4
165°	1303.3	1311.0	1318.7	1320.6	1326.3	1334.0	1337.8	1349.6	1373.0	1390.6	1392.5
167.5°	1324.2	1327.8	1331.5	1332.4	1337.2	1343.7	1347.0	1354.6	1370.0	1381.5	1382.3
170°	1337.8	1341.5	1345.2	1346.1	1346.3	1346.8	1347.0	1354.6	1370.0	1381.5	1381.5
172.5°	1345.1	1345.9	1346.8	1347.0	1347.0	1347.0	1347.0	1353.0	1365.1	1374.3	1373.6
175°	1355.1	1355.1	1355.1	1355.1	1352.4	1348.8	1347.0	1350.8	1358.5	1364.3	1364.3
177.5°	1355.1	1355.1	1355.1	1355.1	1353.0	1350.2	1348.8	1351.8	1357.9	1362.4	1361.6
180°	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6
2.5°	1904.1	1898.8	1904.1	1900.6	1902.3	1897.0	1881.2	1876.0	1881.2	1886.5	1886.5
5°	1926.9	1923.4	1926.9	1926.9	1925.1	1921.6	1904.1	1900.6	1904.1	1905.8	1902.3
7.5°	1933.9	1928.7	1933.9	1930.4	1930.4	1926.9	1909.3	1905.8	1907.6	1912.9	1907.6
10°	1933.9	1928.7	1933.9	1932.2	1930.4	1926.9	1909.3	1902.3	1902.3	1907.6	1902.3
12.5°	1925.1	1921.6	1925.1	1921.6	1921.6	1918.1	1900.6	1893.5	1895.3	1897.0	1890.0
15°	1911.1	1905.8	1911.1	1907.6	1909.3	1904.1	1884.7	1877.7	1877.7	1881.2	1868.9
17.5°	1890.0	1883.0	1890.0	1888.3	1886.5	1883.0	1865.4	1858.4	1856.6	1858.4	1849.6
20°	1865.4	1860.2	1865.4	1863.7	1863.7	1856.6	1839.1	1830.3	1830.3	1830.3	1821.5
22.5°	1826.8	1821.5	1826.8	1830.3	1830.3	1828.5	1812.7	1800.4	1796.9	1796.9	1786.4
25°	1782.9	1777.6	1782.9	1782.9	1781.1	1782.9	1777.6	1770.6	1765.3	1760.0	1749.5
27.5°	1740.7	1737.2	1740.7	1737.2	1740.7	1735.4	1733.7	1731.9	1724.9	1719.6	1705.6
30°	1698.5	1695.0	1698.5	1695.0	1691.5	1688.0	1679.2	1675.7	1682.7	1679.2	1656.4
32.5°	1645.8	1642.3	1645.8	1645.8	1642.3	1642.3	1628.3	1623.0	1624.8	1635.3	1614.2
35°	1591.4	1586.1	1591.4	1589.6	1591.4	1586.1	1577.3	1575.6	1568.6	1580.9	1565.0
37.5°	1528.2	1522.9	1528.2	1528.2	1528.2	1531.7	1524.6	1519.4	1508.8	1524.6	1512.3
40°	1463.2	1456.1	1463.2	1461.4	1463.2	1466.7	1463.2	1459.6	1449.1	1461.4	1450.9
42.5°	1389.4	1387.6	1389.4	1391.1	1391.1	1398.2	1403.4	1396.4	1392.9	1384.1	1391.1
45°	1310.3	1306.8	1310.3	1313.9	1315.6	1319.1	1334.9	1334.9	1329.7	1315.6	1326.1
47.5°	1226.0	1217.2	1226.0	1236.6	1236.6	1241.8	1257.6	1269.9	1261.2	1243.6	1248.9
50°	1136.4	1138.2	1136.4	1143.5	1143.5	1162.8	1175.1	1187.4	1196.2	1175.1	1150.5
52.5°	1048.6	1046.9	1048.6	1053.9	1060.9	1069.7	1090.8	1103.1	1117.1	1104.8	1066.2
55°	960.9	964.4	960.9	962.6	966.1	971.4	1003.0	1015.3	1041.7	1025.9	985.5
57.5°	873.0	867.8	873.0	876.5	878.3	883.6	909.9	932.8	948.6	950.3	901.1
60°	771.1	764.1	771.1	787.0	790.5	794.0	818.6	839.7	853.7	859.0	808.0
62.5°	681.6	669.3	681.6	692.1	699.1	707.9	725.5	757.1	769.4	771.1	699.1
65°	586.7	581.4	586.7	607.8	609.5	620.1	639.4	662.2	688.6	685.1	581.4
67.5°	500.6	500.6	500.6	514.7	525.2	530.5	555.1	565.6	599.0	602.5	484.8
70°	421.6	419.8	421.6	432.1	439.2	451.4	474.3	486.6	512.9	521.7	393.5
72.5°	346.1	344.3	346.1	354.8	361.9	372.4	391.7	405.8	428.6	439.2	305.6
75°	279.3	275.8	279.3	286.3	284.6	298.6	314.4	328.5	349.6	356.6	226.6
77.5°	214.3	214.3	214.3	221.3	221.3	235.4	242.4	260.0	272.3	282.8	166.9
80°	159.9	158.1	159.9	161.6	161.6	168.6	180.9	193.2	203.8	203.8	114.2
82.5°	112.4	108.9	112.4	112.4	112.4	115.9	123.0	126.5	133.5	138.8	72.0
85°	70.3	70.3	70.3	72.0	70.3	73.8	75.5	79.0	79.0	75.5	43.9
87.5°	45.7	43.9	45.7	43.9	43.9	42.2	42.2	42.2	40.4	38.6	24.6
90°	34.5	34.5	34.5	34.5	34.5	46.0	61.4	69.1	59.5	40.1	25.5
92.5°	138.4	110.9	138.4	165.9	172.8	245.0	341.1	389.3	341.7	246.8	175.6
95°	482.5	399.3	482.5	565.8	586.6	770.4	1015.3	1137.8	960.9	607.3	342.0
97.5°	1156.2	997.7	1156.2	1314.6	1354.3	1470.4	1625.2	1702.6	1407.7	818.0	375.6
100°	1665.8	1477.0	1665.8	1854.6	1901.8	1893.3	1881.9	1876.3	1549.1	894.6	403.8
102.5°	2167.1	2005.4	2167.1	2328.8	2369.2	2221.3	2024.0	1925.4	1593.6	929.9	432.0
105°	2806.3	2719.4	2806.3	2893.2	2914.9	2583.3	2141.0	1920.0	1598.6	955.9	473.8
107.5°	3224.9	3245.9	3224.9	3204.0	3198.7	2736.1	2119.3	1810.8	1527.5	960.7	535.7
110°	3384.6	3475.2	3384.6	3294.1	3271.4	2754.3	2064.7	1719.9	1464.4	953.5	570.3



TEST NUMBER: P935565

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3398.8	3537.9	3398.8	3259.8	3225.0	2695.7	1990.0	1637.1	1409.3	953.7	612.1
115°	3308.7	3501.5	3308.7	3115.9	3067.7	2557.8	1877.9	1538.0	1346.2	962.5	674.8
117.5°	3117.6	3331.5	3117.6	2903.8	2850.4	2390.1	1776.5	1469.7	1306.6	980.4	735.8
120°	2963.7	3171.4	2963.7	2755.8	2703.9	2283.4	1722.8	1442.4	1293.3	994.9	771.2
122.5°	2813.7	3018.6	2813.7	2608.7	2557.5	2178.9	1674.0	1421.5	1286.3	1015.8	813.0
125°	2599.8	2788.5	2599.8	2410.9	2363.8	2042.1	1613.3	1398.8	1280.6	1044.0	866.7
127.5°	2407.3	2566.6	2407.3	2248.0	2208.2	1932.1	1563.8	1379.7	1277.2	1072.3	918.6
130°	2293.9	2441.1	2293.9	2146.8	2110.0	1864.2	1536.3	1372.4	1279.2	1092.9	953.1
132.5°	2191.1	2322.8	2191.1	2059.3	2026.3	1806.2	1512.8	1366.0	1280.6	1109.6	981.3
135°	2050.1	2163.7	2050.1	1936.5	1908.1	1723.8	1478.0	1355.1	1279.3	1127.7	1014.1
137.5°	1937.0	2030.0	1937.0	1844.1	1820.8	1665.0	1457.2	1353.3	1287.2	1155.1	1055.9
140°	1859.5	1946.3	1859.5	1772.5	1750.8	1616.2	1436.7	1347.0	1288.6	1171.7	1084.1
142.5°	1795.1	1869.9	1795.1	1720.3	1701.6	1583.4	1425.7	1347.0	1293.2	1185.6	1105.0
145°	1698.7	1755.3	1698.7	1642.2	1628.0	1531.3	1402.3	1337.8	1293.2	1203.9	1136.9
147.5°	1624.8	1671.7	1624.8	1577.9	1566.2	1490.0	1388.6	1337.8	1302.1	1230.6	1176.9
150°	1578.2	1616.2	1578.2	1540.2	1530.7	1466.4	1380.7	1337.8	1306.7	1244.5	1197.8
152.5°	1538.3	1567.1	1538.3	1509.7	1502.5	1447.6	1374.5	1337.8	1309.7	1253.6	1211.4
155°	1492.6	1511.6	1492.6	1473.6	1468.9	1425.2	1367.0	1337.8	1316.4	1273.6	1241.5
157.5°	1456.4	1469.7	1456.4	1443.0	1439.7	1405.7	1360.5	1337.8	1323.1	1293.6	1271.4
160°	1434.7	1442.4	1434.7	1427.1	1425.1	1396.1	1357.2	1337.8	1326.1	1302.7	1285.1
162.5°	1420.7	1427.9	1420.7	1413.4	1411.5	1386.9	1354.2	1337.8	1329.3	1312.4	1299.6
165°	1400.2	1407.9	1400.2	1392.5	1390.6	1373.0	1349.6	1337.8	1334.0	1326.3	1320.6
167.5°	1385.5	1388.8	1385.5	1382.3	1381.5	1370.0	1354.6	1347.0	1343.7	1337.2	1332.4
170°	1381.5	1381.5	1381.5	1381.5	1381.5	1370.0	1354.6	1347.0	1346.8	1346.3	1346.1
172.5°	1370.7	1367.9	1370.7	1373.6	1374.3	1365.1	1353.0	1347.0	1347.0	1347.0	1347.0
175°	1364.3	1364.3	1364.3	1364.3	1364.3	1358.5	1350.8	1347.0	1348.8	1352.4	1355.1
177.5°	1358.4	1355.1	1358.4	1361.6	1362.4	1357.9	1351.8	1348.8	1350.2	1353.0	1355.1
180°	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1



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CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6
2.5°	1883.0	1872.4	1872.4	1854.9	1847.9	1842.6	1833.8	1807.5	1800.4	1793.4	1803.9
5°	1898.8	1879.5	1865.4	1833.8	1807.5	1796.9	1763.5	1700.3	1658.1	1626.5	1609.0
7.5°	1902.3	1877.7	1851.4	1802.2	1738.9	1710.8	1609.0	1493.0	1461.4	1433.3	1415.7
10°	1898.8	1870.7	1833.8	1760.0	1610.7	1561.5	1459.6	1384.1	1364.8	1359.5	1364.8
12.5°	1886.5	1860.2	1809.2	1686.3	1477.2	1443.8	1384.1	1340.2	1336.7	1345.5	1392.9
15°	1865.4	1840.8	1781.1	1587.9	1403.4	1378.8	1336.7	1320.9	1340.2	1401.7	1544.0
17.5°	1844.3	1816.2	1742.5	1491.3	1347.2	1329.7	1299.8	1331.4	1440.3	1522.9	1570.3
20°	1816.2	1782.9	1698.5	1421.0	1306.8	1291.0	1277.0	1419.2	1501.8	1531.7	1558.0
22.5°	1782.9	1747.7	1638.8	1371.8	1264.7	1252.4	1261.2	1468.4	1501.8	1522.9	1545.7
25°	1738.9	1709.1	1568.6	1333.2	1231.3	1217.2	1250.6	1463.2	1482.5	1487.8	1533.4
27.5°	1698.5	1659.9	1494.8	1298.0	1190.9	1185.6	1259.4	1440.3	1454.4	1459.6	1508.8
30°	1649.4	1591.4	1412.2	1261.2	1148.7	1147.0	1261.2	1412.2	1408.7	1422.8	1471.9
32.5°	1598.4	1489.5	1319.1	1215.5	1108.3	1106.6	1248.9	1370.1	1366.5	1385.9	1422.8
35°	1551.0	1410.5	1192.6	1162.8	1057.4	1059.1	1219.0	1320.9	1322.6	1340.2	1363.0
37.5°	1501.8	1342.0	1053.9	1104.8	1008.3	1008.3	1178.6	1275.2	1271.7	1277.0	1308.6
40°	1443.8	1234.8	931.0	1029.4	962.6	957.3	1129.4	1226.0	1213.7	1212.0	1255.9
42.5°	1382.4	1117.1	839.7	929.2	909.9	902.9	1069.7	1166.3	1143.5	1148.7	1204.9
45°	1315.6	1085.5	769.4	785.2	855.5	850.2	1004.8	1097.8	1082.0	1096.0	1154.0
47.5°	1248.9	1022.3	746.6	651.7	797.5	795.7	932.8	1031.1	1022.3	1036.4	1097.8
50°	1157.5	952.1	744.8	558.6	732.5	739.5	846.7	966.1	966.1	978.4	1043.4
52.5°	1039.9	866.0	676.3	505.9	657.0	678.0	771.1	909.9	913.4	925.7	983.7
55°	932.8	776.4	627.1	465.5	567.4	613.1	697.4	852.0	859.0	871.3	924.0
57.5°	834.4	646.4	616.6	418.1	484.8	528.7	632.4	795.7	799.3	809.8	860.7
60°	729.0	467.3	565.6	367.1	412.8	446.2	572.7	729.0	741.3	748.3	792.2
62.5°	609.5	339.0	512.9	332.0	377.7	384.7	523.5	665.8	681.6	686.8	713.2
65°	433.9	284.6	435.6	302.1	340.8	342.5	470.8	600.8	614.8	623.6	642.9
67.5°	293.4	231.9	332.0	274.0	312.7	314.4	419.8	525.2	544.5	551.6	563.9
70°	203.8	154.6	245.9	244.2	281.1	284.6	365.4	456.7	474.3	479.6	486.6
72.5°	149.3	124.7	203.8	219.6	247.7	251.2	309.2	379.4	397.0	402.3	405.8
75°	114.2	131.7	165.1	191.5	210.8	212.5	253.0	309.2	321.5	325.0	326.7
77.5°	91.3	123.0	121.2	154.6	172.1	168.6	198.5	238.9	249.4	249.4	249.4
80°	68.5	96.6	91.3	110.7	126.5	123.0	142.3	170.4	173.9	177.4	175.7
82.5°	50.9	61.5	61.5	70.3	84.3	80.8	94.9	110.7	110.7	110.7	114.2
85°	31.6	35.1	28.1	36.9	47.4	45.7	52.7	59.7	61.5	61.5	58.0
87.5°	19.3	15.8	8.8	14.1	21.1	21.1	24.6	26.3	24.6	24.6	24.6
90°	23.6	16.4	9.1	16.4	23.6	25.5	40.1	59.5	69.1	61.4	46.0
92.5°	160.1	98.2	36.4	98.2	160.1	175.6	246.8	341.7	389.3	341.1	245.0
95°	313.7	200.5	87.3	200.5	313.7	342.0	607.3	960.9	1137.8	1015.3	770.4
97.5°	350.7	250.8	151.0	250.8	350.7	375.6	818.0	1407.7	1702.6	1625.2	1470.4
100°	381.2	290.6	200.1	290.6	381.2	403.8	894.6	1549.1	1876.3	1881.9	1893.3
102.5°	410.9	326.4	241.9	326.4	410.9	432.0	929.9	1593.6	1925.4	2024.0	2221.3
105°	455.9	384.4	312.9	384.4	455.9	473.8	955.9	1598.6	1920.0	2141.0	2583.3
107.5°	519.0	452.3	385.7	452.3	519.0	535.7	960.7	1527.5	1810.8	2119.3	2736.1
110°	555.3	495.0	434.8	495.0	555.3	570.3	953.5	1464.4	1719.9	2064.7	2754.3



TEST NUMBER: P935565

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	597.8	540.3	483.0	540.3	597.8	612.1	953.7	1409.3	1637.1	1990.0	2695.7
115°	661.5	608.7	555.7	608.7	661.5	674.8	962.5	1346.2	1538.0	1877.9	2557.8
117.5°	723.7	675.7	627.5	675.7	723.7	735.8	980.4	1306.6	1469.7	1776.5	2390.1
120°	759.9	714.7	669.4	714.7	759.9	771.2	994.9	1293.3	1442.4	1722.8	2283.4
122.5°	801.6	756.0	710.3	756.0	801.6	813.0	1015.8	1286.3	1421.5	1674.0	2178.9
125°	856.3	814.7	773.1	814.7	856.3	866.7	1044.0	1280.6	1398.8	1613.3	2042.1
127.5°	908.1	866.1	824.0	866.1	908.1	918.6	1072.3	1277.2	1379.7	1563.8	1932.1
130°	941.8	896.6	851.2	896.6	941.8	953.1	1092.9	1279.2	1372.4	1536.3	1864.2
132.5°	970.0	924.8	879.4	924.8	970.0	981.3	1109.6	1280.6	1366.0	1512.8	1806.2
135°	1003.8	962.5	921.3	962.5	1003.8	1014.1	1127.7	1279.3	1355.1	1478.0	1723.8
137.5°	1045.7	1004.9	964.0	1004.9	1045.7	1055.9	1155.1	1287.2	1353.3	1457.2	1665.0
140°	1074.7	1037.1	999.5	1037.1	1074.7	1084.1	1171.7	1288.6	1347.0	1436.7	1616.2
142.5°	1096.3	1061.6	1026.8	1061.6	1096.3	1105.0	1185.6	1293.2	1347.0	1425.7	1583.4
145°	1129.3	1098.9	1068.6	1098.9	1129.3	1136.9	1203.9	1293.2	1337.8	1402.3	1531.3
147.5°	1169.5	1140.0	1110.5	1140.0	1169.5	1176.9	1230.6	1302.1	1337.8	1388.6	1490.0
150°	1191.2	1164.5	1137.8	1164.5	1191.2	1197.8	1244.5	1306.7	1337.8	1380.7	1466.4
152.5°	1206.3	1186.1	1165.9	1186.1	1206.3	1211.4	1253.6	1309.7	1337.8	1374.5	1447.6
155°	1237.7	1222.8	1207.8	1222.8	1237.7	1241.5	1273.6	1316.4	1337.8	1367.0	1425.2
157.5°	1267.8	1253.2	1238.8	1253.2	1267.8	1271.4	1293.6	1323.1	1337.8	1360.5	1405.7
160°	1282.3	1271.0	1259.7	1271.0	1282.3	1285.1	1302.7	1326.1	1337.8	1357.2	1396.1
162.5°	1297.5	1289.0	1280.6	1289.0	1297.5	1299.6	1312.4	1329.3	1337.8	1354.2	1386.9
165°	1318.7	1311.0	1303.3	1311.0	1318.7	1320.6	1326.3	1334.0	1337.8	1349.6	1373.0
167.5°	1331.5	1327.8	1324.2	1327.8	1331.5	1332.4	1337.2	1343.7	1347.0	1354.6	1370.0
170°	1345.2	1341.5	1337.8	1341.5	1345.2	1346.1	1346.3	1346.8	1347.0	1354.6	1370.0
172.5°	1346.8	1345.9	1345.1	1345.9	1346.8	1347.0	1347.0	1347.0	1347.0	1353.0	1365.1
175°	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1352.4	1348.8	1347.0	1350.8	1358.5
177.5°	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1353.0	1350.2	1348.8	1351.8	1357.9
180°	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1



TEST NUMBER: P935565
 CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6	1856.6
2.5°	1791.6	1786.4	1793.4	1774.1	1793.4	1786.4	1791.6	1803.9	1793.4	1800.4	1807.5
5°	1572.1	1563.3	1535.2	1512.3	1535.2	1563.3	1572.1	1609.0	1626.5	1658.1	1700.3
7.5°	1405.2	1398.2	1391.1	1377.1	1391.1	1398.2	1405.2	1415.7	1433.3	1461.4	1493.0
10°	1368.3	1370.1	1380.6	1378.8	1380.6	1370.1	1368.3	1364.8	1359.5	1364.8	1384.1
12.5°	1463.2	1479.0	1536.9	1533.4	1536.9	1479.0	1463.2	1392.9	1345.5	1336.7	1340.2
15°	1572.1	1577.3	1589.6	1591.4	1589.6	1577.3	1572.1	1544.0	1401.7	1340.2	1320.9
17.5°	1582.6	1584.4	1593.2	1593.2	1593.2	1584.4	1582.6	1570.3	1522.9	1440.3	1331.4
20°	1573.8	1577.3	1594.9	1598.4	1594.9	1577.3	1573.8	1558.0	1531.7	1501.8	1419.2
22.5°	1570.3	1577.3	1591.4	1589.6	1591.4	1577.3	1570.3	1545.7	1522.9	1501.8	1468.4
25°	1552.7	1552.7	1554.5	1556.3	1554.5	1552.7	1552.7	1533.4	1487.8	1482.5	1463.2
27.5°	1515.9	1519.4	1529.9	1528.2	1529.9	1519.4	1515.9	1508.8	1459.6	1454.4	1440.3
30°	1482.5	1479.0	1470.2	1463.2	1470.2	1479.0	1482.5	1471.9	1422.8	1408.7	1412.2
32.5°	1426.3	1417.5	1408.7	1403.4	1408.7	1417.5	1426.3	1422.8	1385.9	1366.5	1370.1
35°	1359.5	1361.3	1359.5	1354.3	1359.5	1361.3	1359.5	1363.0	1340.2	1322.6	1320.9
37.5°	1312.1	1315.6	1313.9	1306.8	1313.9	1315.6	1312.1	1308.6	1277.0	1271.7	1275.2
40°	1262.9	1264.7	1262.9	1257.6	1262.9	1264.7	1262.9	1255.9	1212.0	1213.7	1226.0
42.5°	1215.5	1213.7	1208.5	1204.9	1208.5	1213.7	1215.5	1204.9	1148.7	1143.5	1166.3
45°	1161.0	1162.8	1152.2	1147.0	1152.2	1162.8	1161.0	1154.0	1096.0	1082.0	1097.8
47.5°	1106.6	1106.6	1097.8	1092.5	1097.8	1106.6	1106.6	1097.8	1036.4	1022.3	1031.1
50°	1048.6	1046.9	1034.6	1032.9	1034.6	1046.9	1048.6	1043.4	978.4	966.1	966.1
52.5°	981.9	981.9	983.7	987.2	983.7	981.9	981.9	983.7	925.7	913.4	909.9
55°	924.0	925.7	938.0	941.5	938.0	925.7	924.0	924.0	871.3	859.0	852.0
57.5°	864.2	864.2	873.0	873.0	873.0	864.2	864.2	860.7	809.8	799.3	795.7
60°	795.7	799.3	806.3	804.5	806.3	799.3	795.7	792.2	748.3	741.3	729.0
62.5°	723.7	727.2	729.0	725.5	729.0	727.2	723.7	713.2	686.8	681.6	665.8
65°	648.2	651.7	653.5	649.9	653.5	651.7	648.2	642.9	623.6	614.8	600.8
67.5°	570.9	569.1	567.4	574.4	567.4	569.1	570.9	563.9	551.6	544.5	525.2
70°	491.8	491.8	490.1	493.6	490.1	491.8	491.8	486.6	479.6	474.3	456.7
72.5°	407.5	405.8	412.8	407.5	412.8	405.8	407.5	405.8	402.3	397.0	379.4
75°	325.0	328.5	325.0	330.2	325.0	328.5	325.0	326.7	325.0	321.5	309.2
77.5°	247.7	251.2	247.7	247.7	247.7	251.2	247.7	249.4	249.4	249.4	238.9
80°	175.7	173.9	173.9	172.1	173.9	173.9	175.7	175.7	177.4	173.9	170.4
82.5°	112.4	110.7	110.7	114.2	110.7	110.7	112.4	114.2	110.7	110.7	110.7
85°	61.5	63.2	59.7	59.7	59.7	63.2	61.5	58.0	61.5	61.5	59.7
87.5°	22.8	21.1	21.1	21.1	21.1	21.1	22.8	24.6	24.6	24.6	26.3
90°	34.5	34.5	34.5	34.5	34.5	34.5	34.5	46.0	61.4	69.1	59.5
92.5°	172.8	165.9	138.4	110.9	138.4	165.9	172.8	245.0	341.1	389.3	341.7
95°	586.6	565.8	482.5	399.3	482.5	565.8	586.6	770.4	1015.3	1137.8	960.9
97.5°	1354.3	1314.6	1156.2	997.7	1156.2	1314.6	1354.3	1470.4	1625.2	1702.6	1407.7
100°	1901.8	1854.6	1665.8	1477.0	1665.8	1854.6	1901.8	1893.3	1881.9	1876.3	1549.1
102.5°	2369.2	2328.8	2167.1	2005.4	2167.1	2328.8	2369.2	2221.3	2024.0	1925.4	1593.6
105°	2914.9	2893.2	2806.3	2719.4	2806.3	2893.2	2914.9	2583.3	2141.0	1920.0	1598.6
107.5°	3198.7	3204.0	3224.9	3245.9	3224.9	3204.0	3198.7	2736.1	2119.3	1810.8	1527.5
110°	3271.4	3294.1	3384.6	3475.2	3384.6	3294.1	3271.4	2754.3	2064.7	1719.9	1464.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3225.0	3259.8	3398.8	3537.9	3398.8	3259.8	3225.0	2695.7	1990.0	1637.1	1409.3
115°	3067.7	3115.9	3308.7	3501.5	3308.7	3115.9	3067.7	2557.8	1877.9	1538.0	1346.2
117.5°	2850.4	2903.8	3117.6	3331.5	3117.6	2903.8	2850.4	2390.1	1776.5	1469.7	1306.6
120°	2703.9	2755.8	2963.7	3171.4	2963.7	2755.8	2703.9	2283.4	1722.8	1442.4	1293.3
122.5°	2557.5	2608.7	2813.7	3018.6	2813.7	2608.7	2557.5	2178.9	1674.0	1421.5	1286.3
125°	2363.8	2410.9	2599.8	2788.5	2599.8	2410.9	2363.8	2042.1	1613.3	1398.8	1280.6
127.5°	2208.2	2248.0	2407.3	2566.6	2407.3	2248.0	2208.2	1932.1	1563.8	1379.7	1277.2
130°	2110.0	2146.8	2293.9	2441.1	2293.9	2146.8	2110.0	1864.2	1536.3	1372.4	1279.2
132.5°	2026.3	2059.3	2191.1	2322.8	2191.1	2059.3	2026.3	1806.2	1512.8	1366.0	1280.6
135°	1908.1	1936.5	2050.1	2163.7	2050.1	1936.5	1908.1	1723.8	1478.0	1355.1	1279.3
137.5°	1820.8	1844.1	1937.0	2030.0	1937.0	1844.1	1820.8	1665.0	1457.2	1353.3	1287.2
140°	1750.8	1772.5	1859.5	1946.3	1859.5	1772.5	1750.8	1616.2	1436.7	1347.0	1288.6
142.5°	1701.6	1720.3	1795.1	1869.9	1795.1	1720.3	1701.6	1583.4	1425.7	1347.0	1293.2
145°	1628.0	1642.2	1698.7	1755.3	1698.7	1642.2	1628.0	1531.3	1402.3	1337.8	1293.2
147.5°	1566.2	1577.9	1624.8	1671.7	1624.8	1577.9	1566.2	1490.0	1388.6	1337.8	1302.1
150°	1530.7	1540.2	1578.2	1616.2	1578.2	1540.2	1530.7	1466.4	1380.7	1337.8	1306.7
152.5°	1502.5	1509.7	1538.3	1567.1	1538.3	1509.7	1502.5	1447.6	1374.5	1337.8	1309.7
155°	1468.9	1473.6	1492.6	1511.6	1492.6	1473.6	1468.9	1425.2	1367.0	1337.8	1316.4
157.5°	1439.7	1443.0	1456.4	1469.7	1456.4	1443.0	1439.7	1405.7	1360.5	1337.8	1323.1
160°	1425.1	1427.1	1434.7	1442.4	1434.7	1427.1	1425.1	1396.1	1357.2	1337.8	1326.1
162.5°	1411.5	1413.4	1420.7	1427.9	1420.7	1413.4	1411.5	1386.9	1354.2	1337.8	1329.3
165°	1390.6	1392.5	1400.2	1407.9	1400.2	1392.5	1390.6	1373.0	1349.6	1337.8	1334.0
167.5°	1381.5	1382.3	1385.5	1388.8	1385.5	1382.3	1381.5	1370.0	1354.6	1347.0	1343.7
170°	1381.5	1381.5	1381.5	1381.5	1381.5	1381.5	1381.5	1370.0	1354.6	1347.0	1346.8
172.5°	1374.3	1373.6	1370.7	1367.9	1370.7	1373.6	1374.3	1365.1	1353.0	1347.0	1347.0
175°	1364.3	1364.3	1364.3	1364.3	1364.3	1364.3	1364.3	1358.5	1350.8	1347.0	1348.8
177.5°	1362.4	1361.6	1358.4	1355.1	1358.4	1361.6	1362.4	1357.9	1351.8	1348.8	1350.2
180°	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1	1355.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1856.6	1856.6	1856.6	1856.6	1856.6
2.5°	1833.8	1842.6	1847.9	1854.9	1872.4
5°	1763.5	1796.9	1807.5	1833.8	1865.4
7.5°	1609.0	1710.8	1738.9	1802.2	1851.4
10°	1459.6	1561.5	1610.7	1760.0	1833.8
12.5°	1384.1	1443.8	1477.2	1686.3	1809.2
15°	1336.7	1378.8	1403.4	1587.9	1781.1
17.5°	1299.8	1329.7	1347.2	1491.3	1742.5
20°	1277.0	1291.0	1306.8	1421.0	1698.5
22.5°	1261.2	1252.4	1264.7	1371.8	1638.8
25°	1250.6	1217.2	1231.3	1333.2	1568.6
27.5°	1259.4	1185.6	1190.9	1298.0	1494.8
30°	1261.2	1147.0	1148.7	1261.2	1412.2
32.5°	1248.9	1106.6	1108.3	1215.5	1319.1
35°	1219.0	1059.1	1057.4	1162.8	1192.6
37.5°	1178.6	1008.3	1008.3	1104.8	1053.9
40°	1129.4	957.3	962.6	1029.4	931.0
42.5°	1069.7	902.9	909.9	929.2	839.7
45°	1004.8	850.2	855.5	785.2	769.4
47.5°	932.8	795.7	797.5	651.7	746.6
50°	846.7	739.5	732.5	558.6	744.8
52.5°	771.1	678.0	657.0	505.9	676.3
55°	697.4	613.1	567.4	465.5	627.1
57.5°	632.4	528.7	484.8	418.1	616.6
60°	572.7	446.2	412.8	367.1	565.6
62.5°	523.5	384.7	377.7	332.0	512.9
65°	470.8	342.5	340.8	302.1	435.6
67.5°	419.8	314.4	312.7	274.0	332.0
70°	365.4	284.6	281.1	244.2	245.9
72.5°	309.2	251.2	247.7	219.6	203.8
75°	253.0	212.5	210.8	191.5	165.1
77.5°	198.5	168.6	172.1	154.6	121.2
80°	142.3	123.0	126.5	110.7	91.3
82.5°	94.9	80.8	84.3	70.3	61.5
85°	52.7	45.7	47.4	36.9	28.1
87.5°	24.6	21.1	21.1	14.1	8.8
90°	40.1	25.5	23.6	16.4	9.1
92.5°	246.8	175.6	160.1	98.2	36.4
95°	607.3	342.0	313.7	200.5	87.3
97.5°	818.0	375.6	350.7	250.8	151.0
100°	894.6	403.8	381.2	290.6	200.1
102.5°	929.9	432.0	410.9	326.4	241.9
105°	955.9	473.8	455.9	384.4	312.9
107.5°	960.7	535.7	519.0	452.3	385.7
110°	953.5	570.3	555.3	495.0	434.8



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 CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	953.7	612.1	597.8	540.3	483.0
115°	962.5	674.8	661.5	608.7	555.7
117.5°	980.4	735.8	723.7	675.7	627.5
120°	994.9	771.2	759.9	714.7	669.4
122.5°	1015.8	813.0	801.6	756.0	710.3
125°	1044.0	866.7	856.3	814.7	773.1
127.5°	1072.3	918.6	908.1	866.1	824.0
130°	1092.9	953.1	941.8	896.6	851.2
132.5°	1109.6	981.3	970.0	924.8	879.4
135°	1127.7	1014.1	1003.8	962.5	921.3
137.5°	1155.1	1055.9	1045.7	1004.9	964.0
140°	1171.7	1084.1	1074.7	1037.1	999.5
142.5°	1185.6	1105.0	1096.3	1061.6	1026.8
145°	1203.9	1136.9	1129.3	1098.9	1068.6
147.5°	1230.6	1176.9	1169.5	1140.0	1110.5
150°	1244.5	1197.8	1191.2	1164.5	1137.8
152.5°	1253.6	1211.4	1206.3	1186.1	1165.9
155°	1273.6	1241.5	1237.7	1222.8	1207.8
157.5°	1293.6	1271.4	1267.8	1253.2	1238.8
160°	1302.7	1285.1	1282.3	1271.0	1259.7
162.5°	1312.4	1299.6	1297.5	1289.0	1280.6
165°	1326.3	1320.6	1318.7	1311.0	1303.3
167.5°	1337.2	1332.4	1331.5	1327.8	1324.2
170°	1346.3	1346.1	1345.2	1341.5	1337.8
172.5°	1347.0	1347.0	1346.8	1345.9	1345.1
175°	1352.4	1355.1	1355.1	1355.1	1355.1
177.5°	1353.0	1355.1	1355.1	1355.1	1355.1
180°	1355.1	1355.1	1355.1	1355.1	1355.1



TEST NUMBER: P935565
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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	10.77	11.51	11.84	12.59	14.05	13.60	14.35	14.68	15.42	16.89
	3H	11.24	11.90	12.32	12.98	14.47	14.94	15.61	16.03	16.69	18.18
	4H	11.42	12.05	12.51	13.14	14.63	15.38	16.02	16.48	17.10	18.59
	6H	11.53	12.11	12.64	13.20	14.70	15.66	16.25	16.77	17.33	18.83
	8H	11.53	12.08	12.64	13.19	14.68	15.74	16.29	16.84	17.39	18.89
	12H	11.50	12.02	12.61	13.12	14.64	15.77	16.30	16.88	17.39	18.91
4H	2H	11.79	12.42	12.89	13.50	14.99	14.00	14.63	15.10	15.71	17.20
	3H	12.80	13.33	13.91	14.44	15.94	15.50	16.02	16.60	17.13	18.64
	4H	13.07	13.56	14.19	14.66	16.18	16.02	16.50	17.13	17.60	19.13
	6H	13.19	13.61	14.31	14.73	16.25	16.38	16.80	17.50	17.92	19.43
	8H	13.20	13.58	14.31	14.70	16.23	16.49	16.87	17.60	17.99	19.52
	12H	13.16	13.51	14.29	14.64	16.17	16.54	16.89	17.67	18.02	19.55
8H	4H	13.52	13.91	14.64	15.02	16.55	16.14	16.52	17.25	17.64	19.17
	6H	13.78	14.10	14.92	15.25	16.78	16.57	16.89	17.71	18.05	19.57
	8H	13.82	14.10	14.96	15.24	16.78	16.72	17.00	17.87	18.14	19.69
	12H	13.80	14.04	14.95	15.18	16.76	16.82	17.06	17.97	18.20	19.78
12H	4H	13.52	13.87	14.66	15.00	16.54	16.09	16.44	17.23	17.57	19.11
	6H	13.84	14.12	14.98	15.25	16.80	16.57	16.84	17.71	17.98	19.53
	8H	13.90	14.14	15.05	15.28	16.86	16.72	16.97	17.87	18.10	19.69