

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: P935545

Luminaire Tested: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935545
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-92765-1D-UNV-STD-W-8-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

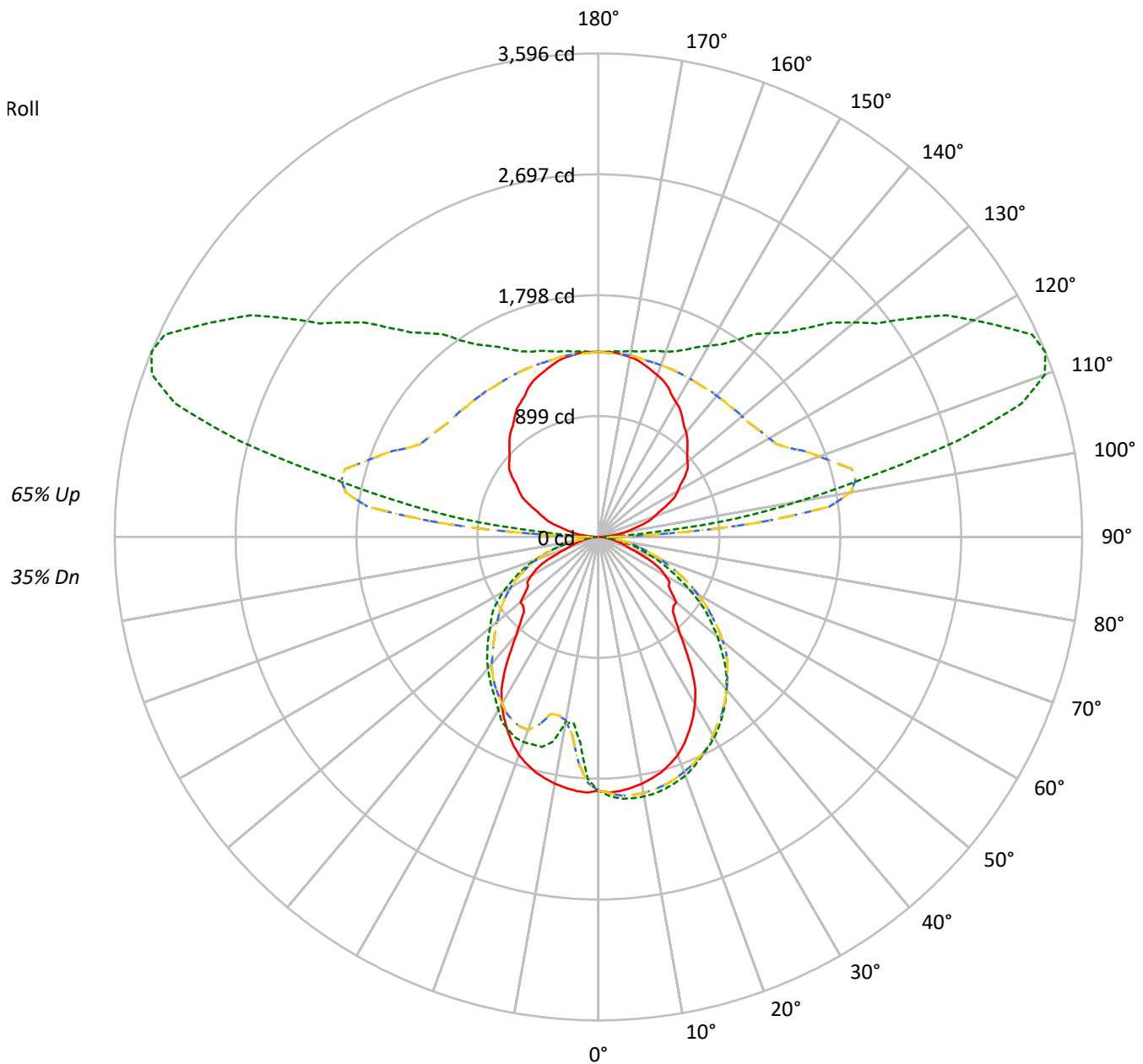
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13825.8 lumens
Efficiency: N/A
Efficacy: 124.3 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°	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	1.2
10°-20°	483.6	3.5
20°-30°	747.6	5.4
30°-40°	892.4	6.5
40°-50°	897.7	6.5
50°-60°	781.1	5.6
60°-70°	553.8	4.0
70°-80°	293.0	2.1
80°-90°	78.2	0.6
90°-100°	671.3	4.9
100°-110°	1765.0	12.8
110°-120°	1830.1	13.2
120°-130°	1468.0	10.6
130°-140°	1151.8	8.3
140°-150°	884.1	6.4
150°-160°	636.7	4.6
160°-170°	389.6	2.8
170°-180°	131.6	1.0
0°-30°	1401.5	10.1
0°-40°	2293.9	16.6
0°-60°	3972.7	28.7
0°-90°	4897.7	35.4
90°-120°	4266.4	30.9
90°-150°	7770.2	56.2
90°-180°	8928.0	64.6
0°-180°	13825.8	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°	9	35	9	35	9	9
95°	89	406	89	406	89	99
105°	318	2764	318	2764	318	337
115°	565	3559	565	3559	565	558
125°	786	2834	786	2834	786	698
135°	936	2199	936	2199	936	724
145°	1086	1784	1086	1784	1086	680
155°	1228	1536	1228	1536	1228	564
165°	1325	1431	1325	1431	1325	374
175°	1377	1386	1377	1386	1377	131
180°	1377	1377	1377	1377	1377	



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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°	9.3	16.7	24.0	25.9	40.7	60.4	70.2	62.4	46.8	35.1	35.1
92.5°	37.0	99.8	162.7	178.4	250.8	347.3	395.6	346.7	249.0	175.6	168.6
95°	88.7	203.8	318.8	347.6	617.2	976.6	1156.3	1031.9	782.9	596.2	575.0
97.5°	153.4	254.9	356.4	381.8	831.3	1430.7	1730.3	1651.7	1494.3	1376.3	1336.1
100°	203.3	295.4	387.4	410.4	909.2	1574.3	1906.9	1912.6	1924.1	1932.8	1884.9
102.5°	245.8	331.7	417.6	439.1	945.0	1619.6	1956.8	2057.0	2257.5	2407.8	2366.8
105°	318.0	390.7	463.4	481.6	971.4	1624.7	1951.3	2175.9	2625.4	2962.4	2940.4
107.5°	391.9	459.7	527.4	544.4	976.3	1552.4	1840.3	2153.8	2780.7	3250.8	3256.2
110°	441.8	503.1	564.3	579.6	969.0	1488.3	1747.9	2098.4	2799.2	3324.7	3347.8



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	490.9	549.1	607.5	622.1	969.3	1432.3	1663.8	2022.4	2739.6	3277.6	3313.0
115°	564.8	618.6	672.3	685.8	978.2	1368.1	1563.1	1908.5	2599.5	3117.7	3166.7
117.5°	637.8	686.7	735.5	747.7	996.4	1328.0	1493.7	1805.5	2429.1	2896.8	2951.2
120°	680.3	726.3	772.3	783.8	1011.2	1314.4	1465.9	1750.9	2320.6	2748.0	2800.8
122.5°	721.9	768.3	814.7	826.3	1032.4	1307.2	1444.7	1701.2	2214.4	2599.2	2651.3
125°	785.7	828.0	870.3	880.8	1061.1	1301.4	1421.6	1639.6	2075.4	2402.3	2450.2
127.5°	837.5	880.2	922.9	933.6	1089.8	1298.0	1402.2	1589.3	1963.6	2244.2	2284.7
130°	865.1	911.2	957.2	968.7	1110.7	1300.1	1394.8	1561.4	1894.6	2144.4	2181.8
132.5°	893.8	939.8	985.8	997.3	1127.6	1301.4	1388.3	1537.4	1835.7	2059.4	2092.8
135°	936.4	978.2	1020.2	1030.6	1146.1	1300.2	1377.2	1502.1	1751.9	1939.2	1968.0
137.5°	979.7	1021.2	1062.8	1073.1	1173.9	1308.2	1375.3	1480.9	1692.1	1850.5	1874.1
140°	1015.8	1054.0	1092.2	1101.8	1190.8	1309.6	1368.9	1460.1	1642.5	1779.3	1801.4
142.5°	1043.6	1078.9	1114.2	1123.0	1204.9	1314.3	1368.9	1449.0	1609.2	1729.4	1748.4
145°	1086.1	1116.8	1147.7	1155.4	1223.5	1314.3	1359.6	1425.2	1556.3	1654.6	1668.9
147.5°	1128.6	1158.6	1188.6	1196.1	1250.6	1323.3	1359.6	1411.2	1514.3	1591.7	1603.6
150°	1156.3	1183.4	1210.6	1217.4	1264.8	1328.0	1359.6	1403.2	1490.3	1555.7	1565.3
152.5°	1185.0	1205.5	1226.0	1231.2	1274.0	1331.1	1359.6	1396.9	1471.2	1527.0	1534.3
155°	1227.5	1242.7	1257.9	1261.7	1294.4	1337.9	1359.6	1389.3	1448.5	1492.8	1497.6
157.5°	1259.0	1273.7	1288.5	1292.2	1314.7	1344.6	1359.6	1382.7	1428.6	1463.2	1466.6
160°	1280.2	1291.7	1303.2	1306.1	1323.9	1347.8	1359.6	1379.4	1418.8	1448.4	1450.3
162.5°	1301.4	1310.0	1318.7	1320.8	1333.8	1351.0	1359.6	1376.2	1409.5	1434.5	1436.4
165°	1324.6	1332.4	1340.2	1342.1	1347.9	1355.7	1359.6	1371.6	1395.4	1413.3	1415.2
167.5°	1345.8	1349.5	1353.2	1354.1	1359.0	1365.6	1368.9	1376.7	1392.3	1404.0	1404.8
170°	1359.6	1363.4	1367.1	1368.0	1368.3	1368.7	1368.9	1376.7	1392.3	1404.0	1404.0
172.5°	1367.0	1367.9	1368.7	1368.9	1368.9	1368.9	1368.9	1375.1	1387.4	1396.7	1396.0
175°	1377.2	1377.2	1377.2	1377.2	1374.5	1370.8	1368.9	1372.8	1380.6	1386.5	1386.5
177.5°	1377.2	1377.2	1377.2	1377.2	1375.1	1372.2	1370.8	1373.8	1380.0	1384.6	1383.8
180°	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2



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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°	35.1	35.1	35.1	35.1	35.1	46.8	62.4	70.2	60.4	40.7	25.9
92.5°	140.7	112.7	140.7	168.6	175.6	249.0	346.7	395.6	347.3	250.8	178.4
95°	490.4	405.8	490.4	575.0	596.2	782.9	1031.9	1156.3	976.6	617.2	347.6
97.5°	1175.0	1014.0	1175.0	1336.1	1376.3	1494.3	1651.7	1730.3	1430.7	831.3	381.8
100°	1692.9	1501.1	1692.9	1884.9	1932.8	1924.1	1912.6	1906.9	1574.3	909.2	410.4
102.5°	2202.5	2038.1	2202.5	2366.8	2407.8	2257.5	2057.0	1956.8	1619.6	945.0	439.1
105°	2852.0	2763.7	2852.0	2940.4	2962.4	2625.4	2175.9	1951.3	1624.7	971.4	481.6
107.5°	3277.5	3298.9	3277.5	3256.2	3250.8	2780.7	2153.8	1840.3	1552.4	976.3	544.4
110°	3439.8	3531.8	3439.8	3347.8	3324.7	2799.2	2098.4	1747.9	1488.3	969.0	579.6



TEST NUMBER: P935545

CATALOG NUMBER: SQ4-FA-125U-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°	3454.3	3595.6	3454.3	3313.0	3277.6	2739.6	2022.4	1663.8	1432.3	969.3	622.1
115°	3362.7	3558.6	3362.7	3166.7	3117.7	2599.5	1908.5	1563.1	1368.1	978.2	685.8
117.5°	3168.4	3385.8	3168.4	2951.2	2896.8	2429.1	1805.5	1493.7	1328.0	996.4	747.7
120°	3012.0	3223.1	3012.0	2800.8	2748.0	2320.6	1750.9	1465.9	1314.4	1011.2	783.8
122.5°	2859.6	3067.8	2859.6	2651.3	2599.2	2214.4	1701.2	1444.7	1307.2	1032.4	826.3
125°	2642.2	2834.0	2642.2	2450.2	2402.3	2075.4	1639.6	1421.6	1301.4	1061.1	880.8
127.5°	2446.6	2608.4	2446.6	2284.7	2244.2	1963.6	1589.3	1402.2	1298.0	1089.8	933.6
130°	2331.3	2480.9	2331.3	2181.8	2144.4	1894.6	1561.4	1394.8	1300.1	1110.7	968.7
132.5°	2226.8	2360.7	2226.8	2092.8	2059.4	1835.7	1537.4	1388.3	1301.4	1127.6	997.3
135°	2083.6	2199.0	2083.6	1968.0	1939.2	1751.9	1502.1	1377.2	1300.2	1146.1	1030.6
137.5°	1968.6	2063.1	1968.6	1874.1	1850.5	1692.1	1480.9	1375.3	1308.2	1173.9	1073.1
140°	1889.8	1978.0	1889.8	1801.4	1779.3	1642.5	1460.1	1368.9	1309.6	1190.8	1101.8
142.5°	1824.3	1900.4	1824.3	1748.4	1729.4	1609.2	1449.0	1368.9	1314.3	1204.9	1123.0
145°	1726.4	1783.9	1726.4	1668.9	1654.6	1556.3	1425.2	1359.6	1314.3	1223.5	1155.4
147.5°	1651.3	1698.9	1651.3	1603.6	1591.7	1514.3	1411.2	1359.6	1323.3	1250.6	1196.1
150°	1603.9	1642.5	1603.9	1565.3	1555.7	1490.3	1403.2	1359.6	1328.0	1264.8	1217.4
152.5°	1563.4	1592.6	1563.4	1534.3	1527.0	1471.2	1396.9	1359.6	1331.1	1274.0	1231.2
155°	1516.9	1536.2	1516.9	1497.6	1492.8	1448.5	1389.3	1359.6	1337.9	1294.4	1261.7
157.5°	1480.1	1493.7	1480.1	1466.6	1463.2	1428.6	1382.7	1359.6	1344.6	1314.7	1292.2
160°	1458.1	1465.9	1458.1	1450.3	1448.4	1418.8	1379.4	1359.6	1347.8	1323.9	1306.1
162.5°	1443.8	1451.2	1443.8	1436.4	1434.5	1409.5	1376.2	1359.6	1351.0	1333.8	1320.8
165°	1423.0	1430.9	1423.0	1415.2	1413.3	1395.4	1371.6	1359.6	1355.7	1347.9	1342.1
167.5°	1408.1	1411.4	1408.1	1404.8	1404.0	1392.3	1376.7	1368.9	1365.6	1359.0	1354.1
170°	1404.0	1404.0	1404.0	1404.0	1404.0	1392.3	1376.7	1368.9	1368.7	1368.3	1368.0
172.5°	1393.0	1390.2	1393.0	1396.0	1396.7	1387.4	1375.1	1368.9	1368.9	1368.9	1368.9
175°	1386.5	1386.5	1386.5	1386.5	1386.5	1380.6	1372.8	1368.9	1370.8	1374.5	1377.2
177.5°	1380.5	1377.2	1380.5	1383.8	1384.6	1380.0	1373.8	1370.8	1372.2	1375.1	1377.2
180°	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2



TEST NUMBER: P935545

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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°	24.0	16.7	9.3	16.7	24.0	25.9	40.7	60.4	70.2	62.4	46.8
92.5°	162.7	99.8	37.0	99.8	162.7	178.4	250.8	347.3	395.6	346.7	249.0
95°	318.8	203.8	88.7	203.8	318.8	347.6	617.2	976.6	1156.3	1031.9	782.9
97.5°	356.4	254.9	153.4	254.9	356.4	381.8	831.3	1430.7	1730.3	1651.7	1494.3
100°	387.4	295.4	203.3	295.4	387.4	410.4	909.2	1574.3	1906.9	1912.6	1924.1
102.5°	417.6	331.7	245.8	331.7	417.6	439.1	945.0	1619.6	1956.8	2057.0	2257.5
105°	463.4	390.7	318.0	390.7	463.4	481.6	971.4	1624.7	1951.3	2175.9	2625.4
107.5°	527.4	459.7	391.9	459.7	527.4	544.4	976.3	1552.4	1840.3	2153.8	2780.7
110°	564.3	503.1	441.8	503.1	564.3	579.6	969.0	1488.3	1747.9	2098.4	2799.2



TEST NUMBER: P935545

CATALOG NUMBER: SQ4-FA-125U-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°	607.5	549.1	490.9	549.1	607.5	622.1	969.3	1432.3	1663.8	2022.4	2739.6
115°	672.3	618.6	564.8	618.6	672.3	685.8	978.2	1368.1	1563.1	1908.5	2599.5
117.5°	735.5	686.7	637.8	686.7	735.5	747.7	996.4	1328.0	1493.7	1805.5	2429.1
120°	772.3	726.3	680.3	726.3	772.3	783.8	1011.2	1314.4	1465.9	1750.9	2320.6
122.5°	814.7	768.3	721.9	768.3	814.7	826.3	1032.4	1307.2	1444.7	1701.2	2214.4
125°	870.3	828.0	785.7	828.0	870.3	880.8	1061.1	1301.4	1421.6	1639.6	2075.4
127.5°	922.9	880.2	837.5	880.2	922.9	933.6	1089.8	1298.0	1402.2	1589.3	1963.6
130°	957.2	911.2	865.1	911.2	957.2	968.7	1110.7	1300.1	1394.8	1561.4	1894.6
132.5°	985.8	939.8	893.8	939.8	985.8	997.3	1127.6	1301.4	1388.3	1537.4	1835.7
135°	1020.2	978.2	936.4	978.2	1020.2	1030.6	1146.1	1300.2	1377.2	1502.1	1751.9
137.5°	1062.8	1021.2	979.7	1021.2	1062.8	1073.1	1173.9	1308.2	1375.3	1480.9	1692.1
140°	1092.2	1054.0	1015.8	1054.0	1092.2	1101.8	1190.8	1309.6	1368.9	1460.1	1642.5
142.5°	1114.2	1078.9	1043.6	1078.9	1114.2	1123.0	1204.9	1314.3	1368.9	1449.0	1609.2
145°	1147.7	1116.8	1086.1	1116.8	1147.7	1155.4	1223.5	1314.3	1359.6	1425.2	1556.3
147.5°	1188.6	1158.6	1128.6	1158.6	1188.6	1196.1	1250.6	1323.3	1359.6	1411.2	1514.3
150°	1210.6	1183.4	1156.3	1183.4	1210.6	1217.4	1264.8	1328.0	1359.6	1403.2	1490.3
152.5°	1226.0	1205.5	1185.0	1205.5	1226.0	1231.2	1274.0	1331.1	1359.6	1396.9	1471.2
155°	1257.9	1242.7	1227.5	1242.7	1257.9	1261.7	1294.4	1337.9	1359.6	1389.3	1448.5
157.5°	1288.5	1273.7	1259.0	1273.7	1288.5	1292.2	1314.7	1344.6	1359.6	1382.7	1428.6
160°	1303.2	1291.7	1280.2	1291.7	1303.2	1306.1	1323.9	1347.8	1359.6	1379.4	1418.8
162.5°	1318.7	1310.0	1301.4	1310.0	1318.7	1320.8	1333.8	1351.0	1359.6	1376.2	1409.5
165°	1340.2	1332.4	1324.6	1332.4	1340.2	1342.1	1347.9	1355.7	1359.6	1371.6	1395.4
167.5°	1353.2	1349.5	1345.8	1349.5	1353.2	1354.1	1359.0	1365.6	1368.9	1376.7	1392.3
170°	1367.1	1363.4	1359.6	1363.4	1367.1	1368.0	1368.3	1368.7	1368.9	1376.7	1392.3
172.5°	1368.7	1367.9	1367.0	1367.9	1368.7	1368.9	1368.9	1368.9	1368.9	1375.1	1387.4
175°	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1374.5	1370.8	1368.9	1372.8	1380.6
177.5°	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1375.1	1372.2	1370.8	1373.8	1380.0
180°	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2



TEST NUMBER: P935545

CATALOG NUMBER: SQ4-FA-125U-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°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	46.8	62.4	70.2	60.4
92.5°	175.6	168.6	140.7	112.7	140.7	168.6	175.6	249.0	346.7	395.6	347.3
95°	596.2	575.0	490.4	405.8	490.4	575.0	596.2	782.9	1031.9	1156.3	976.6
97.5°	1376.3	1336.1	1175.0	1014.0	1175.0	1336.1	1376.3	1494.3	1651.7	1730.3	1430.7
100°	1932.8	1884.9	1692.9	1501.1	1692.9	1884.9	1932.8	1924.1	1912.6	1906.9	1574.3
102.5°	2407.8	2366.8	2202.5	2038.1	2202.5	2366.8	2407.8	2257.5	2057.0	1956.8	1619.6
105°	2962.4	2940.4	2852.0	2763.7	2852.0	2940.4	2962.4	2625.4	2175.9	1951.3	1624.7
107.5°	3250.8	3256.2	3277.5	3298.9	3277.5	3256.2	3250.8	2780.7	2153.8	1840.3	1552.4
110°	3324.7	3347.8	3439.8	3531.8	3439.8	3347.8	3324.7	2799.2	2098.4	1747.9	1488.3



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3277.6	3313.0	3454.3	3595.6	3454.3	3313.0	3277.6	2739.6	2022.4	1663.8	1432.3
115°	3117.7	3166.7	3362.7	3558.6	3362.7	3166.7	3117.7	2599.5	1908.5	1563.1	1368.1
117.5°	2896.8	2951.2	3168.4	3385.8	3168.4	2951.2	2896.8	2429.1	1805.5	1493.7	1328.0
120°	2748.0	2800.8	3012.0	3223.1	3012.0	2800.8	2748.0	2320.6	1750.9	1465.9	1314.4
122.5°	2599.2	2651.3	2859.6	3067.8	2859.6	2651.3	2599.2	2214.4	1701.2	1444.7	1307.2
125°	2402.3	2450.2	2642.2	2834.0	2642.2	2450.2	2402.3	2075.4	1639.6	1421.6	1301.4
127.5°	2244.2	2284.7	2446.6	2608.4	2446.6	2284.7	2244.2	1963.6	1589.3	1402.2	1298.0
130°	2144.4	2181.8	2331.3	2480.9	2331.3	2181.8	2144.4	1894.6	1561.4	1394.8	1300.1
132.5°	2059.4	2092.8	2226.8	2360.7	2226.8	2092.8	2059.4	1835.7	1537.4	1388.3	1301.4
135°	1939.2	1968.0	2083.6	2199.0	2083.6	1968.0	1939.2	1751.9	1502.1	1377.2	1300.2
137.5°	1850.5	1874.1	1968.6	2063.1	1968.6	1874.1	1850.5	1692.1	1480.9	1375.3	1308.2
140°	1779.3	1801.4	1889.8	1978.0	1889.8	1801.4	1779.3	1642.5	1460.1	1368.9	1309.6
142.5°	1729.4	1748.4	1824.3	1900.4	1824.3	1748.4	1729.4	1609.2	1449.0	1368.9	1314.3
145°	1654.6	1668.9	1726.4	1783.9	1726.4	1668.9	1654.6	1556.3	1425.2	1359.6	1314.3
147.5°	1591.7	1603.6	1651.3	1698.9	1651.3	1603.6	1591.7	1514.3	1411.2	1359.6	1323.3
150°	1555.7	1565.3	1603.9	1642.5	1603.9	1565.3	1555.7	1490.3	1403.2	1359.6	1328.0
152.5°	1527.0	1534.3	1563.4	1592.6	1563.4	1534.3	1527.0	1471.2	1396.9	1359.6	1331.1
155°	1492.8	1497.6	1516.9	1536.2	1516.9	1497.6	1492.8	1448.5	1389.3	1359.6	1337.9
157.5°	1463.2	1466.6	1480.1	1493.7	1480.1	1466.6	1463.2	1428.6	1382.7	1359.6	1344.6
160°	1448.4	1450.3	1458.1	1465.9	1458.1	1450.3	1448.4	1418.8	1379.4	1359.6	1347.8
162.5°	1434.5	1436.4	1443.8	1451.2	1443.8	1436.4	1434.5	1409.5	1376.2	1359.6	1351.0
165°	1413.3	1415.2	1423.0	1430.9	1423.0	1415.2	1413.3	1395.4	1371.6	1359.6	1355.7
167.5°	1404.0	1404.8	1408.1	1411.4	1408.1	1404.8	1404.0	1392.3	1376.7	1368.9	1365.6
170°	1404.0	1404.0	1404.0	1404.0	1404.0	1404.0	1404.0	1392.3	1376.7	1368.9	1368.7
172.5°	1396.7	1396.0	1393.0	1390.2	1393.0	1396.0	1396.7	1387.4	1375.1	1368.9	1368.9
175°	1386.5	1386.5	1386.5	1386.5	1386.5	1386.5	1386.5	1380.6	1372.8	1368.9	1370.8
177.5°	1384.6	1383.8	1380.5	1377.2	1380.5	1383.8	1384.6	1380.0	1373.8	1370.8	1372.2
180°	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2	1377.2



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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°	40.7	25.9	24.0	16.7	9.3
92.5°	250.8	178.4	162.7	99.8	37.0
95°	617.2	347.6	318.8	203.8	88.7
97.5°	831.3	381.8	356.4	254.9	153.4
100°	909.2	410.4	387.4	295.4	203.3
102.5°	945.0	439.1	417.6	331.7	245.8
105°	971.4	481.6	463.4	390.7	318.0
107.5°	976.3	544.4	527.4	459.7	391.9
110°	969.0	579.6	564.3	503.1	441.8



TEST NUMBER: P935545

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	969.3	622.1	607.5	549.1	490.9
115°	978.2	685.8	672.3	618.6	564.8
117.5°	996.4	747.7	735.5	686.7	637.8
120°	1011.2	783.8	772.3	726.3	680.3
122.5°	1032.4	826.3	814.7	768.3	721.9
125°	1061.1	880.8	870.3	828.0	785.7
127.5°	1089.8	933.6	922.9	880.2	837.5
130°	1110.7	968.7	957.2	911.2	865.1
132.5°	1127.6	997.3	985.8	939.8	893.8
135°	1146.1	1030.6	1020.2	978.2	936.4
137.5°	1173.9	1073.1	1062.8	1021.2	979.7
140°	1190.8	1101.8	1092.2	1054.0	1015.8
142.5°	1204.9	1123.0	1114.2	1078.9	1043.6
145°	1223.5	1155.4	1147.7	1116.8	1086.1
147.5°	1250.6	1196.1	1188.6	1158.6	1128.6
150°	1264.8	1217.4	1210.6	1183.4	1156.3
152.5°	1274.0	1231.2	1226.0	1205.5	1185.0
155°	1294.4	1261.7	1257.9	1242.7	1227.5
157.5°	1314.7	1292.2	1288.5	1273.7	1259.0
160°	1323.9	1306.1	1303.2	1291.7	1280.2
162.5°	1333.8	1320.8	1318.7	1310.0	1301.4
165°	1347.9	1342.1	1340.2	1332.4	1324.6
167.5°	1359.0	1354.1	1353.2	1349.5	1345.8
170°	1368.3	1368.0	1367.1	1363.4	1359.6
172.5°	1368.9	1368.9	1368.7	1367.9	1367.0
175°	1374.5	1377.2	1377.2	1377.2	1377.2
177.5°	1375.1	1377.2	1377.2	1377.2	1377.2
180°	1377.2	1377.2	1377.2	1377.2	1377.2



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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	10.82	11.57	11.90	12.64	14.11	13.66	14.40	14.73	15.48	16.94
	3H	11.29	11.96	12.37	13.04	14.52	15.00	15.67	16.08	16.75	18.23
	4H	11.48	12.11	12.57	13.19	14.68	15.44	16.07	16.53	17.16	18.65
	6H	11.59	12.17	12.69	13.26	14.76	15.72	16.30	16.82	17.39	18.89
	8H	11.59	12.14	12.69	13.24	14.74	15.79	16.35	16.90	17.45	18.94
	12H	11.55	12.08	12.67	13.18	14.70	15.83	16.35	16.94	17.45	18.97
4H	2H	11.84	12.47	12.94	13.56	15.05	14.06	14.69	15.16	15.77	17.26
	3H	12.86	13.39	13.97	14.50	16.00	15.55	16.08	16.66	17.19	18.69
	4H	13.13	13.61	14.24	14.71	16.24	16.08	16.56	17.19	17.66	19.18
	6H	13.25	13.66	14.37	14.79	16.30	16.44	16.85	17.56	17.98	19.49
	8H	13.25	13.64	14.37	14.75	16.29	16.54	16.93	17.66	18.05	19.58
	12H	13.21	13.56	14.35	14.69	16.23	16.59	16.95	17.73	18.07	19.61
8H	4H	13.58	13.96	14.69	15.08	16.61	16.19	16.58	17.31	17.69	19.23
	6H	13.83	14.15	14.97	15.31	16.84	16.63	16.94	17.77	18.10	19.63
	8H	13.87	14.15	15.02	15.29	16.84	16.78	17.06	17.92	18.20	19.74
	12H	13.85	14.10	15.00	15.23	16.82	16.87	17.12	18.02	18.25	19.84
12H	4H	13.58	13.93	14.71	15.06	16.59	16.15	16.50	17.29	17.63	19.17
	6H	13.89	14.17	15.04	15.31	16.86	16.62	16.90	17.77	18.04	19.59
	8H	13.95	14.20	15.10	15.33	16.92	16.78	17.02	17.93	18.16	19.74