

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: P935567

Luminaire Tested: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-8-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935567
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-8-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

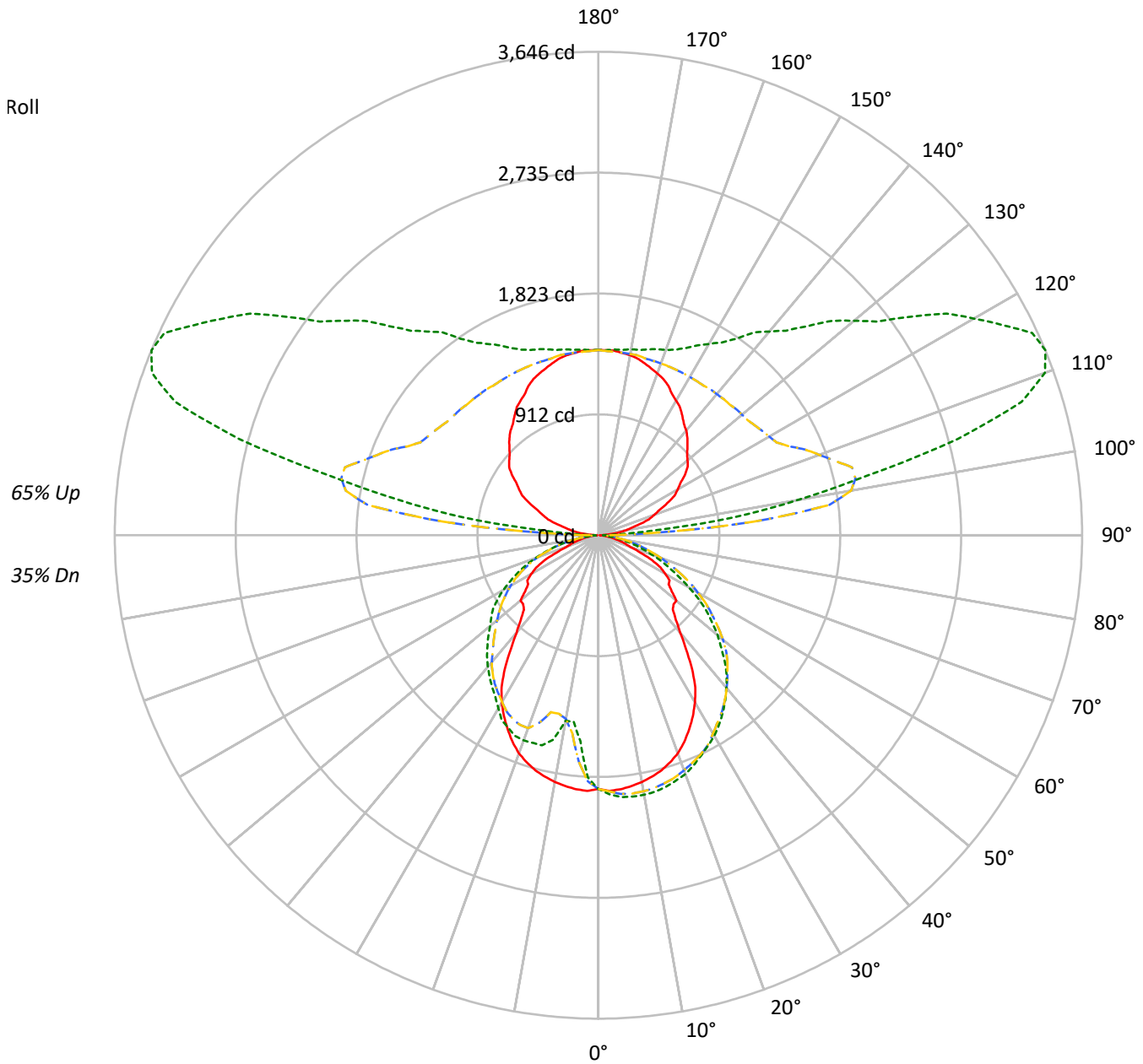
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14020.1 lumens
Efficiency: N/A
Efficacy: 126.1 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°	8877	8877	8877	8877
5°	8944	8961	8944	7046
10°	8884	8827	8884	6311
15°	8787	8636	8787	7212
20°	8604	8410	8604	7226
25°	8227	8079	8227	7073
30°	7741	7805	7741	6737
35°	6901	7458	6901	6368
40°	5751	7049	5751	6088
45°	5138	6571	5138	5767
50°	5459	6001	5459	5446
55°	5136	5387	5136	5259
60°	5294	4575	5294	4817
65°	4801	3782	4801	4227
70°	3323	3014	3323	3544
75°	2915	2228	2915	2667
80°	2348	1473	2348	1604
85°	1351	780	1351	664

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7875 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	172.7	1.2
10°-20°	490.4	3.5
20°-30°	758.1	5.4
30°-40°	905.0	6.5
40°-50°	910.3	6.5
50°-60°	792.1	5.6
60°-70°	561.6	4.0
70°-80°	297.1	2.1
80°-90°	79.3	0.6
90°-100°	680.8	4.9
100°-110°	1789.8	12.8
110°-120°	1855.8	13.2
120°-130°	1488.6	10.6
130°-140°	1168.0	8.3
140°-150°	896.5	6.4
150°-160°	645.6	4.6
160°-170°	395.0	2.8
170°-180°	133.5	1.0
0°-30°	1421.2	10.1
0°-40°	2326.1	16.6
0°-60°	4028.5	28.7
0°-90°	4966.5	35.4
90°-120°	4326.4	30.9
90°-150°	7879.4	56.2
90°-180°	9054.0	64.6
0°-180°	14020.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1913	1913	1913	1913	1913	
5°	1922	1982	1922	1559	1922	182
15°	1836	1964	1836	1640	1836	516
25°	1616	1832	1616	1604	1616	742
35°	1229	1635	1229	1396	1229	760
45°	793	1347	793	1182	793	635
55°	646	994	646	970	646	594
65°	449	599	449	670	449	429
75°	170	284	170	340	170	179
85°	29	72	29	62	29	39
90°	9	36	9	36	9	9
95°	90	412	90	412	90	100
105°	322	2803	322	2803	322	342
115°	573	3609	573	3609	573	566
125°	797	2874	797	2874	797	707
135°	950	2230	950	2230	950	735
145°	1101	1809	1101	1809	1101	690
155°	1245	1558	1245	1558	1245	572
165°	1343	1451	1343	1451	1343	379
175°	1397	1406	1397	1406	1397	133
180°	1397	1397	1397	1397	1397	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4
2.5°	1929.7	1929.7	1940.6	1944.2	1944.2	1938.8	1933.3	1938.8	1955.1	1960.5	1958.7
5°	1922.5	1937.0	1956.9	1960.5	1964.1	1962.3	1958.7	1962.3	1980.4	1984.0	1985.8
7.5°	1908.0	1935.1	1960.5	1965.9	1971.4	1965.9	1964.1	1967.7	1985.8	1989.5	1989.5
10°	1889.9	1927.9	1956.9	1960.5	1965.9	1960.5	1960.5	1967.7	1985.8	1989.5	1991.3
12.5°	1864.5	1917.0	1944.2	1947.8	1955.1	1953.2	1951.4	1958.7	1976.8	1980.4	1980.4
15°	1835.6	1897.1	1922.5	1926.1	1938.8	1935.1	1935.1	1942.4	1962.3	1967.7	1965.9
17.5°	1795.7	1871.8	1900.7	1906.2	1915.2	1913.4	1915.2	1922.5	1940.6	1944.2	1946.0
20°	1750.5	1837.4	1871.8	1877.2	1886.3	1886.3	1886.3	1895.3	1913.4	1920.7	1920.7
22.5°	1688.9	1801.2	1837.4	1841.0	1851.9	1851.9	1855.5	1868.2	1884.5	1886.3	1886.3
25°	1616.5	1761.4	1792.1	1803.0	1813.9	1819.3	1824.7	1832.0	1837.4	1835.6	1837.4
27.5°	1540.5	1710.7	1750.5	1757.7	1772.2	1777.6	1784.9	1786.7	1788.5	1793.9	1790.3
30°	1455.4	1640.1	1699.8	1707.0	1730.6	1734.2	1727.0	1730.6	1739.6	1743.2	1746.9
32.5°	1359.5	1535.1	1647.3	1663.6	1685.3	1674.5	1672.6	1678.1	1692.6	1692.6	1696.2
35°	1229.1	1453.6	1598.4	1612.9	1629.2	1616.5	1623.8	1625.6	1634.6	1640.1	1638.3
37.5°	1086.1	1383.0	1547.7	1558.6	1571.3	1555.0	1565.8	1571.3	1578.5	1574.9	1574.9
40°	959.5	1272.6	1488.0	1495.2	1506.1	1493.4	1504.3	1507.9	1511.5	1507.9	1506.1
42.5°	865.3	1151.3	1424.6	1433.7	1426.4	1435.5	1439.1	1446.4	1440.9	1433.7	1433.7
45°	792.9	1118.7	1355.8	1366.7	1355.8	1370.3	1375.8	1375.8	1359.5	1355.8	1354.0
47.5°	769.4	1053.6	1287.0	1287.0	1281.6	1299.7	1308.8	1296.1	1279.8	1274.4	1274.4
50°	767.6	981.2	1192.9	1185.7	1211.0	1232.7	1223.7	1211.0	1198.3	1178.4	1178.4
52.5°	697.0	892.5	1071.7	1098.8	1138.6	1151.3	1136.8	1124.1	1102.4	1093.3	1086.1
55°	646.3	800.2	961.3	1015.6	1057.2	1073.5	1046.4	1033.7	1001.1	995.7	992.1
57.5°	635.4	666.2	859.9	928.7	979.4	977.6	961.3	937.7	910.6	905.2	903.4
60°	582.9	481.5	751.3	832.7	885.2	879.8	865.3	843.6	818.3	814.6	811.0
62.5°	528.6	349.4	628.2	720.5	794.7	792.9	780.2	747.7	729.6	720.5	713.3
65°	449.0	293.3	447.1	599.2	706.0	709.6	682.5	659.0	639.0	628.2	626.4
67.5°	342.2	239.0	302.3	499.6	620.9	617.3	582.9	572.1	546.7	541.3	530.4
70°	253.4	159.3	210.0	405.5	537.7	528.6	501.5	488.8	465.3	452.6	445.3
72.5°	210.0	128.5	153.9	315.0	452.6	441.7	418.2	403.7	383.8	372.9	365.7
75°	170.2	135.8	117.7	233.5	367.5	360.3	338.5	324.0	307.8	293.3	295.1
77.5°	124.9	126.7	94.1	172.0	291.5	280.6	267.9	249.8	242.6	228.1	228.1
80°	94.1	99.6	70.6	117.7	210.0	210.0	199.1	186.5	173.8	166.5	166.5
82.5°	63.4	63.4	52.5	74.2	143.0	137.6	130.3	126.7	119.5	115.9	115.9
85°	29.0	36.2	32.6	45.3	77.8	81.5	81.5	77.8	76.0	72.4	74.2
87.5°	9.1	16.3	19.9	25.3	39.8	41.6	43.4	43.4	43.4	45.3	45.3
90°	9.4	16.9	24.3	26.2	41.3	61.3	71.2	63.3	47.4	35.6	35.6
92.5°	37.5	101.2	165.0	180.9	254.4	352.2	401.2	351.6	252.4	178.0	171.0
95°	90.0	206.6	323.3	352.5	625.8	990.3	1172.5	1046.4	793.9	604.6	583.1
97.5°	155.6	258.5	361.4	387.1	843.0	1450.8	1754.7	1674.9	1515.3	1395.7	1354.8
100°	206.2	299.5	392.8	416.2	922.0	1596.4	1933.7	1939.5	1951.2	1959.9	1911.3
102.5°	249.3	336.4	423.4	445.2	958.3	1642.3	1984.3	2085.9	2289.2	2441.7	2400.0
105°	322.4	396.2	469.9	488.3	985.1	1647.5	1978.7	2206.5	2662.3	3004.0	2981.7
107.5°	397.5	466.2	534.9	552.1	990.1	1574.2	1866.2	2184.1	2819.8	3296.5	3301.9
110°	448.1	510.1	572.2	587.7	982.6	1509.2	1772.5	2127.9	2838.5	3371.5	3394.8



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	497.7	556.9	616.1	630.8	982.9	1452.4	1687.1	2050.8	2778.1	3323.7	3359.5
115°	572.7	627.3	681.8	695.4	992.0	1387.3	1585.0	1935.3	2636.0	3161.5	3211.2
117.5°	646.7	696.3	745.9	758.3	1010.4	1346.6	1514.7	1830.9	2463.2	2937.5	2992.6
120°	689.8	736.5	783.1	794.8	1025.4	1332.8	1486.5	1775.5	2353.2	2786.6	2840.1
122.5°	732.0	779.1	826.1	837.9	1046.9	1325.6	1465.0	1725.1	2245.5	2635.7	2688.5
125°	796.7	839.6	882.5	893.2	1076.0	1319.7	1441.6	1662.6	2104.6	2436.1	2484.7
127.5°	849.2	892.6	935.8	946.7	1105.1	1316.3	1421.9	1611.6	1991.2	2275.8	2316.8
130°	877.3	924.0	970.6	982.3	1126.3	1318.4	1414.4	1583.3	1921.2	2174.6	2212.5
132.5°	906.3	953.0	999.7	1011.3	1143.5	1319.7	1407.8	1559.0	1861.5	2088.3	2122.2
135°	949.5	992.0	1034.5	1045.1	1162.2	1318.5	1396.6	1523.2	1776.5	1966.5	1995.7
137.5°	993.5	1035.6	1077.7	1088.2	1190.4	1326.6	1394.7	1501.8	1715.9	1876.5	1900.5
140°	1030.1	1068.8	1107.6	1117.2	1207.6	1328.0	1388.2	1480.7	1665.6	1804.3	1826.7
142.5°	1058.2	1094.1	1129.8	1138.8	1221.9	1332.8	1388.2	1469.3	1631.8	1753.7	1772.9
145°	1101.3	1132.5	1163.9	1171.6	1240.7	1332.8	1378.7	1445.2	1578.1	1677.8	1692.4
147.5°	1144.5	1174.9	1205.3	1212.9	1268.2	1341.9	1378.7	1431.1	1535.6	1614.1	1626.1
150°	1172.5	1200.1	1227.6	1234.5	1282.5	1346.7	1378.7	1422.9	1511.3	1577.5	1587.3
152.5°	1201.6	1222.4	1243.2	1248.5	1291.9	1349.8	1378.7	1416.5	1491.9	1548.5	1555.9
155°	1244.8	1260.2	1275.6	1279.4	1312.6	1356.7	1378.7	1408.8	1468.8	1513.8	1518.7
157.5°	1276.6	1291.6	1306.6	1310.3	1333.1	1363.5	1378.7	1402.1	1448.7	1483.7	1487.2
160°	1298.2	1309.9	1321.5	1324.4	1342.5	1366.7	1378.7	1398.7	1438.8	1468.7	1470.7
162.5°	1319.7	1328.4	1337.2	1339.4	1352.5	1370.0	1378.7	1395.6	1429.3	1454.7	1456.6
165°	1343.2	1351.1	1359.0	1361.0	1366.9	1374.8	1378.7	1390.9	1415.0	1433.1	1435.1
167.5°	1364.7	1368.4	1372.2	1373.1	1378.1	1384.8	1388.2	1396.0	1411.9	1423.7	1424.5
170°	1378.7	1382.5	1386.3	1387.2	1387.5	1388.0	1388.2	1396.0	1411.9	1423.7	1423.7
172.5°	1386.3	1387.1	1388.0	1388.2	1388.2	1388.2	1388.2	1394.4	1406.9	1416.3	1415.6
175°	1396.6	1396.6	1396.6	1396.6	1393.8	1390.1	1388.2	1392.1	1400.0	1406.0	1406.0
177.5°	1396.6	1396.6	1396.6	1396.6	1394.4	1391.5	1390.1	1393.1	1399.4	1404.1	1403.3
180°	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4
2.5°	1962.3	1956.9	1962.3	1958.7	1960.5	1955.1	1938.8	1933.3	1938.8	1944.2	1944.2
5°	1985.8	1982.2	1985.8	1985.8	1984.0	1980.4	1962.3	1958.7	1962.3	1964.1	1960.5
7.5°	1993.1	1987.6	1993.1	1989.5	1989.5	1985.8	1967.7	1964.1	1965.9	1971.4	1965.9
10°	1993.1	1987.6	1993.1	1991.3	1989.5	1985.8	1967.7	1960.5	1960.5	1965.9	1960.5
12.5°	1984.0	1980.4	1984.0	1980.4	1980.4	1976.8	1958.7	1951.4	1953.2	1955.1	1947.8
15°	1969.5	1964.1	1969.5	1965.9	1967.7	1962.3	1942.4	1935.1	1935.1	1938.8	1926.1
17.5°	1947.8	1940.6	1947.8	1946.0	1944.2	1940.6	1922.5	1915.2	1913.4	1915.2	1906.2
20°	1922.5	1917.0	1922.5	1920.7	1920.7	1913.4	1895.3	1886.3	1886.3	1886.3	1877.2
22.5°	1882.6	1877.2	1882.6	1886.3	1886.3	1884.5	1868.2	1855.5	1851.9	1851.9	1841.0
25°	1837.4	1832.0	1837.4	1837.4	1835.6	1837.4	1832.0	1824.7	1819.3	1813.9	1803.0
27.5°	1793.9	1790.3	1793.9	1790.3	1793.9	1788.5	1786.7	1784.9	1777.6	1772.2	1757.7
30°	1750.5	1746.9	1750.5	1746.9	1743.2	1739.6	1730.6	1727.0	1734.2	1730.6	1707.0
32.5°	1696.2	1692.6	1696.2	1696.2	1692.6	1692.6	1678.1	1672.6	1674.5	1685.3	1663.6
35°	1640.1	1634.6	1640.1	1638.3	1640.1	1634.6	1625.6	1623.8	1616.5	1629.2	1612.9
37.5°	1574.9	1569.5	1574.9	1574.9	1574.9	1578.5	1571.3	1565.8	1555.0	1571.3	1558.6
40°	1507.9	1500.7	1507.9	1506.1	1507.9	1511.5	1507.9	1504.3	1493.4	1506.1	1495.2
42.5°	1431.9	1430.1	1431.9	1433.7	1433.7	1440.9	1446.4	1439.1	1435.5	1426.4	1433.7
45°	1350.4	1346.8	1350.4	1354.0	1355.8	1359.5	1375.8	1375.8	1370.3	1355.8	1366.7
47.5°	1263.5	1254.5	1263.5	1274.4	1274.4	1279.8	1296.1	1308.8	1299.7	1281.6	1287.0
50°	1171.2	1173.0	1171.2	1178.4	1178.4	1198.3	1211.0	1223.7	1232.7	1211.0	1185.7
52.5°	1080.7	1079.0	1080.7	1086.1	1093.3	1102.4	1124.1	1136.8	1151.3	1138.6	1098.8
55°	990.2	993.9	990.2	992.1	995.7	1001.1	1033.7	1046.4	1073.5	1057.2	1015.6
57.5°	899.7	894.3	899.7	903.4	905.2	910.6	937.7	961.3	977.6	979.4	928.7
60°	794.7	787.5	794.7	811.0	814.6	818.3	843.6	865.3	879.8	885.2	832.7
62.5°	702.4	689.7	702.4	713.3	720.5	729.6	747.7	780.2	792.9	794.7	720.5
65°	604.6	599.2	604.6	626.4	628.2	639.0	659.0	682.5	709.6	706.0	599.2
67.5°	515.9	515.9	515.9	530.4	541.3	546.7	572.1	582.9	617.3	620.9	499.6
70°	434.5	432.7	434.5	445.3	452.6	465.3	488.8	501.5	528.6	537.7	405.5
72.5°	356.6	354.8	356.6	365.7	372.9	383.8	403.7	418.2	441.7	452.6	315.0
75°	287.8	284.2	287.8	295.1	293.3	307.8	324.0	338.5	360.3	367.5	233.5
77.5°	220.9	220.9	220.9	228.1	228.1	242.6	249.8	267.9	280.6	291.5	172.0
80°	164.7	162.9	164.7	166.5	166.5	173.8	186.5	199.1	210.0	210.0	117.7
82.5°	115.9	112.2	115.9	115.9	115.9	119.5	126.7	130.3	137.6	143.0	74.2
85°	72.4	72.4	72.4	74.2	72.4	76.0	77.8	81.5	81.5	77.8	45.3
87.5°	47.1	45.3	47.1	45.3	45.3	43.4	43.4	43.4	41.6	39.8	25.3
90°	35.6	35.6	35.6	35.6	35.6	47.4	63.3	71.2	61.3	41.3	26.2
92.5°	142.7	114.3	142.7	171.0	178.0	252.4	351.6	401.2	352.2	254.4	180.9
95°	497.3	411.5	497.3	583.1	604.6	793.9	1046.4	1172.5	990.3	625.8	352.5
97.5°	1191.6	1028.3	1191.6	1354.8	1395.7	1515.3	1674.9	1754.7	1450.8	843.0	387.1
100°	1716.7	1522.2	1716.7	1911.3	1959.9	1951.2	1939.5	1933.7	1596.4	922.0	416.2
102.5°	2233.4	2066.8	2233.4	2400.0	2441.7	2289.2	2085.9	1984.3	1642.3	958.3	445.2
105°	2892.1	2802.6	2892.1	2981.7	3004.0	2662.3	2206.5	1978.7	1647.5	985.1	488.3
107.5°	3323.6	3345.2	3323.6	3301.9	3296.5	2819.8	2184.1	1866.2	1574.2	990.1	552.1
110°	3488.1	3581.5	3488.1	3394.8	3371.5	2838.5	2127.9	1772.5	1509.2	982.6	587.7



TEST NUMBER: P935567

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3502.8	3646.1	3502.8	3359.5	3323.7	2778.1	2050.8	1687.1	1452.4	982.9	630.8
115°	3409.9	3608.6	3409.9	3211.2	3161.5	2636.0	1935.3	1585.0	1387.3	992.0	695.4
117.5°	3213.0	3433.4	3213.0	2992.6	2937.5	2463.2	1830.9	1514.7	1346.6	1010.4	758.3
120°	3054.3	3268.4	3054.3	2840.1	2786.6	2353.2	1775.5	1486.5	1332.8	1025.4	794.8
122.5°	2899.8	3110.9	2899.8	2688.5	2635.7	2245.5	1725.1	1465.0	1325.6	1046.9	837.9
125°	2679.3	2873.8	2679.3	2484.7	2436.1	2104.6	1662.6	1441.6	1319.7	1076.0	893.2
127.5°	2481.0	2645.1	2481.0	2316.8	2275.8	1991.2	1611.6	1421.9	1316.3	1105.1	946.7
130°	2364.1	2515.7	2364.1	2212.5	2174.6	1921.2	1583.3	1414.4	1318.4	1126.3	982.3
132.5°	2258.1	2393.9	2258.1	2122.2	2088.3	1861.5	1559.0	1407.8	1319.7	1143.5	1011.3
135°	2112.8	2229.9	2112.8	1995.7	1966.5	1776.5	1523.2	1396.6	1318.5	1162.2	1045.1
137.5°	1996.2	2092.1	1996.2	1900.5	1876.5	1715.9	1501.8	1394.7	1326.6	1190.4	1088.2
140°	1916.3	2005.8	1916.3	1826.7	1804.3	1665.6	1480.7	1388.2	1328.0	1207.6	1117.2
142.5°	1850.0	1927.1	1850.0	1772.9	1753.7	1631.8	1469.3	1388.2	1332.8	1221.9	1138.8
145°	1750.7	1809.0	1750.7	1692.4	1677.8	1578.1	1445.2	1378.7	1332.8	1240.7	1171.6
147.5°	1674.5	1722.8	1674.5	1626.1	1614.1	1535.6	1431.1	1378.7	1341.9	1268.2	1212.9
150°	1626.5	1665.6	1626.5	1587.3	1577.5	1511.3	1422.9	1378.7	1346.7	1282.5	1234.5
152.5°	1585.4	1615.0	1585.4	1555.9	1548.5	1491.9	1416.5	1378.7	1349.8	1291.9	1248.5
155°	1538.2	1557.8	1538.2	1518.7	1513.8	1468.8	1408.8	1378.7	1356.7	1312.6	1279.4
157.5°	1500.9	1514.7	1500.9	1487.2	1483.7	1448.7	1402.1	1378.7	1363.5	1333.1	1310.3
160°	1478.6	1486.5	1478.6	1470.7	1468.7	1438.8	1398.7	1378.7	1366.7	1342.5	1324.4
162.5°	1464.1	1471.6	1464.1	1456.6	1454.7	1429.3	1395.6	1378.7	1370.0	1352.5	1339.4
165°	1443.0	1451.0	1443.0	1435.1	1433.1	1415.0	1390.9	1378.7	1374.8	1366.9	1361.0
167.5°	1427.9	1431.2	1427.9	1424.5	1423.7	1411.9	1396.0	1388.2	1384.8	1378.1	1373.1
170°	1423.7	1423.7	1423.7	1423.7	1423.7	1411.9	1396.0	1388.2	1388.0	1387.5	1387.2
172.5°	1412.6	1409.7	1412.6	1415.6	1416.3	1406.9	1394.4	1388.2	1388.2	1388.2	1388.2
175°	1406.0	1406.0	1406.0	1406.0	1406.0	1400.0	1392.1	1388.2	1390.1	1393.8	1396.6
177.5°	1399.9	1396.6	1399.9	1403.3	1404.1	1399.4	1393.1	1390.1	1391.5	1394.4	1396.6
180°	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6



TEST NUMBER: P935567
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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4
2.5°	1940.6	1929.7	1929.7	1911.6	1904.4	1898.9	1889.9	1862.7	1855.5	1848.2	1859.1
5°	1956.9	1937.0	1922.5	1889.9	1862.7	1851.9	1817.5	1752.3	1708.9	1676.3	1658.2
7.5°	1960.5	1935.1	1908.0	1857.3	1792.1	1763.2	1658.2	1538.7	1506.1	1477.1	1459.0
10°	1956.9	1927.9	1889.9	1813.9	1660.0	1609.3	1504.3	1426.4	1406.5	1401.1	1406.5
12.5°	1944.2	1917.0	1864.5	1737.8	1522.4	1488.0	1426.4	1381.2	1377.6	1386.6	1435.5
15°	1922.5	1897.1	1835.6	1636.4	1446.4	1421.0	1377.6	1361.3	1381.2	1444.5	1591.2
17.5°	1900.7	1871.8	1795.7	1536.9	1388.4	1370.3	1339.5	1372.1	1484.4	1569.5	1618.3
20°	1871.8	1837.4	1750.5	1464.5	1346.8	1330.5	1316.0	1462.6	1547.7	1578.5	1605.7
22.5°	1837.4	1801.2	1688.9	1413.8	1303.3	1290.7	1299.7	1513.3	1547.7	1569.5	1593.0
25°	1792.1	1761.4	1616.5	1373.9	1268.9	1254.5	1288.9	1507.9	1527.8	1533.3	1580.3
27.5°	1750.5	1710.7	1540.5	1337.7	1227.3	1221.9	1297.9	1484.4	1498.9	1504.3	1555.0
30°	1699.8	1640.1	1455.4	1299.7	1183.9	1182.0	1299.7	1455.4	1451.8	1466.3	1517.0
32.5°	1647.3	1535.1	1359.5	1252.7	1142.2	1140.4	1287.0	1412.0	1408.3	1428.3	1466.3
35°	1598.4	1453.6	1229.1	1198.3	1089.7	1091.5	1256.3	1361.3	1363.1	1381.2	1404.7
37.5°	1547.7	1383.0	1086.1	1138.6	1039.1	1039.1	1214.6	1314.2	1310.6	1316.0	1348.6
40°	1488.0	1272.6	959.5	1060.8	992.1	986.6	1163.9	1263.5	1250.8	1249.0	1294.3
42.5°	1424.6	1151.3	865.3	957.7	937.7	930.5	1102.4	1202.0	1178.4	1183.9	1241.8
45°	1355.8	1118.7	792.9	809.2	881.6	876.2	1035.5	1131.4	1115.1	1129.6	1189.3
47.5°	1287.0	1053.6	769.4	671.6	821.9	820.1	961.3	1062.7	1053.6	1068.1	1131.4
50°	1192.9	981.2	767.6	575.7	754.9	762.1	872.6	995.7	995.7	1008.3	1075.3
52.5°	1071.7	892.5	697.0	521.4	677.1	698.8	794.7	937.7	941.4	954.0	1013.8
55°	961.3	800.2	646.3	479.7	584.7	631.8	718.7	878.0	885.2	897.9	952.2
57.5°	859.9	666.2	635.4	430.9	499.6	544.9	651.7	820.1	823.7	834.6	887.1
60°	751.3	481.5	582.9	378.4	425.4	459.8	590.2	751.3	764.0	771.2	816.5
62.5°	628.2	349.4	528.6	342.2	389.2	396.5	539.5	686.1	702.4	707.8	735.0
65°	447.1	293.3	449.0	311.4	351.2	353.0	485.2	619.1	633.6	642.7	662.6
67.5°	302.3	239.0	342.2	282.4	322.2	324.0	432.7	541.3	561.2	568.4	581.1
70°	210.0	159.3	253.4	251.6	289.7	293.3	376.5	470.7	488.8	494.2	501.5
72.5°	153.9	128.5	210.0	226.3	255.3	258.9	318.6	391.0	409.1	414.6	418.2
75°	117.7	135.8	170.2	197.3	217.2	219.0	260.7	318.6	331.3	334.9	336.7
77.5°	94.1	126.7	124.9	159.3	177.4	173.8	204.6	246.2	257.1	257.1	257.1
80°	70.6	99.6	94.1	114.1	130.3	126.7	146.6	175.6	179.2	182.8	181.0
82.5°	52.5	63.4	63.4	72.4	86.9	83.3	97.8	114.1	114.1	114.1	117.7
85°	32.6	36.2	29.0	38.0	48.9	47.1	54.3	61.6	63.4	63.4	59.7
87.5°	19.9	16.3	9.1	14.5	21.7	21.7	25.3	27.2	25.3	25.3	25.3
90°	24.3	16.9	9.4	16.9	24.3	26.2	41.3	61.3	71.2	63.3	47.4
92.5°	165.0	101.2	37.5	101.2	165.0	180.9	254.4	352.2	401.2	351.6	252.4
95°	323.3	206.6	90.0	206.6	323.3	352.5	625.8	990.3	1172.5	1046.4	793.9
97.5°	361.4	258.5	155.6	258.5	361.4	387.1	843.0	1450.8	1754.7	1674.9	1515.3
100°	392.8	299.5	206.2	299.5	392.8	416.2	922.0	1596.4	1933.7	1939.5	1951.2
102.5°	423.4	336.4	249.3	336.4	423.4	445.2	958.3	1642.3	1984.3	2085.9	2289.2
105°	469.9	396.2	322.4	396.2	469.9	488.3	985.1	1647.5	1978.7	2206.5	2662.3
107.5°	534.9	466.2	397.5	466.2	534.9	552.1	990.1	1574.2	1866.2	2184.1	2819.8
110°	572.2	510.1	448.1	510.1	572.2	587.7	982.6	1509.2	1772.5	2127.9	2838.5



TEST NUMBER: P935567

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	616.1	556.9	497.7	556.9	616.1	630.8	982.9	1452.4	1687.1	2050.8	2778.1
115°	681.8	627.3	572.7	627.3	681.8	695.4	992.0	1387.3	1585.0	1935.3	2636.0
117.5°	745.9	696.3	646.7	696.3	745.9	758.3	1010.4	1346.6	1514.7	1830.9	2463.2
120°	783.1	736.5	689.8	736.5	783.1	794.8	1025.4	1332.8	1486.5	1775.5	2353.2
122.5°	826.1	779.1	732.0	779.1	826.1	837.9	1046.9	1325.6	1465.0	1725.1	2245.5
125°	882.5	839.6	796.7	839.6	882.5	893.2	1076.0	1319.7	1441.6	1662.6	2104.6
127.5°	935.8	892.6	849.2	892.6	935.8	946.7	1105.1	1316.3	1421.9	1611.6	1991.2
130°	970.6	924.0	877.3	924.0	970.6	982.3	1126.3	1318.4	1414.4	1583.3	1921.2
132.5°	999.7	953.0	906.3	953.0	999.7	1011.3	1143.5	1319.7	1407.8	1559.0	1861.5
135°	1034.5	992.0	949.5	992.0	1034.5	1045.1	1162.2	1318.5	1396.6	1523.2	1776.5
137.5°	1077.7	1035.6	993.5	1035.6	1077.7	1088.2	1190.4	1326.6	1394.7	1501.8	1715.9
140°	1107.6	1068.8	1030.1	1068.8	1107.6	1117.2	1207.6	1328.0	1388.2	1480.7	1665.6
142.5°	1129.8	1094.1	1058.2	1094.1	1129.8	1138.8	1221.9	1332.8	1388.2	1469.3	1631.8
145°	1163.9	1132.5	1101.3	1132.5	1163.9	1171.6	1240.7	1332.8	1378.7	1445.2	1578.1
147.5°	1205.3	1174.9	1144.5	1174.9	1205.3	1212.9	1268.2	1341.9	1378.7	1431.1	1535.6
150°	1227.6	1200.1	1172.5	1200.1	1227.6	1234.5	1282.5	1346.7	1378.7	1422.9	1511.3
152.5°	1243.2	1222.4	1201.6	1222.4	1243.2	1248.5	1291.9	1349.8	1378.7	1416.5	1491.9
155°	1275.6	1260.2	1244.8	1260.2	1275.6	1279.4	1312.6	1356.7	1378.7	1408.8	1468.8
157.5°	1306.6	1291.6	1276.6	1291.6	1306.6	1310.3	1333.1	1363.5	1378.7	1402.1	1448.7
160°	1321.5	1309.9	1298.2	1309.9	1321.5	1324.4	1342.5	1366.7	1378.7	1398.7	1438.8
162.5°	1337.2	1328.4	1319.7	1328.4	1337.2	1339.4	1352.5	1370.0	1378.7	1395.6	1429.3
165°	1359.0	1351.1	1343.2	1351.1	1359.0	1361.0	1366.9	1374.8	1378.7	1390.9	1415.0
167.5°	1372.2	1368.4	1364.7	1368.4	1372.2	1373.1	1378.1	1384.8	1388.2	1396.0	1411.9
170°	1386.3	1382.5	1378.7	1382.5	1386.3	1387.2	1387.5	1388.0	1388.2	1396.0	1411.9
172.5°	1388.0	1387.1	1386.3	1387.1	1388.0	1388.2	1388.2	1388.2	1388.2	1394.4	1406.9
175°	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1393.8	1390.1	1388.2	1392.1	1400.0
177.5°	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1394.4	1391.5	1390.1	1393.1	1399.4
180°	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6



TEST NUMBER: P935567

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4	1913.4
2.5°	1846.4	1841.0	1848.2	1828.3	1848.2	1841.0	1846.4	1859.1	1848.2	1855.5	1862.7
5°	1620.1	1611.1	1582.1	1558.6	1582.1	1611.1	1620.1	1658.2	1676.3	1708.9	1752.3
7.5°	1448.2	1440.9	1433.7	1419.2	1433.7	1440.9	1448.2	1459.0	1477.1	1506.1	1538.7
10°	1410.2	1412.0	1422.8	1421.0	1422.8	1412.0	1410.2	1406.5	1401.1	1406.5	1426.4
12.5°	1507.9	1524.2	1583.9	1580.3	1583.9	1524.2	1507.9	1435.5	1386.6	1377.6	1381.2
15°	1620.1	1625.6	1638.3	1640.1	1638.3	1625.6	1620.1	1591.2	1444.5	1381.2	1361.3
17.5°	1631.0	1632.8	1641.9	1641.9	1641.9	1632.8	1631.0	1618.3	1569.5	1484.4	1372.1
20°	1622.0	1625.6	1643.7	1647.3	1643.7	1625.6	1622.0	1605.7	1578.5	1547.7	1462.6
22.5°	1618.3	1625.6	1640.1	1638.3	1640.1	1625.6	1618.3	1593.0	1569.5	1547.7	1513.3
25°	1600.2	1600.2	1602.0	1603.9	1602.0	1600.2	1600.2	1580.3	1533.3	1527.8	1507.9
27.5°	1562.2	1565.8	1576.7	1574.9	1576.7	1565.8	1562.2	1555.0	1504.3	1498.9	1484.4
30°	1527.8	1524.2	1515.1	1507.9	1515.1	1524.2	1527.8	1517.0	1466.3	1451.8	1455.4
32.5°	1469.9	1460.8	1451.8	1446.4	1451.8	1460.8	1469.9	1466.3	1428.3	1408.3	1412.0
35°	1401.1	1402.9	1401.1	1395.7	1401.1	1402.9	1401.1	1404.7	1381.2	1363.1	1361.3
37.5°	1352.2	1355.8	1354.0	1346.8	1354.0	1355.8	1352.2	1348.6	1316.0	1310.6	1314.2
40°	1301.5	1303.3	1301.5	1296.1	1301.5	1303.3	1301.5	1294.3	1249.0	1250.8	1263.5
42.5°	1252.7	1250.8	1245.4	1241.8	1245.4	1250.8	1252.7	1241.8	1183.9	1178.4	1202.0
45°	1196.5	1198.3	1187.5	1182.0	1187.5	1198.3	1196.5	1189.3	1129.6	1115.1	1131.4
47.5°	1140.4	1140.4	1131.4	1125.9	1131.4	1140.4	1140.4	1131.4	1068.1	1053.6	1062.7
50°	1080.7	1079.0	1066.3	1064.5	1066.3	1079.0	1080.7	1075.3	1008.3	995.7	995.7
52.5°	1012.0	1012.0	1013.8	1017.4	1013.8	1012.0	1012.0	1013.8	954.0	941.4	937.7
55°	952.2	954.0	966.7	970.3	966.7	954.0	952.2	952.2	897.9	885.2	878.0
57.5°	890.7	890.7	899.7	899.7	899.7	890.7	890.7	887.1	834.6	823.7	820.1
60°	820.1	823.7	830.9	829.1	830.9	823.7	820.1	816.5	771.2	764.0	751.3
62.5°	745.9	749.5	751.3	747.7	751.3	749.5	745.9	735.0	707.8	702.4	686.1
65°	668.0	671.6	673.4	669.8	673.4	671.6	668.0	662.6	642.7	633.6	619.1
67.5°	588.4	586.5	584.7	592.0	584.7	586.5	588.4	581.1	568.4	561.2	541.3
70°	506.9	506.9	505.1	508.7	505.1	506.9	506.9	501.5	494.2	488.8	470.7
72.5°	420.0	418.2	425.4	420.0	425.4	418.2	420.0	418.2	414.6	409.1	391.0
75°	334.9	338.5	334.9	340.3	334.9	338.5	334.9	336.7	334.9	331.3	318.6
77.5°	255.3	258.9	255.3	255.3	255.3	258.9	255.3	257.1	257.1	257.1	246.2
80°	181.0	179.2	179.2	177.4	179.2	179.2	181.0	181.0	182.8	179.2	175.6
82.5°	115.9	114.1	114.1	117.7	114.1	114.1	115.9	117.7	114.1	114.1	114.1
85°	63.4	65.2	61.6	61.6	61.6	65.2	63.4	59.7	63.4	63.4	61.6
87.5°	23.5	21.7	21.7	21.7	21.7	21.7	23.5	25.3	25.3	25.3	27.2
90°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	47.4	63.3	71.2	61.3
92.5°	178.0	171.0	142.7	114.3	142.7	171.0	178.0	252.4	351.6	401.2	352.2
95°	604.6	583.1	497.3	411.5	497.3	583.1	604.6	793.9	1046.4	1172.5	990.3
97.5°	1395.7	1354.8	1191.6	1028.3	1191.6	1354.8	1395.7	1515.3	1674.9	1754.7	1450.8
100°	1959.9	1911.3	1716.7	1522.2	1716.7	1911.3	1959.9	1951.2	1939.5	1933.7	1596.4
102.5°	2441.7	2400.0	2233.4	2066.8	2233.4	2400.0	2441.7	2289.2	2085.9	1984.3	1642.3
105°	3004.0	2981.7	2892.1	2802.6	2892.1	2981.7	3004.0	2662.3	2206.5	1978.7	1647.5
107.5°	3296.5	3301.9	3323.6	3345.2	3323.6	3301.9	3296.5	2819.8	2184.1	1866.2	1574.2
110°	3371.5	3394.8	3488.1	3581.5	3488.1	3394.8	3371.5	2838.5	2127.9	1772.5	1509.2



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3323.7	3359.5	3502.8	3646.1	3502.8	3359.5	3323.7	2778.1	2050.8	1687.1	1452.4
115°	3161.5	3211.2	3409.9	3608.6	3409.9	3211.2	3161.5	2636.0	1935.3	1585.0	1387.3
117.5°	2937.5	2992.6	3213.0	3433.4	3213.0	2992.6	2937.5	2463.2	1830.9	1514.7	1346.6
120°	2786.6	2840.1	3054.3	3268.4	3054.3	2840.1	2786.6	2353.2	1775.5	1486.5	1332.8
122.5°	2635.7	2688.5	2899.8	3110.9	2899.8	2688.5	2635.7	2245.5	1725.1	1465.0	1325.6
125°	2436.1	2484.7	2679.3	2873.8	2679.3	2484.7	2436.1	2104.6	1662.6	1441.6	1319.7
127.5°	2275.8	2316.8	2481.0	2645.1	2481.0	2316.8	2275.8	1991.2	1611.6	1421.9	1316.3
130°	2174.6	2212.5	2364.1	2515.7	2364.1	2212.5	2174.6	1921.2	1583.3	1414.4	1318.4
132.5°	2088.3	2122.2	2258.1	2393.9	2258.1	2122.2	2088.3	1861.5	1559.0	1407.8	1319.7
135°	1966.5	1995.7	2112.8	2229.9	2112.8	1995.7	1966.5	1776.5	1523.2	1396.6	1318.5
137.5°	1876.5	1900.5	1996.2	2092.1	1996.2	1900.5	1876.5	1715.9	1501.8	1394.7	1326.6
140°	1804.3	1826.7	1916.3	2005.8	1916.3	1826.7	1804.3	1665.6	1480.7	1388.2	1328.0
142.5°	1753.7	1772.9	1850.0	1927.1	1850.0	1772.9	1753.7	1631.8	1469.3	1388.2	1332.8
145°	1677.8	1692.4	1750.7	1809.0	1750.7	1692.4	1677.8	1578.1	1445.2	1378.7	1332.8
147.5°	1614.1	1626.1	1674.5	1722.8	1674.5	1626.1	1614.1	1535.6	1431.1	1378.7	1341.9
150°	1577.5	1587.3	1626.5	1665.6	1626.5	1587.3	1577.5	1511.3	1422.9	1378.7	1346.7
152.5°	1548.5	1555.9	1585.4	1615.0	1585.4	1555.9	1548.5	1491.9	1416.5	1378.7	1349.8
155°	1513.8	1518.7	1538.2	1557.8	1538.2	1518.7	1513.8	1468.8	1408.8	1378.7	1356.7
157.5°	1483.7	1487.2	1500.9	1514.7	1500.9	1487.2	1483.7	1448.7	1402.1	1378.7	1363.5
160°	1468.7	1470.7	1478.6	1486.5	1478.6	1470.7	1468.7	1438.8	1398.7	1378.7	1366.7
162.5°	1454.7	1456.6	1464.1	1471.6	1464.1	1456.6	1454.7	1429.3	1395.6	1378.7	1370.0
165°	1433.1	1435.1	1443.0	1451.0	1443.0	1435.1	1433.1	1415.0	1390.9	1378.7	1374.8
167.5°	1423.7	1424.5	1427.9	1431.2	1427.9	1424.5	1423.7	1411.9	1396.0	1388.2	1384.8
170°	1423.7	1423.7	1423.7	1423.7	1423.7	1423.7	1423.7	1411.9	1396.0	1388.2	1388.0
172.5°	1416.3	1415.6	1412.6	1409.7	1412.6	1415.6	1416.3	1406.9	1394.4	1388.2	1388.2
175°	1406.0	1406.0	1406.0	1406.0	1406.0	1406.0	1406.0	1400.0	1392.1	1388.2	1390.1
177.5°	1404.1	1403.3	1399.9	1396.6	1399.9	1403.3	1404.1	1399.4	1393.1	1390.1	1391.5
180°	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6	1396.6



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1913.4	1913.4	1913.4	1913.4	1913.4
2.5°	1889.9	1898.9	1904.4	1911.6	1929.7
5°	1817.5	1851.9	1862.7	1889.9	1922.5
7.5°	1658.2	1763.2	1792.1	1857.3	1908.0
10°	1504.3	1609.3	1660.0	1813.9	1889.9
12.5°	1426.4	1488.0	1522.4	1737.8	1864.5
15°	1377.6	1421.0	1446.4	1636.4	1835.6
17.5°	1339.5	1370.3	1388.4	1536.9	1795.7
20°	1316.0	1330.5	1346.8	1464.5	1750.5
22.5°	1299.7	1290.7	1303.3	1413.8	1688.9
25°	1288.9	1254.5	1268.9	1373.9	1616.5
27.5°	1297.9	1221.9	1227.3	1337.7	1540.5
30°	1299.7	1182.0	1183.9	1299.7	1455.4
32.5°	1287.0	1140.4	1142.2	1252.7	1359.5
35°	1256.3	1091.5	1089.7	1198.3	1229.1
37.5°	1214.6	1039.1	1039.1	1138.6	1086.1
40°	1163.9	986.6	992.1	1060.8	959.5
42.5°	1102.4	930.5	937.7	957.7	865.3
45°	1035.5	876.2	881.6	809.2	792.9
47.5°	961.3	820.1	821.9	671.6	769.4
50°	872.6	762.1	754.9	575.7	767.6
52.5°	794.7	698.8	677.1	521.4	697.0
55°	718.7	631.8	584.7	479.7	646.3
57.5°	651.7	544.9	499.6	430.9	635.4
60°	590.2	459.8	425.4	378.4	582.9
62.5°	539.5	396.5	389.2	342.2	528.6
65°	485.2	353.0	351.2	311.4	449.0
67.5°	432.7	324.0	322.2	282.4	342.2
70°	376.5	293.3	289.7	251.6	253.4
72.5°	318.6	258.9	255.3	226.3	210.0
75°	260.7	219.0	217.2	197.3	170.2
77.5°	204.6	173.8	177.4	159.3	124.9
80°	146.6	126.7	130.3	114.1	94.1
82.5°	97.8	83.3	86.9	72.4	63.4
85°	54.3	47.1	48.9	38.0	29.0
87.5°	25.3	21.7	21.7	14.5	9.1
90°	41.3	26.2	24.3	16.9	9.4
92.5°	254.4	180.9	165.0	101.2	37.5
95°	625.8	352.5	323.3	206.6	90.0
97.5°	843.0	387.1	361.4	258.5	155.6
100°	922.0	416.2	392.8	299.5	206.2
102.5°	958.3	445.2	423.4	336.4	249.3
105°	985.1	488.3	469.9	396.2	322.4
107.5°	990.1	552.1	534.9	466.2	397.5
110°	982.6	587.7	572.2	510.1	448.1



TEST NUMBER: P935567

CATALOG NUMBER: SQ4-FA-125U-075D-93050-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	982.9	630.8	616.1	556.9	497.7
115°	992.0	695.4	681.8	627.3	572.7
117.5°	1010.4	758.3	745.9	696.3	646.7
120°	1025.4	794.8	783.1	736.5	689.8
122.5°	1046.9	837.9	826.1	779.1	732.0
125°	1076.0	893.2	882.5	839.6	796.7
127.5°	1105.1	946.7	935.8	892.6	849.2
130°	1126.3	982.3	970.6	924.0	877.3
132.5°	1143.5	1011.3	999.7	953.0	906.3
135°	1162.2	1045.1	1034.5	992.0	949.5
137.5°	1190.4	1088.2	1077.7	1035.6	993.5
140°	1207.6	1117.2	1107.6	1068.8	1030.1
142.5°	1221.9	1138.8	1129.8	1094.1	1058.2
145°	1240.7	1171.6	1163.9	1132.5	1101.3
147.5°	1268.2	1212.9	1205.3	1174.9	1144.5
150°	1282.5	1234.5	1227.6	1200.1	1172.5
152.5°	1291.9	1248.5	1243.2	1222.4	1201.6
155°	1312.6	1279.4	1275.6	1260.2	1244.8
157.5°	1333.1	1310.3	1306.6	1291.6	1276.6
160°	1342.5	1324.4	1321.5	1309.9	1298.2
162.5°	1352.5	1339.4	1337.2	1328.4	1319.7
165°	1366.9	1361.0	1359.0	1351.1	1343.2
167.5°	1378.1	1373.1	1372.2	1368.4	1364.7
170°	1387.5	1387.2	1386.3	1382.5	1378.7
172.5°	1388.2	1388.2	1388.0	1387.1	1386.3
175°	1393.8	1396.6	1396.6	1396.6	1396.6
177.5°	1394.4	1396.6	1396.6	1396.6	1396.6
180°	1396.6	1396.6	1396.6	1396.6	1396.6



TEST NUMBER: P935567
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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	10.87	11.62	11.94	12.69	14.16	13.71	14.45	14.78	15.53	16.99
	3H	11.34	12.01	12.42	13.09	14.57	15.05	15.71	16.13	16.80	18.28
	4H	11.53	12.16	12.62	13.24	14.73	15.49	16.12	16.58	17.20	18.69
	6H	11.64	12.22	12.74	13.31	14.81	15.77	16.35	16.87	17.44	18.94
	8H	11.64	12.19	12.74	13.29	14.79	15.84	16.39	16.95	17.50	18.99
	12H	11.60	12.13	12.71	13.23	14.74	15.88	16.40	16.99	17.50	19.02
4H	2H	11.89	12.52	12.99	13.61	15.10	14.10	14.74	15.20	15.82	17.31
	3H	12.91	13.43	14.01	14.55	16.05	15.60	16.13	16.71	17.24	18.74
	4H	13.18	13.66	14.29	14.76	16.29	16.13	16.61	17.24	17.71	19.23
	6H	13.30	13.71	14.42	14.84	16.35	16.49	16.90	17.61	18.02	19.54
	8H	13.30	13.69	14.42	14.80	16.33	16.59	16.98	17.71	18.09	19.63
	12H	13.26	13.61	14.40	14.74	16.28	16.64	16.99	17.78	18.12	19.66
8H	4H	13.62	14.01	14.74	15.13	16.66	16.24	16.63	17.36	17.74	19.27
	6H	13.88	14.20	15.02	15.36	16.89	16.67	16.99	17.81	18.15	19.68
	8H	13.92	14.20	15.07	15.34	16.89	16.83	17.11	17.97	18.24	19.79
	12H	13.90	14.15	15.05	15.28	16.87	16.92	17.17	18.07	18.30	19.89
12H	4H	13.62	13.98	14.76	15.10	16.64	16.20	16.55	17.33	17.68	19.21
	6H	13.94	14.22	15.09	15.36	16.91	16.67	16.95	17.82	18.09	19.64
	8H	14.00	14.25	15.15	15.38	16.97	16.83	17.07	17.98	18.21	19.79