

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: P934627

Luminaire Tested: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-12-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934627
REPORT IS A COMBINATION OF REPORTS P933705 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-12-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

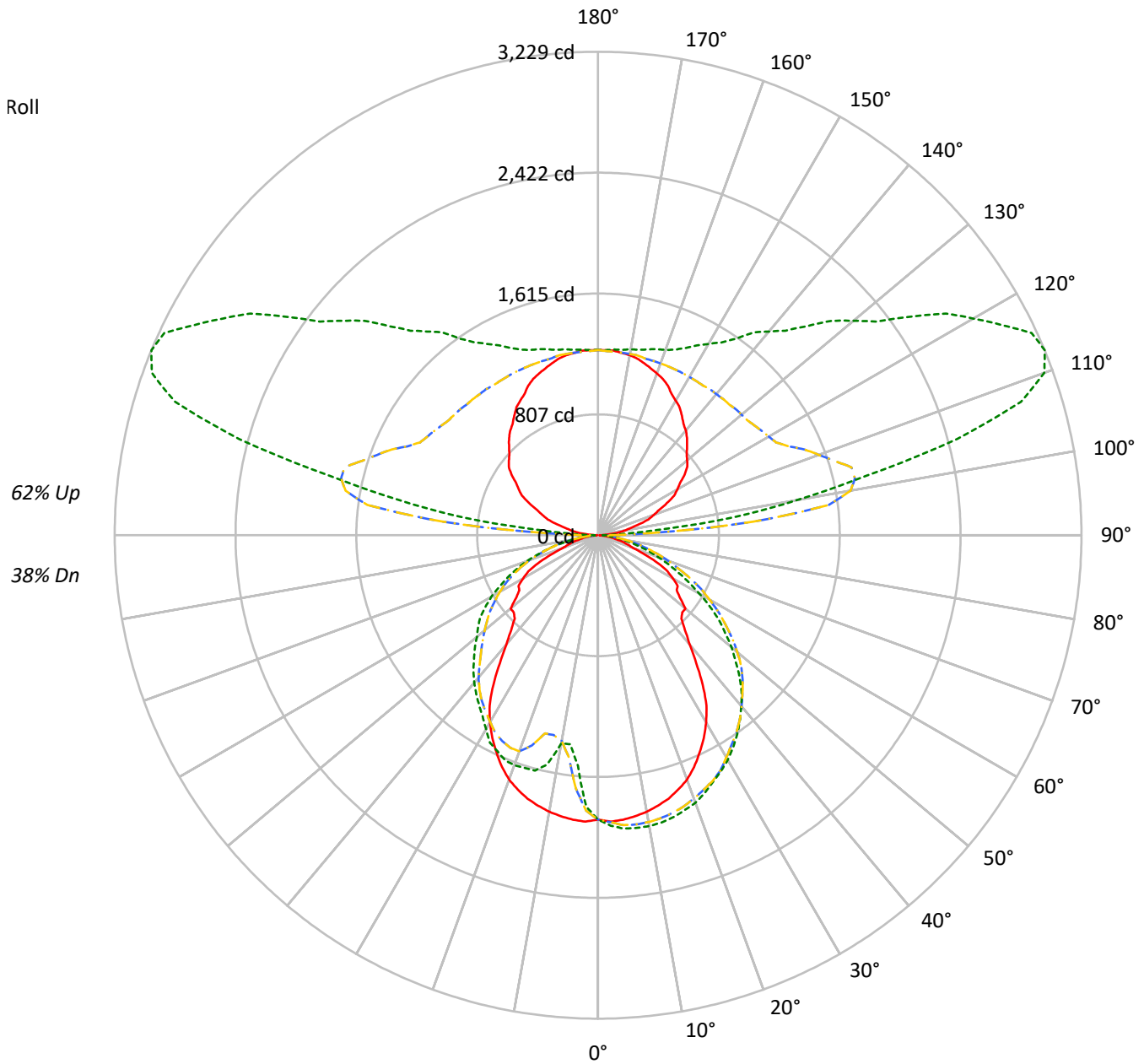
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12944.8 lumens
Efficiency: N/A
Efficacy: 125.4 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 103.2
Input Voltage (V): NR
Input Current (A_{in}): 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				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	104	104	104	104	95	95	95	95	77	77	77	60	60	60	45	45	45	38				38
1	95	91	87	84	86	83	79	77	67	65	63	53	52	50	40	39	38	32				32
2	87	79	73	68	78	72	67	63	59	55	52	47	44	42	35	34	32	27				27
3	79	70	63	57	71	64	57	52	52	47	44	41	38	35	31	29	27	23				23
4	72	62	54	48	65	56	50	44	46	41	37	37	33	30	28	25	24	20				20
5	66	55	47	41	60	50	43	38	41	36	32	33	29	26	25	22	20	17				17
6	61	49	41	35	55	45	38	33	37	32	28	30	26	23	23	20	18	15				15
7	56	44	36	31	51	40	34	29	33	28	24	27	23	20	21	18	16	13				13
8	52	40	32	27	47	37	30	25	30	25	22	24	21	18	19	16	14	12				12
9	48	36	29	24	44	33	27	22	28	23	19	22	19	16	17	15	13	11				11
10	45	33	26	22	41	31	24	20	26	21	17	21	17	14	16	14	12	10				10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5871	5871	5871	5871
5°	5918	5927	5918	4660
10°	5880	5838	5880	4174
15°	5818	5712	5818	4770
20°	5699	5562	5699	4780
25°	5452	5344	5452	4678
30°	5132	5162	5132	4456
35°	4578	4933	4578	4211
40°	3816	4662	3816	4027
45°	3412	4346	3412	3814
50°	3628	3969	3628	3601
55°	3417	3563	3417	3478
60°	3527	3026	3527	3186
65°	3203	2501	3203	2796
70°	2224	1994	2224	2344
75°	1956	1474	1956	1764
80°	1589	975	1589	1061
85°	930	516	930	439

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5227 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	171.4	1.3
10°-20°	486.5	3.8
20°-30°	752.1	5.8
30°-40°	897.8	6.9
40°-50°	903.1	7.0
50°-60°	785.8	6.1
60°-70°	557.1	4.3
70°-80°	294.8	2.3
80°-90°	78.1	0.6
90°-100°	602.9	4.7
100°-110°	1585.1	12.2
110°-120°	1643.6	12.7
120°-130°	1318.4	10.2
130°-140°	1034.4	8.0
140°-150°	794.0	6.1
150°-160°	571.8	4.4
160°-170°	349.9	2.7
170°-180°	118.2	0.9
0°-30°	1409.9	10.9
0°-40°	2307.8	17.8
0°-60°	3996.6	30.9
0°-90°	4926.6	38.1
90°-120°	3831.6	29.6
90°-150°	6978.3	53.9
90°-180°	8018.0	61.9
0°-180°	12944.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1898	1898	1898	1898	1898	
5°	1907	1966	1907	1546	1907	181
15°	1821	1949	1821	1627	1821	512
25°	1604	1818	1604	1591	1604	736
35°	1219	1622	1219	1385	1219	754
45°	787	1336	787	1173	787	630
55°	641	986	641	963	641	589
65°	445	594	445	664	445	426
75°	169	282	169	338	169	177
85°	29	72	29	61	29	39
90°	8	32	8	32	8	8
95°	80	364	80	364	80	88
105°	286	2482	286	2482	286	303
115°	507	3196	507	3196	507	501
125°	706	2545	706	2545	706	626
135°	841	1975	841	1975	841	651
145°	975	1602	975	1602	975	611
155°	1102	1380	1102	1380	1102	507
165°	1190	1285	1190	1285	1190	336
175°	1237	1245	1237	1245	1237	117
180°	1237	1237	1237	1237	1237	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2
2.5°	1914.4	1914.4	1925.2	1928.8	1928.8	1923.4	1918.1	1923.4	1939.6	1944.9	1943.1
5°	1907.3	1921.6	1941.4	1944.9	1948.6	1946.8	1943.1	1946.8	1964.7	1968.3	1970.1
7.5°	1892.9	1919.8	1944.9	1950.4	1955.7	1950.4	1948.6	1952.2	1970.1	1973.7	1973.7
10°	1874.9	1912.6	1941.4	1944.9	1950.4	1944.9	1944.9	1952.2	1970.1	1973.7	1975.5
12.5°	1849.8	1901.9	1928.8	1932.4	1939.6	1937.8	1936.0	1943.1	1961.2	1964.7	1964.7
15°	1821.0	1882.1	1907.3	1910.8	1923.4	1919.8	1919.8	1927.0	1946.8	1952.2	1950.4
17.5°	1781.6	1857.0	1885.7	1891.1	1900.1	1898.2	1900.1	1907.3	1925.2	1928.8	1930.6
20°	1736.7	1822.8	1857.0	1862.4	1871.4	1871.4	1871.4	1880.3	1898.2	1905.5	1905.5
22.5°	1675.6	1786.9	1822.8	1826.5	1837.2	1837.2	1840.9	1853.3	1869.5	1871.4	1871.4
25°	1603.8	1747.4	1777.9	1788.7	1799.5	1804.9	1810.3	1817.5	1822.8	1821.0	1822.8
27.5°	1528.3	1697.1	1736.7	1743.8	1758.2	1763.5	1770.8	1772.6	1774.4	1779.7	1776.1
30°	1443.9	1627.1	1686.3	1693.6	1716.9	1720.5	1713.3	1716.9	1725.9	1729.5	1733.0
32.5°	1348.7	1522.9	1634.3	1650.5	1672.0	1661.3	1659.4	1664.8	1679.2	1679.2	1682.8
35°	1219.4	1442.1	1585.8	1600.2	1616.4	1603.8	1610.9	1612.7	1621.7	1627.1	1625.3
37.5°	1077.6	1372.0	1535.5	1546.3	1558.9	1542.7	1553.4	1558.9	1566.0	1562.4	1562.4
40°	951.8	1262.5	1476.2	1483.4	1494.2	1481.7	1492.4	1496.0	1499.6	1496.0	1494.2
42.5°	858.4	1142.2	1413.4	1422.4	1415.2	1424.2	1427.7	1435.0	1429.5	1422.4	1422.4
45°	786.6	1109.9	1345.2	1355.9	1345.2	1359.5	1364.9	1364.9	1348.7	1345.2	1343.3
47.5°	763.3	1045.3	1276.9	1276.9	1271.5	1289.5	1298.4	1285.9	1269.8	1264.3	1264.3
50°	761.5	973.4	1183.5	1176.3	1201.5	1223.0	1214.1	1201.5	1188.9	1169.2	1169.2
52.5°	691.4	885.4	1063.2	1090.2	1129.6	1142.2	1127.8	1115.2	1093.7	1084.7	1077.6
55°	641.2	793.8	953.6	1007.5	1048.8	1065.0	1038.0	1025.4	993.1	987.8	984.2
57.5°	630.4	660.9	853.1	921.3	971.6	969.8	953.6	930.3	903.3	898.0	896.2
60°	578.3	477.7	745.3	826.1	878.2	872.8	858.4	836.9	811.7	808.2	804.6
62.5°	524.4	346.6	623.1	714.8	788.4	786.6	774.1	741.7	723.7	714.8	707.6
65°	445.4	290.9	443.6	594.5	700.4	704.0	677.1	653.8	633.9	623.1	621.4
67.5°	339.5	237.1	299.9	495.7	616.0	612.4	578.3	567.5	542.4	537.0	526.2
70°	251.5	158.1	208.3	402.3	533.4	524.4	497.5	484.9	461.6	449.0	441.8
72.5°	208.3	127.5	152.6	312.5	449.0	438.2	414.9	400.5	380.7	370.0	362.8
75°	168.8	134.7	116.8	231.6	364.5	357.4	335.8	321.4	305.3	290.9	292.7
77.5°	123.9	125.7	93.4	170.6	289.1	278.4	265.8	247.9	240.7	226.3	226.3
80°	93.4	98.8	70.1	116.8	208.3	208.3	197.5	185.0	172.4	165.2	165.2
82.5°	62.8	62.8	52.0	73.6	141.8	136.5	129.3	125.7	118.5	115.0	115.0
85°	28.7	35.9	32.3	44.9	77.2	80.8	80.8	77.2	75.4	71.9	73.6
87.5°	9.0	16.2	19.7	25.2	39.5	41.3	43.1	43.1	43.1	44.9	44.9
90°	8.3	14.9	21.5	23.2	36.5	54.3	63.1	56.1	42.0	31.5	31.5
92.5°	33.2	89.6	146.1	160.2	225.2	311.9	355.3	311.3	223.6	157.7	151.5
95°	79.7	183.0	286.4	312.1	554.2	877.1	1038.5	926.7	703.1	535.4	516.4
97.5°	137.8	229.0	320.1	342.9	746.6	1284.8	1554.0	1483.3	1342.0	1236.0	1199.9
100°	182.6	265.3	347.9	368.6	816.6	1413.8	1712.5	1717.7	1728.0	1735.8	1692.7
102.5°	220.8	298.0	375.0	394.3	848.6	1454.4	1757.4	1847.4	2027.4	2162.5	2125.6
105°	285.5	350.9	416.1	432.5	872.4	1459.1	1752.4	1954.2	2357.9	2660.5	2640.7
107.5°	352.0	412.8	473.7	489.0	876.9	1394.2	1652.8	1934.3	2497.3	2919.5	2924.3
110°	396.8	451.8	506.7	520.5	870.2	1336.6	1569.8	1884.5	2513.9	2985.9	3006.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	440.8	493.2	545.6	558.7	870.6	1286.4	1494.2	1816.3	2460.5	2943.6	2975.3
115°	507.2	555.5	603.9	615.9	878.5	1228.7	1403.7	1714.0	2334.6	2800.0	2844.0
117.5°	572.8	616.7	660.5	671.5	894.9	1192.5	1341.4	1621.4	2181.5	2601.5	2650.4
120°	611.0	652.3	693.6	703.9	908.2	1180.4	1316.5	1572.4	2084.1	2467.9	2515.3
122.5°	648.3	690.0	731.7	742.1	927.3	1174.1	1297.4	1527.8	1988.7	2334.3	2381.1
125°	705.6	743.6	781.7	791.1	953.0	1168.8	1276.7	1472.5	1863.9	2157.5	2200.6
127.5°	752.1	790.5	828.9	838.4	978.8	1165.8	1259.3	1427.4	1763.5	2015.5	2051.9
130°	777.0	818.4	859.6	869.9	997.5	1167.5	1252.6	1402.2	1701.4	1925.8	1959.4
132.5°	802.7	844.1	885.3	895.7	1012.7	1168.8	1246.8	1380.7	1648.6	1849.5	1879.6
135°	840.9	878.5	916.2	925.6	1029.4	1167.7	1236.9	1349.0	1573.3	1741.6	1767.5
137.5°	879.9	917.2	954.5	963.8	1054.3	1174.9	1235.2	1330.0	1519.7	1661.9	1683.1
140°	912.3	946.5	980.9	989.5	1069.4	1176.1	1229.4	1311.3	1475.1	1598.0	1617.8
142.5°	937.2	968.9	1000.6	1008.6	1082.2	1180.3	1229.4	1301.4	1445.2	1553.2	1570.2
145°	975.4	1003.0	1030.7	1037.7	1098.8	1180.3	1221.1	1279.9	1397.7	1485.9	1498.9
147.5°	1013.6	1040.5	1067.5	1074.2	1123.2	1188.4	1221.1	1267.4	1360.0	1429.4	1440.2
150°	1038.5	1062.8	1087.2	1093.3	1135.9	1192.7	1221.1	1260.2	1338.4	1397.0	1405.7
152.5°	1064.2	1082.7	1101.0	1105.7	1144.2	1195.5	1221.1	1254.5	1321.3	1371.3	1377.8
155°	1102.4	1116.0	1129.7	1133.1	1162.5	1201.6	1221.1	1247.7	1300.8	1340.6	1345.0
157.5°	1130.6	1143.9	1157.2	1160.5	1180.7	1207.6	1221.1	1241.7	1283.1	1314.0	1317.1
160°	1149.7	1160.0	1170.4	1173.0	1189.1	1210.4	1221.1	1238.8	1274.2	1300.8	1302.6
162.5°	1168.8	1176.6	1184.2	1186.2	1197.8	1213.3	1221.1	1236.0	1265.9	1288.3	1290.0
165°	1189.6	1196.6	1203.5	1205.3	1210.6	1217.6	1221.1	1231.8	1253.1	1269.2	1271.0
167.5°	1208.6	1211.9	1215.3	1216.1	1220.6	1226.5	1229.4	1236.4	1250.4	1260.9	1261.6
170°	1221.1	1224.4	1227.8	1228.6	1228.9	1229.2	1229.4	1236.4	1250.4	1260.9	1260.9
172.5°	1227.7	1228.4	1229.2	1229.4	1229.4	1229.4	1229.4	1234.9	1246.0	1254.3	1253.7
175°	1236.9	1236.9	1236.9	1236.9	1234.4	1231.1	1229.4	1232.9	1239.9	1245.2	1245.2
177.5°	1236.9	1236.9	1236.9	1236.9	1234.9	1232.4	1231.1	1233.9	1239.4	1243.5	1242.8
180°	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2
2.5°	1946.8	1941.4	1946.8	1943.1	1944.9	1939.6	1923.4	1918.1	1923.4	1928.8	1928.8
5°	1970.1	1966.5	1970.1	1970.1	1968.3	1964.7	1946.8	1943.1	1946.8	1948.6	1944.9
7.5°	1977.3	1971.9	1977.3	1973.7	1973.7	1970.1	1952.2	1948.6	1950.4	1955.7	1950.4
10°	1977.3	1971.9	1977.3	1975.5	1973.7	1970.1	1952.2	1944.9	1944.9	1950.4	1944.9
12.5°	1968.3	1964.7	1968.3	1964.7	1964.7	1961.2	1943.1	1936.0	1937.8	1939.6	1932.4
15°	1953.9	1948.6	1953.9	1950.4	1952.2	1946.8	1927.0	1919.8	1919.8	1923.4	1910.8
17.5°	1932.4	1925.2	1932.4	1930.6	1928.8	1925.2	1907.3	1900.1	1898.2	1900.1	1891.1
20°	1907.3	1901.9	1907.3	1905.5	1905.5	1898.2	1880.3	1871.4	1871.4	1871.4	1862.4
22.5°	1867.7	1862.4	1867.7	1871.4	1871.4	1869.5	1853.3	1840.9	1837.2	1837.2	1826.5
25°	1822.8	1817.5	1822.8	1822.8	1821.0	1822.8	1817.5	1810.3	1804.9	1799.5	1788.7
27.5°	1779.7	1776.1	1779.7	1776.1	1779.7	1774.4	1772.6	1770.8	1763.5	1758.2	1743.8
30°	1736.7	1733.0	1736.7	1733.0	1729.5	1725.9	1716.9	1713.3	1720.5	1716.9	1693.6
32.5°	1682.8	1679.2	1682.8	1682.8	1679.2	1679.2	1664.8	1659.4	1661.3	1672.0	1650.5
35°	1627.1	1621.7	1627.1	1625.3	1627.1	1621.7	1612.7	1610.9	1603.8	1616.4	1600.2
37.5°	1562.4	1557.1	1562.4	1562.4	1562.4	1566.0	1558.9	1553.4	1542.7	1558.9	1546.3
40°	1496.0	1488.8	1496.0	1494.2	1496.0	1499.6	1496.0	1492.4	1481.7	1494.2	1483.4
42.5°	1420.6	1418.7	1420.6	1422.4	1422.4	1429.5	1435.0	1427.7	1424.2	1415.2	1422.4
45°	1339.7	1336.2	1339.7	1343.3	1345.2	1348.7	1364.9	1364.9	1359.5	1345.2	1355.9
47.5°	1253.5	1244.6	1253.5	1264.3	1264.3	1269.8	1285.9	1298.4	1289.5	1271.5	1276.9
50°	1161.9	1163.7	1161.9	1169.2	1169.2	1188.9	1201.5	1214.1	1223.0	1201.5	1176.3
52.5°	1072.1	1070.3	1072.1	1077.6	1084.7	1093.7	1115.2	1127.8	1142.2	1129.6	1090.2
55°	982.3	986.0	982.3	984.2	987.8	993.1	1025.4	1038.0	1065.0	1048.8	1007.5
57.5°	892.5	887.2	892.5	896.2	898.0	903.3	930.3	953.6	969.8	971.6	921.3
60°	788.4	781.2	788.4	804.6	808.2	811.7	836.9	858.4	872.8	878.2	826.1
62.5°	696.8	684.3	696.8	707.6	714.8	723.7	741.7	774.1	786.6	788.4	714.8
65°	599.8	594.5	599.8	621.4	623.1	633.9	653.8	677.1	704.0	700.4	594.5
67.5°	511.8	511.8	511.8	526.2	537.0	542.4	567.5	578.3	612.4	616.0	495.7
70°	431.0	429.3	431.0	441.8	449.0	461.6	484.9	497.5	524.4	533.4	402.3
72.5°	353.8	352.0	353.8	362.8	370.0	380.7	400.5	414.9	438.2	449.0	312.5
75°	285.5	282.0	285.5	292.7	290.9	305.3	321.4	335.8	357.4	364.5	231.6
77.5°	219.1	219.1	219.1	226.3	226.3	240.7	247.9	265.8	278.4	289.1	170.6
80°	163.4	161.7	163.4	165.2	165.2	172.4	185.0	197.5	208.3	208.3	116.8
82.5°	115.0	111.3	115.0	115.0	115.0	118.5	125.7	129.3	136.5	141.8	73.6
85°	71.9	71.9	71.9	73.6	71.9	75.4	77.2	80.8	80.8	77.2	44.9
87.5°	46.7	44.9	46.7	44.9	44.9	43.1	43.1	43.1	41.3	39.5	25.2
90°	31.5	31.5	31.5	31.5	31.5	42.0	56.1	63.1	54.3	36.5	23.2
92.5°	126.4	101.3	126.4	151.5	157.7	223.6	311.3	355.3	311.9	225.2	160.2
95°	440.4	364.5	440.4	516.4	535.4	703.1	926.7	1038.5	877.1	554.2	312.1
97.5°	1055.3	910.7	1055.3	1199.9	1236.0	1342.0	1483.3	1554.0	1284.8	746.6	342.9
100°	1520.4	1348.1	1520.4	1692.7	1735.8	1728.0	1717.7	1712.5	1413.8	816.6	368.6
102.5°	1978.0	1830.4	1978.0	2125.6	2162.5	2027.4	1847.4	1757.4	1454.4	848.6	394.3
105°	2561.4	2482.0	2561.4	2640.7	2660.5	2357.9	1954.2	1752.4	1459.1	872.4	432.5
107.5°	2943.5	2962.7	2943.5	2924.3	2919.5	2497.3	1934.3	1652.8	1394.2	876.9	489.0
110°	3089.2	3171.8	3089.2	3006.5	2985.9	2513.9	1884.5	1569.8	1336.6	870.2	520.5



TEST NUMBER: P934627

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3102.2	3229.1	3102.2	2975.3	2943.6	2460.5	1816.3	1494.2	1286.4	870.6	558.7
115°	3019.9	3195.9	3019.9	2844.0	2800.0	2334.6	1714.0	1403.7	1228.7	878.5	615.9
117.5°	2845.5	3040.7	2845.5	2650.4	2601.5	2181.5	1621.4	1341.4	1192.5	894.9	671.5
120°	2705.0	2894.6	2705.0	2515.3	2467.9	2084.1	1572.4	1316.5	1180.4	908.2	703.9
122.5°	2568.1	2755.2	2568.1	2381.1	2334.3	1988.7	1527.8	1297.4	1174.1	927.3	742.1
125°	2372.9	2545.1	2372.9	2200.6	2157.5	1863.9	1472.5	1276.7	1168.8	953.0	791.1
127.5°	2197.3	2342.6	2197.3	2051.9	2015.5	1763.5	1427.4	1259.3	1165.8	978.8	838.4
130°	2093.7	2228.1	2093.7	1959.4	1925.8	1701.4	1402.2	1252.6	1167.5	997.5	869.9
132.5°	1999.8	2120.2	1999.8	1879.6	1849.5	1648.6	1380.7	1246.8	1168.8	1012.7	895.7
135°	1871.2	1974.8	1871.2	1767.5	1741.6	1573.3	1349.0	1236.9	1167.7	1029.4	925.6
137.5°	1767.9	1852.8	1767.9	1683.1	1661.9	1519.7	1330.0	1235.2	1174.9	1054.3	963.8
140°	1697.1	1776.4	1697.1	1617.8	1598.0	1475.1	1311.3	1229.4	1176.1	1069.4	989.5
142.5°	1638.5	1706.7	1638.5	1570.2	1553.2	1445.2	1301.4	1229.4	1180.3	1082.2	1008.6
145°	1550.5	1602.1	1550.5	1498.9	1485.9	1397.7	1279.9	1221.1	1180.3	1098.8	1037.7
147.5°	1482.9	1525.8	1482.9	1440.2	1429.4	1360.0	1267.4	1221.1	1188.4	1123.2	1074.2
150°	1440.4	1475.1	1440.4	1405.7	1397.0	1338.4	1260.2	1221.1	1192.7	1135.9	1093.3
152.5°	1404.1	1430.2	1404.1	1377.8	1371.3	1321.3	1254.5	1221.1	1195.5	1144.2	1105.7
155°	1362.3	1379.6	1362.3	1345.0	1340.6	1300.8	1247.7	1221.1	1201.6	1162.5	1133.1
157.5°	1329.3	1341.4	1329.3	1317.1	1314.0	1283.1	1241.7	1221.1	1207.6	1180.7	1160.5
160°	1309.6	1316.5	1309.6	1302.6	1300.8	1274.2	1238.8	1221.1	1210.4	1189.1	1173.0
162.5°	1296.6	1303.3	1296.6	1290.0	1288.3	1265.9	1236.0	1221.1	1213.3	1197.8	1186.2
165°	1278.0	1285.0	1278.0	1271.0	1269.2	1253.1	1231.8	1221.1	1217.6	1210.6	1205.3
167.5°	1264.7	1267.6	1264.7	1261.6	1260.9	1250.4	1236.4	1229.4	1226.5	1220.6	1216.1
170°	1260.9	1260.9	1260.9	1260.9	1260.9	1250.4	1236.4	1229.4	1229.2	1228.9	1228.6
172.5°	1251.1	1248.5	1251.1	1253.7	1254.3	1246.0	1234.9	1229.4	1229.4	1229.4	1229.4
175°	1245.2	1245.2	1245.2	1245.2	1245.2	1239.9	1232.9	1229.4	1231.1	1234.4	1236.9
177.5°	1239.8	1236.9	1239.8	1242.8	1243.5	1239.4	1233.9	1231.1	1232.4	1234.9	1236.9
180°	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9



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CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2
2.5°	1925.2	1914.4	1914.4	1896.5	1889.3	1883.9	1874.9	1848.0	1840.9	1833.6	1844.4
5°	1941.4	1921.6	1907.3	1874.9	1848.0	1837.2	1803.1	1738.5	1695.4	1663.0	1645.1
7.5°	1944.9	1919.8	1892.9	1842.6	1777.9	1749.2	1645.1	1526.6	1494.2	1465.5	1447.5
10°	1941.4	1912.6	1874.9	1799.5	1646.9	1596.5	1492.4	1415.2	1395.4	1390.1	1395.4
12.5°	1928.8	1901.9	1849.8	1724.1	1510.4	1476.2	1415.2	1370.3	1366.7	1375.7	1424.2
15°	1907.3	1882.1	1821.0	1623.5	1435.0	1409.8	1366.7	1350.5	1370.3	1433.1	1578.6
17.5°	1885.7	1857.0	1781.6	1524.8	1377.5	1359.5	1328.9	1361.3	1472.6	1557.1	1605.6
20°	1857.0	1822.8	1736.7	1452.9	1336.2	1320.0	1305.6	1451.1	1535.5	1566.0	1593.0
22.5°	1822.8	1786.9	1675.6	1402.6	1293.0	1280.5	1289.5	1501.4	1535.5	1557.1	1580.4
25°	1777.9	1747.4	1603.8	1363.1	1259.0	1244.6	1278.7	1496.0	1515.8	1521.1	1567.8
27.5°	1736.7	1697.1	1528.3	1327.1	1217.6	1212.3	1287.7	1472.6	1487.0	1492.4	1542.7
30°	1686.3	1627.1	1443.9	1289.5	1174.5	1172.7	1289.5	1443.9	1440.3	1454.7	1505.0
32.5°	1634.3	1522.9	1348.7	1242.8	1133.2	1131.4	1276.9	1400.8	1397.2	1416.9	1454.7
35°	1585.8	1442.1	1219.4	1188.9	1081.1	1082.9	1246.4	1350.5	1352.3	1370.3	1393.6
37.5°	1535.5	1372.0	1077.6	1129.6	1030.9	1030.9	1205.0	1303.9	1300.3	1305.6	1337.9
40°	1476.2	1262.5	951.8	1052.4	984.2	978.8	1154.8	1253.5	1241.0	1239.2	1284.0
42.5°	1413.4	1142.2	858.4	950.0	930.3	923.1	1093.7	1192.5	1169.2	1174.5	1232.0
45°	1345.2	1109.9	786.6	802.7	874.6	869.2	1027.2	1122.5	1106.3	1120.7	1180.0
47.5°	1276.9	1045.3	763.3	666.3	815.3	813.5	953.6	1054.2	1045.3	1059.6	1122.5
50°	1183.5	973.4	761.5	571.1	748.9	756.0	865.7	987.8	987.8	1000.4	1066.8
52.5°	1063.2	885.4	691.4	517.2	671.7	693.2	788.4	930.3	933.9	946.4	1005.7
55°	953.6	793.8	641.2	475.9	580.1	626.8	712.9	871.0	878.2	890.7	944.7
57.5°	853.1	660.9	630.4	427.4	495.7	540.6	646.5	813.5	817.1	827.9	880.0
60°	745.3	477.7	578.3	375.3	422.0	456.1	585.5	745.3	757.8	765.1	810.0
62.5°	623.1	346.6	524.4	339.5	386.1	393.3	535.2	680.6	696.8	702.2	729.2
65°	443.6	290.9	445.4	308.9	348.4	350.2	481.3	614.2	628.6	637.5	657.3
67.5°	299.9	237.1	339.5	280.2	319.6	321.4	429.3	537.0	556.7	564.0	576.5
70°	208.3	158.1	251.5	249.7	287.3	290.9	373.6	466.9	484.9	490.3	497.5
72.5°	152.6	127.5	208.3	224.5	253.2	256.8	316.1	387.9	405.9	411.2	414.9
75°	116.8	134.7	168.8	195.8	215.5	217.3	258.6	316.1	328.7	332.2	334.0
77.5°	93.4	125.7	123.9	158.1	176.0	172.4	203.0	244.2	255.0	255.0	255.0
80°	70.1	98.8	93.4	113.2	129.3	125.7	145.5	174.2	177.8	181.4	179.6
82.5°	52.0	62.8	62.8	71.9	86.2	82.7	96.9	113.2	113.2	113.2	116.8
85°	32.3	35.9	28.7	37.8	48.5	46.7	53.9	61.1	62.8	62.8	59.3
87.5°	19.7	16.2	9.0	14.4	21.5	21.5	25.2	27.0	25.2	25.2	25.2
90°	21.5	14.9	8.3	14.9	21.5	23.2	36.5	54.3	63.1	56.1	42.0
92.5°	146.1	89.6	33.2	89.6	146.1	160.2	225.2	311.9	355.3	311.3	223.6
95°	286.4	183.0	79.7	183.0	286.4	312.1	554.2	877.1	1038.5	926.7	703.1
97.5°	320.1	229.0	137.8	229.0	320.1	342.9	746.6	1284.8	1554.0	1483.3	1342.0
100°	347.9	265.3	182.6	265.3	347.9	368.6	816.6	1413.8	1712.5	1717.7	1728.0
102.5°	375.0	298.0	220.8	298.0	375.0	394.3	848.6	1454.4	1757.4	1847.4	2027.4
105°	416.1	350.9	285.5	350.9	416.1	432.5	872.4	1459.1	1752.4	1954.2	2357.9
107.5°	473.7	412.8	352.0	412.8	473.7	489.0	876.9	1394.2	1652.8	1934.3	2497.3
110°	506.7	451.8	396.8	451.8	506.7	520.5	870.2	1336.6	1569.8	1884.5	2513.9



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CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	545.6	493.2	440.8	493.2	545.6	558.7	870.6	1286.4	1494.2	1816.3	2460.5
115°	603.9	555.5	507.2	555.5	603.9	615.9	878.5	1228.7	1403.7	1714.0	2334.6
117.5°	660.5	616.7	572.8	616.7	660.5	671.5	894.9	1192.5	1341.4	1621.4	2181.5
120°	693.6	652.3	611.0	652.3	693.6	703.9	908.2	1180.4	1316.5	1572.4	2084.1
122.5°	731.7	690.0	648.3	690.0	731.7	742.1	927.3	1174.1	1297.4	1527.8	1988.7
125°	781.7	743.6	705.6	743.6	781.7	791.1	953.0	1168.8	1276.7	1472.5	1863.9
127.5°	828.9	790.5	752.1	790.5	828.9	838.4	978.8	1165.8	1259.3	1427.4	1763.5
130°	859.6	818.4	777.0	818.4	859.6	869.9	997.5	1167.5	1252.6	1402.2	1701.4
132.5°	885.3	844.1	802.7	844.1	885.3	895.7	1012.7	1168.8	1246.8	1380.7	1648.6
135°	916.2	878.5	840.9	878.5	916.2	925.6	1029.4	1167.7	1236.9	1349.0	1573.3
137.5°	954.5	917.2	879.9	917.2	954.5	963.8	1054.3	1174.9	1235.2	1330.0	1519.7
140°	980.9	946.5	912.3	946.5	980.9	989.5	1069.4	1176.1	1229.4	1311.3	1475.1
142.5°	1000.6	968.9	937.2	968.9	1000.6	1008.6	1082.2	1180.3	1229.4	1301.4	1445.2
145°	1030.7	1003.0	975.4	1003.0	1030.7	1037.7	1098.8	1180.3	1221.1	1279.9	1397.7
147.5°	1067.5	1040.5	1013.6	1040.5	1067.5	1074.2	1123.2	1188.4	1221.1	1267.4	1360.0
150°	1087.2	1062.8	1038.5	1062.8	1087.2	1093.3	1135.9	1192.7	1221.1	1260.2	1338.4
152.5°	1101.0	1082.7	1064.2	1082.7	1101.0	1105.7	1144.2	1195.5	1221.1	1254.5	1321.3
155°	1129.7	1116.0	1102.4	1116.0	1129.7	1133.1	1162.5	1201.6	1221.1	1247.7	1300.8
157.5°	1157.2	1143.9	1130.6	1143.9	1157.2	1160.5	1180.7	1207.6	1221.1	1241.7	1283.1
160°	1170.4	1160.0	1149.7	1160.0	1170.4	1173.0	1189.1	1210.4	1221.1	1238.8	1274.2
162.5°	1184.2	1176.6	1168.8	1176.6	1184.2	1186.2	1197.8	1213.3	1221.1	1236.0	1265.9
165°	1203.5	1196.6	1189.6	1196.6	1203.5	1205.3	1210.6	1217.6	1221.1	1231.8	1253.1
167.5°	1215.3	1211.9	1208.6	1211.9	1215.3	1216.1	1220.6	1226.5	1229.4	1236.4	1250.4
170°	1227.8	1224.4	1221.1	1224.4	1227.8	1228.6	1228.9	1229.2	1229.4	1236.4	1250.4
172.5°	1229.2	1228.4	1227.7	1228.4	1229.2	1229.4	1229.4	1229.4	1229.4	1234.9	1246.0
175°	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1234.4	1231.1	1229.4	1232.9	1239.9
177.5°	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1234.9	1232.4	1231.1	1233.9	1239.4
180°	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9



TEST NUMBER: P934627

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2	1898.2
2.5°	1831.8	1826.5	1833.6	1813.9	1833.6	1826.5	1831.8	1844.4	1833.6	1840.9	1848.0
5°	1607.3	1598.3	1569.7	1546.3	1569.7	1598.3	1607.3	1645.1	1663.0	1695.4	1738.5
7.5°	1436.8	1429.5	1422.4	1408.0	1422.4	1429.5	1436.8	1447.5	1465.5	1494.2	1526.6
10°	1399.0	1400.8	1411.6	1409.8	1411.6	1400.8	1399.0	1395.4	1390.1	1395.4	1415.2
12.5°	1496.0	1512.2	1571.5	1567.8	1571.5	1512.2	1496.0	1424.2	1375.7	1366.7	1370.3
15°	1607.3	1612.7	1625.3	1627.1	1625.3	1612.7	1607.3	1578.6	1433.1	1370.3	1350.5
17.5°	1618.1	1619.9	1628.9	1628.9	1628.9	1619.9	1618.1	1605.6	1557.1	1472.6	1361.3
20°	1609.1	1612.7	1630.7	1634.3	1630.7	1612.7	1609.1	1593.0	1566.0	1535.5	1451.1
22.5°	1605.6	1612.7	1627.1	1625.3	1627.1	1612.7	1605.6	1580.4	1557.1	1535.5	1501.4
25°	1587.6	1587.6	1589.4	1591.2	1589.4	1587.6	1587.6	1567.8	1521.1	1515.8	1496.0
27.5°	1549.9	1553.4	1564.2	1562.4	1564.2	1553.4	1549.9	1542.7	1492.4	1487.0	1472.6
30°	1515.8	1512.2	1503.2	1496.0	1503.2	1512.2	1515.8	1505.0	1454.7	1440.3	1443.9
32.5°	1458.3	1449.3	1440.3	1435.0	1440.3	1449.3	1458.3	1454.7	1416.9	1397.2	1400.8
35°	1390.1	1391.9	1390.1	1384.6	1390.1	1391.9	1390.1	1393.6	1370.3	1352.3	1350.5
37.5°	1341.5	1345.2	1343.3	1336.2	1343.3	1345.2	1341.5	1337.9	1305.6	1300.3	1303.9
40°	1291.3	1293.0	1291.3	1285.9	1291.3	1293.0	1291.3	1284.0	1239.2	1241.0	1253.5
42.5°	1242.8	1241.0	1235.6	1232.0	1235.6	1241.0	1242.8	1232.0	1174.5	1169.2	1192.5
45°	1187.1	1188.9	1178.1	1172.7	1178.1	1188.9	1187.1	1180.0	1120.7	1106.3	1122.5
47.5°	1131.4	1131.4	1122.5	1117.0	1122.5	1131.4	1131.4	1122.5	1059.6	1045.3	1054.2
50°	1072.1	1070.3	1057.8	1056.0	1057.8	1070.3	1072.1	1066.8	1000.4	987.8	987.8
52.5°	1003.9	1003.9	1005.7	1009.3	1005.7	1003.9	1003.9	1005.7	946.4	933.9	930.3
55°	944.7	946.4	959.0	962.6	959.0	946.4	944.7	944.7	890.7	878.2	871.0
57.5°	883.6	883.6	892.5	892.5	892.5	883.6	883.6	880.0	827.9	817.1	813.5
60°	813.5	817.1	824.3	822.5	824.3	817.1	813.5	810.0	765.1	757.8	745.3
62.5°	739.9	743.6	745.3	741.7	745.3	743.6	739.9	729.2	702.2	696.8	680.6
65°	662.7	666.3	668.0	664.5	668.0	666.3	662.7	657.3	637.5	628.6	614.2
67.5°	583.7	581.9	580.1	587.3	580.1	581.9	583.7	576.5	564.0	556.7	537.0
70°	502.8	502.8	501.0	504.7	501.0	502.8	502.8	497.5	490.3	484.9	466.9
72.5°	416.7	414.9	422.0	416.7	422.0	414.9	416.7	414.9	411.2	405.9	387.9
75°	332.2	335.8	332.2	337.6	332.2	335.8	332.2	334.0	332.2	328.7	316.1
77.5°	253.2	256.8	253.2	253.2	253.2	256.8	253.2	255.0	255.0	255.0	244.2
80°	179.6	177.8	177.8	176.0	177.8	177.8	179.6	179.6	181.4	177.8	174.2
82.5°	115.0	113.2	113.2	116.8	113.2	113.2	115.0	116.8	113.2	113.2	113.2
85°	62.8	64.6	61.1	61.1	61.1	64.6	62.8	59.3	62.8	62.8	61.1
87.5°	23.4	21.5	21.5	21.5	21.5	21.5	23.4	25.2	25.2	25.2	27.0
90°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	42.0	56.1	63.1	54.3
92.5°	157.7	151.5	126.4	101.3	126.4	151.5	157.7	223.6	311.3	355.3	311.9
95°	535.4	516.4	440.4	364.5	440.4	516.4	535.4	703.1	926.7	1038.5	877.1
97.5°	1236.0	1199.9	1055.3	910.7	1055.3	1199.9	1236.0	1342.0	1483.3	1554.0	1284.8
100°	1735.8	1692.7	1520.4	1348.1	1520.4	1692.7	1735.8	1728.0	1717.7	1712.5	1413.8
102.5°	2162.5	2125.6	1978.0	1830.4	1978.0	2125.6	2162.5	2027.4	1847.4	1757.4	1454.4
105°	2660.5	2640.7	2561.4	2482.0	2561.4	2640.7	2660.5	2357.9	1954.2	1752.4	1459.1
107.5°	2919.5	2924.3	2943.5	2962.7	2943.5	2924.3	2919.5	2497.3	1934.3	1652.8	1394.2
110°	2985.9	3006.5	3089.2	3171.8	3089.2	3006.5	2985.9	2513.9	1884.5	1569.8	1336.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2943.6	2975.3	3102.2	3229.1	3102.2	2975.3	2943.6	2460.5	1816.3	1494.2	1286.4
115°	2800.0	2844.0	3019.9	3195.9	3019.9	2844.0	2800.0	2334.6	1714.0	1403.7	1228.7
117.5°	2601.5	2650.4	2845.5	3040.7	2845.5	2650.4	2601.5	2181.5	1621.4	1341.4	1192.5
120°	2467.9	2515.3	2705.0	2894.6	2705.0	2515.3	2467.9	2084.1	1572.4	1316.5	1180.4
122.5°	2334.3	2381.1	2568.1	2755.2	2568.1	2381.1	2334.3	1988.7	1527.8	1297.4	1174.1
125°	2157.5	2200.6	2372.9	2545.1	2372.9	2200.6	2157.5	1863.9	1472.5	1276.7	1168.8
127.5°	2015.5	2051.9	2197.3	2342.6	2197.3	2051.9	2015.5	1763.5	1427.4	1259.3	1165.8
130°	1925.8	1959.4	2093.7	2228.1	2093.7	1959.4	1925.8	1701.4	1402.2	1252.6	1167.5
132.5°	1849.5	1879.6	1999.8	2120.2	1999.8	1879.6	1849.5	1648.6	1380.7	1246.8	1168.8
135°	1741.6	1767.5	1871.2	1974.8	1871.2	1767.5	1741.6	1573.3	1349.0	1236.9	1167.7
137.5°	1661.9	1683.1	1767.9	1852.8	1767.9	1683.1	1661.9	1519.7	1330.0	1235.2	1174.9
140°	1598.0	1617.8	1697.1	1776.4	1697.1	1617.8	1598.0	1475.1	1311.3	1229.4	1176.1
142.5°	1553.2	1570.2	1638.5	1706.7	1638.5	1570.2	1553.2	1445.2	1301.4	1229.4	1180.3
145°	1485.9	1498.9	1550.5	1602.1	1550.5	1498.9	1485.9	1397.7	1279.9	1221.1	1180.3
147.5°	1429.4	1440.2	1482.9	1525.8	1482.9	1440.2	1429.4	1360.0	1267.4	1221.1	1188.4
150°	1397.0	1405.7	1440.4	1475.1	1440.4	1405.7	1397.0	1338.4	1260.2	1221.1	1192.7
152.5°	1371.3	1377.8	1404.1	1430.2	1404.1	1377.8	1371.3	1321.3	1254.5	1221.1	1195.5
155°	1340.6	1345.0	1362.3	1379.6	1362.3	1345.0	1340.6	1300.8	1247.7	1221.1	1201.6
157.5°	1314.0	1317.1	1329.3	1341.4	1329.3	1317.1	1314.0	1283.1	1241.7	1221.1	1207.6
160°	1300.8	1302.6	1309.6	1316.5	1309.6	1302.6	1300.8	1274.2	1238.8	1221.1	1210.4
162.5°	1288.3	1290.0	1296.6	1303.3	1296.6	1290.0	1288.3	1265.9	1236.0	1221.1	1213.3
165°	1269.2	1271.0	1278.0	1285.0	1278.0	1271.0	1269.2	1253.1	1231.8	1221.1	1217.6
167.5°	1260.9	1261.6	1264.7	1267.6	1264.7	1261.6	1260.9	1250.4	1236.4	1229.4	1226.5
170°	1260.9	1260.9	1260.9	1260.9	1260.9	1260.9	1260.9	1250.4	1236.4	1229.4	1229.2
172.5°	1254.3	1253.7	1251.1	1248.5	1251.1	1253.7	1254.3	1246.0	1234.9	1229.4	1229.4
175°	1245.2	1245.2	1245.2	1245.2	1245.2	1245.2	1245.2	1239.9	1232.9	1229.4	1231.1
177.5°	1243.5	1242.8	1239.8	1236.9	1239.8	1242.8	1243.5	1239.4	1233.9	1231.1	1232.4
180°	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9	1236.9



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1898.2	1898.2	1898.2	1898.2	1898.2
2.5°	1874.9	1883.9	1889.3	1896.5	1914.4
5°	1803.1	1837.2	1848.0	1874.9	1907.3
7.5°	1645.1	1749.2	1777.9	1842.6	1892.9
10°	1492.4	1596.5	1646.9	1799.5	1874.9
12.5°	1415.2	1476.2	1510.4	1724.1	1849.8
15°	1366.7	1409.8	1435.0	1623.5	1821.0
17.5°	1328.9	1359.5	1377.5	1524.8	1781.6
20°	1305.6	1320.0	1336.2	1452.9	1736.7
22.5°	1289.5	1280.5	1293.0	1402.6	1675.6
25°	1278.7	1244.6	1259.0	1363.1	1603.8
27.5°	1287.7	1212.3	1217.6	1327.1	1528.3
30°	1289.5	1172.7	1174.5	1289.5	1443.9
32.5°	1276.9	1131.4	1133.2	1242.8	1348.7
35°	1246.4	1082.9	1081.1	1188.9	1219.4
37.5°	1205.0	1030.9	1030.9	1129.6	1077.6
40°	1154.8	978.8	984.2	1052.4	951.8
42.5°	1093.7	923.1	930.3	950.0	858.4
45°	1027.2	869.2	874.6	802.7	786.6
47.5°	953.6	813.5	815.3	666.3	763.3
50°	865.7	756.0	748.9	571.1	761.5
52.5°	788.4	693.2	671.7	517.2	691.4
55°	712.9	626.8	580.1	475.9	641.2
57.5°	646.5	540.6	495.7	427.4	630.4
60°	585.5	456.1	422.0	375.3	578.3
62.5°	535.2	393.3	386.1	339.5	524.4
65°	481.3	350.2	348.4	308.9	445.4
67.5°	429.3	321.4	319.6	280.2	339.5
70°	373.6	290.9	287.3	249.7	251.5
72.5°	316.1	256.8	253.2	224.5	208.3
75°	258.6	217.3	215.5	195.8	168.8
77.5°	203.0	172.4	176.0	158.1	123.9
80°	145.5	125.7	129.3	113.2	93.4
82.5°	96.9	82.7	86.2	71.9	62.8
85°	53.9	46.7	48.5	37.8	28.7
87.5°	25.2	21.5	21.5	14.4	9.0
90°	36.5	23.2	21.5	14.9	8.3
92.5°	225.2	160.2	146.1	89.6	33.2
95°	554.2	312.1	286.4	183.0	79.7
97.5°	746.6	342.9	320.1	229.0	137.8
100°	816.6	368.6	347.9	265.3	182.6
102.5°	848.6	394.3	375.0	298.0	220.8
105°	872.4	432.5	416.1	350.9	285.5
107.5°	876.9	489.0	473.7	412.8	352.0
110°	870.2	520.5	506.7	451.8	396.8



TEST NUMBER: P934627

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	870.6	558.7	545.6	493.2	440.8
115°	878.5	615.9	603.9	555.5	507.2
117.5°	894.9	671.5	660.5	616.7	572.8
120°	908.2	703.9	693.6	652.3	611.0
122.5°	927.3	742.1	731.7	690.0	648.3
125°	953.0	791.1	781.7	743.6	705.6
127.5°	978.8	838.4	828.9	790.5	752.1
130°	997.5	869.9	859.6	818.4	777.0
132.5°	1012.7	895.7	885.3	844.1	802.7
135°	1029.4	925.6	916.2	878.5	840.9
137.5°	1054.3	963.8	954.5	917.2	879.9
140°	1069.4	989.5	980.9	946.5	912.3
142.5°	1082.2	1008.6	1000.6	968.9	937.2
145°	1098.8	1037.7	1030.7	1003.0	975.4
147.5°	1123.2	1074.2	1067.5	1040.5	1013.6
150°	1135.9	1093.3	1087.2	1062.8	1038.5
152.5°	1144.2	1105.7	1101.0	1082.7	1064.2
155°	1162.5	1133.1	1129.7	1116.0	1102.4
157.5°	1180.7	1160.5	1157.2	1143.9	1130.6
160°	1189.1	1173.0	1170.4	1160.0	1149.7
162.5°	1197.8	1186.2	1184.2	1176.6	1168.8
165°	1210.6	1205.3	1203.5	1196.6	1189.6
167.5°	1220.6	1216.1	1215.3	1211.9	1208.6
170°	1228.9	1228.6	1227.8	1224.4	1221.1
172.5°	1229.4	1229.4	1229.2	1228.4	1227.7
175°	1234.4	1236.9	1236.9	1236.9	1236.9
177.5°	1234.9	1236.9	1236.9	1236.9	1236.9
180°	1236.9	1236.9	1236.9	1236.9	1236.9



TEST NUMBER: P934627

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-12-3500K

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	9.75	10.51	10.80	11.57	13.00	12.60	13.36	13.65	14.42	15.85
	3H	10.22	10.90	11.28	11.97	13.42	13.94	14.63	15.00	15.69	17.14
	4H	10.40	11.05	11.48	12.12	13.58	14.39	15.03	15.46	16.10	17.56
	6H	10.52	11.11	11.60	12.18	13.65	14.67	15.27	15.75	16.34	17.81
	8H	10.51	11.08	11.60	12.17	13.63	14.75	15.31	15.83	16.40	17.86
	12H	10.48	11.02	11.57	12.10	13.59	14.78	15.32	15.88	16.40	17.89
4H	2H	10.77	11.42	11.85	12.49	13.94	12.99	13.64	14.07	14.71	16.17
	3H	11.79	12.33	12.88	13.42	14.90	14.50	15.04	15.58	16.13	17.60
	4H	12.06	12.56	13.16	13.64	15.13	15.02	15.52	16.12	16.61	18.10
	6H	12.18	12.61	13.28	13.71	15.20	15.39	15.81	16.49	16.92	18.41
	8H	12.18	12.58	13.29	13.68	15.18	15.50	15.89	16.60	16.99	18.50
	12H	12.15	12.51	13.27	13.62	15.12	15.55	15.91	16.67	17.03	18.53
8H	4H	12.51	12.91	13.61	14.01	15.51	15.14	15.54	16.24	16.64	18.14
	6H	12.77	13.10	13.89	14.24	15.74	15.58	15.91	16.70	17.05	18.55
	8H	12.81	13.10	13.94	14.22	15.74	15.73	16.02	16.86	17.14	18.66
	12H	12.79	13.04	13.92	14.16	15.72	15.83	16.08	16.97	17.20	18.76
12H	4H	12.51	12.87	13.63	13.99	15.49	15.10	15.46	16.22	16.57	18.08
	6H	12.83	13.12	13.96	14.24	15.76	15.57	15.86	16.70	16.99	18.50
	8H	12.89	13.14	14.03	14.26	15.82	15.73	15.99	16.87	17.11	18.66