

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: P934630

Luminaire Tested: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-12-6500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934630
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-12-6500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

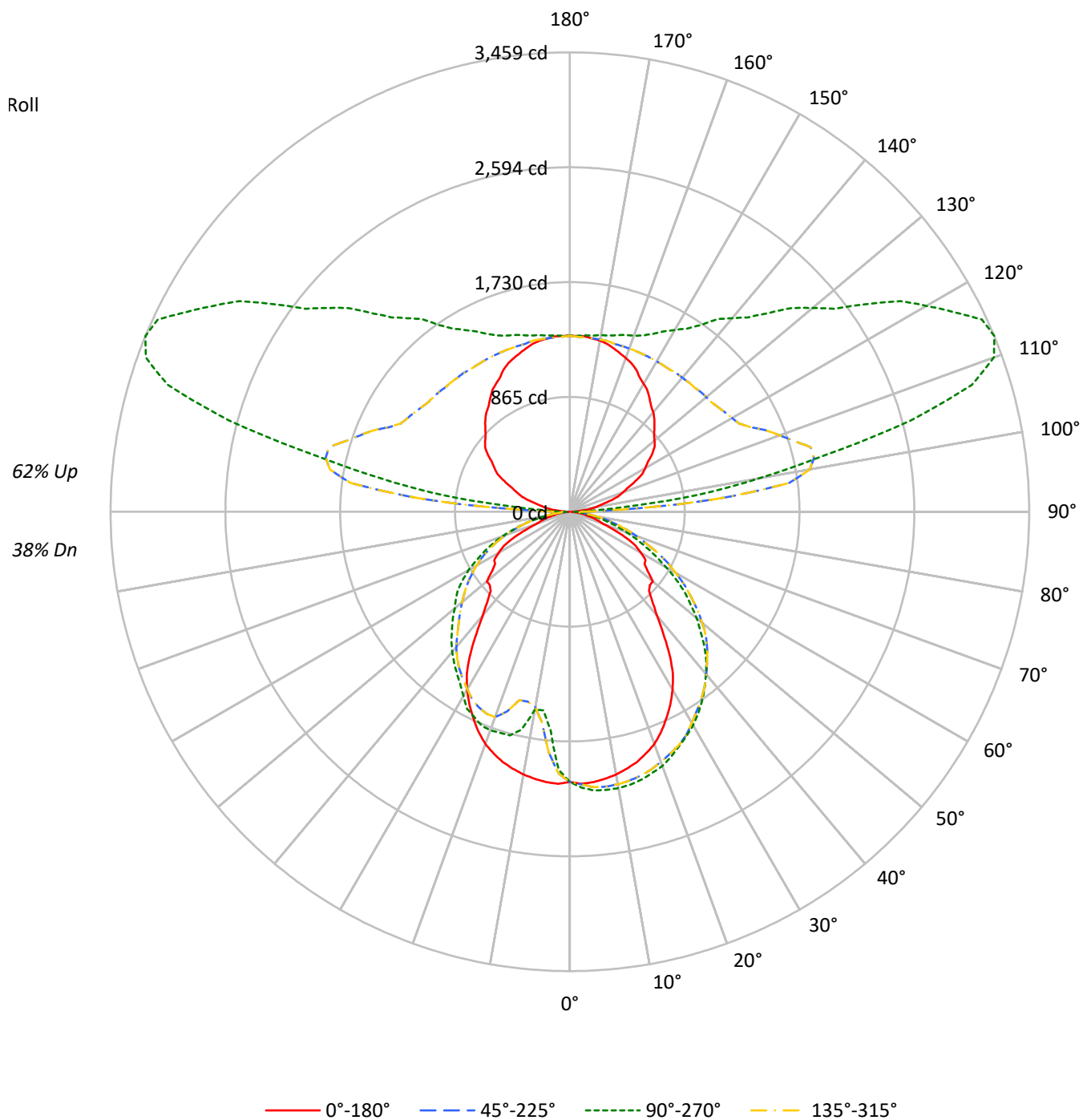
Lumens per Lamp: N/A
Luminaire Lumens: 13866.7 lumens
Efficiency: N/A
Efficacy: 134.4 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 103.2
Input Voltage (V): NR
Input Current (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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	6289	6289	6289	6289
5°	6339	6349	6339	4992
10°	6299	6254	6299	4471
15°	6233	6119	6233	5109
20°	6105	5958	6105	5120
25°	5841	5724	5841	5011
30°	5498	5529	5498	4773
35°	4904	5284	4904	4511
40°	4088	4994	4088	4314
45°	3655	4656	3655	4086
50°	3887	4251	3887	3858
55°	3660	3816	3660	3726
60°	3778	3241	3778	3412
65°	3431	2679	3431	2995
70°	2382	2135	2382	2510
75°	2096	1579	2096	1890
80°	1701	1044	1701	1137
85°	998	553	998	470

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 5599 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.6	1.3
10°-20°	521.2	3.8
20°-30°	805.6	5.8
30°-40°	961.8	6.9
40°-50°	967.4	7.0
50°-60°	841.7	6.1
60°-70°	596.8	4.3
70°-80°	315.7	2.3
80°-90°	83.7	0.6
90°-100°	645.8	4.7
100°-110°	1698.0	12.2
110°-120°	1760.6	12.7
120°-130°	1412.2	10.2
130°-140°	1108.1	8.0
140°-150°	850.5	6.1
150°-160°	612.5	4.4
160°-170°	374.8	2.7
170°-180°	126.6	0.9
0°-30°	1510.4	10.9
0°-40°	2472.1	17.8
0°-60°	4281.2	30.9
0°-90°	5277.5	38.1
90°-120°	4104.5	29.6
90°-150°	7475.3	53.9
90°-180°	8589.0	61.9
0°-180°	13866.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2033	2033	2033	2033	2033	
5°	2043	2107	2043	1656	2043	194
15°	1951	2087	1951	1743	1951	549
25°	1718	1947	1718	1704	1718	789
35°	1306	1737	1306	1483	1306	808
45°	843	1431	843	1256	843	675
55°	687	1056	687	1031	687	631
65°	477	637	477	712	477	456
75°	181	302	181	362	181	190
85°	31	77	31	65	31	42
90°	9	34	9	34	9	9
95°	85	390	85	390	85	95
105°	306	2659	306	2659	306	324
115°	543	3424	543	3424	543	537
125°	756	2726	756	2726	756	671
135°	901	2116	901	2116	901	697
145°	1045	1716	1045	1716	1045	655
155°	1181	1478	1181	1478	1181	543
165°	1274	1376	1274	1376	1274	360
175°	1325	1334	1325	1334	1325	126
180°	1325	1325	1325	1325	1325	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4
2.5°	2050.7	2050.7	2062.3	2066.1	2066.1	2060.4	2054.7	2060.4	2077.7	2083.4	2081.5
5°	2043.1	2058.5	2079.6	2083.4	2087.4	2085.5	2081.5	2085.5	2104.7	2108.5	2110.4
7.5°	2027.7	2056.6	2083.4	2089.3	2095.0	2089.3	2087.4	2091.2	2110.4	2114.2	2114.2
10°	2008.5	2048.8	2079.6	2083.4	2089.3	2083.4	2083.4	2091.2	2110.4	2114.2	2116.2
12.5°	1981.5	2037.4	2066.1	2070.1	2077.7	2075.8	2073.9	2081.5	2100.9	2104.7	2104.7
15°	1950.7	2016.1	2043.1	2046.9	2060.4	2056.6	2056.6	2064.2	2085.5	2091.2	2089.3
17.5°	1908.5	1989.3	2020.1	2025.8	2035.4	2033.4	2035.4	2043.1	2062.3	2066.1	2068.1
20°	1860.4	1952.6	1989.3	1995.0	2004.7	2004.7	2004.7	2014.2	2033.4	2041.2	2041.2
22.5°	1795.0	1914.2	1952.6	1956.6	1968.0	1968.0	1972.0	1985.3	2002.7	2004.7	2004.7
25°	1718.0	1871.8	1904.5	1916.1	1927.7	1933.4	1939.3	1946.9	1952.6	1950.7	1952.6
27.5°	1637.2	1818.0	1860.4	1868.0	1883.4	1889.2	1896.9	1898.8	1900.7	1906.5	1902.6
30°	1546.7	1742.9	1806.4	1814.2	1839.1	1843.1	1835.3	1839.1	1848.8	1852.6	1856.4
32.5°	1444.8	1631.4	1750.7	1768.0	1791.0	1779.6	1777.6	1783.4	1798.8	1798.8	1802.6
35°	1306.3	1544.8	1698.8	1714.2	1731.5	1718.0	1725.6	1727.6	1737.2	1742.9	1741.0
37.5°	1154.3	1469.8	1644.8	1656.4	1669.9	1652.6	1664.1	1669.9	1677.5	1673.7	1673.7
40°	1019.6	1352.4	1581.4	1589.1	1600.6	1587.2	1598.7	1602.6	1606.4	1602.6	1600.6
42.5°	919.6	1223.5	1514.0	1523.7	1515.9	1525.6	1529.4	1537.2	1531.3	1523.7	1523.7
45°	842.6	1188.9	1441.0	1452.5	1441.0	1456.4	1462.1	1462.1	1444.8	1441.0	1439.0
47.5°	817.6	1119.7	1367.8	1367.8	1362.1	1381.3	1390.9	1377.5	1360.2	1354.4	1354.4
50°	815.7	1042.7	1267.8	1260.1	1287.0	1310.1	1300.5	1287.0	1273.6	1252.4	1252.4
52.5°	740.7	948.4	1138.9	1167.8	1210.1	1223.5	1208.1	1194.7	1171.6	1162.0	1154.3
55°	686.8	850.3	1021.5	1079.3	1123.5	1140.8	1112.0	1098.5	1063.9	1058.1	1054.3
57.5°	675.3	708.0	913.8	986.9	1040.8	1038.9	1021.5	996.5	967.7	961.9	960.0
60°	619.5	511.8	798.4	885.0	940.7	935.0	919.6	896.5	869.6	865.7	861.9
62.5°	561.8	371.3	667.5	765.7	844.5	842.6	829.2	794.5	775.3	765.7	758.0
65°	477.1	311.6	475.2	636.8	750.3	754.1	725.3	700.3	679.1	667.5	665.6
67.5°	363.6	254.0	321.3	531.0	659.9	656.0	619.5	607.9	581.0	575.2	563.7
70°	269.4	169.3	223.2	431.0	571.4	561.8	532.9	519.4	494.4	481.0	473.2
72.5°	223.2	136.5	163.5	334.8	481.0	469.4	444.4	429.0	407.8	396.3	388.6
75°	180.8	144.3	125.1	248.1	390.5	382.9	359.7	344.3	327.0	311.6	313.5
77.5°	132.7	134.6	100.0	182.7	309.7	298.2	284.8	265.5	257.8	242.4	242.4
80°	100.0	105.9	75.1	125.1	223.2	223.2	211.6	198.1	184.6	177.0	177.0
82.5°	67.3	67.3	55.7	78.9	151.9	146.2	138.6	134.6	127.0	123.2	123.2
85°	30.8	38.4	34.6	48.1	82.7	86.5	86.5	82.7	80.8	77.0	78.9
87.5°	9.7	17.3	21.1	27.0	42.4	44.3	46.2	46.2	46.2	48.1	48.1
90°	8.9	16.0	23.0	24.9	39.1	58.1	67.6	60.0	45.0	33.8	33.8
92.5°	35.6	96.0	156.5	171.6	241.2	334.1	380.6	333.5	239.5	169.0	162.3
95°	85.4	196.0	306.7	334.4	593.7	939.6	1112.4	992.7	753.2	573.5	553.2
97.5°	147.6	245.3	342.9	367.3	799.8	1376.3	1664.6	1588.9	1437.5	1324.0	1285.3
100°	195.6	284.2	372.7	394.8	874.7	1514.5	1834.5	1840.0	1851.1	1859.4	1813.2
102.5°	236.6	319.2	401.7	422.4	909.1	1558.0	1882.6	1978.9	2171.8	2316.5	2277.0
105°	305.9	375.9	445.8	463.3	934.6	1563.0	1877.2	2093.4	2525.8	2850.0	2828.8
107.5°	377.0	442.2	507.5	523.8	939.4	1493.5	1770.5	2072.1	2675.1	3127.4	3132.6
110°	425.0	483.9	542.8	557.6	932.2	1431.8	1681.6	2018.7	2692.9	3198.6	3220.6

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	472.2	528.3	584.4	598.5	932.6	1378.0	1600.7	1945.7	2635.7	3153.2	3187.2
115°	543.3	595.0	646.9	659.8	941.1	1316.2	1503.7	1836.1	2500.8	2999.4	3046.5
117.5°	613.6	660.6	707.6	719.3	958.6	1277.5	1437.0	1736.9	2336.8	2786.8	2839.1
120°	654.5	698.8	743.0	754.1	972.8	1264.5	1410.3	1684.3	2232.5	2643.7	2694.5
122.5°	694.5	739.1	783.8	795.0	993.3	1257.7	1389.8	1636.6	2130.3	2500.5	2550.6
125°	755.9	796.6	837.3	847.5	1020.8	1252.0	1367.6	1577.3	1996.6	2311.1	2357.3
127.5°	805.7	846.8	887.9	898.2	1048.5	1248.8	1349.0	1529.0	1889.1	2159.1	2198.0
130°	832.4	876.6	920.8	931.9	1068.5	1250.7	1341.8	1502.1	1822.6	2063.0	2098.9
132.5°	859.9	904.2	948.4	959.4	1084.8	1252.0	1335.6	1479.0	1766.0	1981.2	2013.5
135°	900.8	941.1	981.4	991.5	1102.7	1250.9	1325.0	1445.1	1685.4	1865.6	1893.4
137.5°	942.6	982.5	1022.5	1032.4	1129.4	1258.5	1323.2	1424.7	1627.9	1780.2	1803.0
140°	977.2	1013.9	1050.8	1059.9	1145.6	1259.9	1317.0	1404.7	1580.2	1711.8	1733.0
142.5°	1003.9	1037.9	1071.9	1080.4	1159.3	1264.4	1317.0	1394.0	1548.2	1663.8	1682.0
145°	1044.8	1074.5	1104.1	1111.6	1177.1	1264.4	1308.1	1371.1	1497.2	1591.8	1605.6
147.5°	1085.8	1114.6	1143.5	1150.7	1203.2	1273.1	1308.1	1357.7	1456.9	1531.2	1542.7
150°	1112.4	1138.5	1164.6	1171.1	1216.8	1277.7	1308.1	1350.0	1433.7	1496.5	1505.8
152.5°	1140.0	1159.8	1179.5	1184.4	1225.6	1280.6	1308.1	1343.8	1415.4	1469.0	1476.0
155°	1180.9	1195.5	1210.2	1213.8	1245.3	1287.1	1308.1	1336.6	1393.5	1436.1	1440.8
157.5°	1211.1	1225.4	1239.6	1243.1	1264.8	1293.6	1308.1	1330.2	1374.4	1407.6	1410.9
160°	1231.6	1242.7	1253.8	1256.5	1273.7	1296.6	1308.1	1327.0	1365.0	1393.5	1395.4
162.5°	1252.0	1260.4	1268.6	1270.7	1283.1	1299.8	1308.1	1324.0	1356.1	1380.1	1381.9
165°	1274.3	1281.8	1289.2	1291.1	1296.8	1304.3	1308.1	1319.5	1342.4	1359.6	1361.5
167.5°	1294.7	1298.2	1301.9	1302.7	1307.5	1313.8	1317.0	1324.4	1339.4	1350.7	1351.5
170°	1308.1	1311.6	1315.2	1316.1	1316.4	1316.8	1317.0	1324.4	1339.4	1350.7	1350.7
172.5°	1315.1	1315.9	1316.8	1317.0	1317.0	1317.0	1317.0	1322.9	1334.7	1343.6	1343.0
175°	1325.0	1325.0	1325.0	1325.0	1322.3	1318.8	1317.0	1320.7	1328.2	1333.9	1333.9
177.5°	1325.0	1325.0	1325.0	1325.0	1322.9	1320.1	1318.8	1321.7	1327.7	1332.1	1331.3
180°	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4
2.5°	2085.5	2079.6	2085.5	2081.5	2083.4	2077.7	2060.4	2054.7	2060.4	2066.1	2066.1
5°	2110.4	2106.6	2110.4	2110.4	2108.5	2104.7	2085.5	2081.5	2085.5	2087.4	2083.4
7.5°	2118.2	2112.3	2118.2	2114.2	2114.2	2110.4	2091.2	2087.4	2089.3	2095.0	2089.3
10°	2118.2	2112.3	2118.2	2116.2	2114.2	2110.4	2091.2	2083.4	2083.4	2089.3	2083.4
12.5°	2108.5	2104.7	2108.5	2104.7	2104.7	2100.9	2081.5	2073.9	2075.8	2077.7	2070.1
15°	2093.1	2087.4	2093.1	2089.3	2091.2	2085.5	2064.2	2056.6	2056.6	2060.4	2046.9
17.5°	2070.1	2062.3	2070.1	2068.1	2066.1	2062.3	2043.1	2035.4	2033.4	2035.4	2025.8
20°	2043.1	2037.4	2043.1	2041.2	2041.2	2033.4	2014.2	2004.7	2004.7	2004.7	1995.0
22.5°	2000.7	1995.0	2000.7	2004.7	2004.7	2002.7	1985.3	1972.0	1968.0	1968.0	1956.6
25°	1952.6	1946.9	1952.6	1952.6	1950.7	1952.6	1946.9	1939.3	1933.4	1927.7	1916.1
27.5°	1906.5	1902.6	1906.5	1902.6	1906.5	1900.7	1898.8	1896.9	1889.2	1883.4	1868.0
30°	1860.4	1856.4	1860.4	1856.4	1852.6	1848.8	1839.1	1835.3	1843.1	1839.1	1814.2
32.5°	1802.6	1798.8	1802.6	1802.6	1798.8	1798.8	1783.4	1777.6	1779.6	1791.0	1768.0
35°	1742.9	1737.2	1742.9	1741.0	1742.9	1737.2	1727.6	1725.6	1718.0	1731.5	1714.2
37.5°	1673.7	1668.0	1673.7	1673.7	1673.7	1677.5	1669.9	1664.1	1652.6	1669.9	1656.4
40°	1602.6	1594.8	1602.6	1600.6	1602.6	1606.4	1602.6	1598.7	1587.2	1600.6	1589.1
42.5°	1521.8	1519.8	1521.8	1523.7	1523.7	1531.3	1537.2	1529.4	1525.6	1515.9	1523.7
45°	1435.2	1431.3	1435.2	1439.0	1441.0	1444.8	1462.1	1462.1	1456.4	1441.0	1452.5
47.5°	1342.8	1333.2	1342.8	1354.4	1354.4	1360.2	1377.5	1390.9	1381.3	1362.1	1367.8
50°	1244.7	1246.6	1244.7	1252.4	1252.4	1273.6	1287.0	1300.5	1310.1	1287.0	1260.1
52.5°	1148.5	1146.6	1148.5	1154.3	1162.0	1171.6	1194.7	1208.1	1223.5	1210.1	1167.8
55°	1052.3	1056.2	1052.3	1054.3	1058.1	1063.9	1098.5	1112.0	1140.8	1123.5	1079.3
57.5°	956.1	950.4	956.1	960.0	961.9	967.7	996.5	1021.5	1038.9	1040.8	986.9
60°	844.5	836.9	844.5	861.9	865.7	869.6	896.5	919.6	935.0	940.7	885.0
62.5°	746.4	733.0	746.4	758.0	765.7	775.3	794.5	829.2	842.6	844.5	765.7
65°	642.6	636.8	642.6	665.6	667.5	679.1	700.3	725.3	754.1	750.3	636.8
67.5°	548.3	548.3	548.3	563.7	575.2	581.0	607.9	619.5	656.0	659.9	531.0
70°	461.7	459.8	461.7	473.2	481.0	494.4	519.4	532.9	561.8	571.4	431.0
72.5°	379.0	377.0	379.0	388.6	396.3	407.8	429.0	444.4	469.4	481.0	334.8
75°	305.9	302.1	305.9	313.5	311.6	327.0	344.3	359.7	382.9	390.5	248.1
77.5°	234.7	234.7	234.7	242.4	242.4	257.8	265.5	284.8	298.2	309.7	182.7
80°	175.1	173.2	175.1	177.0	177.0	184.6	198.1	211.6	223.2	223.2	125.1
82.5°	123.2	119.2	123.2	123.2	123.2	127.0	134.6	138.6	146.2	151.9	78.9
85°	77.0	77.0	77.0	78.9	77.0	80.8	82.7	86.5	86.5	82.7	48.1
87.5°	50.0	48.1	50.0	48.1	48.1	46.2	46.2	46.2	44.3	42.4	27.0
90°	33.8	33.8	33.8	33.8	33.8	45.0	60.0	67.6	58.1	39.1	24.9
92.5°	135.4	108.5	135.4	162.3	169.0	239.5	333.5	380.6	334.1	241.2	171.6
95°	471.8	390.4	471.8	553.2	573.5	753.2	992.7	1112.4	939.6	593.7	334.4
97.5°	1130.4	975.5	1130.4	1285.3	1324.0	1437.5	1588.9	1664.6	1376.3	799.8	367.3
100°	1628.7	1444.1	1628.7	1813.2	1859.4	1851.1	1840.0	1834.5	1514.5	874.7	394.8
102.5°	2118.8	1960.8	2118.8	2277.0	2316.5	2171.8	1978.9	1882.6	1558.0	909.1	422.4
105°	2743.8	2658.8	2743.8	2828.8	2850.0	2525.8	2093.4	1877.2	1563.0	934.6	463.3
107.5°	3153.1	3173.7	3153.1	3132.6	3127.4	2675.1	2072.1	1770.5	1493.5	939.4	523.8
110°	3309.2	3397.7	3309.2	3220.6	3198.6	2692.9	2018.7	1681.6	1431.8	932.2	557.6

TEST NUMBER: P934630

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-12-6500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3323.2	3459.1	3323.2	3187.2	3153.2	2635.7	1945.7	1600.7	1378.0	932.6	598.5
115°	3235.0	3423.6	3235.0	3046.5	2999.4	2500.8	1836.1	1503.7	1316.2	941.1	659.8
117.5°	3048.2	3257.3	3048.2	2839.1	2786.8	2336.8	1736.9	1437.0	1277.5	958.6	719.3
120°	2897.6	3100.7	2897.6	2694.5	2643.7	2232.5	1684.3	1410.3	1264.5	972.8	754.1
122.5°	2751.0	2951.4	2751.0	2550.6	2500.5	2130.3	1636.6	1389.8	1257.7	993.3	795.0
125°	2541.8	2726.4	2541.8	2357.3	2311.1	1996.6	1577.3	1367.6	1252.0	1020.8	847.5
127.5°	2353.8	2509.4	2353.8	2198.0	2159.1	1889.1	1529.0	1349.0	1248.8	1048.5	898.2
130°	2242.8	2386.8	2242.8	2098.9	2063.0	1822.6	1502.1	1341.8	1250.7	1068.5	931.9
132.5°	2142.3	2271.1	2142.3	2013.5	1981.2	1766.0	1479.0	1335.6	1252.0	1084.8	959.4
135°	2004.5	2115.5	2004.5	1893.4	1865.6	1685.4	1445.1	1325.0	1250.9	1102.7	991.5
137.5°	1893.8	1984.8	1893.8	1803.0	1780.2	1627.9	1424.7	1323.2	1258.5	1129.4	1032.4
140°	1818.0	1902.9	1818.0	1733.0	1711.8	1580.2	1404.7	1317.0	1259.9	1145.6	1059.9
142.5°	1755.2	1828.2	1755.2	1682.0	1663.8	1548.2	1394.0	1317.0	1264.4	1159.3	1080.4
145°	1660.9	1716.2	1660.9	1605.6	1591.8	1497.2	1371.1	1308.1	1264.4	1177.1	1111.6
147.5°	1588.5	1634.4	1588.5	1542.7	1531.2	1456.9	1357.7	1308.1	1273.1	1203.2	1150.7
150°	1543.0	1580.2	1543.0	1505.8	1496.5	1433.7	1350.0	1308.1	1277.7	1216.8	1171.1
152.5°	1504.1	1532.1	1504.1	1476.0	1469.0	1415.4	1343.8	1308.1	1280.6	1225.6	1184.4
155°	1459.3	1477.9	1459.3	1440.8	1436.1	1393.5	1336.6	1308.1	1287.1	1245.3	1213.8
157.5°	1424.0	1437.0	1424.0	1410.9	1407.6	1374.4	1330.2	1308.1	1293.6	1264.8	1243.1
160°	1402.8	1410.3	1402.8	1395.4	1393.5	1365.0	1327.0	1308.1	1296.6	1273.7	1256.5
162.5°	1389.0	1396.1	1389.0	1381.9	1380.1	1356.1	1324.0	1308.1	1299.8	1283.1	1270.7
165°	1369.0	1376.5	1369.0	1361.5	1359.6	1342.4	1319.5	1308.1	1304.3	1296.8	1291.1
167.5°	1354.7	1357.9	1354.7	1351.5	1350.7	1339.4	1324.4	1317.0	1313.8	1307.5	1302.7
170°	1350.7	1350.7	1350.7	1350.7	1350.7	1339.4	1324.4	1317.0	1316.8	1316.4	1316.1
172.5°	1340.2	1337.4	1340.2	1343.0	1343.6	1334.7	1322.9	1317.0	1317.0	1317.0	1317.0
175°	1333.9	1333.9	1333.9	1333.9	1333.9	1328.2	1320.7	1317.0	1318.8	1322.3	1325.0
177.5°	1328.2	1325.0	1328.2	1331.3	1332.1	1327.7	1321.7	1318.8	1320.1	1322.9	1325.0
180°	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0

TEST NUMBER: P934630

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4
2.5°	2062.3	2050.7	2050.7	2031.5	2023.9	2018.0	2008.5	1979.6	1972.0	1964.2	1975.8
5°	2079.6	2058.5	2043.1	2008.5	1979.6	1968.0	1931.5	1862.3	1816.1	1781.5	1762.3
7.5°	2083.4	2056.6	2027.7	1973.9	1904.5	1873.8	1762.3	1635.3	1600.6	1569.9	1550.6
10°	2079.6	2048.8	2008.5	1927.7	1764.2	1710.2	1598.7	1515.9	1494.8	1489.1	1494.8
12.5°	2066.1	2037.4	1981.5	1846.9	1618.0	1581.4	1515.9	1467.9	1464.0	1473.7	1525.6
15°	2043.1	2016.1	1950.7	1739.1	1537.2	1510.2	1464.0	1446.7	1467.9	1535.2	1691.0
17.5°	2020.1	1989.3	1908.5	1633.4	1475.6	1456.4	1423.6	1458.3	1577.5	1668.0	1719.9
20°	1989.3	1952.6	1860.4	1556.4	1431.3	1414.0	1398.6	1554.5	1644.8	1677.5	1706.4
22.5°	1952.6	1914.2	1795.0	1502.5	1385.1	1371.7	1381.3	1608.3	1644.8	1668.0	1692.9
25°	1904.5	1871.8	1718.0	1460.2	1348.6	1333.2	1369.7	1602.6	1623.7	1629.4	1679.5
27.5°	1860.4	1818.0	1637.2	1421.7	1304.3	1298.6	1379.4	1577.5	1592.9	1598.7	1652.6
30°	1806.4	1742.9	1546.7	1381.3	1258.2	1256.2	1381.3	1546.7	1542.9	1558.3	1612.1
32.5°	1750.7	1631.4	1444.8	1331.3	1213.9	1212.0	1367.8	1500.6	1496.7	1517.9	1558.3
35°	1698.8	1544.8	1306.3	1273.6	1158.1	1160.1	1335.1	1446.7	1448.6	1467.9	1492.9
37.5°	1644.8	1469.8	1154.3	1210.1	1104.3	1104.3	1290.9	1396.7	1392.9	1398.6	1433.2
40°	1581.4	1352.4	1019.6	1127.4	1054.3	1048.5	1237.0	1342.8	1329.4	1327.5	1375.5
42.5°	1514.0	1223.5	919.6	1017.7	996.5	988.8	1171.6	1277.4	1252.4	1258.2	1319.7
45°	1441.0	1188.9	842.6	859.9	936.9	931.1	1100.4	1202.4	1185.1	1200.5	1264.0
47.5°	1367.8	1119.7	817.6	713.7	873.4	871.5	1021.5	1129.3	1119.7	1135.1	1202.4
50°	1267.8	1042.7	815.7	611.8	802.2	809.9	927.3	1058.1	1058.1	1071.6	1142.7
52.5°	1138.9	948.4	740.7	554.0	719.5	742.6	844.5	996.5	1000.4	1013.9	1077.3
55°	1021.5	850.3	686.8	509.8	621.4	671.4	763.7	933.1	940.7	954.2	1011.9
57.5°	913.8	708.0	675.3	457.8	531.0	579.1	692.6	871.5	875.3	886.9	942.7
60°	798.4	511.8	619.5	402.1	452.1	488.6	627.2	798.4	811.8	819.6	867.6
62.5°	667.5	371.3	561.8	363.6	413.6	421.3	573.3	729.1	746.4	752.2	781.1
65°	475.2	311.6	477.1	330.9	373.2	375.1	515.6	658.0	673.4	682.9	704.1
67.5°	321.3	254.0	363.6	300.1	342.4	344.3	459.8	575.2	596.4	604.1	617.5
70°	223.2	169.3	269.4	267.4	307.8	311.6	400.2	500.2	519.4	525.2	532.9
72.5°	163.5	136.5	223.2	240.5	271.3	275.1	338.6	415.6	434.8	440.5	444.4
75°	125.1	144.3	180.8	209.7	230.8	232.7	277.0	338.6	352.1	355.9	357.8
77.5°	100.0	134.6	132.7	169.3	188.6	184.6	217.4	261.6	273.2	273.2	273.2
80°	75.1	105.9	100.0	121.2	138.6	134.6	155.9	186.6	190.5	194.3	192.4
82.5°	55.7	67.3	67.3	77.0	92.4	88.5	103.8	121.2	121.2	121.2	125.1
85°	34.6	38.4	30.8	40.4	51.9	50.0	57.8	65.4	67.3	67.3	63.5
87.5°	21.1	17.3	9.7	15.4	23.0	23.0	27.0	28.9	27.0	27.0	27.0
90°	23.0	16.0	8.9	16.0	23.0	24.9	39.1	58.1	67.6	60.0	45.0
92.5°	156.5	96.0	35.6	96.0	156.5	171.6	241.2	334.1	380.6	333.5	239.5
95°	306.7	196.0	85.4	196.0	306.7	334.4	593.7	939.6	1112.4	992.7	753.2
97.5°	342.9	245.3	147.6	245.3	342.9	367.3	799.8	1376.3	1664.6	1588.9	1437.5
100°	372.7	284.2	195.6	284.2	372.7	394.8	874.7	1514.5	1834.5	1840.0	1851.1
102.5°	401.7	319.2	236.6	319.2	401.7	422.4	909.1	1558.0	1882.6	1978.9	2171.8
105°	445.8	375.9	305.9	375.9	445.8	463.3	934.6	1563.0	1877.2	2093.4	2525.8
107.5°	507.5	442.2	377.0	442.2	507.5	523.8	939.4	1493.5	1770.5	2072.1	2675.1
110°	542.8	483.9	425.0	483.9	542.8	557.6	932.2	1431.8	1681.6	2018.7	2692.9

TEST NUMBER: P934630

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-12-6500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	584.4	528.3	472.2	528.3	584.4	598.5	932.6	1378.0	1600.7	1945.7	2635.7
115°	646.9	595.0	543.3	595.0	646.9	659.8	941.1	1316.2	1503.7	1836.1	2500.8
117.5°	707.6	660.6	613.6	660.6	707.6	719.3	958.6	1277.5	1437.0	1736.9	2336.8
120°	743.0	698.8	654.5	698.8	743.0	754.1	972.8	1264.5	1410.3	1684.3	2232.5
122.5°	783.8	739.1	694.5	739.1	783.8	795.0	993.3	1257.7	1389.8	1636.6	2130.3
125°	837.3	796.6	755.9	796.6	837.3	847.5	1020.8	1252.0	1367.6	1577.3	1996.6
127.5°	887.9	846.8	805.7	846.8	887.9	898.2	1048.5	1248.8	1349.0	1529.0	1889.1
130°	920.8	876.6	832.4	876.6	920.8	931.9	1068.5	1250.7	1341.8	1502.1	1822.6
132.5°	948.4	904.2	859.9	904.2	948.4	959.4	1084.8	1252.0	1335.6	1479.0	1766.0
135°	981.4	941.1	900.8	941.1	981.4	991.5	1102.7	1250.9	1325.0	1445.1	1685.4
137.5°	1022.5	982.5	942.6	982.5	1022.5	1032.4	1129.4	1258.5	1323.2	1424.7	1627.9
140°	1050.8	1013.9	977.2	1013.9	1050.8	1059.9	1145.6	1259.9	1317.0	1404.7	1580.2
142.5°	1071.9	1037.9	1003.9	1037.9	1071.9	1080.4	1159.3	1264.4	1317.0	1394.0	1548.2
145°	1104.1	1074.5	1044.8	1074.5	1104.1	1111.6	1177.1	1264.4	1308.1	1371.1	1497.2
147.5°	1143.5	1114.6	1085.8	1114.6	1143.5	1150.7	1203.2	1273.1	1308.1	1357.7	1456.9
150°	1164.6	1138.5	1112.4	1138.5	1164.6	1171.1	1216.8	1277.7	1308.1	1350.0	1433.7
152.5°	1179.5	1159.8	1140.0	1159.8	1179.5	1184.4	1225.6	1280.6	1308.1	1343.8	1415.4
155°	1210.2	1195.5	1180.9	1195.5	1210.2	1213.8	1245.3	1287.1	1308.1	1336.6	1393.5
157.5°	1239.6	1225.4	1211.1	1225.4	1239.6	1243.1	1264.8	1293.6	1308.1	1330.2	1374.4
160°	1253.8	1242.7	1231.6	1242.7	1253.8	1256.5	1273.7	1296.6	1308.1	1327.0	1365.0
162.5°	1268.6	1260.4	1252.0	1260.4	1268.6	1270.7	1283.1	1299.8	1308.1	1324.0	1356.1
165°	1289.2	1281.8	1274.3	1281.8	1289.2	1291.1	1296.8	1304.3	1308.1	1319.5	1342.4
167.5°	1301.9	1298.2	1294.7	1298.2	1301.9	1302.7	1307.5	1313.8	1317.0	1324.4	1339.4
170°	1315.2	1311.6	1308.1	1311.6	1315.2	1316.1	1316.4	1316.8	1317.0	1324.4	1339.4
172.5°	1316.8	1315.9	1315.1	1315.9	1316.8	1317.0	1317.0	1317.0	1317.0	1322.9	1334.7
175°	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1322.3	1318.8	1317.0	1320.7	1328.2
177.5°	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1322.9	1320.1	1318.8	1321.7	1327.7
180°	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0

TEST NUMBER: P934630

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-12-6500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4	2033.4
2.5°	1962.3	1956.6	1964.2	1943.1	1964.2	1956.6	1962.3	1975.8	1964.2	1972.0	1979.6
5°	1721.8	1712.2	1681.5	1656.4	1681.5	1712.2	1721.8	1762.3	1781.5	1816.1	1862.3
7.5°	1539.1	1531.3	1523.7	1508.3	1523.7	1531.3	1539.1	1550.6	1569.9	1600.6	1635.3
10°	1498.6	1500.6	1512.1	1510.2	1512.1	1500.6	1498.6	1494.8	1489.1	1494.8	1515.9
12.5°	1602.6	1619.9	1683.4	1679.5	1683.4	1619.9	1602.6	1525.6	1473.7	1464.0	1467.9
15°	1721.8	1727.6	1741.0	1742.9	1741.0	1727.6	1721.8	1691.0	1535.2	1467.9	1446.7
17.5°	1733.4	1735.3	1744.9	1744.9	1744.9	1735.3	1733.4	1719.9	1668.0	1577.5	1458.3
20°	1723.7	1727.6	1746.9	1750.7	1746.9	1727.6	1723.7	1706.4	1677.5	1644.8	1554.5
22.5°	1719.9	1727.6	1742.9	1741.0	1742.9	1727.6	1719.9	1692.9	1668.0	1644.8	1608.3
25°	1700.7	1700.7	1702.6	1704.5	1702.6	1700.7	1700.7	1679.5	1629.4	1623.7	1602.6
27.5°	1660.2	1664.1	1675.6	1673.7	1675.6	1664.1	1660.2	1652.6	1598.7	1592.9	1577.5
30°	1623.7	1619.9	1610.2	1602.6	1610.2	1619.9	1623.7	1612.1	1558.3	1542.9	1546.7
32.5°	1562.1	1552.5	1542.9	1537.2	1542.9	1552.5	1562.1	1558.3	1517.9	1496.7	1500.6
35°	1489.1	1491.0	1489.1	1483.2	1489.1	1491.0	1489.1	1492.9	1467.9	1448.6	1446.7
37.5°	1437.1	1441.0	1439.0	1431.3	1439.0	1441.0	1437.1	1433.2	1398.6	1392.9	1396.7
40°	1383.2	1385.1	1383.2	1377.5	1383.2	1385.1	1383.2	1375.5	1327.5	1329.4	1342.8
42.5°	1331.3	1329.4	1323.6	1319.7	1323.6	1329.4	1331.3	1319.7	1258.2	1252.4	1277.4
45°	1271.6	1273.6	1262.0	1256.2	1262.0	1273.6	1271.6	1264.0	1200.5	1185.1	1202.4
47.5°	1212.0	1212.0	1202.4	1196.6	1202.4	1212.0	1212.0	1202.4	1135.1	1119.7	1129.3
50°	1148.5	1146.6	1133.1	1131.2	1133.1	1146.6	1148.5	1142.7	1071.6	1058.1	1058.1
52.5°	1075.4	1075.4	1077.3	1081.2	1077.3	1075.4	1075.4	1077.3	1013.9	1000.4	996.5
55°	1011.9	1013.9	1027.3	1031.2	1027.3	1013.9	1011.9	1011.9	954.2	940.7	933.1
57.5°	946.5	946.5	956.1	956.1	956.1	946.5	946.5	942.7	886.9	875.3	871.5
60°	871.5	875.3	883.0	881.1	883.0	875.3	871.5	867.6	819.6	811.8	798.4
62.5°	792.6	796.5	798.4	794.5	798.4	796.5	792.6	781.1	752.2	746.4	729.1
65°	709.9	713.7	715.6	711.8	715.6	713.7	709.9	704.1	682.9	673.4	658.0
67.5°	625.3	623.3	621.4	629.1	621.4	623.3	625.3	617.5	604.1	596.4	575.2
70°	538.6	538.6	536.7	540.6	536.7	538.6	538.6	532.9	525.2	519.4	500.2
72.5°	446.4	444.4	452.1	446.4	452.1	444.4	446.4	444.4	440.5	434.8	415.6
75°	355.9	359.7	355.9	361.6	355.9	359.7	355.9	357.8	355.9	352.1	338.6
77.5°	271.3	275.1	271.3	271.3	271.3	275.1	271.3	273.2	273.2	273.2	261.6
80°	192.4	190.5	190.5	188.6	190.5	190.5	192.4	192.4	194.3	190.5	186.6
82.5°	123.2	121.2	121.2	125.1	121.2	121.2	123.2	125.1	121.2	121.2	121.2
85°	67.3	69.2	65.4	65.4	65.4	69.2	67.3	63.5	67.3	67.3	65.4
87.5°	25.1	23.0	23.0	23.0	23.0	23.0	25.1	27.0	27.0	27.0	28.9
90°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	45.0	60.0	67.6	58.1
92.5°	169.0	162.3	135.4	108.5	135.4	162.3	169.0	239.5	333.5	380.6	334.1
95°	573.5	553.2	471.8	390.4	471.8	553.2	573.5	753.2	992.7	1112.4	939.6
97.5°	1324.0	1285.3	1130.4	975.5	1130.4	1285.3	1324.0	1437.5	1588.9	1664.6	1376.3
100°	1859.4	1813.2	1628.7	1444.1	1628.7	1813.2	1859.4	1851.1	1840.0	1834.5	1514.5
102.5°	2316.5	2277.0	2118.8	1960.8	2118.8	2277.0	2316.5	2171.8	1978.9	1882.6	1558.0
105°	2850.0	2828.8	2743.8	2658.8	2743.8	2828.8	2850.0	2525.8	2093.4	1877.2	1563.0
107.5°	3127.4	3132.6	3153.1	3173.7	3153.1	3132.6	3127.4	2675.1	2072.1	1770.5	1493.5
110°	3198.6	3220.6	3309.2	3397.7	3309.2	3220.6	3198.6	2692.9	2018.7	1681.6	1431.8

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3153.2	3187.2	3323.2	3459.1	3323.2	3187.2	3153.2	2635.7	1945.7	1600.7	1378.0
115°	2999.4	3046.5	3235.0	3423.6	3235.0	3046.5	2999.4	2500.8	1836.1	1503.7	1316.2
117.5°	2786.8	2839.1	3048.2	3257.3	3048.2	2839.1	2786.8	2336.8	1736.9	1437.0	1277.5
120°	2643.7	2694.5	2897.6	3100.7	2897.6	2694.5	2643.7	2232.5	1684.3	1410.3	1264.5
122.5°	2500.5	2550.6	2751.0	2951.4	2751.0	2550.6	2500.5	2130.3	1636.6	1389.8	1257.7
125°	2311.1	2357.3	2541.8	2726.4	2541.8	2357.3	2311.1	1996.6	1577.3	1367.6	1252.0
127.5°	2159.1	2198.0	2353.8	2509.4	2353.8	2198.0	2159.1	1889.1	1529.0	1349.0	1248.8
130°	2063.0	2098.9	2242.8	2386.8	2242.8	2098.9	2063.0	1822.6	1502.1	1341.8	1250.7
132.5°	1981.2	2013.5	2142.3	2271.1	2142.3	2013.5	1981.2	1766.0	1479.0	1335.6	1252.0
135°	1865.6	1893.4	2004.5	2115.5	2004.5	1893.4	1865.6	1685.4	1445.1	1325.0	1250.9
137.5°	1780.2	1803.0	1893.8	1984.8	1893.8	1803.0	1780.2	1627.9	1424.7	1323.2	1258.5
140°	1711.8	1733.0	1818.0	1902.9	1818.0	1733.0	1711.8	1580.2	1404.7	1317.0	1259.9
142.5°	1663.8	1682.0	1755.2	1828.2	1755.2	1682.0	1663.8	1548.2	1394.0	1317.0	1264.4
145°	1591.8	1605.6	1660.9	1716.2	1660.9	1605.6	1591.8	1497.2	1371.1	1308.1	1264.4
147.5°	1531.2	1542.7	1588.5	1634.4	1588.5	1542.7	1531.2	1456.9	1357.7	1308.1	1273.1
150°	1496.5	1505.8	1543.0	1580.2	1543.0	1505.8	1496.5	1433.7	1350.0	1308.1	1277.7
152.5°	1469.0	1476.0	1504.1	1532.1	1504.1	1476.0	1469.0	1415.4	1343.8	1308.1	1280.6
155°	1436.1	1440.8	1459.3	1477.9	1459.3	1440.8	1436.1	1393.5	1336.6	1308.1	1287.1
157.5°	1407.6	1410.9	1424.0	1437.0	1424.0	1410.9	1407.6	1374.4	1330.2	1308.1	1293.6
160°	1393.5	1395.4	1402.8	1410.3	1402.8	1395.4	1393.5	1365.0	1327.0	1308.1	1296.6
162.5°	1380.1	1381.9	1389.0	1396.1	1389.0	1381.9	1380.1	1356.1	1324.0	1308.1	1299.8
165°	1359.6	1361.5	1369.0	1376.5	1369.0	1361.5	1359.6	1342.4	1319.5	1308.1	1304.3
167.5°	1350.7	1351.5	1354.7	1357.9	1354.7	1351.5	1350.7	1339.4	1324.4	1317.0	1313.8
170°	1350.7	1350.7	1350.7	1350.7	1350.7	1350.7	1350.7	1339.4	1324.4	1317.0	1316.8
172.5°	1343.6	1343.0	1340.2	1337.4	1340.2	1343.0	1343.6	1334.7	1322.9	1317.0	1317.0
175°	1333.9	1333.9	1333.9	1333.9	1333.9	1333.9	1333.9	1328.2	1320.7	1317.0	1318.8
177.5°	1332.1	1331.3	1328.2	1325.0	1328.2	1331.3	1332.1	1327.7	1321.7	1318.8	1320.1
180°	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0	1325.0

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2033.4	2033.4	2033.4	2033.4	2033.4
2.5°	2008.5	2018.0	2023.9	2031.5	2050.7
5°	1931.5	1968.0	1979.6	2008.5	2043.1
7.5°	1762.3	1873.8	1904.5	1973.9	2027.7
10°	1598.7	1710.2	1764.2	1927.7	2008.5
12.5°	1515.9	1581.4	1618.0	1846.9	1981.5
15°	1464.0	1510.2	1537.2	1739.1	1950.7
17.5°	1423.6	1456.4	1475.6	1633.4	1908.5
20°	1398.6	1414.0	1431.3	1556.4	1860.4
22.5°	1381.3	1371.7	1385.1	1502.5	1795.0
25°	1369.7	1333.2	1348.6	1460.2	1718.0
27.5°	1379.4	1298.6	1304.3	1421.7	1637.2
30°	1381.3	1256.2	1258.2	1381.3	1546.7
32.5°	1367.8	1212.0	1213.9	1331.3	1444.8
35°	1335.1	1160.1	1158.1	1273.6	1306.3
37.5°	1290.9	1104.3	1104.3	1210.1	1154.3
40°	1237.0	1048.5	1054.3	1127.4	1019.6
42.5°	1171.6	988.8	996.5	1017.7	919.6
45°	1100.4	931.1	936.9	859.9	842.6
47.5°	1021.5	871.5	873.4	713.7	817.6
50°	927.3	809.9	802.2	611.8	815.7
52.5°	844.5	742.6	719.5	554.0	740.7
55°	763.7	671.4	621.4	509.8	686.8
57.5°	692.6	579.1	531.0	457.8	675.3
60°	627.2	488.6	452.1	402.1	619.5
62.5°	573.3	421.3	413.6	363.6	561.8
65°	515.6	375.1	373.2	330.9	477.1
67.5°	459.8	344.3	342.4	300.1	363.6
70°	400.2	311.6	307.8	267.4	269.4
72.5°	338.6	275.1	271.3	240.5	223.2
75°	277.0	232.7	230.8	209.7	180.8
77.5°	217.4	184.6	188.6	169.3	132.7
80°	155.9	134.6	138.6	121.2	100.0
82.5°	103.8	88.5	92.4	77.0	67.3
85°	57.8	50.0	51.9	40.4	30.8
87.5°	27.0	23.0	23.0	15.4	9.7
90°	39.1	24.9	23.0	16.0	8.9
92.5°	241.2	171.6	156.5	96.0	35.6
95°	593.7	334.4	306.7	196.0	85.4
97.5°	799.8	367.3	342.9	245.3	147.6
100°	874.7	394.8	372.7	284.2	195.6
102.5°	909.1	422.4	401.7	319.2	236.6
105°	934.6	463.3	445.8	375.9	305.9
107.5°	939.4	523.8	507.5	442.2	377.0
110°	932.2	557.6	542.8	483.9	425.0

TEST NUMBER: P934630

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-12-6500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	932.6	598.5	584.4	528.3	472.2
115°	941.1	659.8	646.9	595.0	543.3
117.5°	958.6	719.3	707.6	660.6	613.6
120°	972.8	754.1	743.0	698.8	654.5
122.5°	993.3	795.0	783.8	739.1	694.5
125°	1020.8	847.5	837.3	796.6	755.9
127.5°	1048.5	898.2	887.9	846.8	805.7
130°	1068.5	931.9	920.8	876.6	832.4
132.5°	1084.8	959.4	948.4	904.2	859.9
135°	1102.7	991.5	981.4	941.1	900.8
137.5°	1129.4	1032.4	1022.5	982.5	942.6
140°	1145.6	1059.9	1050.8	1013.9	977.2
142.5°	1159.3	1080.4	1071.9	1037.9	1003.9
145°	1177.1	1111.6	1104.1	1074.5	1044.8
147.5°	1203.2	1150.7	1143.5	1114.6	1085.8
150°	1216.8	1171.1	1164.6	1138.5	1112.4
152.5°	1225.6	1184.4	1179.5	1159.8	1140.0
155°	1245.3	1213.8	1210.2	1195.5	1180.9
157.5°	1264.8	1243.1	1239.6	1225.4	1211.1
160°	1273.7	1256.5	1253.8	1242.7	1231.6
162.5°	1283.1	1270.7	1268.6	1260.4	1252.0
165°	1296.8	1291.1	1289.2	1281.8	1274.3
167.5°	1307.5	1302.7	1301.9	1298.2	1294.7
170°	1316.4	1316.1	1315.2	1311.6	1308.1
172.5°	1317.0	1317.0	1316.8	1315.9	1315.1
175°	1322.3	1325.0	1325.0	1325.0	1325.0
177.5°	1322.9	1325.0	1325.0	1325.0	1325.0
180°	1325.0	1325.0	1325.0	1325.0	1325.0

TEST NUMBER: P934630

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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	9.99	10.75	11.04	11.81	13.24	12.84	13.60	13.89	14.66	16.09
	3H	10.45	11.14	11.52	12.20	13.65	14.18	14.86	15.24	15.93	17.38
	4H	10.64	11.29	11.71	12.36	13.81	14.62	15.27	15.70	16.34	17.80
	6H	10.75	11.35	11.84	12.42	13.89	14.91	15.51	15.99	16.58	18.05
	8H	10.75	11.32	11.84	12.41	13.87	14.98	15.55	16.07	16.64	18.10
	12H	10.72	11.26	11.81	12.34	13.83	15.02	15.56	16.12	16.64	18.13
4H	2H	11.01	11.66	12.09	12.73	14.18	13.23	13.88	14.31	14.95	16.41
	3H	12.03	12.57	13.12	13.66	15.13	14.74	15.28	15.82	16.37	17.84
	4H	12.30	12.80	13.39	13.88	15.37	15.26	15.76	16.36	16.84	18.34
	6H	12.42	12.84	13.52	13.95	15.44	15.63	16.05	16.73	17.16	18.65
	8H	12.42	12.82	13.52	13.92	15.42	15.74	16.13	16.84	17.23	18.73
	12H	12.38	12.74	13.50	13.86	15.36	15.79	16.15	16.91	17.26	18.77
8H	4H	12.75	13.15	13.85	14.25	15.75	15.38	15.78	16.48	16.88	18.38
	6H	13.01	13.33	14.13	14.48	15.97	15.82	16.14	16.94	17.29	18.79
	8H	13.05	13.34	14.18	14.46	15.98	15.97	16.26	17.10	17.38	18.90
	12H	13.03	13.28	14.16	14.40	15.95	16.07	16.32	17.20	17.44	19.00
12H	4H	12.75	13.11	13.87	14.22	15.73	15.34	15.70	16.46	16.81	18.32
	6H	13.07	13.35	14.20	14.48	16.00	15.81	16.10	16.94	17.22	18.74
	8H	13.13	13.38	14.26	14.50	16.06	15.97	16.23	17.11	17.35	18.90

END OF REPORT