

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: P934626

Luminaire Tested: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-12-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934626
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-12-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

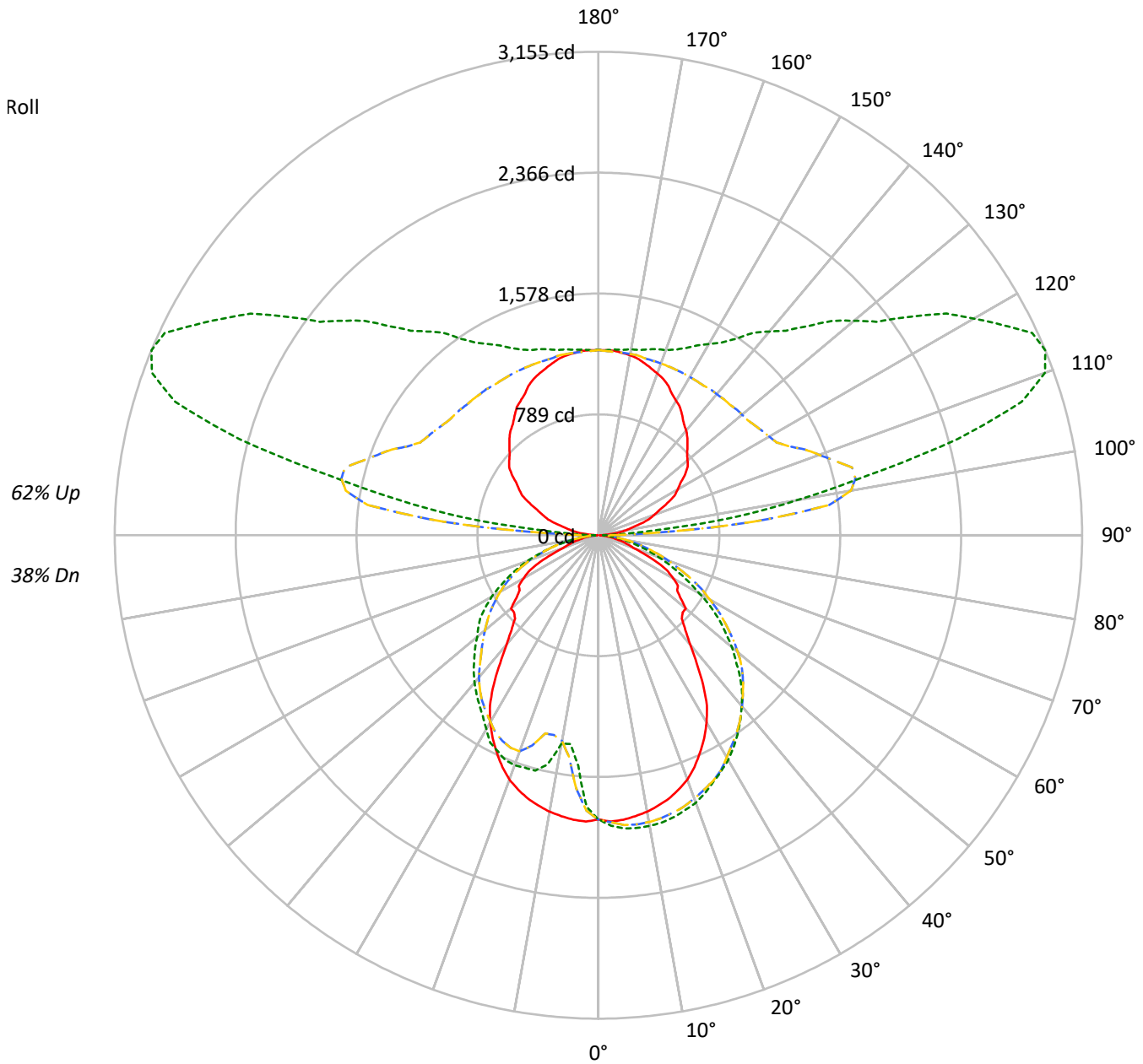
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12646.2 lumens
Efficiency: N/A
Efficacy: 122.5 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



— 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	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°	5736	5736	5736	5736
5°	5781	5790	5781	4553
10°	5745	5704	5745	4078
15°	5684	5580	5684	4659
20°	5568	5434	5568	4669
25°	5327	5220	5327	4570
30°	5014	5043	5014	4353
35°	4472	4819	4472	4114
40°	3728	4555	3728	3934
45°	3333	4246	3333	3727
50°	3544	3877	3544	3518
55°	3338	3480	3338	3398
60°	3445	2956	3445	3112
65°	3129	2444	3129	2731
70°	2172	1948	2172	2289
75°	1911	1440	1911	1723
80°	1551	952	1551	1037
85°	911	504	911	428

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5106 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.4	1.3
10°-20°	475.3	3.8
20°-30°	734.7	5.8
30°-40°	877.1	6.9
40°-50°	882.3	7.0
50°-60°	767.7	6.1
60°-70°	544.3	4.3
70°-80°	288.0	2.3
80°-90°	76.3	0.6
90°-100°	589.0	4.7
100°-110°	1548.5	12.2
110°-120°	1605.7	12.7
120°-130°	1287.9	10.2
130°-140°	1010.6	8.0
140°-150°	775.7	6.1
150°-160°	558.6	4.4
160°-170°	341.8	2.7
170°-180°	115.5	0.9
0°-30°	1377.4	10.9
0°-40°	2254.5	17.8
0°-60°	3904.4	30.9
0°-90°	4813.0	38.1
90°-120°	3743.2	29.6
90°-150°	6817.4	53.9
90°-180°	7833.0	61.9
0°-180°	12646.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1854	1854	1854	1854	1854	
5°	1863	1921	1863	1511	1863	177
15°	1779	1904	1779	1590	1779	501
25°	1567	1776	1567	1554	1567	719
35°	1191	1584	1191	1353	1191	737
45°	768	1305	768	1146	768	616
55°	626	963	626	940	626	576
65°	435	581	435	649	435	416
75°	165	276	165	330	165	173
85°	28	70	28	60	28	38
90°	8	31	8	31	8	8
95°	78	356	78	356	78	86
105°	279	2425	279	2425	279	296
115°	496	3122	496	3122	496	489
125°	689	2486	689	2486	689	612
135°	822	1929	822	1929	822	636
145°	953	1565	953	1565	953	597
155°	1077	1348	1077	1348	1077	495
165°	1162	1255	1162	1255	1162	328
175°	1208	1216	1208	1216	1208	115
180°	1208	1208	1208	1208	1208	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5
2.5°	1870.3	1870.3	1880.8	1884.3	1884.3	1879.1	1873.8	1879.1	1894.8	1900.1	1898.3
5°	1863.3	1877.3	1896.6	1900.1	1903.7	1901.9	1898.3	1901.9	1919.4	1922.9	1924.7
7.5°	1849.2	1875.6	1900.1	1905.4	1910.6	1905.4	1903.7	1907.1	1924.7	1928.2	1928.2
10°	1831.7	1868.5	1896.6	1900.1	1905.4	1900.1	1900.1	1907.1	1924.7	1928.2	1930.0
12.5°	1807.1	1858.0	1884.3	1887.9	1894.8	1893.1	1891.4	1898.3	1915.9	1919.4	1919.4
15°	1779.0	1838.7	1863.3	1866.8	1879.1	1875.6	1875.6	1882.5	1901.9	1907.1	1905.4
17.5°	1740.5	1814.2	1842.3	1847.5	1856.3	1854.5	1856.3	1863.3	1880.8	1884.3	1886.1
20°	1696.6	1780.8	1814.2	1819.4	1828.2	1828.2	1828.2	1836.9	1854.5	1861.5	1861.5
22.5°	1637.0	1745.7	1780.8	1784.4	1794.8	1794.8	1798.4	1810.6	1826.4	1828.2	1828.2
25°	1566.8	1707.1	1736.9	1747.5	1758.0	1763.3	1768.6	1775.5	1780.8	1779.0	1780.8
27.5°	1493.1	1658.0	1696.6	1703.6	1717.6	1722.9	1729.9	1731.7	1733.4	1738.7	1735.2
30°	1410.6	1589.5	1647.4	1654.5	1677.3	1680.8	1673.8	1677.3	1686.1	1689.6	1693.1
32.5°	1317.6	1487.8	1596.6	1612.4	1633.4	1622.9	1621.1	1626.4	1640.5	1640.5	1644.0
35°	1191.3	1408.9	1549.3	1563.3	1579.1	1566.8	1573.8	1575.5	1584.3	1589.5	1587.8
37.5°	1052.7	1340.4	1500.1	1510.6	1522.9	1507.1	1517.6	1522.9	1529.9	1526.4	1526.4
40°	929.8	1233.4	1442.2	1449.2	1459.7	1447.5	1458.0	1461.5	1465.0	1461.5	1459.7
42.5°	838.6	1115.9	1380.8	1389.6	1382.5	1391.3	1394.8	1401.9	1396.6	1389.6	1389.6
45°	768.4	1084.3	1314.2	1324.6	1314.2	1328.2	1333.4	1333.4	1317.6	1314.2	1312.3
47.5°	745.7	1021.2	1247.4	1247.4	1242.2	1259.7	1268.5	1256.3	1240.5	1235.1	1235.1
50°	743.9	951.0	1156.2	1149.2	1173.8	1194.8	1186.1	1173.8	1161.5	1142.2	1142.2
52.5°	675.5	865.0	1038.7	1065.0	1103.6	1115.9	1101.8	1089.5	1068.5	1059.7	1052.7
55°	626.4	775.5	931.6	984.3	1024.6	1040.4	1014.1	1001.8	970.2	965.0	961.5
57.5°	615.8	645.7	833.4	900.0	949.2	947.5	931.6	908.8	882.5	877.3	875.5
60°	565.0	466.7	728.1	807.1	857.9	852.7	838.6	817.6	793.0	789.5	786.1
62.5°	512.3	338.6	608.8	698.3	770.2	768.4	756.2	724.6	707.0	698.3	691.3
65°	435.1	284.2	433.4	580.8	684.3	687.8	661.4	638.7	619.3	608.8	607.0
67.5°	331.6	231.6	293.0	484.2	601.8	598.3	565.0	554.4	529.8	524.6	514.1
70°	245.7	154.4	203.5	393.0	521.1	512.3	486.0	473.7	450.9	438.6	431.6
72.5°	203.5	124.5	149.1	305.3	438.6	428.1	405.3	391.3	371.9	361.5	354.4
75°	164.9	131.6	114.1	226.3	356.1	349.2	328.1	314.0	298.2	284.2	285.9
77.5°	121.0	122.8	91.2	166.6	282.5	272.0	259.7	242.2	235.1	221.1	221.1
80°	91.2	96.5	68.5	114.1	203.5	203.5	193.0	180.7	168.4	161.4	161.4
82.5°	61.4	61.4	50.8	71.9	138.6	133.3	126.4	122.8	115.8	112.3	112.3
85°	28.1	35.1	31.6	43.9	75.4	78.9	78.9	75.4	73.7	70.2	71.9
87.5°	8.8	15.8	19.3	24.6	38.6	40.4	42.1	42.1	42.1	43.9	43.9
90°	8.1	14.6	21.0	22.7	35.7	53.0	61.7	54.8	41.1	30.8	30.8
92.5°	32.4	87.6	142.8	156.5	220.0	304.7	347.1	304.2	218.4	154.1	148.0
95°	77.9	178.8	279.7	305.0	541.4	856.9	1014.5	905.3	686.9	523.0	504.5
97.5°	134.6	223.7	312.7	334.9	729.4	1255.2	1518.1	1449.1	1311.0	1207.5	1172.2
100°	178.4	259.2	339.9	360.1	797.7	1381.2	1673.0	1678.1	1688.2	1695.8	1653.6
102.5°	215.7	291.1	366.3	385.2	829.0	1420.9	1716.9	1804.8	1980.7	2112.6	2076.6
105°	279.0	342.8	406.5	422.5	852.3	1425.4	1712.0	1909.1	2303.5	2599.2	2579.8
107.5°	343.8	403.3	462.8	477.7	856.7	1362.0	1614.7	1889.7	2439.7	2852.2	2856.9
110°	387.6	441.3	495.1	508.5	850.1	1305.8	1533.6	1841.0	2455.9	2917.0	2937.2



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	430.6	481.8	533.0	545.8	850.5	1256.7	1459.8	1774.4	2403.8	2875.7	2906.7
115°	495.5	542.7	589.9	601.7	858.3	1200.4	1371.4	1674.5	2280.7	2735.4	2778.4
117.5°	559.6	602.5	645.3	656.0	874.2	1165.0	1310.5	1584.0	2131.2	2541.5	2589.2
120°	596.9	637.3	677.6	687.7	887.2	1153.2	1286.2	1536.1	2036.0	2411.0	2457.3
122.5°	633.4	674.1	714.8	725.0	905.9	1147.0	1267.5	1492.6	1942.8	2280.5	2326.2
125°	689.3	726.5	763.6	772.9	931.0	1141.8	1247.3	1438.5	1820.9	2107.7	2149.8
127.5°	734.8	772.3	809.8	819.1	956.2	1138.9	1230.3	1394.5	1722.8	1969.1	2004.5
130°	759.1	799.5	839.8	849.9	974.5	1140.6	1223.7	1369.9	1662.2	1881.4	1914.2
132.5°	784.2	824.6	864.9	875.0	989.3	1141.8	1218.1	1348.9	1610.6	1806.9	1836.2
135°	821.5	858.3	895.1	904.2	1005.6	1140.8	1208.4	1317.9	1537.0	1701.4	1726.7
137.5°	859.7	896.0	932.5	941.5	1030.0	1147.8	1206.7	1299.3	1484.6	1623.6	1644.3
140°	891.2	924.7	958.3	966.6	1044.8	1149.0	1201.1	1281.1	1441.1	1561.1	1580.5
142.5°	915.5	946.6	977.6	985.3	1057.3	1153.1	1201.1	1271.3	1411.9	1517.3	1534.0
145°	952.9	979.9	1006.9	1013.7	1073.5	1153.1	1192.9	1250.4	1365.4	1451.7	1464.3
147.5°	990.2	1016.5	1042.9	1049.4	1097.3	1161.0	1192.9	1238.2	1328.6	1396.5	1406.9
150°	1014.5	1038.3	1062.1	1068.1	1109.7	1165.2	1192.9	1231.1	1307.5	1364.8	1373.3
152.5°	1039.6	1057.7	1075.7	1080.2	1117.8	1167.9	1192.9	1225.6	1290.8	1339.7	1346.1
155°	1077.0	1090.3	1103.6	1107.0	1135.6	1173.8	1192.9	1218.9	1270.8	1309.7	1314.0
157.5°	1104.5	1117.5	1130.5	1133.7	1153.4	1179.8	1192.9	1213.1	1253.5	1283.7	1286.7
160°	1123.2	1133.3	1143.4	1145.9	1161.6	1182.5	1192.9	1210.2	1244.8	1270.8	1272.6
162.5°	1141.8	1149.4	1156.9	1158.8	1170.2	1185.4	1192.9	1207.5	1236.7	1258.6	1260.3
165°	1162.2	1169.0	1175.8	1177.5	1182.7	1189.5	1192.9	1203.4	1224.2	1239.9	1241.7
167.5°	1180.7	1184.0	1187.3	1188.1	1192.4	1198.2	1201.1	1207.9	1221.5	1231.8	1232.5
170°	1192.9	1196.2	1199.5	1200.3	1200.5	1200.9	1201.1	1207.9	1221.5	1231.8	1231.8
172.5°	1199.4	1200.1	1200.9	1201.1	1201.1	1201.1	1201.1	1206.5	1217.3	1225.4	1224.8
175°	1208.4	1208.4	1208.4	1208.4	1205.9	1202.7	1201.1	1204.5	1211.3	1216.5	1216.5
177.5°	1208.4	1208.4	1208.4	1208.4	1206.5	1203.9	1202.7	1205.4	1210.8	1214.8	1214.1
180°	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5
2.5°	1901.9	1896.6	1901.9	1898.3	1900.1	1894.8	1879.1	1873.8	1879.1	1884.3	1884.3
5°	1924.7	1921.2	1924.7	1924.7	1922.9	1919.4	1901.9	1898.3	1901.9	1903.7	1900.1
7.5°	1931.7	1926.4	1931.7	1928.2	1928.2	1924.7	1907.1	1903.7	1905.4	1910.6	1905.4
10°	1931.7	1926.4	1931.7	1930.0	1928.2	1924.7	1907.1	1900.1	1900.1	1905.4	1900.1
12.5°	1922.9	1919.4	1922.9	1919.4	1919.4	1915.9	1898.3	1891.4	1893.1	1894.8	1887.9
15°	1908.9	1903.7	1908.9	1905.4	1907.1	1901.9	1882.5	1875.6	1875.6	1879.1	1866.8
17.5°	1887.9	1880.8	1887.9	1886.1	1884.3	1880.8	1863.3	1856.3	1854.5	1856.3	1847.5
20°	1863.3	1858.0	1863.3	1861.5	1861.5	1854.5	1836.9	1828.2	1828.2	1828.2	1819.4
22.5°	1824.6	1819.4	1824.6	1828.2	1828.2	1826.4	1810.6	1798.4	1794.8	1794.8	1784.4
25°	1780.8	1775.5	1780.8	1780.8	1779.0	1780.8	1775.5	1768.6	1763.3	1758.0	1747.5
27.5°	1738.7	1735.2	1738.7	1735.2	1738.7	1733.4	1731.7	1729.9	1722.9	1717.6	1703.6
30°	1696.6	1693.1	1696.6	1693.1	1689.6	1686.1	1677.3	1673.8	1680.8	1677.3	1654.5
32.5°	1644.0	1640.5	1644.0	1644.0	1640.5	1640.5	1626.4	1621.1	1622.9	1633.4	1612.4
35°	1589.5	1584.3	1589.5	1587.8	1589.5	1584.3	1575.5	1573.8	1566.8	1579.1	1563.3
37.5°	1526.4	1521.2	1526.4	1526.4	1526.4	1529.9	1522.9	1517.6	1507.1	1522.9	1510.6
40°	1461.5	1454.5	1461.5	1459.7	1461.5	1465.0	1461.5	1458.0	1447.5	1459.7	1449.2
42.5°	1387.8	1386.0	1387.8	1389.6	1389.6	1396.6	1401.9	1394.8	1391.3	1382.5	1389.6
45°	1308.8	1305.3	1308.8	1312.3	1314.2	1317.6	1333.4	1333.4	1328.2	1314.2	1324.6
47.5°	1224.6	1215.9	1224.6	1235.1	1235.1	1240.5	1256.3	1268.5	1259.7	1242.2	1247.4
50°	1135.1	1136.9	1135.1	1142.2	1142.2	1161.5	1173.8	1186.1	1194.8	1173.8	1149.2
52.5°	1047.4	1045.7	1047.4	1052.7	1059.7	1068.5	1089.5	1101.8	1115.9	1103.6	1065.0
55°	959.7	963.2	959.7	961.5	965.0	970.2	1001.8	1014.1	1040.4	1024.6	984.3
57.5°	871.9	866.7	871.9	875.5	877.3	882.5	908.8	931.6	947.5	949.2	900.0
60°	770.2	763.2	770.2	786.1	789.5	793.0	817.6	838.6	852.7	857.9	807.1
62.5°	680.7	668.5	680.7	691.3	698.3	707.0	724.6	756.2	768.4	770.2	698.3
65°	586.0	580.8	586.0	607.0	608.8	619.3	638.7	661.4	687.8	684.3	580.8
67.5°	500.0	500.0	500.0	514.1	524.6	529.8	554.4	565.0	598.3	601.8	484.2
70°	421.1	419.4	421.1	431.6	438.6	450.9	473.7	486.0	512.3	521.1	393.0
72.5°	345.7	343.8	345.7	354.4	361.5	371.9	391.3	405.3	428.1	438.6	305.3
75°	279.0	275.5	279.0	285.9	284.2	298.2	314.0	328.1	349.2	356.1	226.3
77.5°	214.1	214.1	214.1	221.1	221.1	235.1	242.2	259.7	272.0	282.5	166.6
80°	159.7	157.9	159.7	161.4	161.4	168.4	180.7	193.0	203.5	203.5	114.1
82.5°	112.3	108.7	112.3	112.3	112.3	115.8	122.8	126.4	133.3	138.6	71.9
85°	70.2	70.2	70.2	71.9	70.2	73.7	75.4	78.9	78.9	75.4	43.9
87.5°	45.6	43.9	45.6	43.9	43.9	42.1	42.1	42.1	40.4	38.6	24.6
90°	30.8	30.8	30.8	30.8	30.8	41.1	54.8	61.7	53.0	35.7	22.7
92.5°	123.5	99.0	123.5	148.0	154.1	218.4	304.2	347.1	304.7	220.0	156.5
95°	430.3	356.1	430.3	504.5	523.0	686.9	905.3	1014.5	856.9	541.4	305.0
97.5°	1030.9	889.6	1030.9	1172.2	1207.5	1311.0	1449.1	1518.1	1255.2	729.4	334.9
100°	1485.3	1317.0	1485.3	1653.6	1695.8	1688.2	1678.1	1673.0	1381.2	797.7	360.1
102.5°	1932.3	1788.2	1932.3	2076.6	2112.6	1980.7	1804.8	1716.9	1420.9	829.0	385.2
105°	2502.3	2424.8	2502.3	2579.8	2599.2	2303.5	1909.1	1712.0	1425.4	852.3	422.5
107.5°	2875.6	2894.4	2875.6	2856.9	2852.2	2439.7	1889.7	1614.7	1362.0	856.7	477.7
110°	3017.9	3098.7	3017.9	2937.2	2917.0	2455.9	1841.0	1533.6	1305.8	850.1	508.5



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CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3030.7	3154.7	3030.7	2906.7	2875.7	2403.8	1774.4	1459.8	1256.7	850.5	545.8
115°	2950.3	3122.2	2950.3	2778.4	2735.4	2280.7	1674.5	1371.4	1200.4	858.3	601.7
117.5°	2779.9	2970.6	2779.9	2589.2	2541.5	2131.2	1584.0	1310.5	1165.0	874.2	656.0
120°	2642.6	2827.8	2642.6	2457.3	2411.0	2036.0	1536.1	1286.2	1153.2	887.2	687.7
122.5°	2508.8	2691.6	2508.8	2326.2	2280.5	1942.8	1492.6	1267.5	1147.0	905.9	725.0
125°	2318.1	2486.4	2318.1	2149.8	2107.7	1820.9	1438.5	1247.3	1141.8	931.0	772.9
127.5°	2146.6	2288.6	2146.6	2004.5	1969.1	1722.8	1394.5	1230.3	1138.9	956.2	819.1
130°	2045.4	2176.7	2045.4	1914.2	1881.4	1662.2	1369.9	1223.7	1140.6	974.5	849.9
132.5°	1953.7	2071.3	1953.7	1836.2	1806.9	1610.6	1348.9	1218.1	1141.8	989.3	875.0
135°	1828.0	1929.3	1828.0	1726.7	1701.4	1537.0	1317.9	1208.4	1140.8	1005.6	904.2
137.5°	1727.2	1810.1	1727.2	1644.3	1623.6	1484.6	1299.3	1206.7	1147.8	1030.0	941.5
140°	1658.0	1735.4	1658.0	1580.5	1561.1	1441.1	1281.1	1201.1	1149.0	1044.8	966.6
142.5°	1600.7	1667.3	1600.7	1534.0	1517.3	1411.9	1271.3	1201.1	1153.1	1057.3	985.3
145°	1514.7	1565.1	1514.7	1464.3	1451.7	1365.4	1250.4	1192.9	1153.1	1073.5	1013.7
147.5°	1448.7	1490.6	1448.7	1406.9	1396.5	1328.6	1238.2	1192.9	1161.0	1097.3	1049.4
150°	1407.2	1441.1	1407.2	1373.3	1364.8	1307.5	1231.1	1192.9	1165.2	1109.7	1068.1
152.5°	1371.7	1397.3	1371.7	1346.1	1339.7	1290.8	1225.6	1192.9	1167.9	1117.8	1080.2
155°	1330.9	1347.8	1330.9	1314.0	1309.7	1270.8	1218.9	1192.9	1173.8	1135.6	1107.0
157.5°	1298.6	1310.5	1298.6	1286.7	1283.7	1253.5	1213.1	1192.9	1179.8	1153.4	1133.7
160°	1279.4	1286.2	1279.4	1272.6	1270.8	1244.8	1210.2	1192.9	1182.5	1161.6	1145.9
162.5°	1266.7	1273.3	1266.7	1260.3	1258.6	1236.7	1207.5	1192.9	1185.4	1170.2	1158.8
165°	1248.5	1255.4	1248.5	1241.7	1239.9	1224.2	1203.4	1192.9	1189.5	1182.7	1177.5
167.5°	1235.5	1238.4	1235.5	1232.5	1231.8	1221.5	1207.9	1201.1	1198.2	1192.4	1188.1
170°	1231.8	1231.8	1231.8	1231.8	1231.8	1221.5	1207.9	1201.1	1200.9	1200.5	1200.3
172.5°	1222.2	1219.7	1222.2	1224.8	1225.4	1217.3	1206.5	1201.1	1201.1	1201.1	1201.1
175°	1216.5	1216.5	1216.5	1216.5	1216.5	1211.3	1204.5	1201.1	1202.7	1205.9	1208.4
177.5°	1211.3	1208.4	1211.3	1214.1	1214.8	1210.8	1205.4	1202.7	1203.9	1206.5	1208.4
180°	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4



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CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5
2.5°	1880.8	1870.3	1870.3	1852.7	1845.7	1840.4	1831.7	1805.4	1798.4	1791.3	1801.9
5°	1896.6	1877.3	1863.3	1831.7	1805.4	1794.8	1761.5	1698.4	1656.3	1624.7	1607.2
7.5°	1900.1	1875.6	1849.2	1800.1	1736.9	1708.8	1607.2	1491.4	1459.7	1431.7	1414.1
10°	1896.6	1868.5	1831.7	1758.0	1608.9	1559.7	1458.0	1382.5	1363.3	1358.0	1363.3
12.5°	1884.3	1858.0	1807.1	1684.3	1475.6	1442.2	1382.5	1338.7	1335.2	1344.0	1391.3
15°	1863.3	1838.7	1779.0	1586.1	1401.9	1377.3	1335.2	1319.4	1338.7	1400.1	1542.2
17.5°	1842.3	1814.2	1740.5	1489.6	1345.7	1328.2	1298.3	1329.9	1438.7	1521.2	1568.5
20°	1814.2	1780.8	1696.6	1419.4	1305.3	1289.6	1275.5	1417.7	1500.1	1529.9	1556.2
22.5°	1780.8	1745.7	1637.0	1370.2	1263.2	1250.9	1259.7	1466.8	1500.1	1521.2	1543.9
25°	1736.9	1707.1	1566.8	1331.7	1229.9	1215.9	1249.2	1461.5	1480.8	1486.0	1531.6
27.5°	1696.6	1658.0	1493.1	1296.5	1189.5	1184.3	1258.0	1438.7	1452.7	1458.0	1507.1
30°	1647.4	1589.5	1410.6	1259.7	1147.4	1145.7	1259.7	1410.6	1407.1	1421.2	1470.2
32.5°	1596.6	1487.8	1317.6	1214.1	1107.0	1105.3	1247.4	1368.5	1365.0	1384.3	1421.2
35°	1549.3	1408.9	1191.3	1161.5	1056.2	1058.0	1217.6	1319.4	1321.1	1338.7	1361.5
37.5°	1500.1	1340.4	1052.7	1103.6	1007.1	1007.1	1177.2	1273.8	1270.3	1275.5	1307.1
40°	1442.2	1233.4	929.8	1028.1	961.5	956.2	1128.2	1224.6	1212.4	1210.6	1254.4
42.5°	1380.8	1115.9	838.6	928.1	908.8	901.8	1068.5	1165.0	1142.2	1147.4	1203.6
45°	1314.2	1084.3	768.4	784.2	854.4	849.2	1003.5	1096.6	1080.8	1094.8	1152.7
47.5°	1247.4	1021.2	745.7	650.9	796.5	794.8	931.6	1029.9	1021.2	1035.2	1096.6
50°	1156.2	951.0	743.9	557.9	731.6	738.6	845.7	965.0	965.0	977.3	1042.2
52.5°	1038.7	865.0	675.5	505.3	656.2	677.2	770.2	908.8	912.3	924.6	982.5
55°	931.6	775.5	626.4	465.0	566.7	612.3	696.5	850.9	857.9	870.2	922.9
57.5°	833.4	645.7	615.8	417.5	484.2	528.1	631.6	794.8	798.3	808.8	859.7
60°	728.1	466.7	565.0	366.7	412.3	445.6	572.0	728.1	740.4	747.4	791.3
62.5°	608.8	338.6	512.3	331.6	377.2	384.2	522.9	664.9	680.7	686.0	712.4
65°	433.4	284.2	435.1	301.8	340.4	342.1	470.2	600.0	614.1	622.8	642.2
67.5°	293.0	231.6	331.6	273.7	312.3	314.0	419.4	524.6	543.9	551.0	563.2
70°	203.5	154.4	245.7	243.9	280.7	284.2	364.9	456.2	473.7	479.0	486.0
72.5°	149.1	124.5	203.5	219.3	247.4	250.9	308.8	379.0	396.5	401.7	405.3
75°	114.1	131.6	164.9	191.2	210.5	212.3	252.6	308.8	321.1	324.6	326.3
77.5°	91.2	122.8	121.0	154.4	172.0	168.4	198.3	238.6	249.1	249.1	249.1
80°	68.5	96.5	91.2	110.6	126.4	122.8	142.1	170.2	173.7	177.2	175.5
82.5°	50.8	61.4	61.4	70.2	84.2	80.8	94.7	110.6	110.6	110.6	114.1
85°	31.6	35.1	28.1	36.9	47.4	45.6	52.7	59.6	61.4	61.4	57.9
87.5°	19.3	15.8	8.8	14.0	21.0	21.0	24.6	26.3	24.6	24.6	24.6
90°	21.0	14.6	8.1	14.6	21.0	22.7	35.7	53.0	61.7	54.8	41.1
92.5°	142.8	87.6	32.4	87.6	142.8	156.5	220.0	304.7	347.1	304.2	218.4
95°	279.7	178.8	77.9	178.8	279.7	305.0	541.4	856.9	1014.5	905.3	686.9
97.5°	312.7	223.7	134.6	223.7	312.7	334.9	729.4	1255.2	1518.1	1449.1	1311.0
100°	339.9	259.2	178.4	259.2	339.9	360.1	797.7	1381.2	1673.0	1678.1	1688.2
102.5°	366.3	291.1	215.7	291.1	366.3	385.2	829.0	1420.9	1716.9	1804.8	1980.7
105°	406.5	342.8	279.0	342.8	406.5	422.5	852.3	1425.4	1712.0	1909.1	2303.5
107.5°	462.8	403.3	343.8	403.3	462.8	477.7	856.7	1362.0	1614.7	1889.7	2439.7
110°	495.1	441.3	387.6	441.3	495.1	508.5	850.1	1305.8	1533.6	1841.0	2455.9



TEST NUMBER: P934626

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	533.0	481.8	430.6	481.8	533.0	545.8	850.5	1256.7	1459.8	1774.4	2403.8
115°	589.9	542.7	495.5	542.7	589.9	601.7	858.3	1200.4	1371.4	1674.5	2280.7
117.5°	645.3	602.5	559.6	602.5	645.3	656.0	874.2	1165.0	1310.5	1584.0	2131.2
120°	677.6	637.3	596.9	637.3	677.6	687.7	887.2	1153.2	1286.2	1536.1	2036.0
122.5°	714.8	674.1	633.4	674.1	714.8	725.0	905.9	1147.0	1267.5	1492.6	1942.8
125°	763.6	726.5	689.3	726.5	763.6	772.9	931.0	1141.8	1247.3	1438.5	1820.9
127.5°	809.8	772.3	734.8	772.3	809.8	819.1	956.2	1138.9	1230.3	1394.5	1722.8
130°	839.8	799.5	759.1	799.5	839.8	849.9	974.5	1140.6	1223.7	1369.9	1662.2
132.5°	864.9	824.6	784.2	824.6	864.9	875.0	989.3	1141.8	1218.1	1348.9	1610.6
135°	895.1	858.3	821.5	858.3	895.1	904.2	1005.6	1140.8	1208.4	1317.9	1537.0
137.5°	932.5	896.0	859.7	896.0	932.5	941.5	1030.0	1147.8	1206.7	1299.3	1484.6
140°	958.3	924.7	891.2	924.7	958.3	966.6	1044.8	1149.0	1201.1	1281.1	1441.1
142.5°	977.6	946.6	915.5	946.6	977.6	985.3	1057.3	1153.1	1201.1	1271.3	1411.9
145°	1006.9	979.9	952.9	979.9	1006.9	1013.7	1073.5	1153.1	1192.9	1250.4	1365.4
147.5°	1042.9	1016.5	990.2	1016.5	1042.9	1049.4	1097.3	1161.0	1192.9	1238.2	1328.6
150°	1062.1	1038.3	1014.5	1038.3	1062.1	1068.1	1109.7	1165.2	1192.9	1231.1	1307.5
152.5°	1075.7	1057.7	1039.6	1057.7	1075.7	1080.2	1117.8	1167.9	1192.9	1225.6	1290.8
155°	1103.6	1090.3	1077.0	1090.3	1103.6	1107.0	1135.6	1173.8	1192.9	1218.9	1270.8
157.5°	1130.5	1117.5	1104.5	1117.5	1130.5	1133.7	1153.4	1179.8	1192.9	1213.1	1253.5
160°	1143.4	1133.3	1123.2	1133.3	1143.4	1145.9	1161.6	1182.5	1192.9	1210.2	1244.8
162.5°	1156.9	1149.4	1141.8	1149.4	1156.9	1158.8	1170.2	1185.4	1192.9	1207.5	1236.7
165°	1175.8	1169.0	1162.2	1169.0	1175.8	1177.5	1182.7	1189.5	1192.9	1203.4	1224.2
167.5°	1187.3	1184.0	1180.7	1184.0	1187.3	1188.1	1192.4	1198.2	1201.1	1207.9	1221.5
170°	1199.5	1196.2	1192.9	1196.2	1199.5	1200.3	1200.5	1200.9	1201.1	1207.9	1221.5
172.5°	1200.9	1200.1	1199.4	1200.1	1200.9	1201.1	1201.1	1201.1	1201.1	1206.5	1217.3
175°	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1205.9	1202.7	1201.1	1204.5	1211.3
177.5°	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1206.5	1203.9	1202.7	1205.4	1210.8
180°	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4



TEST NUMBER: P934626

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5	1854.5
2.5°	1789.6	1784.4	1791.3	1772.1	1791.3	1784.4	1789.6	1801.9	1791.3	1798.4	1805.4
5°	1570.3	1561.5	1533.5	1510.6	1533.5	1561.5	1570.3	1607.2	1624.7	1656.3	1698.4
7.5°	1403.6	1396.6	1389.6	1375.5	1389.6	1396.6	1403.6	1414.1	1431.7	1459.7	1491.4
10°	1366.7	1368.5	1379.0	1377.3	1379.0	1368.5	1366.7	1363.3	1358.0	1363.3	1382.5
12.5°	1461.5	1477.3	1535.2	1531.6	1535.2	1477.3	1461.5	1391.3	1344.0	1335.2	1338.7
15°	1570.3	1575.5	1587.8	1589.5	1587.8	1575.5	1570.3	1542.2	1400.1	1338.7	1319.4
17.5°	1580.8	1582.6	1591.3	1591.3	1591.3	1582.6	1580.8	1568.5	1521.2	1438.7	1329.9
20°	1572.0	1575.5	1593.1	1596.6	1593.1	1575.5	1572.0	1556.2	1529.9	1500.1	1417.7
22.5°	1568.5	1575.5	1589.5	1587.8	1589.5	1575.5	1568.5	1543.9	1521.2	1500.1	1466.8
25°	1551.0	1551.0	1552.7	1554.5	1552.7	1551.0	1551.0	1531.6	1486.0	1480.8	1461.5
27.5°	1514.1	1517.6	1528.2	1526.4	1528.2	1517.6	1514.1	1507.1	1458.0	1452.7	1438.7
30°	1480.8	1477.3	1468.5	1461.5	1468.5	1477.3	1480.8	1470.2	1421.2	1407.1	1410.6
32.5°	1424.6	1415.8	1407.1	1401.9	1407.1	1415.8	1424.6	1421.2	1384.3	1365.0	1368.5
35°	1358.0	1359.8	1358.0	1352.7	1358.0	1359.8	1358.0	1361.5	1338.7	1321.1	1319.4
37.5°	1310.6	1314.2	1312.3	1305.3	1312.3	1314.2	1310.6	1307.1	1275.5	1270.3	1273.8
40°	1261.5	1263.2	1261.5	1256.3	1261.5	1263.2	1261.5	1254.4	1210.6	1212.4	1224.6
42.5°	1214.1	1212.4	1207.1	1203.6	1207.1	1212.4	1214.1	1203.6	1147.4	1142.2	1165.0
45°	1159.7	1161.5	1150.9	1145.7	1150.9	1161.5	1159.7	1152.7	1094.8	1080.8	1096.6
47.5°	1105.3	1105.3	1096.6	1091.3	1096.6	1105.3	1105.3	1096.6	1035.2	1021.2	1029.9
50°	1047.4	1045.7	1033.4	1031.6	1033.4	1045.7	1047.4	1042.2	977.3	965.0	965.0
52.5°	980.8	980.8	982.5	986.0	982.5	980.8	980.8	982.5	924.6	912.3	908.8
55°	922.9	924.6	936.9	940.4	936.9	924.6	922.9	922.9	870.2	857.9	850.9
57.5°	863.2	863.2	871.9	871.9	871.9	863.2	863.2	859.7	808.8	798.3	794.8
60°	794.8	798.3	805.3	803.6	805.3	798.3	794.8	791.3	747.4	740.4	728.1
62.5°	722.8	726.4	728.1	724.6	728.1	726.4	722.8	712.4	686.0	680.7	664.9
65°	647.4	650.9	652.6	649.1	652.6	650.9	647.4	642.2	622.8	614.1	600.0
67.5°	570.2	568.5	566.7	573.7	566.7	568.5	570.2	563.2	551.0	543.9	524.6
70°	491.2	491.2	489.5	493.0	489.5	491.2	491.2	486.0	479.0	473.7	456.2
72.5°	407.1	405.3	412.3	407.1	412.3	405.3	407.1	405.3	401.7	396.5	379.0
75°	324.6	328.1	324.6	329.8	324.6	328.1	324.6	326.3	324.6	321.1	308.8
77.5°	247.4	250.9	247.4	247.4	247.4	250.9	247.4	249.1	249.1	249.1	238.6
80°	175.5	173.7	173.7	172.0	173.7	173.7	175.5	175.5	177.2	173.7	170.2
82.5°	112.3	110.6	110.6	114.1	110.6	110.6	112.3	114.1	110.6	110.6	110.6
85°	61.4	63.1	59.6	59.6	59.6	63.1	61.4	57.9	61.4	61.4	59.6
87.5°	22.8	21.0	21.0	21.0	21.0	21.0	22.8	24.6	24.6	24.6	26.3
90°	30.8	30.8	30.8	30.8	30.8	30.8	30.8	41.1	54.8	61.7	53.0
92.5°	154.1	148.0	123.5	99.0	123.5	148.0	154.1	218.4	304.2	347.1	304.7
95°	523.0	504.5	430.3	356.1	430.3	504.5	523.0	686.9	905.3	1014.5	856.9
97.5°	1207.5	1172.2	1030.9	889.6	1030.9	1172.2	1207.5	1311.0	1449.1	1518.1	1255.2
100°	1695.8	1653.6	1485.3	1317.0	1485.3	1653.6	1695.8	1688.2	1678.1	1673.0	1381.2
102.5°	2112.6	2076.6	1932.3	1788.2	1932.3	2076.6	2112.6	1980.7	1804.8	1716.9	1420.9
105°	2599.2	2579.8	2502.3	2424.8	2502.3	2579.8	2599.2	2303.5	1909.1	1712.0	1425.4
107.5°	2852.2	2856.9	2875.6	2894.4	2875.6	2856.9	2852.2	2439.7	1889.7	1614.7	1362.0
110°	2917.0	2937.2	3017.9	3098.7	3017.9	2937.2	2917.0	2455.9	1841.0	1533.6	1305.8



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2875.7	2906.7	3030.7	3154.7	3030.7	2906.7	2875.7	2403.8	1774.4	1459.8	1256.7
115°	2735.4	2778.4	2950.3	3122.2	2950.3	2778.4	2735.4	2280.7	1674.5	1371.4	1200.4
117.5°	2541.5	2589.2	2779.9	2970.6	2779.9	2589.2	2541.5	2131.2	1584.0	1310.5	1165.0
120°	2411.0	2457.3	2642.6	2827.8	2642.6	2457.3	2411.0	2036.0	1536.1	1286.2	1153.2
122.5°	2280.5	2326.2	2508.8	2691.6	2508.8	2326.2	2280.5	1942.8	1492.6	1267.5	1147.0
125°	2107.7	2149.8	2318.1	2486.4	2318.1	2149.8	2107.7	1820.9	1438.5	1247.3	1141.8
127.5°	1969.1	2004.5	2146.6	2288.6	2146.6	2004.5	1969.1	1722.8	1394.5	1230.3	1138.9
130°	1881.4	1914.2	2045.4	2176.7	2045.4	1914.2	1881.4	1662.2	1369.9	1223.7	1140.6
132.5°	1806.9	1836.2	1953.7	2071.3	1953.7	1836.2	1806.9	1610.6	1348.9	1218.1	1141.8
135°	1701.4	1726.7	1828.0	1929.3	1828.0	1726.7	1701.4	1537.0	1317.9	1208.4	1140.8
137.5°	1623.6	1644.3	1727.2	1810.1	1727.2	1644.3	1623.6	1484.6	1299.3	1206.7	1147.8
140°	1561.1	1580.5	1658.0	1735.4	1658.0	1580.5	1561.1	1441.1	1281.1	1201.1	1149.0
142.5°	1517.3	1534.0	1600.7	1667.3	1600.7	1534.0	1517.3	1411.9	1271.3	1201.1	1153.1
145°	1451.7	1464.3	1514.7	1565.1	1514.7	1464.3	1451.7	1365.4	1250.4	1192.9	1153.1
147.5°	1396.5	1406.9	1448.7	1490.6	1448.7	1406.9	1396.5	1328.6	1238.2	1192.9	1161.0
150°	1364.8	1373.3	1407.2	1441.1	1407.2	1373.3	1364.8	1307.5	1231.1	1192.9	1165.2
152.5°	1339.7	1346.1	1371.7	1397.3	1371.7	1346.1	1339.7	1290.8	1225.6	1192.9	1167.9
155°	1309.7	1314.0	1330.9	1347.8	1330.9	1314.0	1309.7	1270.8	1218.9	1192.9	1173.8
157.5°	1283.7	1286.7	1298.6	1310.5	1298.6	1286.7	1283.7	1253.5	1213.1	1192.9	1179.8
160°	1270.8	1272.6	1279.4	1286.2	1279.4	1272.6	1270.8	1244.8	1210.2	1192.9	1182.5
162.5°	1258.6	1260.3	1266.7	1273.3	1266.7	1260.3	1258.6	1236.7	1207.5	1192.9	1185.4
165°	1239.9	1241.7	1248.5	1255.4	1248.5	1241.7	1239.9	1224.2	1203.4	1192.9	1189.5
167.5°	1231.8	1232.5	1235.5	1238.4	1235.5	1232.5	1231.8	1221.5	1207.9	1201.1	1198.2
170°	1231.8	1231.8	1231.8	1231.8	1231.8	1231.8	1231.8	1221.5	1207.9	1201.1	1200.9
172.5°	1225.4	1224.8	1222.2	1219.7	1222.2	1224.8	1225.4	1217.3	1206.5	1201.1	1201.1
175°	1216.5	1216.5	1216.5	1216.5	1216.5	1216.5	1216.5	1211.3	1204.5	1201.1	1202.7
177.5°	1214.8	1214.1	1211.3	1208.4	1211.3	1214.1	1214.8	1210.8	1205.4	1202.7	1203.9
180°	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4	1208.4



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CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1854.5	1854.5	1854.5	1854.5	1854.5
2.5°	1831.7	1840.4	1845.7	1852.7	1870.3
5°	1761.5	1794.8	1805.4	1831.7	1863.3
7.5°	1607.2	1708.8	1736.9	1800.1	1849.2
10°	1458.0	1559.7	1608.9	1758.0	1831.7
12.5°	1382.5	1442.2	1475.6	1684.3	1807.1
15°	1335.2	1377.3	1401.9	1586.1	1779.0
17.5°	1298.3	1328.2	1345.7	1489.6	1740.5
20°	1275.5	1289.6	1305.3	1419.4	1696.6
22.5°	1259.7	1250.9	1263.2	1370.2	1637.0
25°	1249.2	1215.9	1229.9	1331.7	1566.8
27.5°	1258.0	1184.3	1189.5	1296.5	1493.1
30°	1259.7	1145.7	1147.4	1259.7	1410.6
32.5°	1247.4	1105.3	1107.0	1214.1	1317.6
35°	1217.6	1058.0	1056.2	1161.5	1191.3
37.5°	1177.2	1007.1	1007.1	1103.6	1052.7
40°	1128.2	956.2	961.5	1028.1	929.8
42.5°	1068.5	901.8	908.8	928.1	838.6
45°	1003.5	849.2	854.4	784.2	768.4
47.5°	931.6	794.8	796.5	650.9	745.7
50°	845.7	738.6	731.6	557.9	743.9
52.5°	770.2	677.2	656.2	505.3	675.5
55°	696.5	612.3	566.7	465.0	626.4
57.5°	631.6	528.1	484.2	417.5	615.8
60°	572.0	445.6	412.3	366.7	565.0
62.5°	522.9	384.2	377.2	331.6	512.3
65°	470.2	342.1	340.4	301.8	435.1
67.5°	419.4	314.0	312.3	273.7	331.6
70°	364.9	284.2	280.7	243.9	245.7
72.5°	308.8	250.9	247.4	219.3	203.5
75°	252.6	212.3	210.5	191.2	164.9
77.5°	198.3	168.4	172.0	154.4	121.0
80°	142.1	122.8	126.4	110.6	91.2
82.5°	94.7	80.8	84.2	70.2	61.4
85°	52.7	45.6	47.4	36.9	28.1
87.5°	24.6	21.0	21.0	14.0	8.8
90°	35.7	22.7	21.0	14.6	8.1
92.5°	220.0	156.5	142.8	87.6	32.4
95°	541.4	305.0	279.7	178.8	77.9
97.5°	729.4	334.9	312.7	223.7	134.6
100°	797.7	360.1	339.9	259.2	178.4
102.5°	829.0	385.2	366.3	291.1	215.7
105°	852.3	422.5	406.5	342.8	279.0
107.5°	856.7	477.7	462.8	403.3	343.8
110°	850.1	508.5	495.1	441.3	387.6



TEST NUMBER: P934626

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	850.5	545.8	533.0	481.8	430.6
115°	858.3	601.7	589.9	542.7	495.5
117.5°	874.2	656.0	645.3	602.5	559.6
120°	887.2	687.7	677.6	637.3	596.9
122.5°	905.9	725.0	714.8	674.1	633.4
125°	931.0	772.9	763.6	726.5	689.3
127.5°	956.2	819.1	809.8	772.3	734.8
130°	974.5	849.9	839.8	799.5	759.1
132.5°	989.3	875.0	864.9	824.6	784.2
135°	1005.6	904.2	895.1	858.3	821.5
137.5°	1030.0	941.5	932.5	896.0	859.7
140°	1044.8	966.6	958.3	924.7	891.2
142.5°	1057.3	985.3	977.6	946.6	915.5
145°	1073.5	1013.7	1006.9	979.9	952.9
147.5°	1097.3	1049.4	1042.9	1016.5	990.2
150°	1109.7	1068.1	1062.1	1038.3	1014.5
152.5°	1117.8	1080.2	1075.7	1057.7	1039.6
155°	1135.6	1107.0	1103.6	1090.3	1077.0
157.5°	1153.4	1133.7	1130.5	1117.5	1104.5
160°	1161.6	1145.9	1143.4	1133.3	1123.2
162.5°	1170.2	1158.8	1156.9	1149.4	1141.8
165°	1182.7	1177.5	1175.8	1169.0	1162.2
167.5°	1192.4	1188.1	1187.3	1184.0	1180.7
170°	1200.5	1200.3	1199.5	1196.2	1192.9
172.5°	1201.1	1201.1	1200.9	1200.1	1199.4
175°	1205.9	1208.4	1208.4	1208.4	1208.4
177.5°	1206.5	1208.4	1208.4	1208.4	1208.4
180°	1208.4	1208.4	1208.4	1208.4	1208.4



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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	9.66	10.43	10.72	11.49	12.92	12.52	13.28	13.57	14.34	15.77
	3H	10.13	10.82	11.20	11.88	13.33	13.86	14.54	14.92	15.61	17.06
	4H	10.32	10.97	11.39	12.04	13.49	14.30	14.95	15.38	16.02	17.48
	6H	10.43	11.03	11.52	12.10	13.57	14.59	15.19	15.67	16.26	17.73
	8H	10.43	11.00	11.52	12.09	13.55	14.66	15.23	15.75	16.32	17.78
	12H	10.40	10.94	11.49	12.02	13.51	14.70	15.24	15.80	16.32	17.81
4H	2H	10.69	11.34	11.77	12.41	13.86	12.91	13.56	13.99	14.63	16.09
	3H	11.71	12.25	12.80	13.34	14.81	14.41	14.95	15.50	16.05	17.52
	4H	11.98	12.48	13.07	13.56	15.05	14.94	15.44	16.04	16.52	18.02
	6H	12.10	12.52	13.20	13.63	15.12	15.31	15.73	16.41	16.84	18.33
	8H	12.10	12.50	13.20	13.60	15.10	15.42	15.81	16.52	16.91	18.41
	12H	12.06	12.42	13.18	13.54	15.04	15.47	15.83	16.59	16.94	18.45
8H	4H	12.43	12.83	13.53	13.93	15.43	15.06	15.46	16.16	16.56	18.06
	6H	12.69	13.01	13.81	14.16	15.65	15.50	15.83	16.62	16.97	18.47
	8H	12.73	13.01	13.86	14.14	15.66	15.65	15.94	16.78	17.06	18.58
	12H	12.71	12.96	13.84	14.08	15.63	15.75	16.00	16.88	17.12	18.68
12H	4H	12.43	12.79	13.55	13.90	15.41	15.02	15.38	16.14	16.49	18.00
	6H	12.75	13.03	13.88	14.16	15.68	15.49	15.78	16.62	16.90	18.42
	8H	12.81	13.06	13.94	14.18	15.74	15.65	15.91	16.79	17.03	18.58