

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: P935152

Luminaire Tested: SQ4-FA-100U-075D-930-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935152
REPORT IS A COMBINATION OF REPORTS P933744 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-075D-930-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

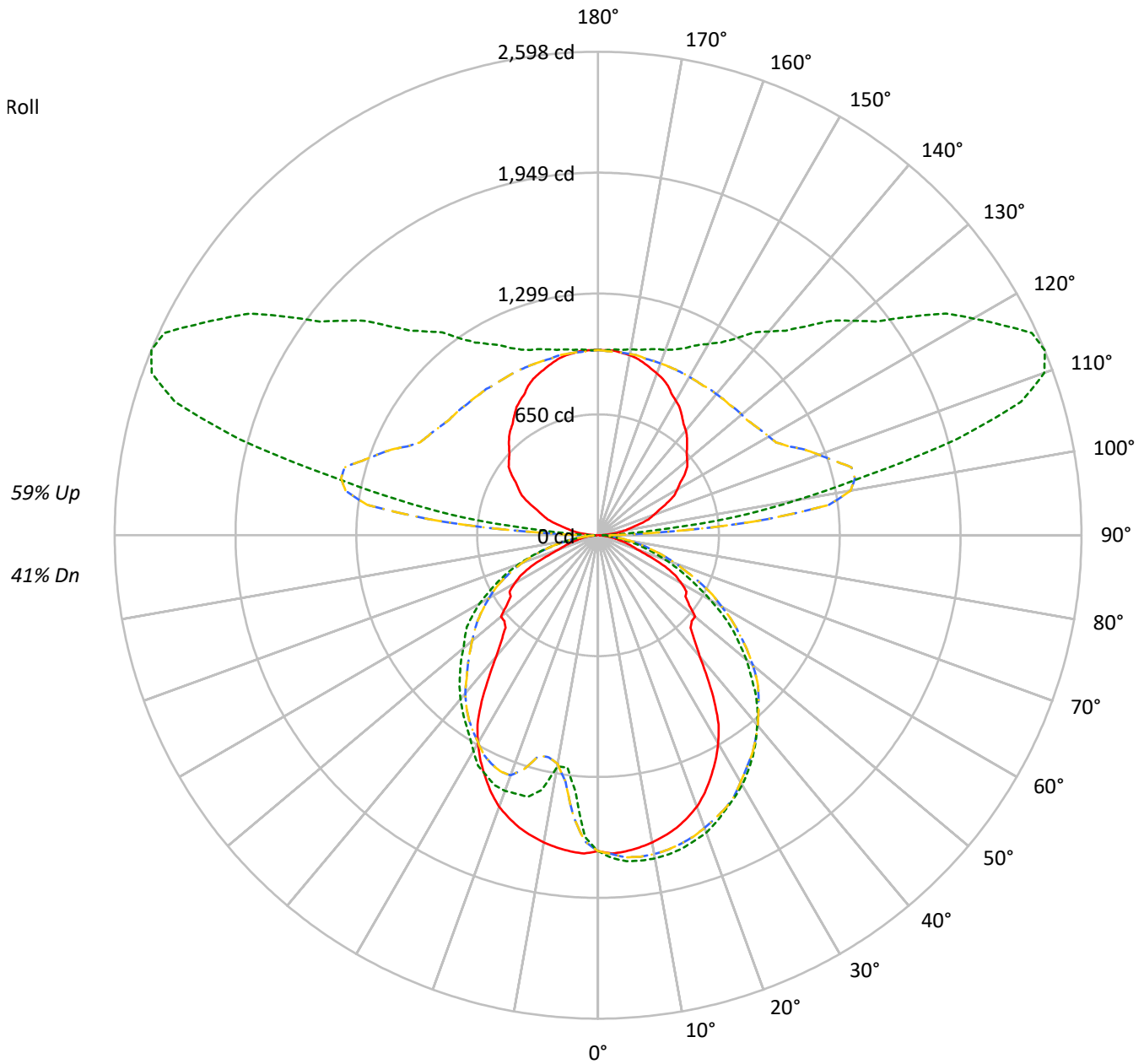
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10857.4 lumens
Efficiency: N/A
Efficacy: 110.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 98.4
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			
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR	0	105	105	105	105	96	96	96	96	78	78	78	62	62	62	47	47	47	41	
1	96	91	88	84	87	83	80	77	68	66	64	55	53	52	42	41	40	34		
2	87	80	74	69	79	73	68	63	60	56	53	48	45	43	37	35	34	29		
3	79	70	63	57	72	64	58	53	53	48	45	42	39	37	33	31	29	24		
4	73	62	54	48	66	57	50	45	47	42	38	38	34	31	29	27	25	21		
5	67	55	47	41	60	51	44	38	42	37	33	34	30	27	26	24	22	18		
6	61	49	41	36	56	45	38	33	38	32	28	31	27	24	24	21	19	16		
7	57	45	37	31	51	41	34	29	34	29	25	28	24	21	22	19	17	14		
8	52	40	33	27	48	37	30	26	31	26	22	25	21	18	20	17	15	13		
9	49	37	29	24	44	34	27	23	28	23	20	23	19	17	18	16	13	11		
10	46	34	26	22	41	31	25	20	26	21	18	21	18	15	17	14	12	10		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	7876	7876	7876	7876
5°	7934	7950	7934	6251
10°	7881	7831	7881	5599
15°	7796	7661	7796	6398
20°	7633	7461	7633	6411
25°	7299	7167	7299	6275
30°	6867	6924	6867	5977
35°	6122	6616	6122	5649
40°	5102	6254	5102	5401
45°	4558	5829	4558	5116
50°	4843	5323	4843	4831
55°	4556	4779	4556	4665
60°	4697	4058	4697	4273
65°	4258	3355	4258	3750
70°	2948	2673	2948	3144
75°	2586	1976	2586	2366
80°	2083	1306	2083	1423
85°	1197	692	1197	588

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 6986 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	153.2	1.4
10°-20°	435.0	4.0
20°-30°	672.5	6.2
30°-40°	802.8	7.4
40°-50°	807.5	7.4
50°-60°	702.7	6.5
60°-70°	498.2	4.6
70°-80°	263.6	2.4
80°-90°	69.4	0.6
90°-100°	485.2	4.5
100°-110°	1275.5	11.7
110°-120°	1322.6	12.2
120°-130°	1060.9	9.8
130°-140°	832.4	7.7
140°-150°	638.9	5.9
150°-160°	460.1	4.2
160°-170°	281.5	2.6
170°-180°	95.1	0.9
0°-30°	1260.8	11.6
0°-40°	2063.6	19.0
0°-60°	3573.8	32.9
0°-90°	4405.1	40.6
90°-120°	3083.3	28.4
90°-150°	5615.6	51.7
90°-180°	6452.0	59.4
0°-180°	10857.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1698	1698	1698	1698	1698	
5°	1706	1758	1706	1383	1706	162
15°	1628	1742	1628	1455	1628	458
25°	1434	1625	1434	1423	1434	658
35°	1090	1450	1090	1238	1090	675
45°	703	1195	703	1049	703	563
55°	573	882	573	861	573	527
65°	398	532	398	594	398	381
75°	151	252	151	302	151	159
85°	26	64	26	55	26	35
90°	7	25	7	25	7	7
95°	64	293	64	293	64	71
105°	230	1997	230	1997	230	244
115°	408	2572	408	2572	408	403
125°	568	2048	568	2048	568	504
135°	677	1589	677	1589	677	524
145°	785	1289	785	1289	785	492
155°	887	1110	887	1110	887	408
165°	957	1034	957	1034	957	270
175°	995	1002	995	1002	995	94
180°	995	995	995	995	995	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5
2.5°	1711.9	1711.9	1721.6	1724.8	1724.8	1719.9	1715.1	1719.9	1734.4	1739.2	1737.6
5°	1705.5	1718.3	1736.0	1739.2	1742.4	1740.8	1737.6	1740.8	1756.9	1760.1	1761.7
7.5°	1692.6	1716.7	1739.2	1744.0	1748.9	1744.0	1742.4	1745.6	1761.7	1764.9	1764.9
10°	1676.6	1710.3	1736.0	1739.2	1744.0	1739.2	1739.2	1745.6	1761.7	1764.9	1766.5
12.5°	1654.1	1700.7	1724.8	1728.0	1734.4	1732.8	1731.2	1737.6	1753.7	1756.9	1756.9
15°	1628.4	1683.0	1705.5	1708.7	1719.9	1716.7	1716.7	1723.2	1740.8	1745.6	1744.0
17.5°	1593.1	1660.5	1686.2	1691.0	1699.1	1697.5	1699.1	1705.5	1721.6	1724.8	1726.4
20°	1552.9	1630.0	1660.5	1665.3	1673.4	1673.4	1673.4	1681.4	1697.5	1703.9	1703.9
22.5°	1498.3	1597.9	1630.0	1633.2	1642.9	1642.9	1646.1	1657.3	1671.8	1673.4	1673.4
25°	1434.1	1562.6	1589.9	1599.5	1609.1	1613.9	1618.8	1625.2	1630.0	1628.4	1630.0
27.5°	1366.6	1517.6	1552.9	1559.3	1572.2	1577.0	1583.4	1585.0	1586.6	1591.5	1588.3
30°	1291.1	1455.0	1508.0	1514.4	1535.3	1538.5	1532.0	1535.3	1543.3	1546.5	1549.7
32.5°	1206.0	1361.8	1461.4	1475.8	1495.1	1485.5	1483.9	1488.7	1501.5	1501.5	1504.7
35°	1090.4	1289.5	1418.0	1430.9	1445.3	1434.1	1440.5	1442.1	1450.1	1455.0	1453.3
37.5°	963.5	1226.9	1373.0	1382.7	1393.9	1379.5	1389.1	1393.9	1400.4	1397.1	1397.1
40°	851.2	1128.9	1320.1	1326.5	1336.1	1324.9	1334.5	1337.7	1340.9	1337.7	1336.1
42.5°	767.7	1021.3	1263.8	1271.9	1265.4	1273.5	1276.7	1283.1	1278.3	1271.9	1271.9
45°	703.4	992.4	1202.8	1212.4	1202.8	1215.7	1220.5	1220.5	1206.0	1202.8	1201.2
47.5°	682.6	934.7	1141.8	1141.8	1137.0	1153.0	1161.1	1149.8	1135.4	1130.5	1130.5
50°	680.9	870.5	1058.3	1051.8	1074.3	1093.6	1085.6	1074.3	1063.1	1045.4	1045.4
52.5°	618.3	791.8	950.8	974.8	1010.1	1021.3	1008.5	997.2	978.0	969.9	963.5
55°	573.3	709.9	852.8	901.0	937.9	952.4	928.3	917.0	888.1	883.3	880.1
57.5°	563.7	591.0	762.8	823.9	868.8	867.2	852.8	831.9	807.8	803.0	801.4
60°	517.1	427.2	666.5	738.8	785.3	780.5	767.7	748.4	725.9	722.7	719.5
62.5°	469.0	310.0	557.3	639.2	705.0	703.4	692.2	663.3	647.2	639.2	632.8
65°	398.3	260.2	396.7	531.6	626.3	629.6	605.5	584.6	566.9	557.3	555.7
67.5°	303.5	212.0	268.2	443.3	550.9	547.6	517.1	507.5	485.0	480.2	470.6
70°	224.8	141.3	186.3	359.7	477.0	469.0	444.9	433.6	412.7	401.5	395.1
72.5°	186.3	114.0	136.5	279.4	401.5	391.9	371.0	358.1	340.5	330.8	324.4
75°	151.0	120.4	104.4	207.2	326.0	319.6	300.3	287.5	273.0	260.2	261.8
77.5°	110.8	112.4	83.5	152.6	258.6	248.9	237.7	221.6	215.2	202.4	202.4
80°	83.5	88.3	62.6	104.4	186.3	186.3	176.7	165.4	154.2	147.8	147.8
82.5°	56.2	56.2	46.6	65.8	126.9	122.1	115.6	112.4	106.0	102.8	102.8
85°	25.7	32.1	28.9	40.2	69.1	72.3	72.3	69.1	67.5	64.2	65.8
87.5°	8.0	14.5	17.7	22.5	35.3	36.9	38.5	38.5	38.5	40.2	40.2
90°	6.7	12.0	17.3	18.7	29.4	43.6	50.7	45.1	33.8	25.4	25.4
92.5°	26.7	72.2	117.6	129.0	181.2	251.0	285.9	250.5	180.0	127.0	121.9
95°	64.2	147.3	230.4	251.2	446.0	705.8	835.7	745.7	565.8	430.9	415.6
97.5°	110.9	184.2	257.6	275.9	600.8	1033.9	1250.5	1193.7	1080.0	994.7	965.6
100°	146.9	213.4	280.0	296.6	657.1	1137.8	1378.1	1382.3	1390.6	1396.8	1362.1
102.5°	177.7	239.7	301.8	317.3	682.9	1170.4	1414.2	1486.6	1631.5	1740.2	1710.5
105°	229.8	282.3	334.9	348.0	702.1	1174.1	1410.1	1572.5	1897.3	2141.0	2125.0
107.5°	283.2	332.2	381.2	393.5	705.7	1121.9	1330.0	1556.5	2009.6	2349.3	2353.2
110°	319.3	363.5	407.8	418.8	700.3	1075.5	1263.2	1516.5	2022.9	2402.8	2419.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	354.7	396.8	439.1	449.6	700.5	1035.1	1202.4	1461.6	1980.0	2368.8	2394.3
115°	408.2	447.0	486.0	495.7	707.0	988.7	1129.6	1379.3	1878.7	2253.2	2288.6
117.5°	460.9	496.3	531.6	540.4	720.1	959.7	1079.5	1304.8	1755.5	2093.5	2132.8
120°	491.7	524.9	558.2	566.4	730.8	949.9	1059.5	1265.4	1677.1	1986.0	2024.1
122.5°	521.7	555.3	588.8	597.2	746.1	944.7	1044.1	1229.5	1600.3	1878.5	1916.1
125°	567.8	598.4	629.0	636.6	766.9	940.6	1027.4	1184.9	1499.9	1736.2	1770.9
127.5°	605.2	636.1	667.0	674.7	787.6	938.1	1013.4	1148.6	1419.1	1621.9	1651.1
130°	625.2	658.5	691.7	700.1	802.7	939.6	1008.0	1128.4	1369.2	1549.8	1576.8
132.5°	645.9	679.2	712.4	720.8	815.0	940.6	1003.3	1111.1	1326.6	1488.3	1512.5
135°	676.7	707.0	737.3	744.9	828.4	939.7	995.3	1085.6	1266.1	1401.5	1422.4
137.5°	708.1	738.0	768.1	775.5	848.4	945.5	994.0	1070.2	1222.9	1337.3	1354.4
140°	734.1	761.7	789.3	796.3	860.6	946.4	989.3	1055.2	1187.1	1285.9	1301.9
142.5°	754.2	779.7	805.2	811.6	870.9	949.8	989.3	1047.2	1163.0	1249.9	1263.6
145°	784.9	807.2	829.5	835.0	884.3	949.9	982.6	1030.0	1124.7	1195.7	1206.1
147.5°	815.6	837.3	859.0	864.4	903.9	956.4	982.6	1019.9	1094.4	1150.3	1158.9
150°	835.7	855.3	874.9	879.8	914.1	959.7	982.6	1014.1	1077.1	1124.3	1131.3
152.5°	856.4	871.3	886.1	889.8	920.7	962.0	982.6	1009.5	1063.3	1103.6	1108.9
155°	887.1	898.1	909.1	911.8	935.4	966.9	982.6	1004.0	1046.8	1078.8	1082.3
157.5°	909.8	920.5	931.2	933.9	950.1	971.8	982.6	999.3	1032.5	1057.5	1059.9
160°	925.2	933.6	941.8	943.9	956.9	974.0	982.6	996.9	1025.4	1046.8	1048.2
162.5°	940.6	946.8	953.1	954.6	963.9	976.4	982.6	994.7	1018.7	1036.8	1038.1
165°	957.3	962.9	968.5	969.9	974.2	979.8	982.6	991.2	1008.5	1021.4	1022.9
167.5°	972.6	975.2	978.0	978.6	982.1	986.9	989.3	994.9	1006.2	1014.7	1015.2
170°	982.6	985.3	988.0	988.7	988.9	989.1	989.3	994.9	1006.2	1014.7	1014.7
172.5°	988.0	988.6	989.1	989.3	989.3	989.3	989.3	993.8	1002.7	1009.4	1008.9
175°	995.3	995.3	995.3	995.3	993.3	990.7	989.3	992.1	997.7	1002.0	1002.0
177.5°	995.3	995.3	995.3	995.3	993.8	991.7	990.7	992.9	997.3	1000.7	1000.1
180°	995.3	995.3	995.3	995.3	995.3	995.3	995.3	995.3	995.3	995.3	995.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5
2.5°	1740.8	1736.0	1740.8	1737.6	1739.2	1734.4	1719.9	1715.1	1719.9	1724.8	1724.8
5°	1761.7	1758.5	1761.7	1761.7	1760.1	1756.9	1740.8	1737.6	1740.8	1742.4	1739.2
7.5°	1768.1	1763.3	1768.1	1764.9	1764.9	1761.7	1745.6	1742.4	1744.0	1748.9	1744.0
10°	1768.1	1763.3	1768.1	1766.5	1764.9	1761.7	1745.6	1739.2	1739.2	1744.0	1739.2
12.5°	1760.1	1756.9	1760.1	1756.9	1756.9	1753.7	1737.6	1731.2	1732.8	1734.4	1728.0
15°	1747.2	1742.4	1747.2	1744.0	1745.6	1740.8	1723.2	1716.7	1716.7	1719.9	1708.7
17.5°	1728.0	1721.6	1728.0	1726.4	1724.8	1721.6	1705.5	1699.1	1697.5	1699.1	1691.0
20°	1705.5	1700.7	1705.5	1703.9	1703.9	1697.5	1681.4	1673.4	1673.4	1673.4	1665.3
22.5°	1670.2	1665.3	1670.2	1673.4	1673.4	1671.8	1657.3	1646.1	1642.9	1642.9	1633.2
25°	1630.0	1625.2	1630.0	1630.0	1628.4	1630.0	1625.2	1618.8	1613.9	1609.1	1599.5
27.5°	1591.5	1588.3	1591.5	1588.3	1591.5	1586.6	1585.0	1583.4	1577.0	1572.2	1559.3
30°	1552.9	1549.7	1552.9	1549.7	1546.5	1543.3	1535.3	1532.0	1538.5	1535.3	1514.4
32.5°	1504.7	1501.5	1504.7	1504.7	1501.5	1501.5	1488.7	1483.9	1485.5	1495.1	1475.8
35°	1455.0	1450.1	1455.0	1453.3	1455.0	1450.1	1442.1	1440.5	1434.1	1445.3	1430.9
37.5°	1397.1	1392.3	1397.1	1397.1	1397.1	1400.4	1393.9	1389.1	1379.5	1393.9	1382.7
40°	1337.7	1331.3	1337.7	1336.1	1337.7	1340.9	1337.7	1334.5	1324.9	1336.1	1326.5
42.5°	1270.3	1268.7	1270.3	1271.9	1271.9	1278.3	1283.1	1276.7	1273.5	1265.4	1271.9
45°	1198.0	1194.8	1198.0	1201.2	1202.8	1206.0	1220.5	1220.5	1215.7	1202.8	1212.4
47.5°	1120.9	1112.9	1120.9	1130.5	1130.5	1135.4	1149.8	1161.1	1153.0	1137.0	1141.8
50°	1039.0	1040.6	1039.0	1045.4	1045.4	1063.1	1074.3	1085.6	1093.6	1074.3	1051.8
52.5°	958.7	957.2	958.7	963.5	969.9	978.0	997.2	1008.5	1021.3	1010.1	974.8
55°	878.5	881.7	878.5	880.1	883.3	888.1	917.0	928.3	952.4	937.9	901.0
57.5°	798.2	793.4	798.2	801.4	803.0	807.8	831.9	852.8	867.2	868.8	823.9
60°	705.0	698.6	705.0	719.5	722.7	725.9	748.4	767.7	780.5	785.3	738.8
62.5°	623.1	611.9	623.1	632.8	639.2	647.2	663.3	692.2	703.4	705.0	639.2
65°	536.4	531.6	536.4	555.7	557.3	566.9	584.6	605.5	629.6	626.3	531.6
67.5°	457.7	457.7	457.7	470.6	480.2	485.0	507.5	517.1	547.6	550.9	443.3
70°	385.4	383.8	385.4	395.1	401.5	412.7	433.6	444.9	469.0	477.0	359.7
72.5°	316.4	314.8	316.4	324.4	330.8	340.5	358.1	371.0	391.9	401.5	279.4
75°	255.4	252.1	255.4	261.8	260.2	273.0	287.5	300.3	319.6	326.0	207.2
77.5°	195.9	195.9	195.9	202.4	202.4	215.2	221.6	237.7	248.9	258.6	152.6
80°	146.1	144.5	146.1	147.8	147.8	154.2	165.4	176.7	186.3	186.3	104.4
82.5°	102.8	99.6	102.8	102.8	102.8	106.0	112.4	115.6	122.1	126.9	65.8
85°	64.2	64.2	64.2	65.8	64.2	67.5	69.1	72.3	72.3	69.1	40.2
87.5°	41.8	40.2	41.8	40.2	40.2	38.5	38.5	38.5	36.9	35.3	22.5
90°	25.4	25.4	25.4	25.4	25.4	33.8	45.1	50.7	43.6	29.4	18.7
92.5°	101.7	81.5	101.7	121.9	127.0	180.0	250.5	285.9	251.0	181.2	129.0
95°	354.4	293.3	354.4	415.6	430.9	565.8	745.7	835.7	705.8	446.0	251.2
97.5°	849.2	732.8	849.2	965.6	994.7	1080.0	1193.7	1250.5	1033.9	600.8	275.9
100°	1223.5	1084.9	1223.5	1362.1	1396.8	1390.6	1382.3	1378.1	1137.8	657.1	296.6
102.5°	1591.7	1472.9	1591.7	1710.5	1740.2	1631.5	1486.6	1414.2	1170.4	682.9	317.3
105°	2061.1	1997.3	2061.1	2125.0	2141.0	1897.3	1572.5	1410.1	1174.1	702.1	348.0
107.5°	2368.7	2384.1	2368.7	2353.2	2349.3	2009.6	1556.5	1330.0	1121.9	705.7	393.5
110°	2485.9	2552.4	2485.9	2419.4	2402.8	2022.9	1516.5	1263.2	1075.5	700.3	418.8



TEST NUMBER: P935152

CATALOG NUMBER: SQ4-FA-100U-075D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2496.4	2598.5	2496.4	2394.3	2368.8	1980.0	1461.6	1202.4	1035.1	700.5	449.6
115°	2430.2	2571.8	2430.2	2288.6	2253.2	1878.7	1379.3	1129.6	988.7	707.0	495.7
117.5°	2289.8	2446.9	2289.8	2132.8	2093.5	1755.5	1304.8	1079.5	959.7	720.1	540.4
120°	2176.8	2329.3	2176.8	2024.1	1986.0	1677.1	1265.4	1059.5	949.9	730.8	566.4
122.5°	2066.6	2217.1	2066.6	1916.1	1878.5	1600.3	1229.5	1044.1	944.7	746.1	597.2
125°	1909.5	2048.1	1909.5	1770.9	1736.2	1499.9	1184.9	1027.4	940.6	766.9	636.6
127.5°	1768.1	1885.1	1768.1	1651.1	1621.9	1419.1	1148.6	1013.4	938.1	787.6	674.7
130°	1684.9	1792.9	1684.9	1576.8	1549.8	1369.2	1128.4	1008.0	939.6	802.7	700.1
132.5°	1609.3	1706.1	1609.3	1512.5	1488.3	1326.6	1111.1	1003.3	940.6	815.0	720.8
135°	1505.8	1589.2	1505.8	1422.4	1401.5	1266.1	1085.6	995.3	939.7	828.4	744.9
137.5°	1422.7	1491.0	1422.7	1354.4	1337.3	1222.9	1070.2	994.0	945.5	848.4	775.5
140°	1365.7	1429.5	1365.7	1301.9	1285.9	1187.1	1055.2	989.3	946.4	860.6	796.3
142.5°	1318.5	1373.5	1318.5	1263.6	1249.9	1163.0	1047.2	989.3	949.8	870.9	811.6
145°	1247.7	1289.2	1247.7	1206.1	1195.7	1124.7	1030.0	982.6	949.9	884.3	835.0
147.5°	1193.3	1227.8	1193.3	1158.9	1150.3	1094.4	1019.9	982.6	956.4	903.9	864.4
150°	1159.1	1187.1	1159.1	1131.3	1124.3	1077.1	1014.1	982.6	959.7	914.1	879.8
152.5°	1129.9	1150.9	1129.9	1108.9	1103.6	1063.3	1009.5	982.6	962.0	920.7	889.8
155°	1096.3	1110.2	1096.3	1082.3	1078.8	1046.8	1004.0	982.6	966.9	935.4	911.8
157.5°	1069.7	1079.5	1069.7	1059.9	1057.5	1032.5	999.3	982.6	971.8	950.1	933.9
160°	1053.9	1059.5	1053.9	1048.2	1046.8	1025.4	996.9	982.6	974.0	956.9	943.9
162.5°	1043.4	1048.8	1043.4	1038.1	1036.8	1018.7	994.7	982.6	976.4	963.9	954.6
165°	1028.5	1034.1	1028.5	1022.9	1021.4	1008.5	991.2	982.6	979.8	974.2	969.9
167.5°	1017.6	1020.1	1017.6	1015.2	1014.7	1006.2	994.9	989.3	986.9	982.1	978.6
170°	1014.7	1014.7	1014.7	1014.7	1014.7	1006.2	994.9	989.3	989.1	988.9	988.7
172.5°	1006.8	1004.7	1006.8	1008.9	1009.4	1002.7	993.8	989.3	989.3	989.3	989.3
175°	1002.0	1002.0	1002.0	1002.0	1002.0	997.7	992.1	989.3	990.7	993.3	995.3
177.5°	997.7	995.3	997.7	1000.1	1000.7	997.3	992.9	990.7	991.7	993.8	995.3
180°	995.3	995.3	995.3	995.3	995.3	995.3	995.3	995.3	995.3	995.3	995.3



TEST NUMBER: P935152

CATALOG NUMBER: SQ4-FA-100U-075D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5
2.5°	1721.6	1711.9	1711.9	1695.9	1689.4	1684.6	1676.6	1652.5	1646.1	1639.6	1649.3
5°	1736.0	1718.3	1705.5	1676.6	1652.5	1642.9	1612.3	1554.5	1516.0	1487.1	1471.0
7.5°	1739.2	1716.7	1692.6	1647.7	1589.9	1564.2	1471.0	1365.0	1336.1	1310.4	1294.4
10°	1736.0	1710.3	1676.6	1609.1	1472.6	1427.7	1334.5	1265.4	1247.8	1243.0	1247.8
12.5°	1724.8	1700.7	1654.1	1541.7	1350.6	1320.1	1265.4	1225.3	1222.1	1230.1	1273.5
15°	1705.5	1683.0	1628.4	1451.7	1283.1	1260.6	1222.1	1207.6	1225.3	1281.5	1411.6
17.5°	1686.2	1660.5	1593.1	1363.4	1231.7	1215.7	1188.4	1217.3	1316.8	1392.3	1435.7
20°	1660.5	1630.0	1552.9	1299.2	1194.8	1180.3	1167.5	1297.6	1373.0	1400.4	1424.4
22.5°	1630.0	1597.9	1498.3	1254.2	1156.2	1145.0	1153.0	1342.5	1373.0	1392.3	1413.2
25°	1589.9	1562.6	1434.1	1218.9	1125.7	1112.9	1143.4	1337.7	1355.4	1360.2	1402.0
27.5°	1552.9	1517.6	1366.6	1186.8	1088.8	1084.0	1151.4	1316.8	1329.7	1334.5	1379.5
30°	1508.0	1455.0	1291.1	1153.0	1050.2	1048.6	1153.0	1291.1	1287.9	1300.8	1345.7
32.5°	1461.4	1361.8	1206.0	1111.3	1013.3	1011.7	1141.8	1252.6	1249.4	1267.1	1300.8
35°	1418.0	1289.5	1090.4	1063.1	966.7	968.3	1114.5	1207.6	1209.2	1225.3	1246.2
37.5°	1373.0	1226.9	963.5	1010.1	921.8	921.8	1077.5	1165.9	1162.7	1167.5	1196.4
40°	1320.1	1128.9	851.2	941.1	880.1	875.3	1032.6	1120.9	1109.7	1108.1	1148.2
42.5°	1263.8	1021.3	767.7	849.6	831.9	825.5	978.0	1066.3	1045.4	1050.2	1101.6
45°	1202.8	992.4	703.4	717.9	782.1	777.3	918.6	1003.7	989.2	1002.1	1055.1
47.5°	1141.8	934.7	682.6	595.8	729.1	727.5	852.8	942.7	934.7	947.5	1003.7
50°	1058.3	870.5	680.9	510.7	669.7	676.1	774.1	883.3	883.3	894.5	954.0
52.5°	950.8	791.8	618.3	462.5	600.6	619.9	705.0	831.9	835.1	846.4	899.4
55°	852.8	709.9	573.3	425.6	518.7	560.5	637.6	778.9	785.3	796.6	844.8
57.5°	762.8	591.0	563.7	382.2	443.3	483.4	578.2	727.5	730.7	740.4	786.9
60°	666.5	427.2	517.1	335.7	377.4	407.9	523.6	666.5	677.7	684.2	724.3
62.5°	557.3	310.0	469.0	303.5	345.3	351.7	478.6	608.7	623.1	627.9	652.0
65°	396.7	260.2	398.3	276.2	311.6	313.2	430.4	549.3	562.1	570.1	587.8
67.5°	268.2	212.0	303.5	250.5	285.9	287.5	383.8	480.2	497.9	504.3	515.5
70°	186.3	141.3	224.8	223.2	257.0	260.2	334.0	417.6	433.6	438.4	444.9
72.5°	136.5	114.0	186.3	200.8	226.4	229.7	282.7	346.9	363.0	367.8	371.0
75°	104.4	120.4	151.0	175.1	192.7	194.3	231.3	282.7	293.9	297.1	298.7
77.5°	83.5	112.4	110.8	141.3	157.4	154.2	181.5	218.4	228.1	228.1	228.1
80°	62.6	88.3	83.5	101.2	115.6	112.4	130.1	155.8	159.0	162.2	160.6
82.5°	46.6	56.2	56.2	64.2	77.1	73.9	86.7	101.2	101.2	101.2	104.4
85°	28.9	32.1	25.7	33.7	43.4	41.8	48.2	54.6	56.2	56.2	53.0
87.5°	17.7	14.5	8.0	12.8	19.3	19.3	22.5	24.1	22.5	22.5	22.5
90°	17.3	12.0	6.7	12.0	17.3	18.7	29.4	43.6	50.7	45.1	33.8
92.5°	117.6	72.2	26.7	72.2	117.6	129.0	181.2	251.0	285.9	250.5	180.0
95°	230.4	147.3	64.2	147.3	230.4	251.2	446.0	705.8	835.7	745.7	565.8
97.5°	257.6	184.2	110.9	184.2	257.6	275.9	600.8	1033.9	1250.5	1193.7	1080.0
100°	280.0	213.4	146.9	213.4	280.0	296.6	657.1	1137.8	1378.1	1382.3	1390.6
102.5°	301.8	239.7	177.7	239.7	301.8	317.3	682.9	1170.4	1414.2	1486.6	1631.5
105°	334.9	282.3	229.8	282.3	334.9	348.0	702.1	1174.1	1410.1	1572.5	1897.3
107.5°	381.2	332.2	283.2	332.2	381.2	393.5	705.7	1121.9	1330.0	1556.5	2009.6
110°	407.8	363.5	319.3	363.5	407.8	418.8	700.3	1075.5	1263.2	1516.5	2022.9



TEST NUMBER: P935152

CATALOG NUMBER: SQ4-FA-100U-075D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	439.1	396.8	354.7	396.8	439.1	449.6	700.5	1035.1	1202.4	1461.6	1980.0
115°	486.0	447.0	408.2	447.0	486.0	495.7	707.0	988.7	1129.6	1379.3	1878.7
117.5°	531.6	496.3	460.9	496.3	531.6	540.4	720.1	959.7	1079.5	1304.8	1755.5
120°	558.2	524.9	491.7	524.9	558.2	566.4	730.8	949.9	1059.5	1265.4	1677.1
122.5°	588.8	555.3	521.7	555.3	588.8	597.2	746.1	944.7	1044.1	1229.5	1600.3
125°	629.0	598.4	567.8	598.4	629.0	636.6	766.9	940.6	1027.4	1184.9	1499.9
127.5°	667.0	636.1	605.2	636.1	667.0	674.7	787.6	938.1	1013.4	1148.6	1419.1
130°	691.7	658.5	625.2	658.5	691.7	700.1	802.7	939.6	1008.0	1128.4	1369.2
132.5°	712.4	679.2	645.9	679.2	712.4	720.8	815.0	940.6	1003.3	1111.1	1326.6
135°	737.3	707.0	676.7	707.0	737.3	744.9	828.4	939.7	995.3	1085.6	1266.1
137.5°	768.1	738.0	708.1	738.0	768.1	775.5	848.4	945.5	994.0	1070.2	1222.9
140°	789.3	761.7	734.1	761.7	789.3	796.3	860.6	946.4	989.3	1055.2	1187.1
142.5°	805.2	779.7	754.2	779.7	805.2	811.6	870.9	949.8	989.3	1047.2	1163.0
145°	829.5	807.2	784.9	807.2	829.5	835.0	884.3	949.9	982.6	1030.0	1124.7
147.5°	859.0	837.3	815.6	837.3	859.0	864.4	903.9	956.4	982.6	1019.9	1094.4
150°	874.9	855.3	835.7	855.3	874.9	879.8	914.1	959.7	982.6	1014.1	1077.1
152.5°	886.1	871.3	856.4	871.3	886.1	889.8	920.7	962.0	982.6	1009.5	1063.3
155°	909.1	898.1	887.1	898.1	909.1	911.8	935.4	966.9	982.6	1004.0	1046.8
157.5°	931.2	920.5	909.8	920.5	931.2	933.9	950.1	971.8	982.6	999.3	1032.5
160°	941.8	933.6	925.2	933.6	941.8	943.9	956.9	974.0	982.6	996.9	1025.4
162.5°	953.1	946.8	940.6	946.8	953.1	954.6	963.9	976.4	982.6	994.7	1018.7
165°	968.5	962.9	957.3	962.9	968.5	969.9	974.2	979.8	982.6	991.2	1008.5
167.5°	978.0	975.2	972.6	975.2	978.0	978.6	982.1	986.9	989.3	994.9	1006.2
170°	988.0	985.3	982.6	985.3	988.0	988.7	988.9	989.1	989.3	994.9	1006.2
172.5°	989.1	988.6	988.0	988.6	989.1	989.3	989.3	989.3	989.3	993.8	1002.7
175°	995.3	995.3	995.3	995.3	995.3	995.3	993.3	990.7	989.3	992.1	997.7
177.5°	995.3	995.3	995.3	995.3	995.3	995.3	993.8	991.7	990.7	992.9	997.3
180°	995.3	995.3	995.3	995.3	995.3	995.3	995.3	995.3	995.3	995.3	995.3



TEST NUMBER: P935152
 CATALOG NUMBER: SQ4-FA-100U-075D-930-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5	1697.5
2.5°	1638.0	1633.2	1639.6	1622.0	1639.6	1633.2	1638.0	1649.3	1639.6	1646.1	1652.5
5°	1437.3	1429.3	1403.6	1382.7	1403.6	1429.3	1437.3	1471.0	1487.1	1516.0	1554.5
7.5°	1284.7	1278.3	1271.9	1259.0	1271.9	1278.3	1284.7	1294.4	1310.4	1336.1	1365.0
10°	1251.0	1252.6	1262.2	1260.6	1262.2	1252.6	1251.0	1247.8	1243.0	1247.8	1265.4
12.5°	1337.7	1352.2	1405.2	1402.0	1405.2	1352.2	1337.7	1273.5	1230.1	1222.1	1225.3
15°	1437.3	1442.1	1453.3	1455.0	1453.3	1442.1	1437.3	1411.6	1281.5	1225.3	1207.6
17.5°	1446.9	1448.5	1456.6	1456.6	1456.6	1448.5	1446.9	1435.7	1392.3	1316.8	1217.3
20°	1438.9	1442.1	1458.2	1461.4	1458.2	1442.1	1438.9	1424.4	1400.4	1373.0	1297.6
22.5°	1435.7	1442.1	1455.0	1453.3	1455.0	1442.1	1435.7	1413.2	1392.3	1373.0	1342.5
25°	1419.6	1419.6	1421.2	1422.8	1421.2	1419.6	1419.6	1402.0	1360.2	1355.4	1337.7
27.5°	1385.9	1389.1	1398.7	1397.1	1398.7	1389.1	1385.9	1379.5	1334.5	1329.7	1316.8
30°	1355.4	1352.2	1344.1	1337.7	1344.1	1352.2	1355.4	1345.7	1300.8	1287.9	1291.1
32.5°	1304.0	1296.0	1287.9	1283.1	1287.9	1296.0	1304.0	1300.8	1267.1	1249.4	1252.6
35°	1243.0	1244.6	1243.0	1238.1	1243.0	1244.6	1243.0	1246.2	1225.3	1209.2	1207.6
37.5°	1199.6	1202.8	1201.2	1194.8	1201.2	1202.8	1199.6	1196.4	1167.5	1162.7	1165.9
40°	1154.6	1156.2	1154.6	1149.8	1154.6	1156.2	1154.6	1148.2	1108.1	1109.7	1120.9
42.5°	1111.3	1109.7	1104.8	1101.6	1104.8	1109.7	1111.3	1101.6	1050.2	1045.4	1066.3
45°	1061.5	1063.1	1053.5	1048.6	1053.5	1063.1	1061.5	1055.1	1002.1	989.2	1003.7
47.5°	1011.7	1011.7	1003.7	998.9	1003.7	1011.7	1011.7	1003.7	947.5	934.7	942.7
50°	958.7	957.2	945.9	944.3	945.9	957.2	958.7	954.0	894.5	883.3	883.3
52.5°	897.8	897.8	899.4	902.6	899.4	897.8	897.8	899.4	846.4	835.1	831.9
55°	844.8	846.4	857.6	860.8	857.6	846.4	844.8	844.8	796.6	785.3	778.9
57.5°	790.2	790.2	798.2	798.2	798.2	790.2	790.2	786.9	740.4	730.7	727.5
60°	727.5	730.7	737.2	735.5	737.2	730.7	727.5	724.3	684.2	677.7	666.5
62.5°	661.7	664.9	666.5	663.3	666.5	664.9	661.7	652.0	627.9	623.1	608.7
65°	592.6	595.8	597.4	594.2	597.4	595.8	592.6	587.8	570.1	562.1	549.3
67.5°	522.0	520.3	518.7	525.2	518.7	520.3	522.0	515.5	504.3	497.9	480.2
70°	449.7	449.7	448.1	451.3	448.1	449.7	449.7	444.9	438.4	433.6	417.6
72.5°	372.6	371.0	377.4	372.6	377.4	371.0	372.6	371.0	367.8	363.0	346.9
75°	297.1	300.3	297.1	301.9	297.1	300.3	297.1	298.7	297.1	293.9	282.7
77.5°	226.4	229.7	226.4	226.4	226.4	229.7	226.4	228.1	228.1	228.1	218.4
80°	160.6	159.0	159.0	157.4	159.0	159.0	160.6	160.6	162.2	159.0	155.8
82.5°	102.8	101.2	101.2	104.4	101.2	101.2	102.8	104.4	101.2	101.2	101.2
85°	56.2	57.8	54.6	54.6	54.6	57.8	56.2	53.0	56.2	56.2	54.6
87.5°	20.9	19.3	19.3	19.3	19.3	19.3	20.9	22.5	22.5	22.5	24.1
90°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	33.8	45.1	50.7	43.6
92.5°	127.0	121.9	101.7	81.5	101.7	121.9	127.0	180.0	250.5	285.9	251.0
95°	430.9	415.6	354.4	293.3	354.4	415.6	430.9	565.8	745.7	835.7	705.8
97.5°	994.7	965.6	849.2	732.8	849.2	965.6	994.7	1080.0	1193.7	1250.5	1033.9
100°	1396.8	1362.1	1223.5	1084.9	1223.5	1362.1	1396.8	1390.6	1382.3	1378.1	1137.8
102.5°	1740.2	1710.5	1591.7	1472.9	1591.7	1710.5	1740.2	1631.5	1486.6	1414.2	1170.4
105°	2141.0	2125.0	2061.1	1997.3	2061.1	2125.0	2141.0	1897.3	1572.5	1410.1	1174.1
107.5°	2349.3	2353.2	2368.7	2384.1	2368.7	2353.2	2349.3	2009.6	1556.5	1330.0	1121.9
110°	2402.8	2419.4	2485.9	2552.4	2485.9	2419.4	2402.8	2022.9	1516.5	1263.2	1075.5



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2368.8	2394.3	2496.4	2598.5	2496.4	2394.3	2368.8	1980.0	1461.6	1202.4	1035.1
115°	2253.2	2288.6	2430.2	2571.8	2430.2	2288.6	2253.2	1878.7	1379.3	1129.6	988.7
117.5°	2093.5	2132.8	2289.8	2446.9	2289.8	2132.8	2093.5	1755.5	1304.8	1079.5	959.7
120°	1986.0	2024.1	2176.8	2329.3	2176.8	2024.1	1986.0	1677.1	1265.4	1059.5	949.9
122.5°	1878.5	1916.1	2066.6	2217.1	2066.6	1916.1	1878.5	1600.3	1229.5	1044.1	944.7
125°	1736.2	1770.9	1909.5	2048.1	1909.5	1770.9	1736.2	1499.9	1184.9	1027.4	940.6
127.5°	1621.9	1651.1	1768.1	1885.1	1768.1	1651.1	1621.9	1419.1	1148.6	1013.4	938.1
130°	1549.8	1576.8	1684.9	1792.9	1684.9	1576.8	1549.8	1369.2	1128.4	1008.0	939.6
132.5°	1488.3	1512.5	1609.3	1706.1	1609.3	1512.5	1488.3	1326.6	1111.1	1003.3	940.6
135°	1401.5	1422.4	1505.8	1589.2	1505.8	1422.4	1401.5	1266.1	1085.6	995.3	939.7
137.5°	1337.3	1354.4	1422.7	1491.0	1422.7	1354.4	1337.3	1222.9	1070.2	994.0	945.5
140°	1285.9	1301.9	1365.7	1429.5	1365.7	1301.9	1285.9	1187.1	1055.2	989.3	946.4
142.5°	1249.9	1263.6	1318.5	1373.5	1318.5	1263.6	1249.9	1163.0	1047.2	989.3	949.8
145°	1195.7	1206.1	1247.7	1289.2	1247.7	1206.1	1195.7	1124.7	1030.0	982.6	949.9
147.5°	1150.3	1158.9	1193.3	1227.8	1193.3	1158.9	1150.3	1094.4	1019.9	982.6	956.4
150°	1124.3	1131.3	1159.1	1187.1	1159.1	1131.3	1124.3	1077.1	1014.1	982.6	959.7
152.5°	1103.6	1108.9	1129.9	1150.9	1129.9	1108.9	1103.6	1063.3	1009.5	982.6	962.0
155°	1078.8	1082.3	1096.3	1110.2	1096.3	1082.3	1078.8	1046.8	1004.0	982.6	966.9
157.5°	1057.5	1059.9	1069.7	1079.5	1069.7	1059.9	1057.5	1032.5	999.3	982.6	971.8
160°	1046.8	1048.2	1053.9	1059.5	1053.9	1048.2	1046.8	1025.4	996.9	982.6	974.0
162.5°	1036.8	1038.1	1043.4	1048.8	1043.4	1038.1	1036.8	1018.7	994.7	982.6	976.4
165°	1021.4	1022.9	1028.5	1034.1	1028.5	1022.9	1021.4	1008.5	991.2	982.6	979.8
167.5°	1014.7	1015.2	1017.6	1020.1	1017.6	1015.2	1014.7	1006.2	994.9	989.3	986.9
170°	1014.7	1014.7	1014.7	1014.7	1014.7	1014.7	1014.7	1006.2	994.9	989.3	989.1
172.5°	1009.4	1008.9	1006.8	1004.7	1006.8	1008.9	1009.4	1002.7	993.8	989.3	989.3
175°	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	1002.0	997.7	992.1	989.3	990.7
177.5°	1000.7	1000.1	997.7	995.3	997.7	1000.1	1000.7	997.3	992.9	990.7	991.7
180°	995.3	995.3	995.3	995.3	995.3	995.3	995.3	995.3	995.3	995.3	995.3



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1697.5	1697.5	1697.5	1697.5	1697.5
2.5°	1676.6	1684.6	1689.4	1695.9	1711.9
5°	1612.3	1642.9	1652.5	1676.6	1705.5
7.5°	1471.0	1564.2	1589.9	1647.7	1692.6
10°	1334.5	1427.7	1472.6	1609.1	1676.6
12.5°	1265.4	1320.1	1350.6	1541.7	1654.1
15°	1222.1	1260.6	1283.1	1451.7	1628.4
17.5°	1188.4	1215.7	1231.7	1363.4	1593.1
20°	1167.5	1180.3	1194.8	1299.2	1552.9
22.5°	1153.0	1145.0	1156.2	1254.2	1498.3
25°	1143.4	1112.9	1125.7	1218.9	1434.1
27.5°	1151.4	1084.0	1088.8	1186.8	1366.6
30°	1153.0	1048.6	1050.2	1153.0	1291.1
32.5°	1141.8	1011.7	1013.3	1111.3	1206.0
35°	1114.5	968.3	966.7	1063.1	1090.4
37.5°	1077.5	921.8	921.8	1010.1	963.5
40°	1032.6	875.3	880.1	941.1	851.2
42.5°	978.0	825.5	831.9	849.6	767.7
45°	918.6	777.3	782.1	717.9	703.4
47.5°	852.8	727.5	729.1	595.8	682.6
50°	774.1	676.1	669.7	510.7	680.9
52.5°	705.0	619.9	600.6	462.5	618.3
55°	637.6	560.5	518.7	425.6	573.3
57.5°	578.2	483.4	443.3	382.2	563.7
60°	523.6	407.9	377.4	335.7	517.1
62.5°	478.6	351.7	345.3	303.5	469.0
65°	430.4	313.2	311.6	276.2	398.3
67.5°	383.8	287.5	285.9	250.5	303.5
70°	334.0	260.2	257.0	223.2	224.8
72.5°	282.7	229.7	226.4	200.8	186.3
75°	231.3	194.3	192.7	175.1	151.0
77.5°	181.5	154.2	157.4	141.3	110.8
80°	130.1	112.4	115.6	101.2	83.5
82.5°	86.7	73.9	77.1	64.2	56.2
85°	48.2	41.8	43.4	33.7	25.7
87.5°	22.5	19.3	19.3	12.8	8.0
90°	29.4	18.7	17.3	12.0	6.7
92.5°	181.2	129.0	117.6	72.2	26.7
95°	446.0	251.2	230.4	147.3	64.2
97.5°	600.8	275.9	257.6	184.2	110.9
100°	657.1	296.6	280.0	213.4	146.9
102.5°	682.9	317.3	301.8	239.7	177.7
105°	702.1	348.0	334.9	282.3	229.8
107.5°	705.7	393.5	381.2	332.2	283.2
110°	700.3	418.8	407.8	363.5	319.3



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	700.5	449.6	439.1	396.8	354.7
115°	707.0	495.7	486.0	447.0	408.2
117.5°	720.1	540.4	531.6	496.3	460.9
120°	730.8	566.4	558.2	524.9	491.7
122.5°	746.1	597.2	588.8	555.3	521.7
125°	766.9	636.6	629.0	598.4	567.8
127.5°	787.6	674.7	667.0	636.1	605.2
130°	802.7	700.1	691.7	658.5	625.2
132.5°	815.0	720.8	712.4	679.2	645.9
135°	828.4	744.9	737.3	707.0	676.7
137.5°	848.4	775.5	768.1	738.0	708.1
140°	860.6	796.3	789.3	761.7	734.1
142.5°	870.9	811.6	805.2	779.7	754.2
145°	884.3	835.0	829.5	807.2	784.9
147.5°	903.9	864.4	859.0	837.3	815.6
150°	914.1	879.8	874.9	855.3	835.7
152.5°	920.7	889.8	886.1	871.3	856.4
155°	935.4	911.8	909.1	898.1	887.1
157.5°	950.1	933.9	931.2	920.5	909.8
160°	956.9	943.9	941.8	933.6	925.2
162.5°	963.9	954.6	953.1	946.8	940.6
165°	974.2	969.9	968.5	962.9	957.3
167.5°	982.1	978.6	978.0	975.2	972.6
170°	988.9	988.7	988.0	985.3	982.6
172.5°	989.3	989.3	989.1	988.6	988.0
175°	993.3	995.3	995.3	995.3	995.3
177.5°	993.8	995.3	995.3	995.3	995.3
180°	995.3	995.3	995.3	995.3	995.3



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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	11.04	11.82	12.07	12.86	14.26	13.88	14.66	14.91	15.70	17.10
	3H	11.51	12.21	12.55	13.26	14.68	15.22	15.92	16.26	16.97	18.39
	4H	11.70	12.36	12.75	13.41	14.84	15.66	16.32	16.72	17.38	18.80
	6H	11.81	12.42	12.88	13.48	14.92	15.94	16.55	17.01	17.61	19.05
	8H	11.81	12.39	12.88	13.46	14.90	16.02	16.60	17.09	17.67	19.10
	12H	11.78	12.33	12.85	13.40	14.85	16.05	16.61	17.13	17.67	19.13
4H	2H	12.06	12.73	13.13	13.78	15.21	14.28	14.94	15.34	15.99	17.42
	3H	13.08	13.64	14.15	14.72	16.16	15.78	16.33	16.85	17.41	18.85
	4H	13.36	13.86	14.43	14.93	16.39	16.30	16.81	17.38	17.88	19.34
	6H	13.48	13.91	14.56	15.01	16.46	16.67	17.10	17.75	18.19	19.65
	8H	13.48	13.89	14.57	14.97	16.44	16.77	17.18	17.86	18.26	19.73
	12H	13.44	13.81	14.55	14.91	16.39	16.83	17.19	17.93	18.29	19.77
8H	4H	13.80	14.21	14.89	15.30	16.77	16.42	16.83	17.51	17.91	19.38
	6H	14.06	14.40	15.17	15.53	16.99	16.86	17.19	17.96	18.32	19.79
	8H	14.10	14.40	15.22	15.51	17.00	17.01	17.30	18.12	18.41	19.90
	12H	14.08	14.34	15.20	15.45	16.97	17.10	17.36	18.22	18.47	19.99
12H	4H	13.81	14.17	14.91	15.27	16.75	16.38	16.75	17.48	17.85	19.32
	6H	14.12	14.42	15.24	15.53	17.01	16.85	17.15	17.97	18.26	19.74
	8H	14.19	14.44	15.30	15.55	17.08	17.01	17.27	18.13	18.38	19.90