

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: P935915

Luminaire Tested: SQ4-FA-150U-075D-835-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935915
REPORT IS A COMBINATION OF REPORTS P933775 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-075D-835-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

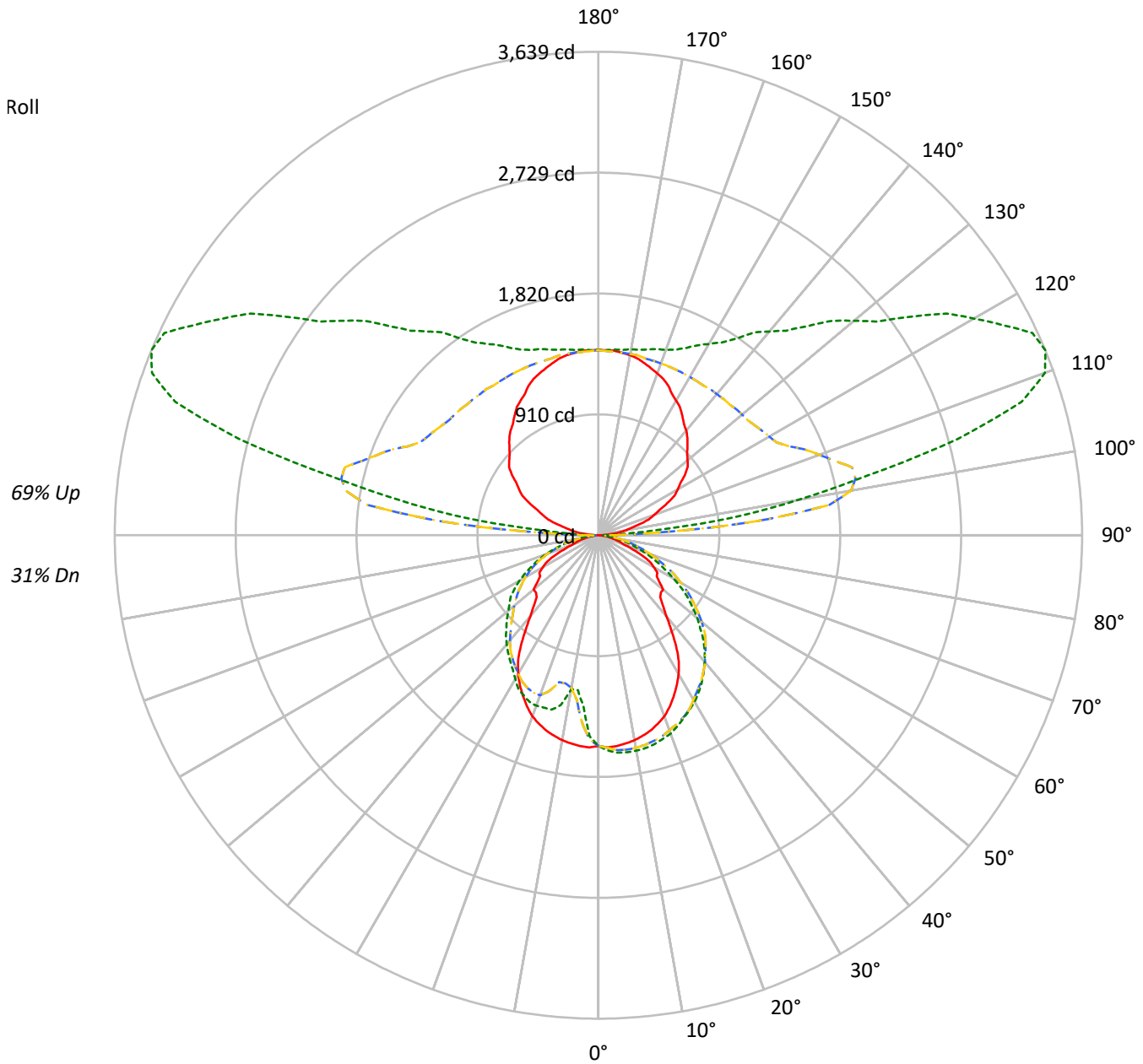
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13152.9 lumens
Efficiency: N/A
Efficacy: 137.9 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 95.4
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				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	103	103	103	103	92	92	92	92	73	73	73	55	55	55	39	39	39	39	39	39	31
1	94	89	86	82	84	81	77	75	64	62	60	49	47	46	34	34	33	34	34	33	26
2	85	78	72	67	76	70	65	61	56	52	49	43	40	38	30	29	28	30	29	28	22
3	78	69	61	56	70	62	56	51	49	45	42	38	35	32	27	25	24	27	25	24	19
4	71	61	53	47	64	55	48	43	44	39	35	33	30	28	24	22	20	24	22	20	16
5	65	54	46	40	58	49	42	37	39	34	30	30	27	24	22	19	18	22	19	18	14
6	60	48	40	35	54	44	37	32	35	30	26	27	23	21	19	17	15	19	17	15	12
7	55	43	36	30	49	39	33	28	32	27	23	24	21	18	18	15	14	18	15	14	11
8	51	39	32	27	46	36	29	24	29	24	20	22	19	16	16	14	12	16	14	12	10
9	47	36	28	23	43	32	26	22	26	21	18	20	17	14	15	13	11	15	13	11	9
10	44	33	26	21	40	30	23	19	24	19	16	19	15	13	14	12	10	14	12	10	8

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9808	9808	9808	9808
5°	9878	9901	9878	7785
10°	9808	9753	9808	6973
15°	9698	9542	9698	7967
20°	9491	9291	9491	7984
25°	9072	8926	9072	7815
30°	8533	8623	8533	7443
35°	7603	8240	7603	7035
40°	6331	7788	6331	6727
45°	5654	7260	5654	6372
50°	6002	6630	6002	6016
55°	5641	5951	5641	5810
60°	5808	5054	5808	5321
65°	5257	4178	5257	4670
70°	3632	3330	3632	3915
75°	3173	2461	3173	2947
80°	2539	1627	2539	1772
85°	1431	862	1431	733

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8671 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.1	1.1
10°-20°	406.4	3.1
20°-30°	628.2	4.8
30°-40°	749.9	5.7
40°-50°	754.3	5.7
50°-60°	656.3	5.0
60°-70°	465.3	3.5
70°-80°	246.2	1.9
80°-90°	66.6	0.5
90°-100°	679.5	5.2
100°-110°	1786.4	13.6
110°-120°	1852.3	14.1
120°-130°	1485.8	11.3
130°-140°	1165.8	8.9
140°-150°	894.8	6.8
150°-160°	644.4	4.9
160°-170°	394.3	3.0
170°-180°	133.2	1.0
0°-30°	1177.6	9.0
0°-40°	1927.5	14.7
0°-60°	3338.1	25.4
0°-90°	4116.2	31.3
90°-120°	4318.3	32.8
90°-150°	7864.8	59.8
90°-180°	9037.0	68.7
0°-180°	13152.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1586	1586	1586	1586	1586	
5°	1593	1642	1593	1292	1593	151
15°	1521	1628	1521	1359	1521	428
25°	1340	1518	1340	1329	1340	615
35°	1018	1354	1018	1156	1018	630
45°	657	1116	657	980	657	526
55°	536	824	536	804	536	492
65°	372	496	372	555	372	356
75°	141	236	141	282	141	148
85°	24	60	24	51	24	32
90°	9	36	9	36	9	9
95°	90	411	90	411	90	100
105°	322	2797	322	2797	322	341
115°	572	3602	572	3602	572	565
125°	795	2868	795	2868	795	706
135°	948	2226	948	2226	948	733
145°	1099	1806	1099	1806	1099	689
155°	1242	1555	1242	1555	1242	571
165°	1341	1448	1341	1448	1341	378
175°	1394	1403	1394	1403	1394	132
180°	1394	1394	1394	1394	1394	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5
2.5°	1599.0	1599.0	1608.0	1611.0	1611.0	1606.5	1602.0	1606.5	1620.0	1624.5	1623.0
5°	1593.0	1605.0	1621.5	1624.5	1627.5	1626.0	1623.0	1626.0	1641.0	1644.0	1645.5
7.5°	1581.0	1603.5	1624.5	1629.0	1633.5	1629.0	1627.5	1630.5	1645.5	1648.5	1648.5
10°	1566.0	1597.5	1621.5	1624.5	1629.0	1624.5	1624.5	1630.5	1645.5	1648.5	1650.0
12.5°	1545.0	1588.5	1611.0	1614.0	1620.0	1618.5	1617.0	1623.0	1638.0	1641.0	1641.0
15°	1521.0	1572.0	1593.0	1596.0	1606.5	1603.5	1603.5	1609.5	1626.0	1630.5	1629.0
17.5°	1488.0	1551.0	1575.0	1579.5	1587.0	1585.5	1587.0	1593.0	1608.0	1611.0	1612.5
20°	1450.5	1522.5	1551.0	1555.5	1563.0	1563.0	1563.0	1570.5	1585.5	1591.5	1591.5
22.5°	1399.5	1492.5	1522.5	1525.5	1534.5	1534.5	1537.5	1548.0	1561.5	1563.0	1563.0
25°	1339.5	1459.5	1485.0	1494.0	1503.0	1507.5	1512.0	1518.0	1522.5	1521.0	1522.5
27.5°	1276.5	1417.5	1450.5	1456.5	1468.5	1473.0	1479.0	1480.5	1482.0	1486.5	1483.5
30°	1206.0	1359.0	1408.5	1414.5	1434.0	1437.0	1431.0	1434.0	1441.5	1444.5	1447.5
32.5°	1126.5	1272.0	1365.0	1378.5	1396.5	1387.5	1386.0	1390.5	1402.5	1402.5	1405.5
35°	1018.5	1204.5	1324.5	1336.5	1350.0	1339.5	1345.5	1347.0	1354.5	1359.0	1357.5
37.5°	900.0	1146.0	1282.5	1291.5	1302.0	1288.5	1297.5	1302.0	1308.0	1305.0	1305.0
40°	795.0	1054.5	1233.0	1239.0	1248.0	1237.5	1246.5	1249.5	1252.5	1249.5	1248.0
42.5°	717.0	954.0	1180.5	1188.0	1182.0	1189.5	1192.5	1198.5	1194.0	1188.0	1188.0
45°	657.0	927.0	1123.5	1132.5	1123.5	1135.5	1140.0	1140.0	1126.5	1123.5	1122.0
47.5°	637.5	873.0	1066.5	1066.5	1062.0	1077.0	1084.5	1074.0	1060.5	1056.0	1056.0
50°	636.0	813.0	988.5	982.5	1003.5	1021.5	1014.0	1003.5	993.0	976.5	976.5
52.5°	577.5	739.5	888.0	910.5	943.5	954.0	942.0	931.5	913.5	906.0	900.0
55°	535.5	663.0	796.5	841.5	876.0	889.5	867.0	856.5	829.5	825.0	822.0
57.5°	526.5	552.0	712.5	769.5	811.5	810.0	796.5	777.0	754.5	750.0	748.5
60°	483.0	399.0	622.5	690.0	733.5	729.0	717.0	699.0	678.0	675.0	672.0
62.5°	438.0	289.5	520.5	597.0	658.5	657.0	646.5	619.5	604.5	597.0	591.0
65°	372.0	243.0	370.5	496.5	585.0	588.0	565.5	546.0	529.5	520.5	519.0
67.5°	283.5	198.0	250.5	414.0	514.5	511.5	483.0	474.0	453.0	448.5	439.5
70°	210.0	132.0	174.0	336.0	445.5	438.0	415.5	405.0	385.5	375.0	369.0
72.5°	174.0	106.5	127.5	261.0	375.0	366.0	346.5	334.5	318.0	309.0	303.0
75°	141.0	112.5	97.5	193.5	304.5	298.5	280.5	268.5	255.0	243.0	244.5
77.5°	103.5	105.0	78.0	142.5	241.5	232.5	222.0	207.0	201.0	189.0	189.0
80°	78.0	82.5	58.5	97.5	174.0	174.0	165.0	154.5	144.0	138.0	138.0
82.5°	52.5	52.5	43.5	61.5	118.5	114.0	108.0	105.0	99.0	96.0	96.0
85°	24.0	30.0	27.0	37.5	64.5	67.5	67.5	64.5	63.0	60.0	61.5
87.5°	7.5	13.5	16.5	21.0	33.0	34.5	36.0	36.0	36.0	37.5	37.5
90°	9.4	16.9	24.3	26.2	41.2	61.1	71.1	63.2	47.4	35.6	35.6
92.5°	37.4	101.0	164.7	180.6	253.9	351.6	400.4	350.9	252.0	177.8	170.7
95°	89.8	206.2	322.7	351.8	624.7	988.5	1170.4	1044.4	792.4	603.4	582.0
97.5°	155.3	258.0	360.7	386.4	841.4	1448.1	1751.4	1671.8	1512.5	1393.1	1352.3
100°	205.8	299.0	392.1	415.4	920.3	1593.5	1930.1	1935.9	1947.6	1956.3	1907.8
102.5°	248.9	335.8	422.7	444.4	956.5	1639.2	1980.6	2082.0	2284.9	2437.1	2395.5
105°	321.8	395.4	469.0	487.4	983.3	1644.4	1975.0	2202.4	2657.3	2998.5	2976.1
107.5°	396.7	465.3	533.9	551.0	988.2	1571.2	1862.7	2180.0	2814.5	3290.4	3295.8
110°	447.2	509.2	571.1	586.6	980.8	1506.3	1769.1	2123.8	2833.2	3365.2	3388.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	496.8	555.8	614.8	629.6	981.1	1449.7	1684.0	2047.0	2773.0	3317.5	3353.3
115°	571.6	626.1	680.6	694.2	990.1	1384.7	1582.0	1931.7	2631.1	3155.6	3205.2
117.5°	645.5	695.0	744.5	756.9	1008.6	1344.1	1511.9	1827.5	2458.6	2932.0	2987.0
120°	688.6	735.2	781.8	793.4	1023.5	1330.4	1483.8	1772.2	2348.9	2781.4	2834.8
122.5°	730.7	777.7	824.7	836.4	1045.0	1323.2	1462.3	1722.0	2241.3	2630.8	2683.5
125°	795.2	838.0	880.9	891.6	1074.0	1317.3	1438.9	1659.5	2100.6	2431.5	2480.0
127.5°	847.6	890.8	934.1	944.9	1103.0	1313.8	1419.2	1608.6	1987.4	2271.5	2312.5
130°	875.7	922.3	968.9	980.5	1124.3	1316.0	1411.8	1580.4	1917.6	2170.5	2208.3
132.5°	904.7	951.3	997.9	1009.5	1141.4	1317.3	1405.2	1556.1	1858.0	2084.4	2118.3
135°	947.7	990.1	1032.6	1043.2	1160.1	1316.0	1394.0	1520.4	1773.2	1962.8	1992.0
137.5°	991.7	1033.7	1075.7	1086.2	1188.2	1324.1	1392.1	1499.0	1712.7	1873.0	1896.9
140°	1028.2	1066.9	1105.5	1115.2	1205.3	1325.5	1385.6	1477.9	1662.5	1801.0	1823.3
142.5°	1056.2	1092.0	1127.8	1136.7	1219.7	1330.3	1385.6	1466.7	1628.8	1750.4	1769.6
145°	1099.3	1130.5	1161.7	1169.5	1238.4	1330.3	1376.2	1442.5	1575.2	1674.7	1689.2
147.5°	1142.3	1172.7	1203.0	1210.6	1265.8	1339.4	1376.2	1428.4	1532.7	1611.0	1623.1
150°	1170.4	1197.8	1225.2	1232.1	1280.1	1344.2	1376.2	1420.3	1508.4	1574.5	1584.3
152.5°	1199.4	1220.2	1241.0	1246.2	1289.5	1347.3	1376.2	1413.8	1489.1	1545.5	1552.9
155°	1242.4	1257.8	1273.2	1277.0	1310.1	1354.2	1376.2	1406.1	1466.0	1510.9	1515.8
157.5°	1274.2	1289.2	1304.2	1307.9	1330.7	1361.0	1376.2	1399.5	1446.1	1481.0	1484.4
160°	1295.8	1307.4	1319.0	1321.9	1340.0	1364.1	1376.2	1396.2	1436.1	1466.0	1468.0
162.5°	1317.3	1326.0	1334.7	1336.9	1350.0	1367.5	1376.2	1393.0	1426.7	1452.0	1453.9
165°	1340.7	1348.6	1356.4	1358.4	1364.3	1372.2	1376.2	1388.3	1412.4	1430.5	1432.5
167.5°	1362.2	1365.9	1369.7	1370.6	1375.6	1382.3	1385.6	1393.5	1409.3	1421.1	1421.9
170°	1376.2	1379.9	1383.7	1384.6	1384.9	1385.4	1385.6	1393.5	1409.3	1421.1	1421.1
172.5°	1383.7	1384.5	1385.4	1385.6	1385.6	1385.6	1385.6	1391.8	1404.3	1413.6	1412.9
175°	1394.0	1394.0	1394.0	1394.0	1391.2	1387.5	1385.6	1389.5	1397.4	1403.3	1403.3
177.5°	1394.0	1394.0	1394.0	1394.0	1391.8	1388.9	1387.4	1390.5	1396.8	1401.5	1400.7
180°	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5
2.5°	1626.0	1621.5	1626.0	1623.0	1624.5	1620.0	1606.5	1602.0	1606.5	1611.0	1611.0
5°	1645.5	1642.5	1645.5	1645.5	1644.0	1641.0	1626.0	1623.0	1626.0	1627.5	1624.5
7.5°	1651.5	1647.0	1651.5	1648.5	1648.5	1645.5	1630.5	1627.5	1629.0	1633.5	1629.0
10°	1651.5	1647.0	1651.5	1650.0	1648.5	1645.5	1630.5	1624.5	1624.5	1629.0	1624.5
12.5°	1644.0	1641.0	1644.0	1641.0	1641.0	1638.0	1623.0	1617.0	1618.5	1620.0	1614.0
15°	1632.0	1627.5	1632.0	1629.0	1630.5	1626.0	1609.5	1603.5	1603.5	1606.5	1596.0
17.5°	1614.0	1608.0	1614.0	1612.5	1611.0	1608.0	1593.0	1587.0	1585.5	1587.0	1579.5
20°	1593.0	1588.5	1593.0	1591.5	1591.5	1585.5	1570.5	1563.0	1563.0	1563.0	1555.5
22.5°	1560.0	1555.5	1560.0	1563.0	1563.0	1561.5	1548.0	1537.5	1534.5	1534.5	1525.5
25°	1522.5	1518.0	1522.5	1522.5	1521.0	1522.5	1518.0	1512.0	1507.5	1503.0	1494.0
27.5°	1486.5	1483.5	1486.5	1483.5	1486.5	1482.0	1480.5	1479.0	1473.0	1468.5	1456.5
30°	1450.5	1447.5	1450.5	1447.5	1444.5	1441.5	1434.0	1431.0	1437.0	1434.0	1414.5
32.5°	1405.5	1402.5	1405.5	1405.5	1402.5	1402.5	1390.5	1386.0	1387.5	1396.5	1378.5
35°	1359.0	1354.5	1359.0	1357.5	1359.0	1354.5	1347.0	1345.5	1339.5	1350.0	1336.5
37.5°	1305.0	1300.5	1305.0	1305.0	1305.0	1308.0	1302.0	1297.5	1288.5	1302.0	1291.5
40°	1249.5	1243.5	1249.5	1248.0	1249.5	1252.5	1249.5	1246.5	1237.5	1248.0	1239.0
42.5°	1186.5	1185.0	1186.5	1188.0	1188.0	1194.0	1198.5	1192.5	1189.5	1182.0	1188.0
45°	1119.0	1116.0	1119.0	1122.0	1123.5	1126.5	1140.0	1140.0	1135.5	1123.5	1132.5
47.5°	1047.0	1039.5	1047.0	1056.0	1056.0	1060.5	1074.0	1084.5	1077.0	1062.0	1066.5
50°	970.5	972.0	970.5	976.5	976.5	993.0	1003.5	1014.0	1021.5	1003.5	982.5
52.5°	895.5	894.0	895.5	900.0	906.0	913.5	931.5	942.0	954.0	943.5	910.5
55°	820.5	823.5	820.5	822.0	825.0	829.5	856.5	867.0	889.5	876.0	841.5
57.5°	745.5	741.0	745.5	748.5	750.0	754.5	777.0	796.5	810.0	811.5	769.5
60°	658.5	652.5	658.5	672.0	675.0	678.0	699.0	717.0	729.0	733.5	690.0
62.5°	582.0	571.5	582.0	591.0	597.0	604.5	619.5	646.5	657.0	658.5	597.0
65°	501.0	496.5	501.0	519.0	520.5	529.5	546.0	565.5	588.0	585.0	496.5
67.5°	427.5	427.5	427.5	439.5	448.5	453.0	474.0	483.0	511.5	514.5	414.0
70°	360.0	358.5	360.0	369.0	375.0	385.5	405.0	415.5	438.0	445.5	336.0
72.5°	295.5	294.0	295.5	303.0	309.0	318.0	334.5	346.5	366.0	375.0	261.0
75°	238.5	235.5	238.5	244.5	243.0	255.0	268.5	280.5	298.5	304.5	193.5
77.5°	183.0	183.0	183.0	189.0	189.0	201.0	207.0	222.0	232.5	241.5	142.5
80°	136.5	135.0	136.5	138.0	138.0	144.0	154.5	165.0	174.0	174.0	97.5
82.5°	96.0	93.0	96.0	96.0	96.0	99.0	105.0	108.0	114.0	118.5	61.5
85°	60.0	60.0	60.0	61.5	60.0	63.0	64.5	67.5	67.5	64.5	37.5
87.5°	39.0	37.5	39.0	37.5	37.5	36.0	36.0	36.0	34.5	33.0	21.0
90°	35.6	35.6	35.6	35.6	35.6	47.4	63.2	71.1	61.1	41.2	26.2
92.5°	142.4	114.1	142.4	170.7	177.8	252.0	350.9	400.4	351.6	253.9	180.6
95°	496.3	410.7	496.3	582.0	603.4	792.4	1044.4	1170.4	988.5	624.7	351.8
97.5°	1189.3	1026.3	1189.3	1352.3	1393.1	1512.5	1671.8	1751.4	1448.1	841.4	386.4
100°	1713.6	1519.4	1713.6	1907.8	1956.3	1947.6	1935.9	1930.1	1593.5	920.3	415.4
102.5°	2229.2	2062.9	2229.2	2395.5	2437.1	2284.9	2082.0	1980.6	1639.2	956.5	444.4
105°	2886.7	2797.3	2886.7	2976.1	2998.5	2657.3	2202.4	1975.0	1644.4	983.3	487.4
107.5°	3317.4	3339.0	3317.4	3295.8	3290.4	2814.5	2180.0	1862.7	1571.2	988.2	551.0
110°	3481.6	3574.8	3481.6	3388.5	3365.2	2833.2	2123.8	1769.1	1506.3	980.8	586.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3496.3	3639.3	3496.3	3353.3	3317.5	2773.0	2047.0	1684.0	1449.7	981.1	629.6
115°	3403.5	3601.9	3403.5	3205.2	3155.6	2631.1	1931.7	1582.0	1384.7	990.1	694.2
117.5°	3207.0	3427.0	3207.0	2987.0	2932.0	2458.6	1827.5	1511.9	1344.1	1008.6	756.9
120°	3048.6	3262.3	3048.6	2834.8	2781.4	2348.9	1772.2	1483.8	1330.4	1023.5	793.4
122.5°	2894.3	3105.1	2894.3	2683.5	2630.8	2241.3	1722.0	1462.3	1323.2	1045.0	836.4
125°	2674.2	2868.4	2674.2	2480.0	2431.5	2100.6	1659.5	1438.9	1317.3	1074.0	891.6
127.5°	2476.3	2640.2	2476.3	2312.5	2271.5	1987.4	1608.6	1419.2	1313.8	1103.0	944.9
130°	2359.7	2511.0	2359.7	2208.3	2170.5	1917.6	1580.4	1411.8	1316.0	1124.3	980.5
132.5°	2253.8	2389.4	2253.8	2118.3	2084.4	1858.0	1556.1	1405.2	1317.3	1141.4	1009.5
135°	2108.9	2225.7	2108.9	1992.0	1962.8	1773.2	1520.4	1394.0	1316.0	1160.1	1043.2
137.5°	1992.6	2088.2	1992.6	1896.9	1873.0	1712.7	1499.0	1392.1	1324.1	1188.2	1086.2
140°	1912.7	2002.1	1912.7	1823.3	1801.0	1662.5	1477.9	1385.6	1325.5	1205.3	1115.2
142.5°	1846.6	1923.5	1846.6	1769.6	1750.4	1628.8	1466.7	1385.6	1330.3	1219.7	1136.7
145°	1747.4	1805.6	1747.4	1689.2	1674.7	1575.2	1442.5	1376.2	1330.3	1238.4	1169.5
147.5°	1671.3	1719.6	1671.3	1623.1	1611.0	1532.7	1428.4	1376.2	1339.4	1265.8	1210.6
150°	1623.4	1662.5	1623.4	1584.3	1574.5	1508.4	1420.3	1376.2	1344.2	1280.1	1232.1
152.5°	1582.4	1612.0	1582.4	1552.9	1545.5	1489.1	1413.8	1376.2	1347.3	1289.5	1246.2
155°	1535.3	1554.9	1535.3	1515.8	1510.9	1466.0	1406.1	1376.2	1354.2	1310.1	1277.0
157.5°	1498.2	1511.9	1498.2	1484.4	1481.0	1446.1	1399.5	1376.2	1361.0	1330.7	1307.9
160°	1475.9	1483.8	1475.9	1468.0	1466.0	1436.1	1396.2	1376.2	1364.1	1340.0	1321.9
162.5°	1461.3	1468.8	1461.3	1453.9	1452.0	1426.7	1393.0	1376.2	1367.5	1350.0	1336.9
165°	1440.3	1448.2	1440.3	1432.5	1430.5	1412.4	1388.3	1376.2	1372.2	1364.3	1358.4
167.5°	1425.3	1428.6	1425.3	1421.9	1421.1	1409.3	1393.5	1385.6	1382.3	1375.6	1370.6
170°	1421.1	1421.1	1421.1	1421.1	1421.1	1409.3	1393.5	1385.6	1385.4	1384.9	1384.6
172.5°	1410.0	1407.1	1410.0	1412.9	1413.6	1404.3	1391.8	1385.6	1385.6	1385.6	1385.6
175°	1403.3	1403.3	1403.3	1403.3	1403.3	1397.4	1389.5	1385.6	1387.5	1391.2	1394.0
177.5°	1397.3	1394.0	1397.3	1400.7	1401.5	1396.8	1390.5	1387.4	1388.9	1391.8	1394.0
180°	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5
2.5°	1608.0	1599.0	1599.0	1584.0	1578.0	1573.5	1566.0	1543.5	1537.5	1531.5	1540.5
5°	1621.5	1605.0	1593.0	1566.0	1543.5	1534.5	1506.0	1452.0	1416.0	1389.0	1374.0
7.5°	1624.5	1603.5	1581.0	1539.0	1485.0	1461.0	1374.0	1275.0	1248.0	1224.0	1209.0
10°	1621.5	1597.5	1566.0	1503.0	1375.5	1333.5	1246.5	1182.0	1165.5	1161.0	1165.5
12.5°	1611.0	1588.5	1545.0	1440.0	1261.5	1233.0	1182.0	1144.5	1141.5	1149.0	1189.5
15°	1593.0	1572.0	1521.0	1356.0	1198.5	1177.5	1141.5	1128.0	1144.5	1197.0	1318.5
17.5°	1575.0	1551.0	1488.0	1273.5	1150.5	1135.5	1110.0	1137.0	1230.0	1300.5	1341.0
20°	1551.0	1522.5	1450.5	1213.5	1116.0	1102.5	1090.5	1212.0	1282.5	1308.0	1330.5
22.5°	1522.5	1492.5	1399.5	1171.5	1080.0	1069.5	1077.0	1254.0	1282.5	1300.5	1320.0
25°	1485.0	1459.5	1339.5	1138.5	1051.5	1039.5	1068.0	1249.5	1266.0	1270.5	1309.5
27.5°	1450.5	1417.5	1276.5	1108.5	1017.0	1012.5	1075.5	1230.0	1242.0	1246.5	1288.5
30°	1408.5	1359.0	1206.0	1077.0	981.0	979.5	1077.0	1206.0	1203.0	1215.0	1257.0
32.5°	1365.0	1272.0	1126.5	1038.0	946.5	945.0	1066.5	1170.0	1167.0	1183.5	1215.0
35°	1324.5	1204.5	1018.5	993.0	903.0	904.5	1041.0	1128.0	1129.5	1144.5	1164.0
37.5°	1282.5	1146.0	900.0	943.5	861.0	861.0	1006.5	1089.0	1086.0	1090.5	1117.5
40°	1233.0	1054.5	795.0	879.0	822.0	817.5	964.5	1047.0	1036.5	1035.0	1072.5
42.5°	1180.5	954.0	717.0	793.5	777.0	771.0	913.5	996.0	976.5	981.0	1029.0
45°	1123.5	927.0	657.0	670.5	730.5	726.0	858.0	937.5	924.0	936.0	985.5
47.5°	1066.5	873.0	637.5	556.5	681.0	679.5	796.5	880.5	873.0	885.0	937.5
50°	988.5	813.0	636.0	477.0	625.5	631.5	723.0	825.0	825.0	835.5	891.0
52.5°	888.0	739.5	577.5	432.0	561.0	579.0	658.5	777.0	780.0	790.5	840.0
55°	796.5	663.0	535.5	397.5	484.5	523.5	595.5	727.5	733.5	744.0	789.0
57.5°	712.5	552.0	526.5	357.0	414.0	451.5	540.0	679.5	682.5	691.5	735.0
60°	622.5	399.0	483.0	313.5	352.5	381.0	489.0	622.5	633.0	639.0	676.5
62.5°	520.5	289.5	438.0	283.5	322.5	328.5	447.0	568.5	582.0	586.5	609.0
65°	370.5	243.0	372.0	258.0	291.0	292.5	402.0	513.0	525.0	532.5	549.0
67.5°	250.5	198.0	283.5	234.0	267.0	268.5	358.5	448.5	465.0	471.0	481.5
70°	174.0	132.0	210.0	208.5	240.0	243.0	312.0	390.0	405.0	409.5	415.5
72.5°	127.5	106.5	174.0	187.5	211.5	214.5	264.0	324.0	339.0	343.5	346.5
75°	97.5	112.5	141.0	163.5	180.0	181.5	216.0	264.0	274.5	277.5	279.0
77.5°	78.0	105.0	103.5	132.0	147.0	144.0	169.5	204.0	213.0	213.0	213.0
80°	58.5	82.5	78.0	94.5	108.0	105.0	121.5	145.5	148.5	151.5	150.0
82.5°	43.5	52.5	52.5	60.0	72.0	69.0	81.0	94.5	94.5	94.5	97.5
85°	27.0	30.0	24.0	31.5	40.5	39.0	45.0	51.0	52.5	52.5	49.5
87.5°	16.5	13.5	7.5	12.0	18.0	18.0	21.0	22.5	21.0	21.0	21.0
90°	24.3	16.9	9.4	16.9	24.3	26.2	41.2	61.1	71.1	63.2	47.4
92.5°	164.7	101.0	37.4	101.0	164.7	180.6	253.9	351.6	400.4	350.9	252.0
95°	322.7	206.2	89.8	206.2	322.7	351.8	624.7	988.5	1170.4	1044.4	792.4
97.5°	360.7	258.0	155.3	258.0	360.7	386.4	841.4	1448.1	1751.4	1671.8	1512.5
100°	392.1	299.0	205.8	299.0	392.1	415.4	920.3	1593.5	1930.1	1935.9	1947.6
102.5°	422.7	335.8	248.9	335.8	422.7	444.4	956.5	1639.2	1980.6	2082.0	2284.9
105°	469.0	395.4	321.8	395.4	469.0	487.4	983.3	1644.4	1975.0	2202.4	2657.3
107.5°	533.9	465.3	396.7	465.3	533.9	551.0	988.2	1571.2	1862.7	2180.0	2814.5
110°	571.1	509.2	447.2	509.2	571.1	586.6	980.8	1506.3	1769.1	2123.8	2833.2



TEST NUMBER: P935915

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	614.8	555.8	496.8	555.8	614.8	629.6	981.1	1449.7	1684.0	2047.0	2773.0
115°	680.6	626.1	571.6	626.1	680.6	694.2	990.1	1384.7	1582.0	1931.7	2631.1
117.5°	744.5	695.0	645.5	695.0	744.5	756.9	1008.6	1344.1	1511.9	1827.5	2458.6
120°	781.8	735.2	688.6	735.2	781.8	793.4	1023.5	1330.4	1483.8	1772.2	2348.9
122.5°	824.7	777.7	730.7	777.7	824.7	836.4	1045.0	1323.2	1462.3	1722.0	2241.3
125°	880.9	838.0	795.2	838.0	880.9	891.6	1074.0	1317.3	1438.9	1659.5	2100.6
127.5°	934.1	890.8	847.6	890.8	934.1	944.9	1103.0	1313.8	1419.2	1608.6	1987.4
130°	968.9	922.3	875.7	922.3	968.9	980.5	1124.3	1316.0	1411.8	1580.4	1917.6
132.5°	997.9	951.3	904.7	951.3	997.9	1009.5	1141.4	1317.3	1405.2	1556.1	1858.0
135°	1032.6	990.1	947.7	990.1	1032.6	1043.2	1160.1	1316.0	1394.0	1520.4	1773.2
137.5°	1075.7	1033.7	991.7	1033.7	1075.7	1086.2	1188.2	1324.1	1392.1	1499.0	1712.7
140°	1105.5	1066.9	1028.2	1066.9	1105.5	1115.2	1205.3	1325.5	1385.6	1477.9	1662.5
142.5°	1127.8	1092.0	1056.2	1092.0	1127.8	1136.7	1219.7	1330.3	1385.6	1466.7	1628.8
145°	1161.7	1130.5	1099.3	1130.5	1161.7	1169.5	1238.4	1330.3	1376.2	1442.5	1575.2
147.5°	1203.0	1172.7	1142.3	1172.7	1203.0	1210.6	1265.8	1339.4	1376.2	1428.4	1532.7
150°	1225.2	1197.8	1170.4	1197.8	1225.2	1232.1	1280.1	1344.2	1376.2	1420.3	1508.4
152.5°	1241.0	1220.2	1199.4	1220.2	1241.0	1246.2	1289.5	1347.3	1376.2	1413.8	1489.1
155°	1273.2	1257.8	1242.4	1257.8	1273.2	1277.0	1310.1	1354.2	1376.2	1406.1	1466.0
157.5°	1304.2	1289.2	1274.2	1289.2	1304.2	1307.9	1330.7	1361.0	1376.2	1399.5	1446.1
160°	1319.0	1307.4	1295.8	1307.4	1319.0	1321.9	1340.0	1364.1	1376.2	1396.2	1436.1
162.5°	1334.7	1326.0	1317.3	1326.0	1334.7	1336.9	1350.0	1367.5	1376.2	1393.0	1426.7
165°	1356.4	1348.6	1340.7	1348.6	1356.4	1358.4	1364.3	1372.2	1376.2	1388.3	1412.4
167.5°	1369.7	1365.9	1362.2	1365.9	1369.7	1370.6	1375.6	1382.3	1385.6	1393.5	1409.3
170°	1383.7	1379.9	1376.2	1379.9	1383.7	1384.6	1384.9	1385.4	1385.6	1393.5	1409.3
172.5°	1385.4	1384.5	1383.7	1384.5	1385.4	1385.6	1385.6	1385.6	1385.6	1391.8	1404.3
175°	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1391.2	1387.5	1385.6	1389.5	1397.4
177.5°	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1391.8	1388.9	1387.4	1390.5	1396.8
180°	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5	1585.5
2.5°	1530.0	1525.5	1531.5	1515.0	1531.5	1525.5	1530.0	1540.5	1531.5	1537.5	1543.5
5°	1342.5	1335.0	1311.0	1291.5	1311.0	1335.0	1342.5	1374.0	1389.0	1416.0	1452.0
7.5°	1200.0	1194.0	1188.0	1176.0	1188.0	1194.0	1200.0	1209.0	1224.0	1248.0	1275.0
10°	1168.5	1170.0	1179.0	1177.5	1179.0	1170.0	1168.5	1165.5	1161.0	1165.5	1182.0
12.5°	1249.5	1263.0	1312.5	1309.5	1312.5	1263.0	1249.5	1189.5	1149.0	1141.5	1144.5
15°	1342.5	1347.0	1357.5	1359.0	1357.5	1347.0	1342.5	1318.5	1197.0	1144.5	1128.0
17.5°	1351.5	1353.0	1360.5	1360.5	1360.5	1353.0	1351.5	1341.0	1300.5	1230.0	1137.0
20°	1344.0	1347.0	1362.0	1365.0	1362.0	1347.0	1344.0	1330.5	1308.0	1282.5	1212.0
22.5°	1341.0	1347.0	1359.0	1357.5	1359.0	1347.0	1341.0	1320.0	1300.5	1282.5	1254.0
25°	1326.0	1326.0	1327.5	1329.0	1327.5	1326.0	1326.0	1309.5	1270.5	1266.0	1249.5
27.5°	1294.5	1297.5	1306.5	1305.0	1306.5	1297.5	1294.5	1288.5	1246.5	1242.0	1230.0
30°	1266.0	1263.0	1255.5	1249.5	1255.5	1263.0	1266.0	1257.0	1215.0	1203.0	1206.0
32.5°	1218.0	1210.5	1203.0	1198.5	1203.0	1210.5	1218.0	1215.0	1183.5	1167.0	1170.0
35°	1161.0	1162.5	1161.0	1156.5	1161.0	1162.5	1161.0	1164.0	1144.5	1129.5	1128.0
37.5°	1120.5	1123.5	1122.0	1116.0	1122.0	1123.5	1120.5	1117.5	1090.5	1086.0	1089.0
40°	1078.5	1080.0	1078.5	1074.0	1078.5	1080.0	1078.5	1072.5	1035.0	1036.5	1047.0
42.5°	1038.0	1036.5	1032.0	1029.0	1032.0	1036.5	1038.0	1029.0	981.0	976.5	996.0
45°	991.5	993.0	984.0	979.5	984.0	993.0	991.5	985.5	936.0	924.0	937.5
47.5°	945.0	945.0	937.5	933.0	937.5	945.0	945.0	937.5	885.0	873.0	880.5
50°	895.5	894.0	883.5	882.0	883.5	894.0	895.5	891.0	835.5	825.0	825.0
52.5°	838.5	838.5	840.0	843.0	840.0	838.5	838.5	840.0	790.5	780.0	777.0
55°	789.0	790.5	801.0	804.0	801.0	790.5	789.0	789.0	744.0	733.5	727.5
57.5°	738.0	738.0	745.5	745.5	745.5	738.0	738.0	735.0	691.5	682.5	679.5
60°	679.5	682.5	688.5	687.0	688.5	682.5	679.5	676.5	639.0	633.0	622.5
62.5°	618.0	621.0	622.5	619.5	622.5	621.0	618.0	609.0	586.5	582.0	568.5
65°	553.5	556.5	558.0	555.0	558.0	556.5	553.5	549.0	532.5	525.0	513.0
67.5°	487.5	486.0	484.5	490.5	484.5	486.0	487.5	481.5	471.0	465.0	448.5
70°	420.0	420.0	418.5	421.5	418.5	420.0	420.0	415.5	409.5	405.0	390.0
72.5°	348.0	346.5	352.5	348.0	352.5	346.5	348.0	346.5	343.5	339.0	324.0
75°	277.5	280.5	277.5	282.0	277.5	280.5	277.5	279.0	277.5	274.5	264.0
77.5°	211.5	214.5	211.5	211.5	211.5	214.5	211.5	213.0	213.0	213.0	204.0
80°	150.0	148.5	148.5	147.0	148.5	148.5	150.0	150.0	151.5	148.5	145.5
82.5°	96.0	94.5	94.5	97.5	94.5	94.5	96.0	97.5	94.5	94.5	94.5
85°	52.5	54.0	51.0	51.0	51.0	54.0	52.5	49.5	52.5	52.5	51.0
87.5°	19.5	18.0	18.0	18.0	18.0	18.0	19.5	21.0	21.0	21.0	22.5
90°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	47.4	63.2	71.1	61.1
92.5°	177.8	170.7	142.4	114.1	142.4	170.7	177.8	252.0	350.9	400.4	351.6
95°	603.4	582.0	496.3	410.7	496.3	582.0	603.4	792.4	1044.4	1170.4	988.5
97.5°	1393.1	1352.3	1189.3	1026.3	1189.3	1352.3	1393.1	1512.5	1671.8	1751.4	1448.1
100°	1956.3	1907.8	1713.6	1519.4	1713.6	1907.8	1956.3	1947.6	1935.9	1930.1	1593.5
102.5°	2437.1	2395.5	2229.2	2062.9	2229.2	2395.5	2437.1	2284.9	2082.0	1980.6	1639.2
105°	2998.5	2976.1	2886.7	2797.3	2886.7	2976.1	2998.5	2657.3	2202.4	1975.0	1644.4
107.5°	3290.4	3295.8	3317.4	3339.0	3317.4	3295.8	3290.4	2814.5	2180.0	1862.7	1571.2
110°	3365.2	3388.5	3481.6	3574.8	3481.6	3388.5	3365.2	2833.2	2123.8	1769.1	1506.3



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3317.5	3353.3	3496.3	3639.3	3496.3	3353.3	3317.5	2773.0	2047.0	1684.0	1449.7
115°	3155.6	3205.2	3403.5	3601.9	3403.5	3205.2	3155.6	2631.1	1931.7	1582.0	1384.7
117.5°	2932.0	2987.0	3207.0	3427.0	3207.0	2987.0	2932.0	2458.6	1827.5	1511.9	1344.1
120°	2781.4	2834.8	3048.6	3262.3	3048.6	2834.8	2781.4	2348.9	1772.2	1483.8	1330.4
122.5°	2630.8	2683.5	2894.3	3105.1	2894.3	2683.5	2630.8	2241.3	1722.0	1462.3	1323.2
125°	2431.5	2480.0	2674.2	2868.4	2674.2	2480.0	2431.5	2100.6	1659.5	1438.9	1317.3
127.5°	2271.5	2312.5	2476.3	2640.2	2476.3	2312.5	2271.5	1987.4	1608.6	1419.2	1313.8
130°	2170.5	2208.3	2359.7	2511.0	2359.7	2208.3	2170.5	1917.6	1580.4	1411.8	1316.0
132.5°	2084.4	2118.3	2253.8	2389.4	2253.8	2118.3	2084.4	1858.0	1556.1	1405.2	1317.3
135°	1962.8	1992.0	2108.9	2225.7	2108.9	1992.0	1962.8	1773.2	1520.4	1394.0	1316.0
137.5°	1873.0	1896.9	1992.6	2088.2	1992.6	1896.9	1873.0	1712.7	1499.0	1392.1	1324.1
140°	1801.0	1823.3	1912.7	2002.1	1912.7	1823.3	1801.0	1662.5	1477.9	1385.6	1325.5
142.5°	1750.4	1769.6	1846.6	1923.5	1846.6	1769.6	1750.4	1628.8	1466.7	1385.6	1330.3
145°	1674.7	1689.2	1747.4	1805.6	1747.4	1689.2	1674.7	1575.2	1442.5	1376.2	1330.3
147.5°	1611.0	1623.1	1671.3	1719.6	1671.3	1623.1	1611.0	1532.7	1428.4	1376.2	1339.4
150°	1574.5	1584.3	1623.4	1662.5	1623.4	1584.3	1574.5	1508.4	1420.3	1376.2	1344.2
152.5°	1545.5	1552.9	1582.4	1612.0	1582.4	1552.9	1545.5	1489.1	1413.8	1376.2	1347.3
155°	1510.9	1515.8	1535.3	1554.9	1535.3	1515.8	1510.9	1466.0	1406.1	1376.2	1354.2
157.5°	1481.0	1484.4	1498.2	1511.9	1498.2	1484.4	1481.0	1446.1	1399.5	1376.2	1361.0
160°	1466.0	1468.0	1475.9	1483.8	1475.9	1468.0	1466.0	1436.1	1396.2	1376.2	1364.1
162.5°	1452.0	1453.9	1461.3	1468.8	1461.3	1453.9	1452.0	1426.7	1393.0	1376.2	1367.5
165°	1430.5	1432.5	1440.3	1448.2	1440.3	1432.5	1430.5	1412.4	1388.3	1376.2	1372.2
167.5°	1421.1	1421.9	1425.3	1428.6	1425.3	1421.9	1421.1	1409.3	1393.5	1385.6	1382.3
170°	1421.1	1421.1	1421.1	1421.1	1421.1	1421.1	1421.1	1409.3	1393.5	1385.6	1385.4
172.5°	1413.6	1412.9	1410.0	1407.1	1410.0	1412.9	1413.6	1404.3	1391.8	1385.6	1385.6
175°	1403.3	1403.3	1403.3	1403.3	1403.3	1403.3	1403.3	1397.4	1389.5	1385.6	1387.5
177.5°	1401.5	1400.7	1397.3	1394.0	1397.3	1400.7	1401.5	1396.8	1390.5	1387.4	1388.9
180°	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0	1394.0



TEST NUMBER: P935915

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1585.5	1585.5	1585.5	1585.5	1585.5
2.5°	1566.0	1573.5	1578.0	1584.0	1599.0
5°	1506.0	1534.5	1543.5	1566.0	1593.0
7.5°	1374.0	1461.0	1485.0	1539.0	1581.0
10°	1246.5	1333.5	1375.5	1503.0	1566.0
12.5°	1182.0	1233.0	1261.5	1440.0	1545.0
15°	1141.5	1177.5	1198.5	1356.0	1521.0
17.5°	1110.0	1135.5	1150.5	1273.5	1488.0
20°	1090.5	1102.5	1116.0	1213.5	1450.5
22.5°	1077.0	1069.5	1080.0	1171.5	1399.5
25°	1068.0	1039.5	1051.5	1138.5	1339.5
27.5°	1075.5	1012.5	1017.0	1108.5	1276.5
30°	1077.0	979.5	981.0	1077.0	1206.0
32.5°	1066.5	945.0	946.5	1038.0	1126.5
35°	1041.0	904.5	903.0	993.0	1018.5
37.5°	1006.5	861.0	861.0	943.5	900.0
40°	964.5	817.5	822.0	879.0	795.0
42.5°	913.5	771.0	777.0	793.5	717.0
45°	858.0	726.0	730.5	670.5	657.0
47.5°	796.5	679.5	681.0	556.5	637.5
50°	723.0	631.5	625.5	477.0	636.0
52.5°	658.5	579.0	561.0	432.0	577.5
55°	595.5	523.5	484.5	397.5	535.5
57.5°	540.0	451.5	414.0	357.0	526.5
60°	489.0	381.0	352.5	313.5	483.0
62.5°	447.0	328.5	322.5	283.5	438.0
65°	402.0	292.5	291.0	258.0	372.0
67.5°	358.5	268.5	267.0	234.0	283.5
70°	312.0	243.0	240.0	208.5	210.0
72.5°	264.0	214.5	211.5	187.5	174.0
75°	216.0	181.5	180.0	163.5	141.0
77.5°	169.5	144.0	147.0	132.0	103.5
80°	121.5	105.0	108.0	94.5	78.0
82.5°	81.0	69.0	72.0	60.0	52.5
85°	45.0	39.0	40.5	31.5	24.0
87.5°	21.0	18.0	18.0	12.0	7.5
90°	41.2	26.2	24.3	16.9	9.4
92.5°	253.9	180.6	164.7	101.0	37.4
95°	624.7	351.8	322.7	206.2	89.8
97.5°	841.4	386.4	360.7	258.0	155.3
100°	920.3	415.4	392.1	299.0	205.8
102.5°	956.5	444.4	422.7	335.8	248.9
105°	983.3	487.4	469.0	395.4	321.8
107.5°	988.2	551.0	533.9	465.3	396.7
110°	980.8	586.6	571.1	509.2	447.2



TEST NUMBER: P935915

CATALOG NUMBER: SQ4-FA-150U-075D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	981.1	629.6	614.8	555.8	496.8
115°	990.1	694.2	680.6	626.1	571.6
117.5°	1008.6	756.9	744.5	695.0	645.5
120°	1023.5	793.4	781.8	735.2	688.6
122.5°	1045.0	836.4	824.7	777.7	730.7
125°	1074.0	891.6	880.9	838.0	795.2
127.5°	1103.0	944.9	934.1	890.8	847.6
130°	1124.3	980.5	968.9	922.3	875.7
132.5°	1141.4	1009.5	997.9	951.3	904.7
135°	1160.1	1043.2	1032.6	990.1	947.7
137.5°	1188.2	1086.2	1075.7	1033.7	991.7
140°	1205.3	1115.2	1105.5	1066.9	1028.2
142.5°	1219.7	1136.7	1127.8	1092.0	1056.2
145°	1238.4	1169.5	1161.7	1130.5	1099.3
147.5°	1265.8	1210.6	1203.0	1172.7	1142.3
150°	1280.1	1232.1	1225.2	1197.8	1170.4
152.5°	1289.5	1246.2	1241.0	1220.2	1199.4
155°	1310.1	1277.0	1273.2	1257.8	1242.4
157.5°	1330.7	1307.9	1304.2	1289.2	1274.2
160°	1340.0	1321.9	1319.0	1307.4	1295.8
162.5°	1350.0	1336.9	1334.7	1326.0	1317.3
165°	1364.3	1358.4	1356.4	1348.6	1340.7
167.5°	1375.6	1370.6	1369.7	1365.9	1362.2
170°	1384.9	1384.6	1383.7	1379.9	1376.2
172.5°	1385.6	1385.6	1385.4	1384.5	1383.7
175°	1391.2	1394.0	1394.0	1394.0	1394.0
177.5°	1391.8	1394.0	1394.0	1394.0	1394.0
180°	1394.0	1394.0	1394.0	1394.0	1394.0



TEST NUMBER: P935915
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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	10.70	11.41	11.80	12.51	14.03	13.52	14.23	14.62	15.33	16.85
	3H	11.16	11.80	12.27	12.91	14.44	14.85	15.49	15.96	16.60	18.13
	4H	11.35	11.95	12.47	13.06	14.60	15.29	15.90	16.41	17.00	18.54
	6H	11.46	12.02	12.59	13.13	14.68	15.56	16.12	16.69	17.23	18.78
	8H	11.45	11.99	12.59	13.11	14.65	15.63	16.17	16.77	17.29	18.83
	12H	11.42	11.92	12.56	13.05	14.61	15.67	16.17	16.80	17.29	18.86
4H	2H	11.71	12.32	12.84	13.42	14.96	13.91	14.52	15.04	15.63	17.17
	3H	12.72	13.23	13.86	14.36	15.91	15.40	15.91	16.54	17.04	18.59
	4H	12.99	13.46	14.13	14.58	16.15	15.92	16.39	17.06	17.51	19.08
	6H	13.11	13.51	14.25	14.65	16.22	16.28	16.68	17.42	17.82	19.38
	8H	13.11	13.48	14.25	14.62	16.20	16.38	16.75	17.52	17.89	19.47
	12H	13.07	13.41	14.23	14.56	16.14	16.43	16.77	17.59	17.92	19.50
8H	4H	13.43	13.80	14.58	14.94	16.52	16.03	16.41	17.18	17.55	19.12
	6H	13.69	13.99	14.85	15.18	16.75	16.46	16.77	17.63	17.95	19.53
	8H	13.73	14.00	14.90	15.16	16.75	16.61	16.88	17.78	18.04	19.64
	12H	13.71	13.94	14.88	15.10	16.73	16.70	16.94	17.88	18.10	19.73
12H	4H	13.43	13.77	14.59	14.92	16.50	15.99	16.33	17.15	17.48	19.06
	6H	13.75	14.02	14.92	15.18	16.77	16.46	16.73	17.63	17.89	19.48
	8H	13.81	14.04	14.98	15.20	16.83	16.61	16.85	17.79	18.01	19.63