

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: P935849

Luminaire Tested: SQ4-FA-150U-050D-930-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935849
REPORT IS A COMBINATION OF REPORTS P933769 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-050D-930-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

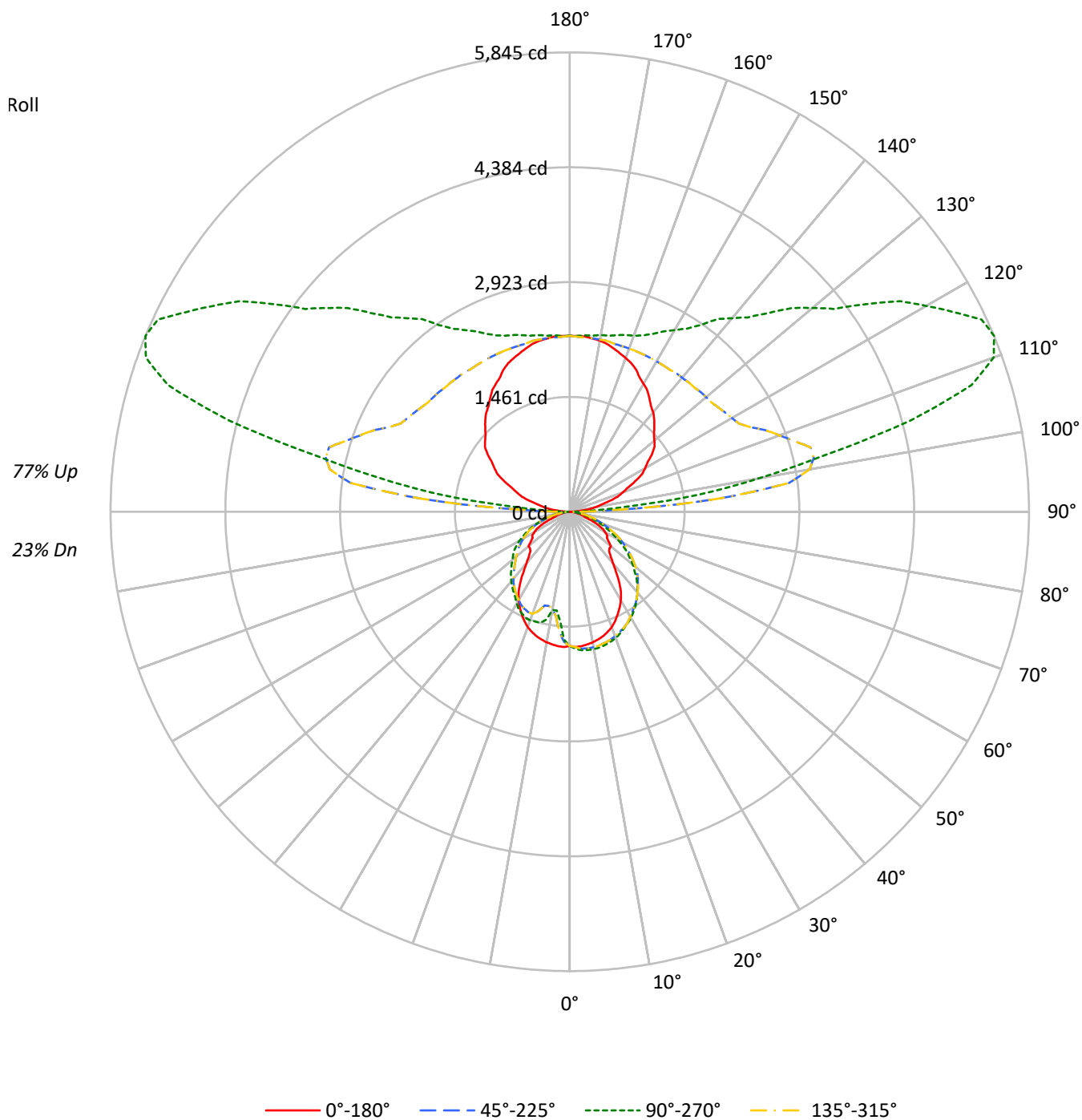
Lumens per Lamp: N/A
Luminaire Lumens: 18949.2 lumens
Efficiency: N/A
Efficacy: 113.6 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 166.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	101	101	101	101	90	90	90	90	69	69	69	49	49	49	32	32	32
1	92	88	84	81	81	78	75	72	60	58	56	43	42	41	28	27	27
2	84	77	71	66	74	68	63	59	52	49	46	38	36	34	25	24	23
3	76	67	60	55	67	60	54	49	46	42	39	34	31	29	22	20	19
4	70	59	52	46	62	53	47	42	41	37	33	30	27	25	19	18	16
5	64	53	45	39	56	47	40	36	36	32	28	27	24	21	17	16	14
6	59	47	39	34	52	42	35	31	33	28	24	24	21	18	16	14	12
7	54	42	35	29	48	38	31	27	30	25	21	22	19	16	14	12	11
8	50	38	31	26	44	34	28	23	27	22	19	20	17	14	13	11	10
9	46	35	28	23	41	31	25	21	24	20	17	18	15	13	12	10	9
10	43	32	25	20	38	28	22	18	22	18	15	17	14	11	11	9	8

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5282	5282	5282	5282
5°	5323	5332	5323	4192
10°	5290	5252	5290	3755
15°	5234	5138	5234	4291
20°	5127	5004	5127	4300
25°	4905	4807	4905	4208
30°	4617	4644	4617	4009
35°	4118	4437	4118	3789
40°	3433	4194	3433	3623
45°	3070	3910	3070	3432
50°	3264	3570	3264	3240
55°	3074	3205	3074	3129
60°	3173	2722	3173	2866
65°	2881	2250	2881	2515
70°	2000	1793	2000	2108
75°	1759	1326	1759	1587
80°	1429	876	1429	955
85°	839	464	839	394

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 90°

Luminance: 5568 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.1	0.8
10°-20°	437.7	2.3
20°-30°	676.6	3.6
30°-40°	807.7	4.3
40°-50°	812.4	4.3
50°-60°	706.9	3.7
60°-70°	501.2	2.6
70°-80°	265.2	1.4
80°-90°	74.6	0.4
90°-100°	1091.3	5.8
100°-110°	2869.0	15.1
110°-120°	2974.9	15.7
120°-130°	2386.2	12.6
130°-140°	1872.3	9.9
140°-150°	1437.1	7.6
150°-160°	1034.9	5.5
160°-170°	633.2	3.3
170°-180°	213.9	1.1
0°-30°	1268.4	6.7
0°-40°	2076.0	11.0
0°-60°	3595.3	19.0
0°-90°	4436.3	23.4
90°-120°	6935.2	36.6
90°-150°	12630.8	66.7
90°-180°	14513.0	76.6
0°-180°	18949.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1708	1708	1708	1708	1708	
5°	1716	1769	1716	1391	1716	163
15°	1638	1753	1638	1464	1638	461
25°	1443	1635	1443	1431	1443	662
35°	1097	1459	1097	1246	1097	679
45°	708	1202	708	1055	708	567
55°	577	887	577	866	577	530
65°	401	535	401	598	401	383
75°	152	254	152	304	152	160
85°	26	65	26	55	26	35
90°	15	57	15	57	15	13
95°	144	660	144	660	144	160
105°	517	4492	517	4492	517	548
115°	918	5785	918	5785	918	907
125°	1277	4607	1277	4607	1277	1134
135°	1522	3574	1522	3574	1522	1178
145°	1766	2900	1766	2900	1766	1106
155°	1995	2497	1995	2497	1995	917
165°	2153	2326	2153	2326	2153	608
175°	2239	2254	2239	2254	2239	213
180°	2239	2239	2239	2239	2239	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7
2.5°	1722.2	1722.2	1731.9	1735.1	1735.1	1730.3	1725.5	1730.3	1744.8	1749.7	1748.1
5°	1715.8	1728.7	1746.4	1749.7	1752.9	1751.3	1748.1	1751.3	1767.5	1770.7	1772.3
7.5°	1702.8	1727.1	1749.7	1754.6	1759.4	1754.6	1752.9	1756.2	1772.3	1775.5	1775.5
10°	1686.7	1720.6	1746.4	1749.7	1754.6	1749.7	1749.7	1756.2	1772.3	1775.5	1777.2
12.5°	1664.1	1711.0	1735.1	1738.4	1744.8	1743.2	1741.6	1748.1	1764.3	1767.5	1767.5
15°	1638.2	1693.1	1715.8	1719.0	1730.3	1727.1	1727.1	1733.5	1751.3	1756.2	1754.6
17.5°	1602.7	1670.6	1696.4	1701.2	1709.3	1707.7	1709.3	1715.8	1731.9	1735.1	1736.8
20°	1562.3	1639.8	1670.6	1675.4	1683.5	1683.5	1683.5	1691.5	1707.7	1714.2	1714.2
22.5°	1507.4	1607.5	1639.8	1643.1	1652.7	1652.7	1656.0	1667.3	1681.8	1683.5	1683.5
25°	1442.8	1572.0	1599.4	1609.1	1618.8	1623.7	1628.6	1635.0	1639.8	1638.2	1639.8
27.5°	1374.9	1526.7	1562.3	1568.7	1581.7	1586.5	1593.0	1594.6	1596.2	1601.0	1597.8
30°	1298.9	1463.7	1517.0	1523.5	1544.5	1547.8	1541.3	1544.5	1552.6	1555.8	1559.0
32.5°	1213.3	1370.0	1470.2	1484.7	1504.1	1494.5	1492.8	1497.7	1510.6	1510.6	1513.8
35°	1097.0	1297.3	1426.6	1439.5	1454.1	1442.8	1449.2	1450.8	1458.9	1463.7	1462.1
37.5°	969.4	1234.3	1381.3	1391.0	1402.4	1387.8	1397.5	1402.4	1408.8	1405.6	1405.6
40°	856.2	1135.8	1328.0	1334.5	1344.1	1332.9	1342.5	1345.8	1349.0	1345.8	1344.1
42.5°	772.2	1027.5	1271.5	1279.6	1273.1	1281.2	1284.4	1290.9	1286.0	1279.6	1279.6
45°	707.6	998.5	1210.1	1219.8	1210.1	1223.0	1227.9	1227.9	1213.3	1210.1	1208.4
47.5°	686.6	940.3	1148.7	1148.7	1143.9	1160.0	1168.0	1156.8	1142.3	1137.4	1137.4
50°	685.0	875.7	1064.7	1058.2	1080.8	1100.2	1092.2	1080.8	1069.5	1051.8	1051.8
52.5°	622.0	796.5	956.5	980.7	1016.2	1027.5	1014.6	1003.3	983.9	975.8	969.4
55°	576.8	714.1	857.8	906.3	943.5	958.1	933.8	922.5	893.4	888.6	885.4
57.5°	567.1	594.5	767.4	828.8	874.1	872.5	857.8	836.9	812.6	807.8	806.2
60°	520.3	429.8	670.5	743.2	790.0	785.2	772.2	752.9	730.2	727.0	723.8
62.5°	471.8	311.8	560.6	643.0	709.2	707.6	696.4	667.2	651.1	643.0	636.5
65°	400.7	261.7	399.1	534.8	630.1	633.3	609.1	588.1	570.3	560.6	559.0
67.5°	305.4	213.3	269.8	445.9	554.2	550.9	520.3	510.5	487.9	483.1	473.4
70°	226.2	142.2	187.4	361.9	479.9	471.8	447.5	436.2	415.2	403.9	397.4
72.5°	187.4	114.7	137.3	281.1	403.9	394.2	373.2	360.3	342.5	332.8	326.3
75°	151.8	121.2	105.0	208.4	327.9	321.5	302.1	289.2	274.6	261.7	263.3
77.5°	111.5	113.1	84.0	153.5	260.1	250.5	239.1	223.0	216.5	203.6	203.6
80°	84.0	88.9	63.0	105.0	187.4	187.4	177.7	166.4	155.1	148.6	148.6
82.5°	56.5	56.5	46.8	66.2	127.6	122.8	116.4	113.1	106.6	103.4	103.4
85°	25.9	32.3	29.1	40.4	69.5	72.7	72.7	69.5	67.9	64.6	66.2
87.5°	8.1	14.5	17.7	22.6	35.6	37.2	38.8	38.8	38.8	40.4	40.4
90°	15.0	27.1	39.1	42.1	66.1	98.1	114.2	101.5	76.1	57.1	57.1
92.5°	60.1	162.2	264.4	290.0	407.7	564.6	643.0	563.5	404.6	285.5	274.1
95°	144.2	331.2	518.2	564.9	1003.2	1587.5	1879.7	1677.3	1272.7	969.1	934.8
97.5°	249.4	414.3	579.3	620.6	1351.3	2325.6	2812.7	2684.8	2429.1	2237.2	2171.8
100°	330.5	480.1	629.7	667.1	1478.0	2559.1	3099.7	3109.0	3127.7	3141.7	3063.8
102.5°	399.7	539.2	678.8	713.7	1536.1	2632.6	3180.8	3343.8	3669.6	3914.1	3847.3
105°	516.9	635.1	753.3	782.8	1579.2	2640.9	3171.8	3537.1	4267.6	4815.5	4779.6
107.5°	637.1	747.3	857.4	885.0	1587.1	2523.3	2991.5	3501.0	4520.0	5284.3	5293.0
110°	718.2	817.7	917.2	942.1	1575.2	2419.2	2841.3	3410.9	4550.1	5404.5	5441.9

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	797.9	892.7	987.5	1011.2	1575.6	2328.2	2704.5	3287.5	4453.4	5327.9	5385.3
115°	918.1	1005.5	1093.0	1114.9	1590.2	2223.9	2540.8	3102.4	4225.5	5068.0	5147.6
117.5°	1036.8	1116.2	1195.7	1215.5	1619.7	2158.5	2428.0	2934.9	3948.6	4708.9	4797.2
120°	1105.8	1180.7	1255.4	1274.1	1643.7	2136.5	2383.0	2846.1	3772.3	4466.9	4552.8
122.5°	1173.4	1248.9	1324.4	1343.3	1678.4	2125.1	2348.5	2765.5	3599.5	4225.1	4309.7
125°	1277.2	1345.9	1414.7	1431.9	1724.9	2115.6	2310.9	2665.2	3373.6	3905.0	3983.0
127.5°	1361.2	1430.7	1500.2	1517.5	1771.4	2110.0	2279.3	2583.5	3191.8	3648.1	3713.9
130°	1406.4	1481.1	1555.9	1574.6	1805.5	2113.3	2267.3	2538.0	3079.7	3485.8	3546.6
132.5°	1452.9	1527.7	1602.5	1621.2	1833.0	2115.5	2256.8	2499.2	2984.0	3347.6	3402.1
135°	1522.0	1590.1	1658.3	1675.3	1863.1	2113.6	2238.8	2441.8	2847.8	3152.3	3199.2
137.5°	1592.7	1660.1	1727.6	1744.4	1908.2	2126.5	2235.7	2407.3	2750.6	3008.0	3046.4
140°	1651.3	1713.4	1775.5	1791.0	1935.7	2128.7	2225.2	2373.4	2670.0	2892.3	2928.2
142.5°	1696.3	1753.8	1811.2	1825.5	1958.8	2136.4	2225.2	2355.4	2615.9	2811.2	2842.1
145°	1765.5	1815.6	1865.6	1878.1	1988.8	2136.4	2210.2	2316.7	2529.7	2689.5	2712.9
147.5°	1834.5	1883.3	1932.0	1944.2	2032.9	2151.1	2210.2	2294.0	2461.6	2587.3	2606.7
150°	1879.7	1923.7	1967.8	1978.8	2055.9	2158.8	2210.2	2281.0	2422.6	2528.7	2544.4
152.5°	1926.2	1959.6	1993.0	2001.3	2070.9	2163.8	2210.2	2270.6	2391.5	2482.2	2494.0
155°	1995.4	2020.1	2044.8	2050.9	2104.0	2174.8	2210.2	2258.3	2354.5	2426.6	2434.5
157.5°	2046.4	2070.5	2094.5	2100.5	2137.0	2185.8	2210.2	2247.6	2322.4	2378.5	2384.0
160°	2081.0	2099.7	2118.4	2123.1	2152.1	2190.8	2210.2	2242.2	2306.3	2354.4	2357.6
162.5°	2115.5	2129.6	2143.5	2147.1	2168.1	2196.1	2210.2	2237.2	2291.4	2331.9	2334.9
165°	2153.1	2165.8	2178.5	2181.7	2191.1	2203.8	2210.2	2229.5	2268.2	2297.3	2300.5
167.5°	2187.7	2193.7	2199.7	2201.2	2209.2	2219.9	2225.2	2237.9	2263.3	2282.3	2283.7
170°	2210.2	2216.2	2222.2	2223.7	2224.2	2224.9	2225.2	2237.9	2263.3	2282.3	2282.3
172.5°	2222.2	2223.5	2224.9	2225.2	2225.2	2225.2	2225.2	2235.2	2255.3	2270.3	2269.1
175°	2238.8	2238.8	2238.8	2238.8	2234.3	2228.2	2225.2	2231.5	2244.2	2253.8	2253.8
177.5°	2238.8	2238.8	2238.8	2238.8	2235.2	2230.6	2228.2	2233.2	2243.3	2250.7	2249.4
180°	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7
2.5°	1751.3	1746.4	1751.3	1748.1	1749.7	1744.8	1730.3	1725.5	1730.3	1735.1	1735.1
5°	1772.3	1769.1	1772.3	1772.3	1770.7	1767.5	1751.3	1748.1	1751.3	1752.9	1749.7
7.5°	1778.8	1773.9	1778.8	1775.5	1775.5	1772.3	1756.2	1752.9	1754.6	1759.4	1754.6
10°	1778.8	1773.9	1778.8	1777.2	1775.5	1772.3	1756.2	1749.7	1749.7	1754.6	1749.7
12.5°	1770.7	1767.5	1770.7	1767.5	1767.5	1764.3	1748.1	1741.6	1743.2	1744.8	1738.4
15°	1757.8	1752.9	1757.8	1754.6	1756.2	1751.3	1733.5	1727.1	1727.1	1730.3	1719.0
17.5°	1738.4	1731.9	1738.4	1736.8	1735.1	1731.9	1715.8	1709.3	1707.7	1709.3	1701.2
20°	1715.8	1711.0	1715.8	1714.2	1714.2	1707.7	1691.5	1683.5	1683.5	1683.5	1675.4
22.5°	1680.2	1675.4	1680.2	1683.5	1683.5	1681.8	1667.3	1656.0	1652.7	1652.7	1643.1
25°	1639.8	1635.0	1639.8	1639.8	1638.2	1639.8	1635.0	1628.6	1623.7	1618.8	1609.1
27.5°	1601.0	1597.8	1601.0	1597.8	1601.0	1596.2	1594.6	1593.0	1586.5	1581.7	1568.7
30°	1562.3	1559.0	1562.3	1559.0	1555.8	1552.6	1544.5	1541.3	1547.8	1544.5	1523.5
32.5°	1513.8	1510.6	1513.8	1513.8	1510.6	1510.6	1497.7	1492.8	1494.5	1504.1	1484.7
35°	1463.7	1458.9	1463.7	1462.1	1463.7	1458.9	1450.8	1449.2	1442.8	1454.1	1439.5
37.5°	1405.6	1400.8	1405.6	1405.6	1405.6	1408.8	1402.4	1397.5	1387.8	1402.4	1391.0
40°	1345.8	1339.3	1345.8	1344.1	1345.8	1349.0	1345.8	1342.5	1332.9	1344.1	1334.5
42.5°	1278.0	1276.3	1278.0	1279.6	1279.6	1286.0	1290.9	1284.4	1281.2	1273.1	1279.6
45°	1205.2	1202.0	1205.2	1208.4	1210.1	1213.3	1227.9	1227.9	1223.0	1210.1	1219.8
47.5°	1127.7	1119.6	1127.7	1137.4	1137.4	1142.3	1156.8	1168.0	1160.0	1143.9	1148.7
50°	1045.3	1046.9	1045.3	1051.8	1051.8	1069.5	1080.8	1092.2	1100.2	1080.8	1058.2
52.5°	964.5	962.9	964.5	969.4	975.8	983.9	1003.3	1014.6	1027.5	1016.2	980.7
55°	883.7	887.0	883.7	885.4	888.6	893.4	922.5	933.8	958.1	943.5	906.3
57.5°	802.9	798.1	802.9	806.2	807.8	812.6	836.9	857.8	872.5	874.1	828.8
60°	709.2	702.8	709.2	723.8	727.0	730.2	752.9	772.2	785.2	790.0	743.2
62.5°	626.8	615.6	626.8	636.5	643.0	651.1	667.2	696.4	707.6	709.2	643.0
65°	539.6	534.8	539.6	559.0	560.6	570.3	588.1	609.1	633.3	630.1	534.8
67.5°	460.4	460.4	460.4	473.4	483.1	487.9	510.5	520.3	550.9	554.2	445.9
70°	387.8	386.2	387.8	397.4	403.9	415.2	436.2	447.5	471.8	479.9	361.9
72.5°	318.3	316.6	318.3	326.3	332.8	342.5	360.3	373.2	394.2	403.9	281.1
75°	256.9	253.7	256.9	263.3	261.7	274.6	289.2	302.1	321.5	327.9	208.4
77.5°	197.1	197.1	197.1	203.6	203.6	216.5	223.0	239.1	250.5	260.1	153.5
80°	147.0	145.4	147.0	148.6	148.6	155.1	166.4	177.7	187.4	187.4	105.0
82.5°	103.4	100.1	103.4	103.4	103.4	106.6	113.1	116.4	122.8	127.6	66.2
85°	64.6	64.6	64.6	66.2	64.6	67.9	69.5	72.7	72.7	69.5	40.4
87.5°	42.0	40.4	42.0	40.4	40.4	38.8	38.8	38.8	37.2	35.6	22.6
90°	57.1	57.1	57.1	57.1	57.1	76.1	101.5	114.2	98.1	66.1	42.1
92.5°	228.7	183.3	228.7	274.1	285.5	404.6	563.5	643.0	564.6	407.7	290.0
95°	797.1	659.6	797.1	934.8	969.1	1272.7	1677.3	1879.7	1587.5	1003.2	564.9
97.5°	1910.0	1648.2	1910.0	2171.8	2237.2	2429.1	2684.8	2812.7	2325.6	1351.3	620.6
100°	2752.0	2440.1	2752.0	3063.8	3141.7	3127.7	3109.0	3099.7	2559.1	1478.0	667.1
102.5°	3580.2	3313.0	3580.2	3847.3	3914.1	3669.6	3343.8	3180.8	2632.6	1536.1	713.7
105°	4636.1	4492.5	4636.1	4779.6	4815.5	4267.6	3537.1	3171.8	2640.9	1579.2	782.8
107.5°	5327.7	5362.4	5327.7	5293.0	5284.3	4520.0	3501.0	2991.5	2523.3	1587.1	885.0
110°	5591.5	5741.1	5591.5	5441.9	5404.5	4550.1	3410.9	2841.3	2419.2	1575.2	942.1

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5615.1	5844.8	5615.1	5385.3	5327.9	4453.4	3287.5	2704.5	2328.2	1575.6	1011.2
115°	5466.1	5784.7	5466.1	5147.6	5068.0	4225.5	3102.4	2540.8	2223.9	1590.2	1114.9
117.5°	5150.4	5503.7	5150.4	4797.2	4708.9	3948.6	2934.9	2428.0	2158.5	1619.7	1215.5
120°	4896.0	5239.3	4896.0	4552.8	4466.9	3772.3	2846.1	2383.0	2136.5	1643.7	1274.1
122.5°	4648.3	4986.9	4648.3	4309.7	4225.1	3599.5	2765.5	2348.5	2125.1	1678.4	1343.3
125°	4294.8	4606.7	4294.8	3983.0	3905.0	3373.6	2665.2	2310.9	2115.6	1724.9	1431.9
127.5°	3977.0	4240.1	3977.0	3713.9	3648.1	3191.8	2583.5	2279.3	2110.0	1771.4	1517.5
130°	3789.7	4032.7	3789.7	3546.6	3485.8	3079.7	2538.0	2267.3	2113.3	1805.5	1574.6
132.5°	3619.7	3837.4	3619.7	3402.1	3347.6	2984.0	2499.2	2256.8	2115.5	1833.0	1621.2
135°	3386.8	3574.5	3386.8	3199.2	3152.3	2847.8	2441.8	2238.8	2113.6	1863.1	1675.3
137.5°	3200.0	3353.6	3200.0	3046.4	3008.0	2750.6	2407.3	2235.7	2126.5	1908.2	1744.4
140°	3071.8	3215.4	3071.8	2928.2	2892.3	2670.0	2373.4	2225.2	2128.7	1935.7	1791.0
142.5°	2965.6	3089.1	2965.6	2842.1	2811.2	2615.9	2355.4	2225.2	2136.4	1958.8	1825.5
145°	2806.4	2899.9	2806.4	2712.9	2689.5	2529.7	2316.7	2210.2	2136.4	1988.8	1878.1
147.5°	2684.2	2761.6	2684.2	2606.7	2587.3	2461.6	2294.0	2210.2	2151.1	2032.9	1944.2
150°	2607.2	2670.0	2607.2	2544.4	2528.7	2422.6	2281.0	2210.2	2158.8	2055.9	1978.8
152.5°	2541.4	2588.8	2541.4	2494.0	2482.2	2391.5	2270.6	2210.2	2163.8	2070.9	2001.3
155°	2465.8	2497.2	2465.8	2434.5	2426.6	2354.5	2258.3	2210.2	2174.8	2104.0	2050.9
157.5°	2406.0	2428.0	2406.0	2384.0	2378.5	2322.4	2247.6	2210.2	2185.8	2137.0	2100.5
160°	2370.3	2383.0	2370.3	2357.6	2354.4	2306.3	2242.2	2210.2	2190.8	2152.1	2123.1
162.5°	2346.9	2359.0	2346.9	2334.9	2331.9	2291.4	2237.2	2210.2	2196.1	2168.1	2147.1
165°	2313.2	2325.9	2313.2	2300.5	2297.3	2268.2	2229.5	2210.2	2203.8	2191.1	2181.7
167.5°	2289.0	2294.3	2289.0	2283.7	2282.3	2263.3	2237.9	2225.2	2219.9	2209.2	2201.2
170°	2282.3	2282.3	2282.3	2282.3	2282.3	2263.3	2237.9	2225.2	2224.9	2224.2	2223.7
172.5°	2264.5	2259.8	2264.5	2269.1	2270.3	2255.3	2235.2	2225.2	2225.2	2225.2	2225.2
175°	2253.8	2253.8	2253.8	2253.8	2253.8	2244.2	2231.5	2225.2	2228.2	2234.3	2238.8
177.5°	2244.1	2238.8	2244.1	2249.4	2250.7	2243.3	2233.2	2228.2	2230.6	2235.2	2238.8
180°	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7
2.5°	1731.9	1722.2	1722.2	1706.1	1699.6	1694.7	1686.7	1662.5	1656.0	1649.5	1659.2
5°	1746.4	1728.7	1715.8	1686.7	1662.5	1652.7	1622.1	1563.9	1525.1	1496.1	1479.9
7.5°	1749.7	1727.1	1702.8	1657.6	1599.4	1573.6	1479.9	1373.3	1344.1	1318.4	1302.1
10°	1746.4	1720.6	1686.7	1618.8	1481.5	1436.2	1342.5	1273.1	1255.3	1250.5	1255.3
12.5°	1735.1	1711.0	1664.1	1551.0	1358.8	1328.0	1273.1	1232.7	1229.5	1237.6	1281.2
15°	1715.8	1693.1	1638.2	1460.5	1290.9	1268.3	1229.5	1214.9	1232.7	1289.2	1420.1
17.5°	1696.4	1670.6	1602.7	1371.7	1239.2	1223.0	1195.5	1224.7	1324.8	1400.8	1444.4
20°	1670.6	1639.8	1562.3	1307.0	1202.0	1187.5	1174.5	1305.4	1381.3	1408.8	1433.0
22.5°	1639.8	1607.5	1507.4	1261.8	1163.2	1151.9	1160.0	1350.6	1381.3	1400.8	1421.7
25°	1599.4	1572.0	1442.8	1226.3	1132.6	1119.6	1150.3	1345.8	1363.6	1368.4	1410.4
27.5°	1562.3	1526.7	1374.9	1193.9	1095.4	1090.6	1158.4	1324.8	1337.7	1342.5	1387.8
30°	1517.0	1463.7	1298.9	1160.0	1056.6	1055.0	1160.0	1298.9	1295.7	1308.6	1353.9
32.5°	1470.2	1370.0	1213.3	1118.0	1019.4	1017.8	1148.7	1260.1	1256.9	1274.7	1308.6
35°	1426.6	1297.3	1097.0	1069.5	972.6	974.2	1121.2	1214.9	1216.5	1232.7	1253.7
37.5°	1381.3	1234.3	969.4	1016.2	927.4	927.4	1084.0	1172.9	1169.7	1174.5	1203.6
40°	1328.0	1135.8	856.2	946.7	885.4	880.5	1038.8	1127.7	1116.4	1114.8	1155.1
42.5°	1271.5	1027.5	772.2	854.6	836.9	830.4	983.9	1072.7	1051.8	1056.6	1108.3
45°	1210.1	998.5	707.6	722.1	786.8	782.0	924.1	1009.8	995.2	1008.2	1061.5
47.5°	1148.7	940.3	686.6	599.4	733.5	731.9	857.8	948.3	940.3	953.2	1009.8
50°	1064.7	875.7	685.0	513.8	673.7	680.1	778.7	888.6	888.6	899.9	959.7
52.5°	956.5	796.5	622.0	465.3	604.3	623.6	709.2	836.9	840.1	851.4	904.7
55°	857.8	714.1	576.8	428.2	521.9	563.9	641.4	783.6	790.0	801.3	849.8
57.5°	767.4	594.5	567.1	384.5	445.9	486.3	581.6	731.9	735.1	744.8	791.7
60°	670.5	429.8	520.3	337.7	379.7	410.3	526.7	670.5	681.7	688.3	728.6
62.5°	560.6	311.8	471.8	305.4	347.4	353.8	481.5	612.3	626.8	631.7	656.0
65°	399.1	261.7	400.7	277.9	313.4	315.0	433.0	552.5	565.5	573.5	591.3
67.5°	269.8	213.3	305.4	252.1	287.6	289.2	386.2	483.1	500.8	507.3	518.6
70°	187.4	142.2	226.2	224.6	258.5	261.7	336.1	420.0	436.2	441.1	447.5
72.5°	137.3	114.7	187.4	202.0	227.8	231.0	284.3	349.0	365.1	369.9	373.2
75°	105.0	121.2	151.8	176.1	193.8	195.5	232.6	284.3	295.7	298.9	300.5
77.5°	84.0	113.1	111.5	142.2	158.4	155.1	182.6	219.7	229.4	229.4	229.4
80°	63.0	88.9	84.0	101.8	116.4	113.1	130.9	156.7	160.0	163.2	161.6
82.5°	46.8	56.5	56.5	64.6	77.6	74.4	87.2	101.8	101.8	101.8	105.0
85°	29.1	32.3	25.9	34.0	43.6	42.0	48.5	54.9	56.5	56.5	53.3
87.5°	17.7	14.5	8.1	12.9	19.4	19.4	22.6	24.3	22.6	22.6	22.6
90°	39.1	27.1	15.0	27.1	39.1	42.1	66.1	98.1	114.2	101.5	76.1
92.5°	264.4	162.2	60.1	162.2	264.4	290.0	407.7	564.6	643.0	563.5	404.6
95°	518.2	331.2	144.2	331.2	518.2	564.9	1003.2	1587.5	1879.7	1677.3	1272.7
97.5°	579.3	414.3	249.4	414.3	579.3	620.6	1351.3	2325.6	2812.7	2684.8	2429.1
100°	629.7	480.1	330.5	480.1	629.7	667.1	1478.0	2559.1	3099.7	3109.0	3127.7
102.5°	678.8	539.2	399.7	539.2	678.8	713.7	1536.1	2632.6	3180.8	3343.8	3669.6
105°	753.3	635.1	516.9	635.1	753.3	782.8	1579.2	2640.9	3171.8	3537.1	4267.6
107.5°	857.4	747.3	637.1	747.3	857.4	885.0	1587.1	2523.3	2991.5	3501.0	4520.0
110°	917.2	817.7	718.2	817.7	917.2	942.1	1575.2	2419.2	2841.3	3410.9	4550.1

TEST NUMBER: P935849

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	987.5	892.7	797.9	892.7	987.5	1011.2	1575.6	2328.2	2704.5	3287.5	4453.4
115°	1093.0	1005.5	918.1	1005.5	1093.0	1114.9	1590.2	2223.9	2540.8	3102.4	4225.5
117.5°	1195.7	1116.2	1036.8	1116.2	1195.7	1215.5	1619.7	2158.5	2428.0	2934.9	3948.6
120°	1255.4	1180.7	1105.8	1180.7	1255.4	1274.1	1643.7	2136.5	2383.0	2846.1	3772.3
122.5°	1324.4	1248.9	1173.4	1248.9	1324.4	1343.3	1678.4	2125.1	2348.5	2765.5	3599.5
125°	1414.7	1345.9	1277.2	1345.9	1414.7	1431.9	1724.9	2115.6	2310.9	2665.2	3373.6
127.5°	1500.2	1430.7	1361.2	1430.7	1500.2	1517.5	1771.4	2110.0	2279.3	2583.5	3191.8
130°	1555.9	1481.1	1406.4	1481.1	1555.9	1574.6	1805.5	2113.3	2267.3	2538.0	3079.7
132.5°	1602.5	1527.7	1452.9	1527.7	1602.5	1621.2	1833.0	2115.5	2256.8	2499.2	2984.0
135°	1658.3	1590.1	1522.0	1590.1	1658.3	1675.3	1863.1	2113.6	2238.8	2441.8	2847.8
137.5°	1727.6	1660.1	1592.7	1660.1	1727.6	1744.4	1908.2	2126.5	2235.7	2407.3	2750.6
140°	1775.5	1713.4	1651.3	1713.4	1775.5	1791.0	1935.7	2128.7	2225.2	2373.4	2670.0
142.5°	1811.2	1753.8	1696.3	1753.8	1811.2	1825.5	1958.8	2136.4	2225.2	2355.4	2615.9
145°	1865.6	1815.6	1765.5	1815.6	1865.6	1878.1	1988.8	2136.4	2210.2	2316.7	2529.7
147.5°	1932.0	1883.3	1834.5	1883.3	1932.0	1944.2	2032.9	2151.1	2210.2	2294.0	2461.6
150°	1967.8	1923.7	1879.7	1923.7	1967.8	1978.8	2055.9	2158.8	2210.2	2281.0	2422.6
152.5°	1993.0	1959.6	1926.2	1959.6	1993.0	2001.3	2070.9	2163.8	2210.2	2270.6	2391.5
155°	2044.8	2020.1	1995.4	2020.1	2044.8	2050.9	2104.0	2174.8	2210.2	2258.3	2354.5
157.5°	2094.5	2070.5	2046.4	2070.5	2094.5	2100.5	2137.0	2185.8	2210.2	2247.6	2322.4
160°	2118.4	2099.7	2081.0	2099.7	2118.4	2123.1	2152.1	2190.8	2210.2	2242.2	2306.3
162.5°	2143.5	2129.6	2115.5	2129.6	2143.5	2147.1	2168.1	2196.1	2210.2	2237.2	2291.4
165°	2178.5	2165.8	2153.1	2165.8	2178.5	2181.7	2191.1	2203.8	2210.2	2229.5	2268.2
167.5°	2199.7	2193.7	2187.7	2193.7	2199.7	2201.2	2209.2	2219.9	2225.2	2237.9	2263.3
170°	2222.2	2216.2	2210.2	2216.2	2222.2	2223.7	2224.2	2224.9	2225.2	2237.9	2263.3
172.5°	2224.9	2223.5	2222.2	2223.5	2224.9	2225.2	2225.2	2225.2	2225.2	2235.2	2255.3
175°	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2234.3	2228.2	2225.2	2231.5	2244.2
177.5°	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2235.2	2230.6	2228.2	2233.2	2243.3
180°	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8

TEST NUMBER: P935849

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7	1707.7
2.5°	1647.9	1643.1	1649.5	1631.8	1649.5	1643.1	1647.9	1659.2	1649.5	1656.0	1662.5
5°	1446.0	1437.9	1412.1	1391.0	1412.1	1437.9	1446.0	1479.9	1496.1	1525.1	1563.9
7.5°	1292.5	1286.0	1279.6	1266.7	1279.6	1286.0	1292.5	1302.1	1318.4	1344.1	1373.3
10°	1258.5	1260.1	1269.9	1268.3	1269.9	1260.1	1258.5	1255.3	1250.5	1255.3	1273.1
12.5°	1345.8	1360.4	1413.7	1410.4	1413.7	1360.4	1345.8	1281.2	1237.6	1229.5	1232.7
15°	1446.0	1450.8	1462.1	1463.7	1462.1	1450.8	1446.0	1420.1	1289.2	1232.7	1214.9
17.5°	1455.7	1457.3	1465.3	1465.3	1465.3	1457.3	1455.7	1444.4	1400.8	1324.8	1224.7
20°	1447.6	1450.8	1467.0	1470.2	1467.0	1450.8	1447.6	1433.0	1408.8	1381.3	1305.4
22.5°	1444.4	1450.8	1463.7	1462.1	1463.7	1450.8	1444.4	1421.7	1400.8	1381.3	1350.6
25°	1428.2	1428.2	1429.8	1431.4	1429.8	1428.2	1428.2	1410.4	1368.4	1363.6	1345.8
27.5°	1394.2	1397.5	1407.2	1405.6	1407.2	1397.5	1394.2	1387.8	1342.5	1337.7	1324.8
30°	1363.6	1360.4	1352.3	1345.8	1352.3	1360.4	1363.6	1353.9	1308.6	1295.7	1298.9
32.5°	1311.9	1303.8	1295.7	1290.9	1295.7	1303.8	1311.9	1308.6	1274.7	1256.9	1260.1
35°	1250.5	1252.1	1250.5	1245.6	1250.5	1252.1	1250.5	1253.7	1232.7	1216.5	1214.9
37.5°	1206.8	1210.1	1208.4	1202.0	1208.4	1210.1	1206.8	1203.6	1174.5	1169.7	1172.9
40°	1161.6	1163.2	1161.6	1156.8	1161.6	1163.2	1161.6	1155.1	1114.8	1116.4	1127.7
42.5°	1118.0	1116.4	1111.5	1108.3	1111.5	1116.4	1118.0	1108.3	1056.6	1051.8	1072.7
45°	1067.9	1069.5	1059.8	1055.0	1059.8	1069.5	1067.9	1061.5	1008.2	995.2	1009.8
47.5°	1017.8	1017.8	1009.8	1004.9	1009.8	1017.8	1017.8	1009.8	953.2	940.3	948.3
50°	964.5	962.9	951.6	949.9	951.6	962.9	964.5	959.7	899.9	888.6	888.6
52.5°	903.1	903.1	904.7	908.0	904.7	903.1	903.1	904.7	851.4	840.1	836.9
55°	849.8	851.4	862.7	866.0	862.7	851.4	849.8	849.8	801.3	790.0	783.6
57.5°	794.9	794.9	802.9	802.9	802.9	794.9	794.9	791.7	744.8	735.1	731.9
60°	731.9	735.1	741.6	740.0	741.6	735.1	731.9	728.6	688.3	681.7	670.5
62.5°	665.6	668.9	670.5	667.2	670.5	668.9	665.6	656.0	631.7	626.8	612.3
65°	596.1	599.4	601.0	597.8	601.0	599.4	596.1	591.3	573.5	565.5	552.5
67.5°	525.1	523.5	521.9	528.3	521.9	523.5	525.1	518.6	507.3	500.8	483.1
70°	452.3	452.3	450.7	454.0	450.7	452.3	452.3	447.5	441.1	436.2	420.0
72.5°	374.8	373.2	379.7	374.8	379.7	373.2	374.8	373.2	369.9	365.1	349.0
75°	298.9	302.1	298.9	303.7	298.9	302.1	298.9	300.5	298.9	295.7	284.3
77.5°	227.8	231.0	227.8	227.8	227.8	231.0	227.8	229.4	229.4	229.4	219.7
80°	161.6	160.0	160.0	158.4	160.0	160.0	161.6	161.6	163.2	160.0	156.7
82.5°	103.4	101.8	101.8	105.0	101.8	101.8	103.4	105.0	101.8	101.8	101.8
85°	56.5	58.1	54.9	54.9	54.9	58.1	56.5	53.3	56.5	56.5	54.9
87.5°	21.0	19.4	19.4	19.4	19.4	19.4	21.0	22.6	22.6	22.6	24.3
90°	57.1	57.1	57.1	57.1	57.1	57.1	57.1	76.1	101.5	114.2	98.1
92.5°	285.5	274.1	228.7	183.3	228.7	274.1	285.5	404.6	563.5	643.0	564.6
95°	969.1	934.8	797.1	659.6	797.1	934.8	969.1	1272.7	1677.3	1879.7	1587.5
97.5°	2237.2	2171.8	1910.0	1648.2	1910.0	2171.8	2237.2	2429.1	2684.8	2812.7	2325.6
100°	3141.7	3063.8	2752.0	2440.1	2752.0	3063.8	3141.7	3127.7	3109.0	3099.7	2559.1
102.5°	3914.1	3847.3	3580.2	3313.0	3580.2	3847.3	3914.1	3669.6	3343.8	3180.8	2632.6
105°	4815.5	4779.6	4636.1	4492.5	4636.1	4779.6	4815.5	4267.6	3537.1	3171.8	2640.9
107.5°	5284.3	5293.0	5327.7	5362.4	5327.7	5293.0	5284.3	4520.0	3501.0	2991.5	2523.3
110°	5404.5	5441.9	5591.5	5741.1	5591.5	5441.9	5404.5	4550.1	3410.9	2841.3	2419.2

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	5327.9	5385.3	5615.1	5844.8	5615.1	5385.3	5327.9	4453.4	3287.5	2704.5	2328.2
115°	5068.0	5147.6	5466.1	5784.7	5466.1	5147.6	5068.0	4225.5	3102.4	2540.8	2223.9
117.5°	4708.9	4797.2	5150.4	5503.7	5150.4	4797.2	4708.9	3948.6	2934.9	2428.0	2158.5
120°	4466.9	4552.8	4896.0	5239.3	4896.0	4552.8	4466.9	3772.3	2846.1	2383.0	2136.5
122.5°	4225.1	4309.7	4648.3	4986.9	4648.3	4309.7	4225.1	3599.5	2765.5	2348.5	2125.1
125°	3905.0	3983.0	4294.8	4606.7	4294.8	3983.0	3905.0	3373.6	2665.2	2310.9	2115.6
127.5°	3648.1	3713.9	3977.0	4240.1	3977.0	3713.9	3648.1	3191.8	2583.5	2279.3	2110.0
130°	3485.8	3546.6	3789.7	4032.7	3789.7	3546.6	3485.8	3079.7	2538.0	2267.3	2113.3
132.5°	3347.6	3402.1	3619.7	3837.4	3619.7	3402.1	3347.6	2984.0	2499.2	2256.8	2115.5
135°	3152.3	3199.2	3386.8	3574.5	3386.8	3199.2	3152.3	2847.8	2441.8	2238.8	2113.6
137.5°	3008.0	3046.4	3200.0	3353.6	3200.0	3046.4	3008.0	2750.6	2407.3	2235.7	2126.5
140°	2892.3	2928.2	3071.8	3215.4	3071.8	2928.2	2892.3	2670.0	2373.4	2225.2	2128.7
142.5°	2811.2	2842.1	2965.6	3089.1	2965.6	2842.1	2811.2	2615.9	2355.4	2225.2	2136.4
145°	2689.5	2712.9	2806.4	2899.9	2806.4	2712.9	2689.5	2529.7	2316.7	2210.2	2136.4
147.5°	2587.3	2606.7	2684.2	2761.6	2684.2	2606.7	2587.3	2461.6	2294.0	2210.2	2151.1
150°	2528.7	2544.4	2607.2	2670.0	2607.2	2544.4	2528.7	2422.6	2281.0	2210.2	2158.8
152.5°	2482.2	2494.0	2541.4	2588.8	2541.4	2494.0	2482.2	2391.5	2270.6	2210.2	2163.8
155°	2426.6	2434.5	2465.8	2497.2	2465.8	2434.5	2426.6	2354.5	2258.3	2210.2	2174.8
157.5°	2378.5	2384.0	2406.0	2428.0	2406.0	2384.0	2378.5	2322.4	2247.6	2210.2	2185.8
160°	2354.4	2357.6	2370.3	2383.0	2370.3	2357.6	2354.4	2306.3	2242.2	2210.2	2190.8
162.5°	2331.9	2334.9	2346.9	2359.0	2346.9	2334.9	2331.9	2291.4	2237.2	2210.2	2196.1
165°	2297.3	2300.5	2313.2	2325.9	2313.2	2300.5	2297.3	2268.2	2229.5	2210.2	2203.8
167.5°	2282.3	2283.7	2289.0	2294.3	2289.0	2283.7	2282.3	2263.3	2237.9	2225.2	2219.9
170°	2282.3	2282.3	2282.3	2282.3	2282.3	2282.3	2282.3	2263.3	2237.9	2225.2	2224.9
172.5°	2270.3	2269.1	2264.5	2259.8	2264.5	2269.1	2270.3	2255.3	2235.2	2225.2	2225.2
175°	2253.8	2253.8	2253.8	2253.8	2253.8	2253.8	2253.8	2244.2	2231.5	2225.2	2228.2
177.5°	2250.7	2249.4	2244.1	2238.8	2244.1	2249.4	2250.7	2243.3	2233.2	2228.2	2230.6
180°	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8	2238.8

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1707.7	1707.7	1707.7	1707.7	1707.7
2.5°	1686.7	1694.7	1699.6	1706.1	1722.2
5°	1622.1	1652.7	1662.5	1686.7	1715.8
7.5°	1479.9	1573.6	1599.4	1657.6	1702.8
10°	1342.5	1436.2	1481.5	1618.8	1686.7
12.5°	1273.1	1328.0	1358.8	1551.0	1664.1
15°	1229.5	1268.3	1290.9	1460.5	1638.2
17.5°	1195.5	1223.0	1239.2	1371.7	1602.7
20°	1174.5	1187.5	1202.0	1307.0	1562.3
22.5°	1160.0	1151.9	1163.2	1261.8	1507.4
25°	1150.3	1119.6	1132.6	1226.3	1442.8
27.5°	1158.4	1090.6	1095.4	1193.9	1374.9
30°	1160.0	1055.0	1056.6	1160.0	1298.9
32.5°	1148.7	1017.8	1019.4	1118.0	1213.3
35°	1121.2	974.2	972.6	1069.5	1097.0
37.5°	1084.0	927.4	927.4	1016.2	969.4
40°	1038.8	880.5	885.4	946.7	856.2
42.5°	983.9	830.4	836.9	854.6	772.2
45°	924.1	782.0	786.8	722.1	707.6
47.5°	857.8	731.9	733.5	599.4	686.6
50°	778.7	680.1	673.7	513.8	685.0
52.5°	709.2	623.6	604.3	465.3	622.0
55°	641.4	563.9	521.9	428.2	576.8
57.5°	581.6	486.3	445.9	384.5	567.1
60°	526.7	410.3	379.7	337.7	520.3
62.5°	481.5	353.8	347.4	305.4	471.8
65°	433.0	315.0	313.4	277.9	400.7
67.5°	386.2	289.2	287.6	252.1	305.4
70°	336.1	261.7	258.5	224.6	226.2
72.5°	284.3	231.0	227.8	202.0	187.4
75°	232.6	195.5	193.8	176.1	151.8
77.5°	182.6	155.1	158.4	142.2	111.5
80°	130.9	113.1	116.4	101.8	84.0
82.5°	87.2	74.4	77.6	64.6	56.5
85°	48.5	42.0	43.6	34.0	25.9
87.5°	22.6	19.4	19.4	12.9	8.1
90°	66.1	42.1	39.1	27.1	15.0
92.5°	407.7	290.0	264.4	162.2	60.1
95°	1003.2	564.9	518.2	331.2	144.2
97.5°	1351.3	620.6	579.3	414.3	249.4
100°	1478.0	667.1	629.7	480.1	330.5
102.5°	1536.1	713.7	678.8	539.2	399.7
105°	1579.2	782.8	753.3	635.1	516.9
107.5°	1587.1	885.0	857.4	747.3	637.1
110°	1575.2	942.1	917.2	817.7	718.2

TEST NUMBER: P935849

CATALOG NUMBER: SQ4-FA-150U-050D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1575.6	1011.2	987.5	892.7	797.9
115°	1590.2	1114.9	1093.0	1005.5	918.1
117.5°	1619.7	1215.5	1195.7	1116.2	1036.8
120°	1643.7	1274.1	1255.4	1180.7	1105.8
122.5°	1678.4	1343.3	1324.4	1248.9	1173.4
125°	1724.9	1431.9	1414.7	1345.9	1277.2
127.5°	1771.4	1517.5	1500.2	1430.7	1361.2
130°	1805.5	1574.6	1555.9	1481.1	1406.4
132.5°	1833.0	1621.2	1602.5	1527.7	1452.9
135°	1863.1	1675.3	1658.3	1590.1	1522.0
137.5°	1908.2	1744.4	1727.6	1660.1	1592.7
140°	1935.7	1791.0	1775.5	1713.4	1651.3
142.5°	1958.8	1825.5	1811.2	1753.8	1696.3
145°	1988.8	1878.1	1865.6	1815.6	1765.5
147.5°	2032.9	1944.2	1932.0	1883.3	1834.5
150°	2055.9	1978.8	1967.8	1923.7	1879.7
152.5°	2070.9	2001.3	1993.0	1959.6	1926.2
155°	2104.0	2050.9	2044.8	2020.1	1995.4
157.5°	2137.0	2100.5	2094.5	2070.5	2046.4
160°	2152.1	2123.1	2118.4	2099.7	2081.0
162.5°	2168.1	2147.1	2143.5	2129.6	2115.5
165°	2191.1	2181.7	2178.5	2165.8	2153.1
167.5°	2209.2	2201.2	2199.7	2193.7	2187.7
170°	2224.2	2223.7	2222.2	2216.2	2210.2
172.5°	2225.2	2225.2	2224.9	2223.5	2222.2
175°	2234.3	2238.8	2238.8	2238.8	2238.8
177.5°	2235.2	2238.8	2238.8	2238.8	2238.8
180°	2238.8	2238.8	2238.8	2238.8	2238.8

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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	7.38	8.05	8.54	9.19	10.80	10.24	10.90	11.39	12.04	13.65
	3H	7.85	8.44	9.01	9.59	11.21	11.57	12.17	12.74	13.32	14.94
	4H	8.03	8.59	9.20	9.74	11.37	12.01	12.58	13.18	13.73	15.35
	6H	8.14	8.66	9.32	9.81	11.45	12.29	12.81	13.47	13.96	15.60
	8H	8.13	8.63	9.31	9.79	11.42	12.36	12.86	13.55	14.03	15.65
	12H	8.10	8.56	9.28	9.73	11.38	12.40	12.87	13.58	14.03	15.68
4H	2H	8.40	8.96	9.58	10.11	11.74	10.62	11.18	11.80	12.34	13.96
	3H	9.41	9.88	10.59	11.05	12.69	12.11	12.58	13.30	13.76	15.40
	4H	9.67	10.11	10.86	11.27	12.93	12.64	13.07	13.82	14.24	15.89
	6H	9.79	10.16	10.98	11.35	12.99	13.00	13.37	14.19	14.55	16.20
	8H	9.79	10.13	10.98	11.31	12.98	13.10	13.45	14.29	14.63	16.29
	12H	9.75	10.06	10.95	11.25	12.92	13.15	13.47	14.36	14.66	16.32
8H	4H	10.11	10.46	11.30	11.64	13.30	12.74	13.09	13.93	14.27	15.93
	6H	10.37	10.65	11.58	11.87	13.53	13.18	13.46	14.39	14.69	16.34
	8H	10.41	10.66	11.62	11.85	13.53	13.33	13.58	14.55	14.78	16.46
	12H	10.38	10.60	11.60	11.80	13.51	13.43	13.64	14.64	14.84	16.55
12H	4H	10.11	10.43	11.32	11.62	13.28	12.70	13.01	13.90	14.20	15.87
	6H	10.43	10.68	11.64	11.87	13.55	13.17	13.42	14.39	14.62	16.30
	8H	10.49	10.70	11.70	11.90	13.61	13.33	13.55	14.55	14.74	16.45

END OF REPORT