

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: P935976

Luminaire Tested: SQ4-FA-150U-075D-940-1D-UNV-STD-W-8

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935976
REPORT IS A COMBINATION OF REPORTS P933776 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-075D-940-1D-UNV-STD-W-8
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

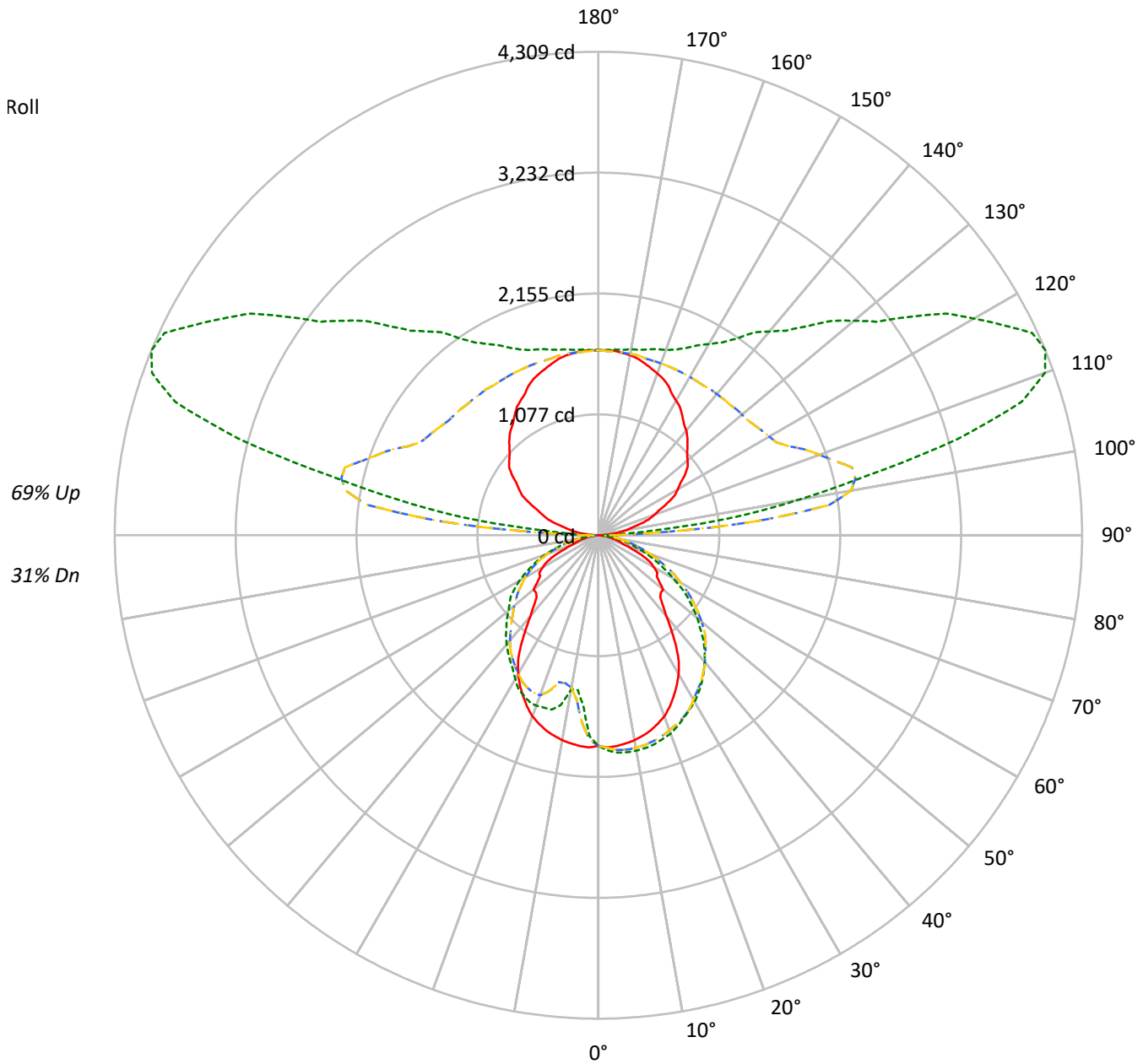
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15572.9 lumens
Efficiency: N/A
Efficacy: 122.4 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: Semi-Indirect

Input Watts (W): 127.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				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°	8709	8709	8709	8709
5°	8774	8791	8774	6913
10°	8716	8660	8716	6191
15°	8621	8473	8621	7075
20°	8441	8250	8441	7090
25°	8072	7926	8072	6939
30°	7594	7657	7594	6609
35°	6770	7316	6770	6247
40°	5642	6916	5642	5973
45°	5041	6447	5041	5658
50°	5355	5887	5355	5342
55°	5038	5284	5038	5159
60°	5194	4488	5194	4725
65°	4709	3710	4709	4147
70°	3260	2957	3260	3477
75°	2859	2185	2859	2617
80°	2305	1445	2305	1573
85°	1323	765	1323	651

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7725 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	169.4	1.1
10°-20°	481.1	3.1
20°-30°	743.7	4.8
30°-40°	887.8	5.7
40°-50°	893.0	5.7
50°-60°	777.1	5.0
60°-70°	551.0	3.5
70°-80°	291.5	1.9
80°-90°	78.9	0.5
90°-100°	804.5	5.2
100°-110°	2115.2	13.6
110°-120°	2193.2	14.1
120°-130°	1759.2	11.3
130°-140°	1380.3	8.9
140°-150°	1059.5	6.8
150°-160°	763.0	4.9
160°-170°	466.8	3.0
170°-180°	157.7	1.0
0°-30°	1394.2	9.0
0°-40°	2282.0	14.7
0°-60°	3952.1	25.4
0°-90°	4873.5	31.3
90°-120°	5112.9	32.8
90°-150°	9311.9	59.8
90°-180°	10699.0	68.7
0°-180°	15572.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1877	1877	1877	1877	1877	
5°	1886	1945	1886	1529	1886	179
15°	1801	1927	1801	1609	1801	507
25°	1586	1797	1586	1573	1586	728
35°	1206	1604	1206	1369	1206	746
45°	778	1321	778	1160	778	623
55°	634	975	634	952	634	583
65°	440	588	440	657	440	421
75°	167	279	167	334	167	175
85°	28	71	28	60	28	38
90°	11	42	11	42	11	10
95°	106	486	106	486	106	118
105°	381	3312	381	3312	381	404
115°	677	4265	677	4265	677	668
125°	942	3396	942	3396	942	836
135°	1122	2635	1122	2635	1122	868
145°	1302	2138	1302	2138	1302	815
155°	1471	1841	1471	1841	1471	676
165°	1587	1715	1587	1715	1587	448
175°	1650	1662	1650	1662	1650	157
180°	1650	1650	1650	1650	1650	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1
2.5°	1893.1	1893.1	1903.8	1907.3	1907.3	1902.0	1896.7	1902.0	1918.0	1923.3	1921.5
5°	1886.0	1900.2	1919.8	1923.3	1926.9	1925.1	1921.5	1925.1	1942.9	1946.4	1948.2
7.5°	1871.8	1898.5	1923.3	1928.6	1934.0	1928.6	1926.9	1930.4	1948.2	1951.7	1951.7
10°	1854.1	1891.4	1919.8	1923.3	1928.6	1923.3	1923.3	1930.4	1948.2	1951.7	1953.5
12.5°	1829.2	1880.7	1907.3	1910.9	1918.0	1916.2	1914.4	1921.5	1939.3	1942.9	1942.9
15°	1800.8	1861.2	1886.0	1889.6	1902.0	1898.5	1898.5	1905.6	1925.1	1930.4	1928.6
17.5°	1761.7	1836.3	1864.7	1870.0	1878.9	1877.1	1878.9	1886.0	1903.8	1907.3	1909.1
20°	1717.3	1802.6	1836.3	1841.6	1850.5	1850.5	1850.5	1859.4	1877.1	1884.2	1884.2
22.5°	1656.9	1767.0	1802.6	1806.1	1816.8	1816.8	1820.3	1832.7	1848.7	1850.5	1850.5
25°	1585.9	1728.0	1758.2	1768.8	1779.5	1784.8	1790.1	1797.2	1802.6	1800.8	1802.6
27.5°	1511.3	1678.2	1717.3	1724.4	1738.6	1743.9	1751.0	1752.8	1754.6	1759.9	1756.4
30°	1427.8	1609.0	1667.6	1674.7	1697.8	1701.3	1694.2	1697.8	1706.6	1710.2	1713.8
32.5°	1333.7	1506.0	1616.1	1632.1	1653.4	1642.7	1640.9	1646.3	1660.5	1660.5	1664.0
35°	1205.8	1426.0	1568.1	1582.3	1598.3	1585.9	1593.0	1594.8	1603.6	1609.0	1607.2
37.5°	1065.5	1356.8	1518.4	1529.0	1541.5	1525.5	1536.2	1541.5	1548.6	1545.0	1545.0
40°	941.3	1248.4	1459.8	1466.9	1477.5	1465.1	1475.8	1479.3	1482.9	1479.3	1477.5
42.5°	848.9	1129.4	1397.6	1406.5	1399.4	1408.3	1411.8	1418.9	1413.6	1406.5	1406.5
45°	777.9	1097.5	1330.1	1340.8	1330.1	1344.3	1349.7	1349.7	1333.7	1330.1	1328.4
47.5°	754.8	1033.6	1262.6	1262.6	1257.3	1275.1	1284.0	1271.5	1255.5	1250.2	1250.2
50°	753.0	962.6	1170.3	1163.2	1188.1	1209.4	1200.5	1188.1	1175.6	1156.1	1156.1
52.5°	683.8	875.6	1051.4	1077.9	1117.0	1129.4	1115.2	1102.8	1081.5	1072.6	1065.5
55°	634.0	785.0	943.1	996.3	1037.2	1053.2	1026.5	1014.1	982.1	976.8	973.2
57.5°	623.4	653.6	843.6	911.1	960.8	959.0	943.1	920.0	893.3	888.0	886.2
60°	571.9	472.4	737.0	817.0	868.5	863.1	848.9	827.6	802.8	799.2	795.6
62.5°	518.6	342.8	616.3	706.8	779.7	777.9	765.5	733.5	715.7	706.8	699.7
65°	440.4	287.7	438.7	587.9	692.6	696.2	669.6	646.5	626.9	616.3	614.5
67.5°	335.7	234.4	296.6	490.2	609.2	605.6	571.9	561.2	536.4	531.0	520.4
70°	248.6	156.3	206.0	397.8	527.5	518.6	492.0	479.5	456.4	444.0	436.9
72.5°	206.0	126.1	151.0	309.0	444.0	433.3	410.3	396.0	376.5	365.9	358.8
75°	166.9	133.2	115.4	229.1	360.5	353.4	332.1	317.9	301.9	287.7	289.5
77.5°	122.5	124.3	92.4	168.7	285.9	275.3	262.8	245.1	238.0	223.8	223.8
80°	92.4	97.7	69.3	115.4	206.0	206.0	195.4	182.9	170.5	163.4	163.4
82.5°	62.2	62.2	51.5	72.8	140.3	135.0	127.9	124.3	117.2	113.7	113.7
85°	28.4	35.5	32.0	44.4	76.4	79.9	79.9	76.4	74.6	71.0	72.8
87.5°	8.9	16.0	19.5	24.9	39.1	40.8	42.6	42.6	42.6	44.4	44.4
90°	11.1	20.0	28.8	31.0	48.8	72.4	84.2	74.9	56.1	42.1	42.1
92.5°	44.3	119.6	195.0	213.8	300.6	416.3	474.1	415.5	298.4	210.5	202.1
95°	106.4	244.2	382.0	416.5	739.5	1170.3	1385.7	1236.5	938.3	714.5	689.1
97.5°	183.9	305.5	427.1	457.5	996.2	1714.6	2073.7	1979.4	1790.8	1649.4	1601.2
100°	243.7	354.0	464.2	491.9	1089.7	1886.6	2285.2	2292.1	2305.9	2316.2	2258.7
102.5°	294.6	397.6	500.4	526.1	1132.5	1940.8	2345.0	2465.2	2705.4	2885.6	2836.4
105°	381.0	468.2	555.4	577.1	1164.2	1946.9	2338.4	2607.7	3146.3	3550.2	3523.8
107.5°	469.7	550.9	632.1	652.4	1170.1	1860.4	2205.4	2581.1	3332.4	3895.8	3902.2
110°	529.5	602.9	676.2	694.5	1161.2	1783.5	2094.7	2514.6	3354.5	3984.5	4012.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	588.2	658.1	728.0	745.5	1161.6	1716.4	1993.8	2423.6	3283.2	3927.9	3970.2
115°	676.8	741.3	805.8	821.9	1172.3	1639.5	1873.1	2287.1	3115.2	3736.3	3795.0
117.5°	764.3	822.9	881.5	896.2	1194.1	1591.4	1790.0	2163.7	2911.0	3471.5	3536.6
120°	815.3	870.4	925.6	939.3	1211.9	1575.1	1756.8	2098.3	2781.1	3293.2	3356.5
122.5°	865.1	920.8	976.4	990.3	1237.3	1566.7	1731.3	2038.8	2653.7	3114.8	3177.3
125°	941.5	992.3	1043.0	1055.7	1271.6	1559.6	1703.6	1964.8	2487.1	2878.9	2936.3
127.5°	1003.6	1054.8	1106.0	1118.8	1306.0	1555.6	1680.4	1904.6	2353.1	2689.5	2738.0
130°	1036.8	1092.0	1147.1	1160.9	1331.1	1558.0	1671.5	1871.1	2270.4	2569.9	2614.7
132.5°	1071.2	1126.3	1181.5	1195.2	1351.4	1559.7	1663.8	1842.4	2199.8	2467.9	2508.1
135°	1122.1	1172.3	1222.6	1235.1	1373.6	1558.2	1650.4	1800.2	2099.5	2324.0	2358.5
137.5°	1174.2	1223.9	1273.6	1286.0	1406.8	1567.8	1648.3	1774.8	2027.8	2217.6	2245.9
140°	1217.4	1263.2	1308.9	1320.4	1427.1	1569.4	1640.5	1749.8	1968.4	2132.4	2158.8
142.5°	1250.6	1292.9	1335.3	1345.9	1444.1	1575.0	1640.5	1736.5	1928.5	2072.5	2095.2
145°	1301.5	1338.5	1375.4	1384.7	1466.3	1575.0	1629.4	1707.9	1865.0	1982.8	2000.0
147.5°	1352.5	1388.5	1424.4	1433.4	1498.8	1585.9	1629.4	1691.2	1814.7	1907.4	1921.7
150°	1385.7	1418.2	1450.7	1458.8	1515.6	1591.5	1629.4	1681.6	1785.9	1864.3	1875.8
152.5°	1420.1	1444.7	1469.4	1475.5	1526.8	1595.2	1629.4	1674.0	1763.0	1829.9	1838.6
155°	1471.1	1489.3	1507.5	1512.0	1551.2	1603.3	1629.4	1664.8	1735.8	1789.0	1794.7
157.5°	1508.7	1526.5	1544.1	1548.6	1575.5	1611.5	1629.4	1657.0	1712.2	1753.5	1757.6
160°	1534.2	1548.0	1561.7	1565.2	1586.6	1615.1	1629.4	1653.0	1700.3	1735.8	1738.1
162.5°	1559.7	1570.0	1580.4	1582.9	1598.4	1619.1	1629.4	1649.4	1689.2	1719.2	1721.4
165°	1587.3	1596.6	1606.0	1608.3	1615.4	1624.7	1629.4	1643.7	1672.3	1693.7	1696.0
167.5°	1612.8	1617.2	1621.7	1622.8	1628.7	1636.6	1640.5	1649.8	1668.6	1682.6	1683.6
170°	1629.4	1633.8	1638.3	1639.4	1639.8	1640.2	1640.5	1649.8	1668.6	1682.6	1682.6
172.5°	1638.3	1639.2	1640.2	1640.5	1640.5	1640.5	1640.5	1647.9	1662.6	1673.7	1672.8
175°	1650.4	1650.4	1650.4	1650.4	1647.2	1642.7	1640.5	1645.2	1654.5	1661.5	1661.5
177.5°	1650.4	1650.4	1650.4	1650.4	1647.9	1644.4	1642.7	1646.4	1653.8	1659.3	1658.3
180°	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1
2.5°	1925.1	1919.8	1925.1	1921.5	1923.3	1918.0	1902.0	1896.7	1902.0	1907.3	1907.3
5°	1948.2	1944.6	1948.2	1948.2	1946.4	1942.9	1925.1	1921.5	1925.1	1926.9	1923.3
7.5°	1955.3	1950.0	1955.3	1951.7	1951.7	1948.2	1930.4	1926.9	1928.6	1934.0	1928.6
10°	1955.3	1950.0	1955.3	1953.5	1951.7	1948.2	1930.4	1923.3	1923.3	1928.6	1923.3
12.5°	1946.4	1942.9	1946.4	1942.9	1942.9	1939.3	1921.5	1914.4	1916.2	1918.0	1910.9
15°	1932.2	1926.9	1932.2	1928.6	1930.4	1925.1	1905.6	1898.5	1898.5	1902.0	1889.6
17.5°	1910.9	1903.8	1910.9	1909.1	1907.3	1903.8	1886.0	1878.9	1877.1	1878.9	1870.0
20°	1886.0	1880.7	1886.0	1884.2	1884.2	1877.1	1859.4	1850.5	1850.5	1850.5	1841.6
22.5°	1847.0	1841.6	1847.0	1850.5	1850.5	1848.7	1832.7	1820.3	1816.8	1816.8	1806.1
25°	1802.6	1797.2	1802.6	1802.6	1800.8	1802.6	1797.2	1790.1	1784.8	1779.5	1768.8
27.5°	1759.9	1756.4	1759.9	1756.4	1759.9	1754.6	1752.8	1751.0	1743.9	1738.6	1724.4
30°	1717.3	1713.8	1717.3	1713.8	1710.2	1706.6	1697.8	1694.2	1701.3	1697.8	1674.7
32.5°	1664.0	1660.5	1664.0	1664.0	1660.5	1660.5	1646.3	1640.9	1642.7	1653.4	1632.1
35°	1609.0	1603.6	1609.0	1607.2	1609.0	1603.6	1594.8	1593.0	1585.9	1598.3	1582.3
37.5°	1545.0	1539.7	1545.0	1545.0	1545.0	1548.6	1541.5	1536.2	1525.5	1541.5	1529.0
40°	1479.3	1472.2	1479.3	1477.5	1479.3	1482.9	1479.3	1475.8	1465.1	1477.5	1466.9
42.5°	1404.7	1403.0	1404.7	1406.5	1406.5	1413.6	1418.9	1411.8	1408.3	1399.4	1406.5
45°	1324.8	1321.3	1324.8	1328.4	1330.1	1333.7	1349.7	1349.7	1344.3	1330.1	1340.8
47.5°	1239.6	1230.7	1239.6	1250.2	1250.2	1255.5	1271.5	1284.0	1275.1	1257.3	1262.6
50°	1149.0	1150.8	1149.0	1156.1	1156.1	1175.6	1188.1	1200.5	1209.4	1188.1	1163.2
52.5°	1060.2	1058.5	1060.2	1065.5	1072.6	1081.5	1102.8	1115.2	1129.4	1117.0	1077.9
55°	971.5	975.0	971.5	973.2	976.8	982.1	1014.1	1026.5	1053.2	1037.2	996.3
57.5°	882.7	877.3	882.7	886.2	888.0	893.3	920.0	943.1	959.0	960.8	911.1
60°	779.7	772.6	779.7	795.6	799.2	802.8	827.6	848.9	863.1	868.5	817.0
62.5°	689.1	676.7	689.1	699.7	706.8	715.7	733.5	765.5	777.9	779.7	706.8
65°	593.2	587.9	593.2	614.5	616.3	626.9	646.5	669.6	696.2	692.6	587.9
67.5°	506.2	506.2	506.2	520.4	531.0	536.4	561.2	571.9	605.6	609.2	490.2
70°	426.2	424.5	426.2	436.9	444.0	456.4	479.5	492.0	518.6	527.5	397.8
72.5°	349.9	348.1	349.9	358.8	365.9	376.5	396.0	410.3	433.3	444.0	309.0
75°	282.4	278.8	282.4	289.5	287.7	301.9	317.9	332.1	353.4	360.5	229.1
77.5°	216.7	216.7	216.7	223.8	223.8	238.0	245.1	262.8	275.3	285.9	168.7
80°	161.6	159.8	161.6	163.4	163.4	170.5	182.9	195.4	206.0	206.0	115.4
82.5°	113.7	110.1	113.7	113.7	113.7	117.2	124.3	127.9	135.0	140.3	72.8
85°	71.0	71.0	71.0	72.8	71.0	74.6	76.4	79.9	79.9	76.4	44.4
87.5°	46.2	44.4	46.2	44.4	44.4	42.6	42.6	42.6	40.8	39.1	24.9
90°	42.1	42.1	42.1	42.1	42.1	56.1	74.9	84.2	72.4	48.8	31.0
92.5°	168.6	135.2	168.6	202.1	210.5	298.4	415.5	474.1	416.3	300.6	213.8
95°	587.7	486.3	587.7	689.1	714.5	938.3	1236.5	1385.7	1170.3	739.5	416.5
97.5°	1408.1	1215.1	1408.1	1601.2	1649.4	1790.8	1979.4	2073.7	1714.6	996.2	457.5
100°	2028.8	1798.9	2028.8	2258.7	2316.2	2305.9	2292.1	2285.2	1886.6	1089.7	491.9
102.5°	2639.4	2442.5	2639.4	2836.4	2885.6	2705.4	2465.2	2345.0	1940.8	1132.5	526.1
105°	3417.9	3312.1	3417.9	3523.8	3550.2	3146.3	2607.7	2338.4	1946.9	1164.2	577.1
107.5°	3927.8	3953.4	3927.8	3902.2	3895.8	3332.4	2581.1	2205.4	1860.4	1170.1	652.4
110°	4122.3	4232.6	4122.3	4012.0	3984.5	3354.5	2514.6	2094.7	1783.5	1161.2	694.5



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	4139.6	4308.9	4139.6	3970.2	3927.9	3283.2	2423.6	1993.8	1716.4	1161.6	745.5
115°	4029.8	4264.6	4029.8	3795.0	3736.3	3115.2	2287.1	1873.1	1639.5	1172.3	821.9
117.5°	3797.1	4057.5	3797.1	3536.6	3471.5	2911.0	2163.7	1790.0	1591.4	1194.1	896.2
120°	3609.5	3862.5	3609.5	3356.5	3293.2	2781.1	2098.3	1756.8	1575.1	1211.9	939.3
122.5°	3426.9	3676.5	3426.9	3177.3	3114.8	2653.7	2038.8	1731.3	1566.7	1237.3	990.3
125°	3166.3	3396.2	3166.3	2936.3	2878.9	2487.1	1964.8	1703.6	1559.6	1271.6	1055.7
127.5°	2932.0	3125.9	2932.0	2738.0	2689.5	2353.1	1904.6	1680.4	1555.6	1306.0	1118.8
130°	2793.9	2973.1	2793.9	2614.7	2569.9	2270.4	1871.1	1671.5	1558.0	1331.1	1160.9
132.5°	2668.5	2829.1	2668.5	2508.1	2467.9	2199.8	1842.4	1663.8	1559.7	1351.4	1195.2
135°	2496.9	2635.2	2496.9	2358.5	2324.0	2099.5	1800.2	1650.4	1558.2	1373.6	1235.1
137.5°	2359.1	2472.4	2359.1	2245.9	2217.6	2027.8	1774.8	1648.3	1567.8	1406.8	1286.0
140°	2264.7	2370.5	2264.7	2158.8	2132.4	1968.4	1749.8	1640.5	1569.4	1427.1	1320.4
142.5°	2186.3	2277.5	2186.3	2095.2	2072.5	1928.5	1736.5	1640.5	1575.0	1444.1	1345.9
145°	2069.0	2137.9	2069.0	2000.0	1982.8	1865.0	1707.9	1629.4	1575.0	1466.3	1384.7
147.5°	1978.8	2035.9	1978.8	1921.7	1907.4	1814.7	1691.2	1629.4	1585.9	1498.8	1433.4
150°	1922.2	1968.4	1922.2	1875.8	1864.3	1785.9	1681.6	1629.4	1591.5	1515.6	1458.8
152.5°	1873.6	1908.6	1873.6	1838.6	1829.9	1763.0	1674.0	1629.4	1595.2	1526.8	1475.5
155°	1817.9	1841.0	1817.9	1794.7	1789.0	1735.8	1664.8	1629.4	1603.3	1551.2	1512.0
157.5°	1773.8	1790.0	1773.8	1757.6	1753.5	1712.2	1657.0	1629.4	1611.5	1575.5	1548.6
160°	1747.5	1756.8	1747.5	1738.1	1735.8	1700.3	1653.0	1629.4	1615.1	1586.6	1565.2
162.5°	1730.2	1739.1	1730.2	1721.4	1719.2	1689.2	1649.4	1629.4	1619.1	1598.4	1582.9
165°	1705.4	1714.7	1705.4	1696.0	1693.7	1672.3	1643.7	1629.4	1624.7	1615.4	1608.3
167.5°	1687.6	1691.5	1687.6	1683.6	1682.6	1668.6	1649.8	1640.5	1636.6	1628.7	1622.8
170°	1682.6	1682.6	1682.6	1682.6	1682.6	1668.6	1649.8	1640.5	1640.2	1639.8	1639.4
172.5°	1669.4	1666.0	1669.4	1672.8	1673.7	1662.6	1647.9	1640.5	1640.5	1640.5	1640.5
175°	1661.5	1661.5	1661.5	1661.5	1661.5	1654.5	1645.2	1640.5	1642.7	1647.2	1650.4
177.5°	1654.3	1650.4	1654.3	1658.3	1659.3	1653.8	1646.4	1642.7	1644.4	1647.9	1650.4
180°	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1
2.5°	1903.8	1893.1	1893.1	1875.4	1868.3	1862.9	1854.1	1827.4	1820.3	1813.2	1823.9
5°	1919.8	1900.2	1886.0	1854.1	1827.4	1816.8	1783.0	1719.1	1676.5	1644.5	1626.7
7.5°	1923.3	1898.5	1871.8	1822.1	1758.2	1729.7	1626.7	1509.5	1477.5	1449.1	1431.4
10°	1919.8	1891.4	1854.1	1779.5	1628.5	1578.8	1475.8	1399.4	1379.9	1374.5	1379.9
12.5°	1907.3	1880.7	1829.2	1704.9	1493.5	1459.8	1399.4	1355.0	1351.4	1360.3	1408.3
15°	1886.0	1861.2	1800.8	1605.4	1418.9	1394.1	1351.4	1335.5	1355.0	1417.2	1561.0
17.5°	1864.7	1836.3	1761.7	1507.7	1362.1	1344.3	1314.2	1346.1	1456.2	1539.7	1587.7
20°	1836.3	1802.6	1717.3	1436.7	1321.3	1305.3	1291.1	1434.9	1518.4	1548.6	1575.2
22.5°	1802.6	1767.0	1656.9	1387.0	1278.6	1266.2	1275.1	1484.6	1518.4	1539.7	1562.8
25°	1758.2	1728.0	1585.9	1347.9	1244.9	1230.7	1264.4	1479.3	1498.9	1504.2	1550.4
27.5°	1717.3	1678.2	1511.3	1312.4	1204.0	1198.7	1273.3	1456.2	1470.4	1475.8	1525.5
30°	1667.6	1609.0	1427.8	1275.1	1161.4	1159.6	1275.1	1427.8	1424.3	1438.5	1488.2
32.5°	1616.1	1506.0	1333.7	1228.9	1120.6	1118.8	1262.6	1385.2	1381.6	1401.2	1438.5
35°	1568.1	1426.0	1205.8	1175.6	1069.1	1070.8	1232.5	1335.5	1337.2	1355.0	1378.1
37.5°	1518.4	1356.8	1065.5	1117.0	1019.4	1019.4	1191.6	1289.3	1285.7	1291.1	1323.0
40°	1459.8	1248.4	941.3	1040.7	973.2	967.9	1141.9	1239.6	1227.1	1225.4	1269.8
42.5°	1397.6	1129.4	848.9	939.5	920.0	912.9	1081.5	1179.2	1156.1	1161.4	1218.2
45°	1330.1	1097.5	777.9	793.9	864.9	859.6	1015.9	1109.9	1093.9	1108.1	1166.7
47.5°	1262.6	1033.6	754.8	658.9	806.3	804.5	943.1	1042.5	1033.6	1047.8	1109.9
50°	1170.3	962.6	753.0	564.8	740.6	747.7	856.0	976.8	976.8	989.2	1054.9
52.5°	1051.4	875.6	683.8	511.5	664.2	685.5	779.7	920.0	923.5	936.0	994.6
55°	943.1	785.0	634.0	470.6	573.6	619.8	705.1	861.4	868.5	880.9	934.2
57.5°	843.6	653.6	623.4	422.7	490.2	534.6	639.4	804.5	808.1	818.7	870.2
60°	737.0	472.4	571.9	371.2	417.4	451.1	579.0	737.0	749.5	756.6	801.0
62.5°	616.3	342.8	518.6	335.7	381.8	388.9	529.2	673.1	689.1	694.4	721.1
65°	438.7	287.7	440.4	305.5	344.5	346.3	476.0	607.4	621.6	630.5	650.0
67.5°	296.6	234.4	335.7	277.1	316.1	317.9	424.5	531.0	550.6	557.7	570.1
70°	206.0	156.3	248.6	246.9	284.2	287.7	369.4	461.8	479.5	484.8	492.0
72.5°	151.0	126.1	206.0	222.0	250.4	254.0	312.6	383.6	401.4	406.7	410.3
75°	115.4	133.2	166.9	193.6	213.1	214.9	255.7	312.6	325.0	328.6	330.3
77.5°	92.4	124.3	122.5	156.3	174.0	170.5	200.7	241.5	252.2	252.2	252.2
80°	69.3	97.7	92.4	111.9	127.9	124.3	143.9	172.3	175.8	179.4	177.6
82.5°	51.5	62.2	62.2	71.0	85.2	81.7	95.9	111.9	111.9	111.9	115.4
85°	32.0	35.5	28.4	37.3	48.0	46.2	53.3	60.4	62.2	62.2	58.6
87.5°	19.5	16.0	8.9	14.2	21.3	21.3	24.9	26.6	24.9	24.9	24.9
90°	28.8	20.0	11.1	20.0	28.8	31.0	48.8	72.4	84.2	74.9	56.1
92.5°	195.0	119.6	44.3	119.6	195.0	213.8	300.6	416.3	474.1	415.5	298.4
95°	382.0	244.2	106.4	244.2	382.0	416.5	739.5	1170.3	1385.7	1236.5	938.3
97.5°	427.1	305.5	183.9	305.5	427.1	457.5	996.2	1714.6	2073.7	1979.4	1790.8
100°	464.2	354.0	243.7	354.0	464.2	491.9	1089.7	1886.6	2285.2	2292.1	2305.9
102.5°	500.4	397.6	294.6	397.6	500.4	526.1	1132.5	1940.8	2345.0	2465.2	2705.4
105°	555.4	468.2	381.0	468.2	555.4	577.1	1164.2	1946.9	2338.4	2607.7	3146.3
107.5°	632.1	550.9	469.7	550.9	632.1	652.4	1170.1	1860.4	2205.4	2581.1	3332.4
110°	676.2	602.9	529.5	602.9	676.2	694.5	1161.2	1783.5	2094.7	2514.6	3354.5



TEST NUMBER: P935976

CATALOG NUMBER: SQ4-FA-150U-075D-940-1D-UNV-STD-W-8

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	728.0	658.1	588.2	658.1	728.0	745.5	1161.6	1716.4	1993.8	2423.6	3283.2
115°	805.8	741.3	676.8	741.3	805.8	821.9	1172.3	1639.5	1873.1	2287.1	3115.2
117.5°	881.5	822.9	764.3	822.9	881.5	896.2	1194.1	1591.4	1790.0	2163.7	2911.0
120°	925.6	870.4	815.3	870.4	925.6	939.3	1211.9	1575.1	1756.8	2098.3	2781.1
122.5°	976.4	920.8	865.1	920.8	976.4	990.3	1237.3	1566.7	1731.3	2038.8	2653.7
125°	1043.0	992.3	941.5	992.3	1043.0	1055.7	1271.6	1559.6	1703.6	1964.8	2487.1
127.5°	1106.0	1054.8	1003.6	1054.8	1106.0	1118.8	1306.0	1555.6	1680.4	1904.6	2353.1
130°	1147.1	1092.0	1036.8	1092.0	1147.1	1160.9	1331.1	1558.0	1671.5	1871.1	2270.4
132.5°	1181.5	1126.3	1071.2	1126.3	1181.5	1195.2	1351.4	1559.7	1663.8	1842.4	2199.8
135°	1222.6	1172.3	1122.1	1172.3	1222.6	1235.1	1373.6	1558.2	1650.4	1800.2	2099.5
137.5°	1273.6	1223.9	1174.2	1223.9	1273.6	1286.0	1406.8	1567.8	1648.3	1774.8	2027.8
140°	1308.9	1263.2	1217.4	1263.2	1308.9	1320.4	1427.1	1569.4	1640.5	1749.8	1968.4
142.5°	1335.3	1292.9	1250.6	1292.9	1335.3	1345.9	1444.1	1575.0	1640.5	1736.5	1928.5
145°	1375.4	1338.5	1301.5	1338.5	1375.4	1384.7	1466.3	1575.0	1629.4	1707.9	1865.0
147.5°	1424.4	1388.5	1352.5	1388.5	1424.4	1433.4	1498.8	1585.9	1629.4	1691.2	1814.7
150°	1450.7	1418.2	1385.7	1418.2	1450.7	1458.8	1515.6	1591.5	1629.4	1681.6	1785.9
152.5°	1469.4	1444.7	1420.1	1444.7	1469.4	1475.5	1526.8	1595.2	1629.4	1674.0	1763.0
155°	1507.5	1489.3	1471.1	1489.3	1507.5	1512.0	1551.2	1603.3	1629.4	1664.8	1735.8
157.5°	1544.1	1526.5	1508.7	1526.5	1544.1	1548.6	1575.5	1611.5	1629.4	1657.0	1712.2
160°	1561.7	1548.0	1534.2	1548.0	1561.7	1565.2	1586.6	1615.1	1629.4	1653.0	1700.3
162.5°	1580.4	1570.0	1559.7	1570.0	1580.4	1582.9	1598.4	1619.1	1629.4	1649.4	1689.2
165°	1606.0	1596.6	1587.3	1596.6	1606.0	1608.3	1615.4	1624.7	1629.4	1643.7	1672.3
167.5°	1621.7	1617.2	1612.8	1617.2	1621.7	1622.8	1628.7	1636.6	1640.5	1649.8	1668.6
170°	1638.3	1633.8	1629.4	1633.8	1638.3	1639.4	1639.8	1640.2	1640.5	1649.8	1668.6
172.5°	1640.2	1639.2	1638.3	1639.2	1640.2	1640.5	1640.5	1640.5	1640.5	1647.9	1662.6
175°	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1647.2	1642.7	1640.5	1645.2	1654.5
177.5°	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1647.9	1644.4	1642.7	1646.4	1653.8
180°	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4



TEST NUMBER: P935976
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1	1877.1
2.5°	1811.4	1806.1	1813.2	1793.7	1813.2	1806.1	1811.4	1823.9	1813.2	1820.3	1827.4
5°	1589.4	1580.6	1552.1	1529.0	1552.1	1580.6	1589.4	1626.7	1644.5	1676.5	1719.1
7.5°	1420.7	1413.6	1406.5	1392.3	1406.5	1413.6	1420.7	1431.4	1449.1	1477.5	1509.5
10°	1383.4	1385.2	1395.8	1394.1	1395.8	1385.2	1383.4	1379.9	1374.5	1379.9	1399.4
12.5°	1479.3	1495.3	1553.9	1550.4	1553.9	1495.3	1479.3	1408.3	1360.3	1351.4	1355.0
15°	1589.4	1594.8	1607.2	1609.0	1607.2	1594.8	1589.4	1561.0	1417.2	1355.0	1335.5
17.5°	1600.1	1601.9	1610.7	1610.7	1610.7	1601.9	1600.1	1587.7	1539.7	1456.2	1346.1
20°	1591.2	1594.8	1612.5	1616.1	1612.5	1594.8	1591.2	1575.2	1548.6	1518.4	1434.9
22.5°	1587.7	1594.8	1609.0	1607.2	1609.0	1594.8	1587.7	1562.8	1539.7	1518.4	1484.6
25°	1569.9	1569.9	1571.7	1573.4	1571.7	1569.9	1569.9	1550.4	1504.2	1498.9	1479.3
27.5°	1532.6	1536.2	1546.8	1545.0	1546.8	1536.2	1532.6	1525.5	1475.8	1470.4	1456.2
30°	1498.9	1495.3	1486.4	1479.3	1486.4	1495.3	1498.9	1488.2	1438.5	1424.3	1427.8
32.5°	1442.0	1433.1	1424.3	1418.9	1424.3	1433.1	1442.0	1438.5	1401.2	1381.6	1385.2
35°	1374.5	1376.3	1374.5	1369.2	1374.5	1376.3	1374.5	1378.1	1355.0	1337.2	1335.5
37.5°	1326.6	1330.1	1328.4	1321.3	1328.4	1330.1	1326.6	1323.0	1291.1	1285.7	1289.3
40°	1276.9	1278.6	1276.9	1271.5	1276.9	1278.6	1276.9	1269.8	1225.4	1227.1	1239.6
42.5°	1228.9	1227.1	1221.8	1218.2	1221.8	1227.1	1228.9	1218.2	1161.4	1156.1	1179.2
45°	1173.8	1175.6	1165.0	1159.6	1165.0	1175.6	1173.8	1166.7	1108.1	1093.9	1109.9
47.5°	1118.8	1118.8	1109.9	1104.6	1109.9	1118.8	1118.8	1109.9	1047.8	1033.6	1042.5
50°	1060.2	1058.5	1046.1	1044.3	1046.1	1058.5	1060.2	1054.9	989.2	976.8	976.8
52.5°	992.8	992.8	994.6	998.1	994.6	992.8	992.8	994.6	936.0	923.5	920.0
55°	934.2	936.0	948.4	951.9	948.4	936.0	934.2	934.2	880.9	868.5	861.4
57.5°	873.8	873.8	882.7	882.7	882.7	873.8	873.8	870.2	818.7	808.1	804.5
60°	804.5	808.1	815.2	813.4	815.2	808.1	804.5	801.0	756.6	749.5	737.0
62.5°	731.7	735.3	737.0	733.5	737.0	735.3	731.7	721.1	694.4	689.1	673.1
65°	655.3	658.9	660.7	657.1	660.7	658.9	655.3	650.0	630.5	621.6	607.4
67.5°	577.2	575.4	573.6	580.8	573.6	575.4	577.2	570.1	557.7	550.6	531.0
70°	497.3	497.3	495.5	499.1	495.5	497.3	497.3	492.0	484.8	479.5	461.8
72.5°	412.0	410.3	417.4	412.0	417.4	410.3	412.0	410.3	406.7	401.4	383.6
75°	328.6	332.1	328.6	333.9	328.6	332.1	328.6	330.3	328.6	325.0	312.6
77.5°	250.4	254.0	250.4	250.4	250.4	254.0	250.4	252.2	252.2	252.2	241.5
80°	177.6	175.8	175.8	174.0	175.8	175.8	177.6	177.6	179.4	175.8	172.3
82.5°	113.7	111.9	111.9	115.4	111.9	111.9	113.7	115.4	111.9	111.9	111.9
85°	62.2	63.9	60.4	60.4	60.4	63.9	62.2	58.6	62.2	62.2	60.4
87.5°	23.1	21.3	21.3	21.3	21.3	21.3	23.1	24.9	24.9	24.9	26.6
90°	42.1	42.1	42.1	42.1	42.1	42.1	42.1	56.1	74.9	84.2	72.4
92.5°	210.5	202.1	168.6	135.2	168.6	202.1	210.5	298.4	415.5	474.1	416.3
95°	714.5	689.1	587.7	486.3	587.7	689.1	714.5	938.3	1236.5	1385.7	1170.3
97.5°	1649.4	1601.2	1408.1	1215.1	1408.1	1601.2	1649.4	1790.8	1979.4	2073.7	1714.6
100°	2316.2	2258.7	2028.8	1798.9	2028.8	2258.7	2316.2	2305.9	2292.1	2285.2	1886.6
102.5°	2885.6	2836.4	2639.4	2442.5	2639.4	2836.4	2885.6	2705.4	2465.2	2345.0	1940.8
105°	3550.2	3523.8	3417.9	3312.1	3417.9	3523.8	3550.2	3146.3	2607.7	2338.4	1946.9
107.5°	3895.8	3902.2	3927.8	3953.4	3927.8	3902.2	3895.8	3332.4	2581.1	2205.4	1860.4
110°	3984.5	4012.0	4122.3	4232.6	4122.3	4012.0	3984.5	3354.5	2514.6	2094.7	1783.5



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3927.9	3970.2	4139.6	4308.9	4139.6	3970.2	3927.9	3283.2	2423.6	1993.8	1716.4
115°	3736.3	3795.0	4029.8	4264.6	4029.8	3795.0	3736.3	3115.2	2287.1	1873.1	1639.5
117.5°	3471.5	3536.6	3797.1	4057.5	3797.1	3536.6	3471.5	2911.0	2163.7	1790.0	1591.4
120°	3293.2	3356.5	3609.5	3862.5	3609.5	3356.5	3293.2	2781.1	2098.3	1756.8	1575.1
122.5°	3114.8	3177.3	3426.9	3676.5	3426.9	3177.3	3114.8	2653.7	2038.8	1731.3	1566.7
125°	2878.9	2936.3	3166.3	3396.2	3166.3	2936.3	2878.9	2487.1	1964.8	1703.6	1559.6
127.5°	2689.5	2738.0	2932.0	3125.9	2932.0	2738.0	2689.5	2353.1	1904.6	1680.4	1555.6
130°	2569.9	2614.7	2793.9	2973.1	2793.9	2614.7	2569.9	2270.4	1871.1	1671.5	1558.0
132.5°	2467.9	2508.1	2668.5	2829.1	2668.5	2508.1	2467.9	2199.8	1842.4	1663.8	1559.7
135°	2324.0	2358.5	2496.9	2635.2	2496.9	2358.5	2324.0	2099.5	1800.2	1650.4	1558.2
137.5°	2217.6	2245.9	2359.1	2472.4	2359.1	2245.9	2217.6	2027.8	1774.8	1648.3	1567.8
140°	2132.4	2158.8	2264.7	2370.5	2264.7	2158.8	2132.4	1968.4	1749.8	1640.5	1569.4
142.5°	2072.5	2095.2	2186.3	2277.5	2186.3	2095.2	2072.5	1928.5	1736.5	1640.5	1575.0
145°	1982.8	2000.0	2069.0	2137.9	2069.0	2000.0	1982.8	1865.0	1707.9	1629.4	1575.0
147.5°	1907.4	1921.7	1978.8	2035.9	1978.8	1921.7	1907.4	1814.7	1691.2	1629.4	1585.9
150°	1864.3	1875.8	1922.2	1968.4	1922.2	1875.8	1864.3	1785.9	1681.6	1629.4	1591.5
152.5°	1829.9	1838.6	1873.6	1908.6	1873.6	1838.6	1829.9	1763.0	1674.0	1629.4	1595.2
155°	1789.0	1794.7	1817.9	1841.0	1817.9	1794.7	1789.0	1735.8	1664.8	1629.4	1603.3
157.5°	1753.5	1757.6	1773.8	1790.0	1773.8	1757.6	1753.5	1712.2	1657.0	1629.4	1611.5
160°	1735.8	1738.1	1747.5	1756.8	1747.5	1738.1	1735.8	1700.3	1653.0	1629.4	1615.1
162.5°	1719.2	1721.4	1730.2	1739.1	1730.2	1721.4	1719.2	1689.2	1649.4	1629.4	1619.1
165°	1693.7	1696.0	1705.4	1714.7	1705.4	1696.0	1693.7	1672.3	1643.7	1629.4	1624.7
167.5°	1682.6	1683.6	1687.6	1691.5	1687.6	1683.6	1682.6	1668.6	1649.8	1640.5	1636.6
170°	1682.6	1682.6	1682.6	1682.6	1682.6	1682.6	1682.6	1668.6	1649.8	1640.5	1640.2
172.5°	1673.7	1672.8	1669.4	1666.0	1669.4	1672.8	1673.7	1662.6	1647.9	1640.5	1640.5
175°	1661.5	1661.5	1661.5	1661.5	1661.5	1661.5	1661.5	1654.5	1645.2	1640.5	1642.7
177.5°	1659.3	1658.3	1654.3	1650.4	1654.3	1658.3	1659.3	1653.8	1646.4	1642.7	1644.4
180°	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4	1650.4



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1877.1	1877.1	1877.1	1877.1	1877.1
2.5°	1854.1	1862.9	1868.3	1875.4	1893.1
5°	1783.0	1816.8	1827.4	1854.1	1886.0
7.5°	1626.7	1729.7	1758.2	1822.1	1871.8
10°	1475.8	1578.8	1628.5	1779.5	1854.1
12.5°	1399.4	1459.8	1493.5	1704.9	1829.2
15°	1351.4	1394.1	1418.9	1605.4	1800.8
17.5°	1314.2	1344.3	1362.1	1507.7	1761.7
20°	1291.1	1305.3	1321.3	1436.7	1717.3
22.5°	1275.1	1266.2	1278.6	1387.0	1656.9
25°	1264.4	1230.7	1244.9	1347.9	1585.9
27.5°	1273.3	1198.7	1204.0	1312.4	1511.3
30°	1275.1	1159.6	1161.4	1275.1	1427.8
32.5°	1262.6	1118.8	1120.6	1228.9	1333.7
35°	1232.5	1070.8	1069.1	1175.6	1205.8
37.5°	1191.6	1019.4	1019.4	1117.0	1065.5
40°	1141.9	967.9	973.2	1040.7	941.3
42.5°	1081.5	912.9	920.0	939.5	848.9
45°	1015.9	859.6	864.9	793.9	777.9
47.5°	943.1	804.5	806.3	658.9	754.8
50°	856.0	747.7	740.6	564.8	753.0
52.5°	779.7	685.5	664.2	511.5	683.8
55°	705.1	619.8	573.6	470.6	634.0
57.5°	639.4	534.6	490.2	422.7	623.4
60°	579.0	451.1	417.4	371.2	571.9
62.5°	529.2	388.9	381.8	335.7	518.6
65°	476.0	346.3	344.5	305.5	440.4
67.5°	424.5	317.9	316.1	277.1	335.7
70°	369.4	287.7	284.2	246.9	248.6
72.5°	312.6	254.0	250.4	222.0	206.0
75°	255.7	214.9	213.1	193.6	166.9
77.5°	200.7	170.5	174.0	156.3	122.5
80°	143.9	124.3	127.9	111.9	92.4
82.5°	95.9	81.7	85.2	71.0	62.2
85°	53.3	46.2	48.0	37.3	28.4
87.5°	24.9	21.3	21.3	14.2	8.9
90°	48.8	31.0	28.8	20.0	11.1
92.5°	300.6	213.8	195.0	119.6	44.3
95°	739.5	416.5	382.0	244.2	106.4
97.5°	996.2	457.5	427.1	305.5	183.9
100°	1089.7	491.9	464.2	354.0	243.7
102.5°	1132.5	526.1	500.4	397.6	294.6
105°	1164.2	577.1	555.4	468.2	381.0
107.5°	1170.1	652.4	632.1	550.9	469.7
110°	1161.2	694.5	676.2	602.9	529.5



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1161.6	745.5	728.0	658.1	588.2
115°	1172.3	821.9	805.8	741.3	676.8
117.5°	1194.1	896.2	881.5	822.9	764.3
120°	1211.9	939.3	925.6	870.4	815.3
122.5°	1237.3	990.3	976.4	920.8	865.1
125°	1271.6	1055.7	1043.0	992.3	941.5
127.5°	1306.0	1118.8	1106.0	1054.8	1003.6
130°	1331.1	1160.9	1147.1	1092.0	1036.8
132.5°	1351.4	1195.2	1181.5	1126.3	1071.2
135°	1373.6	1235.1	1222.6	1172.3	1122.1
137.5°	1406.8	1286.0	1273.6	1223.9	1174.2
140°	1427.1	1320.4	1308.9	1263.2	1217.4
142.5°	1444.1	1345.9	1335.3	1292.9	1250.6
145°	1466.3	1384.7	1375.4	1338.5	1301.5
147.5°	1498.8	1433.4	1424.4	1388.5	1352.5
150°	1515.6	1458.8	1450.7	1418.2	1385.7
152.5°	1526.8	1475.5	1469.4	1444.7	1420.1
155°	1551.2	1512.0	1507.5	1489.3	1471.1
157.5°	1575.5	1548.6	1544.1	1526.5	1508.7
160°	1586.6	1565.2	1561.7	1548.0	1534.2
162.5°	1598.4	1582.9	1580.4	1570.0	1559.7
165°	1615.4	1608.3	1606.0	1596.6	1587.3
167.5°	1628.7	1622.8	1621.7	1617.2	1612.8
170°	1639.8	1639.4	1638.3	1633.8	1629.4
172.5°	1640.5	1640.5	1640.2	1639.2	1638.3
175°	1647.2	1650.4	1650.4	1650.4	1650.4
177.5°	1647.9	1650.4	1650.4	1650.4	1650.4
180°	1650.4	1650.4	1650.4	1650.4	1650.4



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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	10.29	11.00	11.39	12.10	13.62	13.12	13.84	14.23	14.94	16.45
	3H	10.75	11.39	11.86	12.50	14.03	14.46	15.10	15.57	16.21	17.74
	4H	10.94	11.54	12.06	12.65	14.19	14.90	15.51	16.02	16.62	18.15
	6H	11.05	11.61	12.18	12.72	14.27	15.18	15.74	16.31	16.85	18.40
	8H	11.05	11.58	12.18	12.70	14.25	15.25	15.78	16.38	16.91	18.45
	12H	11.01	11.52	12.15	12.64	14.20	15.29	15.79	16.42	16.91	18.48
4H	2H	11.30	11.91	12.43	13.02	14.56	13.52	14.12	14.64	15.23	16.77
	3H	12.32	12.82	13.45	13.96	15.51	15.01	15.52	16.14	16.65	18.20
	4H	12.59	13.05	13.73	14.18	15.75	15.53	16.00	16.67	17.12	18.69
	6H	12.70	13.10	13.85	14.25	15.81	15.89	16.29	17.04	17.44	19.00
	8H	12.71	13.08	13.85	14.22	15.79	16.00	16.37	17.14	17.51	19.09
	12H	12.67	13.00	13.83	14.15	15.74	16.05	16.38	17.21	17.54	19.12
8H	4H	13.03	13.40	14.17	14.54	16.12	15.65	16.02	16.79	17.16	18.73
	6H	13.29	13.59	14.45	14.77	16.35	16.08	16.39	17.24	17.57	19.14
	8H	13.33	13.59	14.50	14.75	16.35	16.23	16.50	17.40	17.66	19.25
	12H	13.30	13.54	14.48	14.70	16.33	16.32	16.56	17.50	17.72	19.34
12H	4H	13.03	13.37	14.19	14.52	16.10	15.60	15.94	16.76	17.09	18.67
	6H	13.35	13.61	14.52	14.77	16.37	16.07	16.34	17.24	17.50	19.10
	8H	13.40	13.64	14.58	14.80	16.43	16.23	16.47	17.40	17.62	19.25