

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: P935595

Luminaire Tested: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-8-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935595
REPORT IS A COMBINATION OF REPORTS P933760 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-8-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

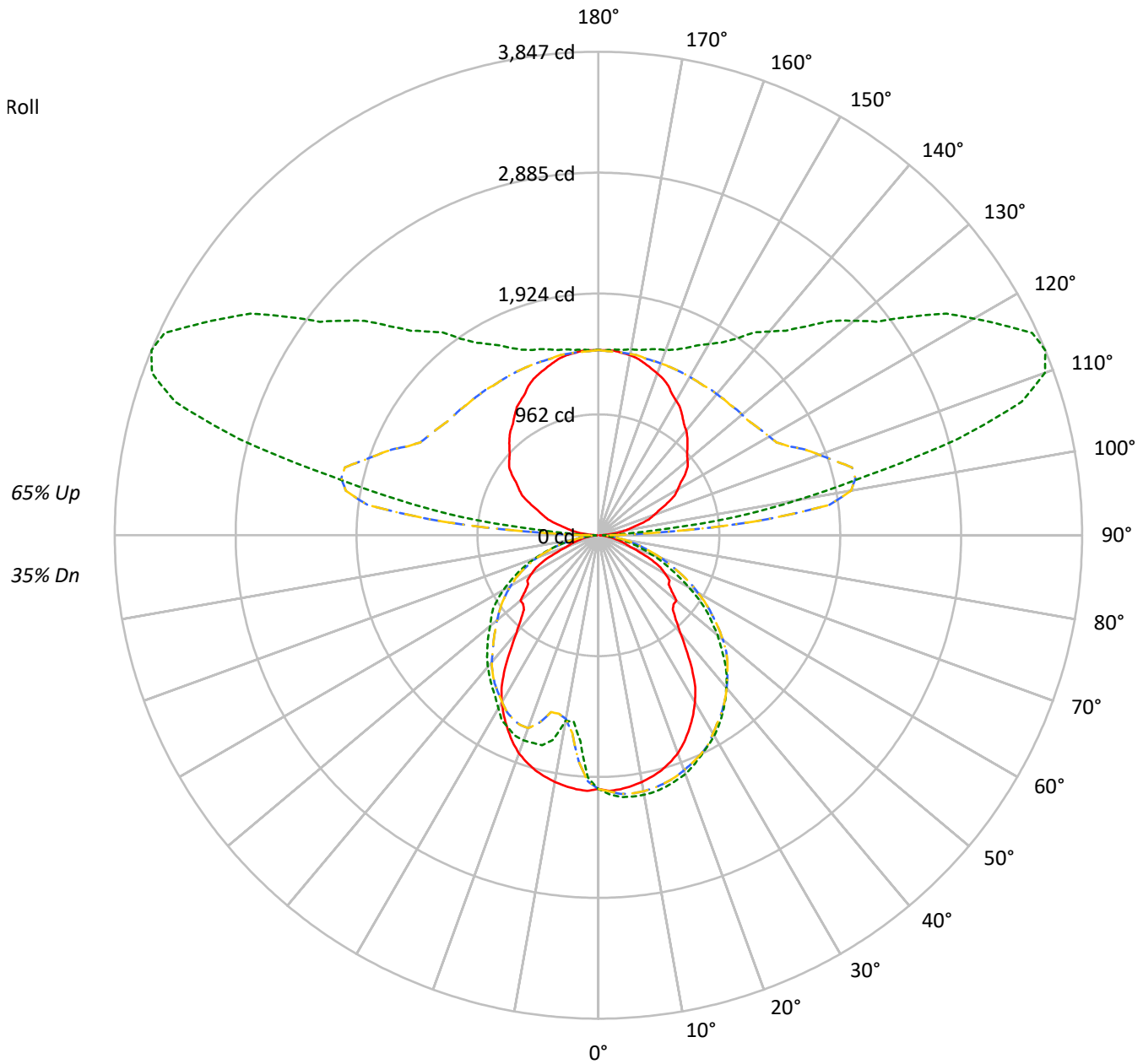
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14792.0 lumens
Efficiency: N/A
Efficacy: 133.0 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): 111.2
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	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35				35
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36	30				30
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30	25				25
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26	21				21
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22	18				18
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19	16				16
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17	14				14
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15	12				12
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13	11				11
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12	10				10
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11	9				9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9366	9366	9366	9366
5°	9436	9455	9436	7434
10°	9373	9314	9373	6659
15°	9271	9112	9271	7609
20°	9078	8873	9078	7624
25°	8680	8524	8680	7463
30°	8167	8235	8167	7108
35°	7281	7868	7281	6718
40°	6067	7437	6067	6424
45°	5422	6933	5422	6085
50°	5759	6331	5759	5745
55°	5419	5683	5419	5549
60°	5586	4827	5586	5082
65°	5065	3990	5065	4460
70°	3507	3180	3507	3739
75°	3074	2351	3074	2815
80°	2478	1554	2478	1692
85°	1425	823	1425	699

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8309 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	182.2	1.2
10°-20°	517.4	3.5
20°-30°	799.8	5.4
30°-40°	954.8	6.5
40°-50°	960.4	6.5
50°-60°	835.7	5.6
60°-70°	592.5	4.0
70°-80°	313.5	2.1
80°-90°	83.7	0.6
90°-100°	718.3	4.9
100°-110°	1888.3	12.8
110°-120°	1958.0	13.2
120°-130°	1570.5	10.6
130°-140°	1232.3	8.3
140°-150°	945.9	6.4
150°-160°	681.2	4.6
160°-170°	416.8	2.8
170°-180°	140.8	1.0
0°-30°	1499.4	10.1
0°-40°	2454.2	16.6
0°-60°	4250.3	28.7
0°-90°	5240.0	35.4
90°-120°	4564.6	30.9
90°-150°	8313.3	56.2
90°-180°	9552.0	64.6
0°-180°	14792.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2019	2019	2019	2019	2019	
5°	2028	2091	2028	1644	2028	192
15°	1937	2072	1937	1730	1937	545
25°	1706	1933	1706	1692	1706	783
35°	1297	1725	1297	1472	1297	802
45°	837	1421	837	1247	837	670
55°	682	1049	682	1024	682	627
65°	474	632	474	707	474	453
75°	180	300	180	359	180	189
85°	31	76	31	65	31	41
90°	10	38	10	38	10	9
95°	95	434	95	434	95	105
105°	340	2957	340	2957	340	361
115°	604	3807	604	3807	604	597
125°	841	3032	841	3032	841	746
135°	1002	2353	1002	2353	1002	775
145°	1162	1909	1162	1909	1162	728
155°	1313	1644	1313	1644	1313	603
165°	1417	1531	1417	1531	1417	400
175°	1474	1483	1474	1483	1474	140
180°	1474	1474	1474	1474	1474	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8
2.5°	2036.0	2036.0	2047.4	2051.2	2051.2	2045.5	2039.8	2045.5	2062.7	2068.4	2066.5
5°	2028.3	2043.6	2064.6	2068.4	2072.3	2070.3	2066.5	2070.3	2089.4	2093.3	2095.2
7.5°	2013.0	2041.7	2068.4	2074.2	2079.9	2074.2	2072.3	2076.1	2095.2	2099.0	2099.0
10°	1993.9	2034.1	2064.6	2068.4	2074.2	2068.4	2068.4	2076.1	2095.2	2099.0	2100.9
12.5°	1967.2	2022.6	2051.2	2055.1	2062.7	2060.8	2058.9	2066.5	2085.6	2089.4	2089.4
15°	1936.6	2001.6	2028.3	2032.1	2045.5	2041.7	2041.7	2049.3	2070.3	2076.1	2074.2
17.5°	1894.6	1974.8	2005.4	2011.1	2020.7	2018.8	2020.7	2028.3	2047.4	2051.2	2053.2
20°	1846.9	1938.6	1974.8	1980.6	1990.1	1990.1	1990.1	1999.7	2018.8	2026.4	2026.4
22.5°	1781.9	1900.4	1938.6	1942.4	1953.8	1953.8	1957.7	1971.0	1988.2	1990.1	1990.1
25°	1705.5	1858.3	1890.8	1902.3	1913.7	1919.5	1925.2	1932.8	1938.6	1936.6	1938.6
27.5°	1625.3	1804.9	1846.9	1854.5	1869.8	1875.5	1883.2	1885.1	1887.0	1892.7	1888.9
30°	1535.5	1730.4	1793.4	1801.0	1825.9	1829.7	1822.0	1825.9	1835.4	1839.2	1843.1
32.5°	1434.3	1619.6	1738.0	1755.2	1778.1	1766.7	1764.7	1770.5	1785.8	1785.8	1789.6
35°	1296.8	1533.6	1686.4	1701.7	1718.9	1705.5	1713.2	1715.1	1724.6	1730.4	1728.5
37.5°	1145.9	1459.1	1633.0	1644.4	1657.8	1640.6	1652.1	1657.8	1665.4	1661.6	1661.6
40°	1012.3	1342.6	1569.9	1577.6	1589.0	1575.7	1587.1	1590.9	1594.8	1590.9	1589.0
42.5°	913.0	1214.7	1503.1	1512.6	1505.0	1514.5	1518.4	1526.0	1520.3	1512.6	1512.6
45°	836.6	1180.3	1430.5	1442.0	1430.5	1445.8	1451.5	1451.5	1434.3	1430.5	1428.6
47.5°	811.8	1111.6	1357.9	1357.9	1352.2	1371.3	1380.8	1367.5	1350.3	1344.5	1344.5
50°	809.8	1035.2	1258.6	1251.0	1277.7	1300.6	1291.1	1277.7	1264.3	1243.3	1243.3
52.5°	735.4	941.6	1130.7	1159.3	1201.3	1214.7	1199.4	1186.0	1163.1	1153.5	1145.9
55°	681.9	844.2	1014.2	1071.5	1115.4	1132.6	1104.0	1090.6	1056.2	1050.5	1046.7
57.5°	670.4	702.9	907.2	979.8	1033.3	1031.4	1014.2	989.4	960.7	955.0	953.1
60°	615.0	508.1	792.6	878.6	934.0	928.3	913.0	890.1	863.3	859.5	855.7
62.5°	557.7	368.6	662.8	760.2	838.5	836.6	823.2	788.8	769.7	760.2	752.5
65°	473.7	309.4	471.8	632.2	744.9	748.7	720.1	695.2	674.2	662.8	660.9
67.5°	361.0	252.1	319.0	527.2	655.1	651.3	615.0	603.6	576.8	571.1	559.6
70°	267.4	168.1	221.6	427.8	567.3	557.7	529.1	515.7	490.9	477.5	469.9
72.5°	221.6	135.6	162.4	332.3	477.5	466.0	441.2	425.9	404.9	393.5	385.8
75°	179.5	143.2	124.2	246.4	387.7	380.1	357.2	341.9	324.7	309.4	311.3
77.5°	131.8	133.7	99.3	181.4	307.5	296.0	282.7	263.6	255.9	240.7	240.7
80°	99.3	105.0	74.5	124.2	221.6	221.6	210.1	196.7	183.4	175.7	175.7
82.5°	66.8	66.8	55.4	78.3	150.9	145.2	137.5	133.7	126.1	122.2	122.2
85°	30.6	38.2	34.4	47.8	82.1	86.0	86.0	82.1	80.2	76.4	78.3
87.5°	9.5	17.2	21.0	26.7	42.0	43.9	45.8	45.8	45.8	47.8	47.8
90°	9.9	17.9	25.7	27.7	43.5	64.7	75.2	66.8	50.0	37.5	37.5
92.5°	39.5	106.8	174.1	190.9	268.4	371.6	423.3	370.9	266.3	187.8	180.4
95°	94.9	218.0	341.1	371.9	660.3	1044.9	1237.1	1104.0	837.6	637.8	615.2
97.5°	164.2	272.7	381.3	408.5	889.4	1530.7	1851.3	1767.1	1598.8	1472.5	1429.4
100°	217.5	316.0	414.5	439.1	972.8	1684.3	2040.2	2046.3	2058.6	2067.9	2016.6
102.5°	263.0	354.9	446.7	469.8	1011.1	1732.8	2093.6	2200.8	2415.3	2576.1	2532.2
105°	340.2	418.0	495.7	515.2	1039.3	1738.2	2087.6	2328.0	2808.8	3169.5	3145.9
107.5°	419.3	491.8	564.3	582.5	1044.6	1660.8	1968.9	2304.3	2975.0	3478.0	3483.7
110°	472.7	538.2	603.8	620.1	1036.7	1592.3	1870.1	2245.0	2994.8	3557.1	3581.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	525.2	587.5	650.0	665.5	1037.0	1532.4	1780.0	2163.7	2931.1	3506.7	3544.5
115°	604.2	661.8	719.3	733.7	1046.6	1463.7	1672.3	2041.9	2781.2	3335.6	3388.1
117.5°	682.3	734.7	786.9	800.0	1066.1	1420.8	1598.1	1931.7	2598.8	3099.3	3157.4
120°	727.8	777.1	826.3	838.6	1081.8	1406.2	1568.4	1873.2	2482.8	2940.1	2996.5
122.5°	772.3	822.0	871.6	884.0	1104.6	1398.6	1545.7	1820.1	2369.2	2780.9	2836.5
125°	840.6	885.9	931.1	942.4	1135.2	1392.4	1520.9	1754.1	2220.5	2570.2	2621.5
127.5°	896.0	941.7	987.4	998.8	1166.0	1388.8	1500.2	1700.4	2100.8	2401.1	2444.3
130°	925.6	974.9	1024.0	1036.4	1188.3	1391.0	1492.3	1670.5	2027.0	2294.3	2334.3
132.5°	956.2	1005.5	1054.7	1067.0	1206.5	1392.4	1485.3	1644.9	1964.0	2203.3	2239.1
135°	1001.8	1046.6	1091.5	1102.6	1226.2	1391.1	1473.5	1607.1	1874.3	2074.7	2105.6
137.5°	1048.2	1092.6	1137.0	1148.1	1255.9	1399.6	1471.5	1584.4	1810.4	1979.8	2005.1
140°	1086.8	1127.7	1168.5	1178.8	1274.1	1401.1	1464.6	1562.2	1757.3	1903.7	1927.3
142.5°	1116.5	1154.3	1192.0	1201.5	1289.2	1406.1	1464.6	1550.3	1721.7	1850.2	1870.6
145°	1161.9	1194.9	1227.9	1236.2	1309.0	1406.1	1454.7	1524.8	1665.0	1770.2	1785.6
147.5°	1207.5	1239.6	1271.7	1279.7	1338.1	1415.8	1454.7	1509.9	1620.2	1703.0	1715.7
150°	1237.1	1266.1	1295.2	1302.4	1353.1	1420.8	1454.7	1501.3	1594.5	1664.4	1674.7
152.5°	1267.8	1289.7	1311.7	1317.2	1363.1	1424.1	1454.7	1494.5	1574.0	1633.7	1641.5
155°	1313.3	1329.6	1345.8	1349.9	1384.8	1431.4	1454.7	1486.4	1549.7	1597.1	1602.3
157.5°	1346.9	1362.7	1378.5	1382.5	1406.5	1438.6	1454.7	1479.3	1528.5	1565.4	1569.1
160°	1369.7	1382.0	1394.3	1397.4	1416.5	1442.0	1454.7	1475.8	1518.0	1549.6	1551.7
162.5°	1392.4	1401.6	1410.8	1413.1	1427.0	1445.4	1454.7	1472.4	1508.0	1534.8	1536.8
165°	1417.1	1425.5	1433.8	1435.9	1442.1	1450.5	1454.7	1467.5	1493.0	1512.1	1514.2
167.5°	1439.9	1443.8	1447.8	1448.7	1454.0	1461.1	1464.6	1472.9	1489.6	1502.1	1503.0
170°	1454.7	1458.7	1462.7	1463.6	1463.9	1464.4	1464.6	1472.9	1489.6	1502.1	1502.1
172.5°	1462.6	1463.4	1464.4	1464.6	1464.6	1464.6	1464.6	1471.2	1484.4	1494.3	1493.5
175°	1473.5	1473.5	1473.5	1473.5	1470.5	1466.6	1464.6	1468.8	1477.1	1483.4	1483.4
177.5°	1473.5	1473.5	1473.5	1473.5	1471.2	1468.1	1466.6	1469.8	1476.4	1481.4	1480.5
180°	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8
2.5°	2070.3	2064.6	2070.3	2066.5	2068.4	2062.7	2045.5	2039.8	2045.5	2051.2	2051.2
5°	2095.2	2091.4	2095.2	2095.2	2093.3	2089.4	2070.3	2066.5	2070.3	2072.3	2068.4
7.5°	2102.8	2097.1	2102.8	2099.0	2099.0	2095.2	2076.1	2072.3	2074.2	2079.9	2074.2
10°	2102.8	2097.1	2102.8	2100.9	2099.0	2095.2	2076.1	2068.4	2068.4	2074.2	2068.4
12.5°	2093.3	2089.4	2093.3	2089.4	2089.4	2085.6	2066.5	2058.9	2060.8	2062.7	2055.1
15°	2078.0	2072.3	2078.0	2074.2	2076.1	2070.3	2049.3	2041.7	2041.7	2045.5	2032.1
17.5°	2055.1	2047.4	2055.1	2053.2	2051.2	2047.4	2028.3	2020.7	2018.8	2020.7	2011.1
20°	2028.3	2022.6	2028.3	2026.4	2026.4	2018.8	1999.7	1990.1	1990.1	1990.1	1980.6
22.5°	1986.3	1980.6	1986.3	1990.1	1990.1	1988.2	1971.0	1957.7	1953.8	1953.8	1942.4
25°	1938.6	1932.8	1938.6	1938.6	1936.6	1938.6	1932.8	1925.2	1919.5	1913.7	1902.3
27.5°	1892.7	1888.9	1892.7	1888.9	1892.7	1887.0	1885.1	1883.2	1875.5	1869.8	1854.5
30°	1846.9	1843.1	1846.9	1843.1	1839.2	1835.4	1825.9	1822.0	1829.7	1825.9	1801.0
32.5°	1789.6	1785.8	1789.6	1789.6	1785.8	1785.8	1770.5	1764.7	1766.7	1778.1	1755.2
35°	1730.4	1724.6	1730.4	1728.5	1730.4	1724.6	1715.1	1713.2	1705.5	1718.9	1701.7
37.5°	1661.6	1655.9	1661.6	1661.6	1661.6	1665.4	1657.8	1652.1	1640.6	1657.8	1644.4
40°	1590.9	1583.3	1590.9	1589.0	1590.9	1594.8	1590.9	1587.1	1575.7	1589.0	1577.6
42.5°	1510.7	1508.8	1510.7	1512.6	1512.6	1520.3	1526.0	1518.4	1514.5	1505.0	1512.6
45°	1424.8	1420.9	1424.8	1428.6	1430.5	1434.3	1451.5	1451.5	1445.8	1430.5	1442.0
47.5°	1333.1	1323.5	1333.1	1344.5	1344.5	1350.3	1367.5	1380.8	1371.3	1352.2	1357.9
50°	1235.7	1237.6	1235.7	1243.3	1243.3	1264.3	1277.7	1291.1	1300.6	1277.7	1251.0
52.5°	1140.2	1138.4	1140.2	1145.9	1153.5	1163.1	1186.0	1199.4	1214.7	1201.3	1159.3
55°	1044.8	1048.6	1044.8	1046.7	1050.5	1056.2	1090.6	1104.0	1132.6	1115.4	1071.5
57.5°	949.3	943.5	949.3	953.1	955.0	960.7	989.4	1014.2	1031.4	1033.3	979.8
60°	838.5	830.8	838.5	855.7	859.5	863.3	890.1	913.0	928.3	934.0	878.6
62.5°	741.1	727.7	741.1	752.5	760.2	769.7	788.8	823.2	836.6	838.5	760.2
65°	637.9	632.2	637.9	660.9	662.8	674.2	695.2	720.1	748.7	744.9	632.2
67.5°	544.4	544.4	544.4	559.6	571.1	576.8	603.6	615.0	651.3	655.1	527.2
70°	458.4	456.5	458.4	469.9	477.5	490.9	515.7	529.1	557.7	567.3	427.8
72.5°	376.3	374.4	376.3	385.8	393.5	404.9	425.9	441.2	466.0	477.5	332.3
75°	303.7	299.9	303.7	311.3	309.4	324.7	341.9	357.2	380.1	387.7	246.4
77.5°	233.0	233.0	233.0	240.7	240.7	255.9	263.6	282.7	296.0	307.5	181.4
80°	173.8	171.9	173.8	175.7	175.7	183.4	196.7	210.1	221.6	221.6	124.2
82.5°	122.2	118.4	122.2	122.2	122.2	126.1	133.7	137.5	145.2	150.9	78.3
85°	76.4	76.4	76.4	78.3	76.4	80.2	82.1	86.0	86.0	82.1	47.8
87.5°	49.7	47.8	49.7	47.8	47.8	45.8	45.8	45.8	43.9	42.0	26.7
90°	37.5	37.5	37.5	37.5	37.5	50.0	66.8	75.2	64.7	43.5	27.7
92.5°	150.5	120.6	150.5	180.4	187.8	266.3	370.9	423.3	371.6	268.4	190.9
95°	524.7	434.1	524.7	615.2	637.8	837.6	1104.0	1237.1	1044.9	660.3	371.9
97.5°	1257.2	1084.9	1257.2	1429.4	1472.5	1598.8	1767.1	1851.3	1530.7	889.4	408.5
100°	1811.3	1606.0	1811.3	2016.6	2067.9	2058.6	2046.3	2040.2	1684.3	972.8	439.1
102.5°	2356.4	2180.6	2356.4	2532.2	2576.1	2415.3	2200.8	2093.6	1732.8	1011.1	469.8
105°	3051.3	2956.9	3051.3	3145.9	3169.5	2808.8	2328.0	2087.6	1738.2	1039.3	515.2
107.5°	3506.6	3529.4	3506.6	3483.7	3478.0	2975.0	2304.3	1968.9	1660.8	1044.6	582.5
110°	3680.2	3778.6	3680.2	3581.7	3557.1	2994.8	2245.0	1870.1	1592.3	1036.7	620.1



TEST NUMBER: P935595

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3695.7	3846.8	3695.7	3544.5	3506.7	2931.1	2163.7	1780.0	1532.4	1037.0	665.5
115°	3597.7	3807.3	3597.7	3388.1	3335.6	2781.2	2041.9	1672.3	1463.7	1046.6	733.7
117.5°	3389.9	3622.4	3389.9	3157.4	3099.3	2598.8	1931.7	1598.1	1420.8	1066.1	800.0
120°	3222.5	3448.3	3222.5	2996.5	2940.1	2482.8	1873.2	1568.4	1406.2	1081.8	838.6
122.5°	3059.4	3282.2	3059.4	2836.5	2780.9	2369.2	1820.1	1545.7	1398.6	1104.6	884.0
125°	2826.8	3032.0	2826.8	2621.5	2570.2	2220.5	1754.1	1520.9	1392.4	1135.2	942.4
127.5°	2617.6	2790.7	2617.6	2444.3	2401.1	2100.8	1700.4	1500.2	1388.8	1166.0	998.8
130°	2494.3	2654.2	2494.3	2334.3	2294.3	2027.0	1670.5	1492.3	1391.0	1188.3	1036.4
132.5°	2382.4	2525.7	2382.4	2239.1	2203.3	1964.0	1644.9	1485.3	1392.4	1206.5	1067.0
135°	2229.2	2352.6	2229.2	2105.6	2074.7	1874.3	1607.1	1473.5	1391.1	1226.2	1102.6
137.5°	2106.2	2207.3	2106.2	2005.1	1979.8	1810.4	1584.4	1471.5	1399.6	1255.9	1148.1
140°	2021.8	2116.3	2021.8	1927.3	1903.7	1757.3	1562.2	1464.6	1401.1	1274.1	1178.8
142.5°	1951.8	2033.2	1951.8	1870.6	1850.2	1721.7	1550.3	1464.6	1406.1	1289.2	1201.5
145°	1847.1	1908.6	1847.1	1785.6	1770.2	1665.0	1524.8	1454.7	1406.1	1309.0	1236.2
147.5°	1766.7	1817.7	1766.7	1715.7	1703.0	1620.2	1509.9	1454.7	1415.8	1338.1	1279.7
150°	1716.0	1757.3	1716.0	1674.7	1664.4	1594.5	1501.3	1454.7	1420.8	1353.1	1302.4
152.5°	1672.7	1703.9	1672.7	1641.5	1633.7	1574.0	1494.5	1454.7	1424.1	1363.1	1317.2
155°	1622.9	1643.6	1622.9	1602.3	1597.1	1549.7	1486.4	1454.7	1431.4	1384.8	1349.9
157.5°	1583.6	1598.1	1583.6	1569.1	1565.4	1528.5	1479.3	1454.7	1438.6	1406.5	1382.5
160°	1560.0	1568.4	1560.0	1551.7	1549.6	1518.0	1475.8	1454.7	1442.0	1416.5	1397.4
162.5°	1544.7	1552.6	1544.7	1536.8	1534.8	1508.0	1472.4	1454.7	1445.4	1427.0	1413.1
165°	1522.5	1530.9	1522.5	1514.2	1512.1	1493.0	1467.5	1454.7	1450.5	1442.1	1435.9
167.5°	1506.5	1510.0	1506.5	1503.0	1502.1	1489.6	1472.9	1464.6	1461.1	1454.0	1448.7
170°	1502.1	1502.1	1502.1	1502.1	1502.1	1489.6	1472.9	1464.6	1464.4	1463.9	1463.6
172.5°	1490.4	1487.3	1490.4	1493.5	1494.3	1484.4	1471.2	1464.6	1464.6	1464.6	1464.6
175°	1483.4	1483.4	1483.4	1483.4	1483.4	1477.1	1468.8	1464.6	1466.6	1470.5	1473.5
177.5°	1477.0	1473.5	1477.0	1480.5	1481.4	1476.4	1469.8	1466.6	1468.1	1471.2	1473.5
180°	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5



TEST NUMBER: P935595
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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8
2.5°	2047.4	2036.0	2036.0	2016.9	2009.2	2003.5	1993.9	1965.3	1957.7	1950.0	1961.5
5°	2064.6	2043.6	2028.3	1993.9	1965.3	1953.8	1917.5	1848.8	1802.9	1768.6	1749.5
7.5°	2068.4	2041.7	2013.0	1959.6	1890.8	1860.2	1749.5	1623.4	1589.0	1558.5	1539.4
10°	2064.6	2034.1	1993.9	1913.7	1751.4	1697.9	1587.1	1505.0	1484.0	1478.2	1484.0
12.5°	2051.2	2022.6	1967.2	1833.5	1606.2	1569.9	1505.0	1457.2	1453.4	1463.0	1514.5
15°	2028.3	2001.6	1936.6	1726.5	1526.0	1499.3	1453.4	1436.2	1457.2	1524.1	1678.8
17.5°	2005.4	1974.8	1894.6	1621.5	1464.9	1445.8	1413.3	1447.7	1566.1	1655.9	1707.4
20°	1974.8	1938.6	1846.9	1545.1	1420.9	1403.8	1388.5	1543.2	1633.0	1665.4	1694.1
22.5°	1938.6	1900.4	1781.9	1491.6	1375.1	1361.7	1371.3	1596.7	1633.0	1655.9	1680.7
25°	1890.8	1858.3	1705.5	1449.6	1338.8	1323.5	1359.8	1590.9	1611.9	1617.7	1667.3
27.5°	1846.9	1804.9	1625.3	1411.4	1294.9	1289.2	1369.4	1566.1	1581.4	1587.1	1640.6
30°	1793.4	1730.4	1535.5	1371.3	1249.0	1247.1	1371.3	1535.5	1531.7	1547.0	1600.5
32.5°	1738.0	1619.6	1434.3	1321.6	1205.1	1203.2	1357.9	1489.7	1485.9	1506.9	1547.0
35°	1686.4	1533.6	1296.8	1264.3	1149.7	1151.6	1325.4	1436.2	1438.1	1457.2	1482.1
37.5°	1633.0	1459.1	1145.9	1201.3	1096.3	1096.3	1281.5	1386.6	1382.7	1388.5	1422.9
40°	1569.9	1342.6	1012.3	1119.3	1046.7	1041.0	1228.0	1333.1	1319.7	1317.8	1365.6
42.5°	1503.1	1214.7	913.0	1010.4	989.4	981.7	1163.1	1268.1	1243.3	1249.0	1310.2
45°	1430.5	1180.3	836.6	853.8	930.2	924.4	1092.5	1193.7	1176.5	1191.7	1254.8
47.5°	1357.9	1111.6	811.8	708.6	867.1	865.2	1014.2	1121.2	1111.6	1126.9	1193.7
50°	1258.6	1035.2	809.8	607.4	796.5	804.1	920.6	1050.5	1050.5	1063.9	1134.5
52.5°	1130.7	941.6	735.4	550.1	714.3	737.3	838.5	989.4	993.2	1006.6	1069.6
55°	1014.2	844.2	681.9	506.2	616.9	666.6	758.3	926.4	934.0	947.4	1004.7
57.5°	907.2	702.9	670.4	454.6	527.2	574.9	687.6	865.2	869.0	880.5	935.9
60°	792.6	508.1	615.0	399.2	448.8	485.1	622.7	792.6	806.0	813.7	861.4
62.5°	662.8	368.6	557.7	361.0	410.6	418.3	569.2	723.9	741.1	746.8	775.5
65°	471.8	309.4	473.7	328.5	370.5	372.4	511.9	653.2	668.5	678.0	699.1
67.5°	319.0	252.1	361.0	298.0	340.0	341.9	456.5	571.1	592.1	599.7	613.1
70°	221.6	168.1	267.4	265.5	305.6	309.4	397.3	496.6	515.7	521.4	529.1
72.5°	162.4	135.6	221.6	238.8	269.3	273.1	336.2	412.6	431.7	437.4	441.2
75°	124.2	143.2	179.5	208.2	229.2	231.1	275.0	336.2	349.5	353.3	355.3
77.5°	99.3	133.7	131.8	168.1	187.2	183.4	215.8	259.8	271.2	271.2	271.2
80°	74.5	105.0	99.3	120.3	137.5	133.7	154.7	185.3	189.1	192.9	191.0
82.5°	55.4	66.8	66.8	76.4	91.7	87.9	103.1	120.3	120.3	120.3	124.2
85°	34.4	38.2	30.6	40.1	51.6	49.7	57.3	64.9	66.8	66.8	63.0
87.5°	21.0	17.2	9.5	15.3	22.9	22.9	26.7	28.6	26.7	26.7	26.7
90°	25.7	17.9	9.9	17.9	25.7	27.7	43.5	64.7	75.2	66.8	50.0
92.5°	174.1	106.8	39.5	106.8	174.1	190.9	268.4	371.6	423.3	370.9	266.3
95°	341.1	218.0	94.9	218.0	341.1	371.9	660.3	1044.9	1237.1	1104.0	837.6
97.5°	381.3	272.7	164.2	272.7	381.3	408.5	889.4	1530.7	1851.3	1767.1	1598.8
100°	414.5	316.0	217.5	316.0	414.5	439.1	972.8	1684.3	2040.2	2046.3	2058.6
102.5°	446.7	354.9	263.0	354.9	446.7	469.8	1011.1	1732.8	2093.6	2200.8	2415.3
105°	495.7	418.0	340.2	418.0	495.7	515.2	1039.3	1738.2	2087.6	2328.0	2808.8
107.5°	564.3	491.8	419.3	491.8	564.3	582.5	1044.6	1660.8	1968.9	2304.3	2975.0
110°	603.8	538.2	472.7	538.2	603.8	620.1	1036.7	1592.3	1870.1	2245.0	2994.8



TEST NUMBER: P935595

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	650.0	587.5	525.2	587.5	650.0	665.5	1037.0	1532.4	1780.0	2163.7	2931.1
115°	719.3	661.8	604.2	661.8	719.3	733.7	1046.6	1463.7	1672.3	2041.9	2781.2
117.5°	786.9	734.7	682.3	734.7	786.9	800.0	1066.1	1420.8	1598.1	1931.7	2598.8
120°	826.3	777.1	727.8	777.1	826.3	838.6	1081.8	1406.2	1568.4	1873.2	2482.8
122.5°	871.6	822.0	772.3	822.0	871.6	884.0	1104.6	1398.6	1545.7	1820.1	2369.2
125°	931.1	885.9	840.6	885.9	931.1	942.4	1135.2	1392.4	1520.9	1754.1	2220.5
127.5°	987.4	941.7	896.0	941.7	987.4	998.8	1166.0	1388.8	1500.2	1700.4	2100.8
130°	1024.0	974.9	925.6	974.9	1024.0	1036.4	1188.3	1391.0	1492.3	1670.5	2027.0
132.5°	1054.7	1005.5	956.2	1005.5	1054.7	1067.0	1206.5	1392.4	1485.3	1644.9	1964.0
135°	1091.5	1046.6	1001.8	1046.6	1091.5	1102.6	1226.2	1391.1	1473.5	1607.1	1874.3
137.5°	1137.0	1092.6	1048.2	1092.6	1137.0	1148.1	1255.9	1399.6	1471.5	1584.4	1810.4
140°	1168.5	1127.7	1086.8	1127.7	1168.5	1178.8	1274.1	1401.1	1464.6	1562.2	1757.3
142.5°	1192.0	1154.3	1116.5	1154.3	1192.0	1201.5	1289.2	1406.1	1464.6	1550.3	1721.7
145°	1227.9	1194.9	1161.9	1194.9	1227.9	1236.2	1309.0	1406.1	1454.7	1524.8	1665.0
147.5°	1271.7	1239.6	1207.5	1239.6	1271.7	1279.7	1338.1	1415.8	1454.7	1509.9	1620.2
150°	1295.2	1266.1	1237.1	1266.1	1295.2	1302.4	1353.1	1420.8	1454.7	1501.3	1594.5
152.5°	1311.7	1289.7	1267.8	1289.7	1311.7	1317.2	1363.1	1424.1	1454.7	1494.5	1574.0
155°	1345.8	1329.6	1313.3	1329.6	1345.8	1349.9	1384.8	1431.4	1454.7	1486.4	1549.7
157.5°	1378.5	1362.7	1346.9	1362.7	1378.5	1382.5	1406.5	1438.6	1454.7	1479.3	1528.5
160°	1394.3	1382.0	1369.7	1382.0	1394.3	1397.4	1416.5	1442.0	1454.7	1475.8	1518.0
162.5°	1410.8	1401.6	1392.4	1401.6	1410.8	1413.1	1427.0	1445.4	1454.7	1472.4	1508.0
165°	1433.8	1425.5	1417.1	1425.5	1433.8	1435.9	1442.1	1450.5	1454.7	1467.5	1493.0
167.5°	1447.8	1443.8	1439.9	1443.8	1447.8	1448.7	1454.0	1461.1	1464.6	1472.9	1489.6
170°	1462.7	1458.7	1454.7	1458.7	1462.7	1463.6	1463.9	1464.4	1464.6	1472.9	1489.6
172.5°	1464.4	1463.4	1462.6	1463.4	1464.4	1464.6	1464.6	1464.6	1464.6	1471.2	1484.4
175°	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1470.5	1466.6	1464.6	1468.8	1477.1
177.5°	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1471.2	1468.1	1466.6	1469.8	1476.4
180°	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5



TEST NUMBER: P935595

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-8-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8	2018.8
2.5°	1948.1	1942.4	1950.0	1929.0	1950.0	1942.4	1948.1	1961.5	1950.0	1957.7	1965.3
5°	1709.4	1699.8	1669.2	1644.4	1669.2	1699.8	1709.4	1749.5	1768.6	1802.9	1848.8
7.5°	1527.9	1520.3	1512.6	1497.3	1512.6	1520.3	1527.9	1539.4	1558.5	1589.0	1623.4
10°	1487.8	1489.7	1501.2	1499.3	1501.2	1489.7	1487.8	1484.0	1478.2	1484.0	1505.0
12.5°	1590.9	1608.1	1671.2	1667.3	1671.2	1608.1	1590.9	1514.5	1463.0	1453.4	1457.2
15°	1709.4	1715.1	1728.5	1730.4	1728.5	1715.1	1709.4	1678.8	1524.1	1457.2	1436.2
17.5°	1720.8	1722.7	1732.3	1732.3	1732.3	1722.7	1720.8	1707.4	1655.9	1566.1	1447.7
20°	1711.3	1715.1	1734.2	1738.0	1734.2	1715.1	1711.3	1694.1	1665.4	1633.0	1543.2
22.5°	1707.4	1715.1	1730.4	1728.5	1730.4	1715.1	1707.4	1680.7	1655.9	1633.0	1596.7
25°	1688.3	1688.3	1690.3	1692.2	1690.3	1688.3	1688.3	1667.3	1617.7	1611.9	1590.9
27.5°	1648.2	1652.1	1663.5	1661.6	1663.5	1652.1	1648.2	1640.6	1587.1	1581.4	1566.1
30°	1611.9	1608.1	1598.6	1590.9	1598.6	1608.1	1611.9	1600.5	1547.0	1531.7	1535.5
32.5°	1550.8	1541.3	1531.7	1526.0	1531.7	1541.3	1550.8	1547.0	1506.9	1485.9	1489.7
35°	1478.2	1480.2	1478.2	1472.5	1478.2	1480.2	1478.2	1482.1	1457.2	1438.1	1436.2
37.5°	1426.7	1430.5	1428.6	1420.9	1428.6	1430.5	1426.7	1422.9	1388.5	1382.7	1386.6
40°	1373.2	1375.1	1373.2	1367.5	1373.2	1375.1	1373.2	1365.6	1317.8	1319.7	1333.1
42.5°	1321.6	1319.7	1314.0	1310.2	1314.0	1319.7	1321.6	1310.2	1249.0	1243.3	1268.1
45°	1262.4	1264.3	1252.9	1247.1	1252.9	1264.3	1262.4	1254.8	1191.7	1176.5	1193.7
47.5°	1203.2	1203.2	1193.7	1187.9	1193.7	1203.2	1203.2	1193.7	1126.9	1111.6	1121.2
50°	1140.2	1138.4	1125.0	1123.1	1125.0	1138.4	1140.2	1134.5	1063.9	1050.5	1050.5
52.5°	1067.7	1067.7	1069.6	1073.4	1069.6	1067.7	1067.7	1069.6	1006.6	993.2	989.4
55°	1004.7	1006.6	1019.9	1023.8	1019.9	1006.6	1004.7	1004.7	947.4	934.0	926.4
57.5°	939.7	939.7	949.3	949.3	949.3	939.7	939.7	935.9	880.5	869.0	865.2
60°	865.2	869.0	876.7	874.8	876.7	869.0	865.2	861.4	813.7	806.0	792.6
62.5°	786.9	790.7	792.6	788.8	792.6	790.7	786.9	775.5	746.8	741.1	723.9
65°	704.8	708.6	710.5	706.7	710.5	708.6	704.8	699.1	678.0	668.5	653.2
67.5°	620.8	618.8	616.9	624.6	616.9	618.8	620.8	613.1	599.7	592.1	571.1
70°	534.8	534.8	532.9	536.7	532.9	534.8	534.8	529.1	521.4	515.7	496.6
72.5°	443.1	441.2	448.8	443.1	448.8	441.2	443.1	441.2	437.4	431.7	412.6
75°	353.3	357.2	353.3	359.1	353.3	357.2	353.3	355.3	353.3	349.5	336.2
77.5°	269.3	273.1	269.3	269.3	269.3	273.1	269.3	271.2	271.2	271.2	259.8
80°	191.0	189.1	189.1	187.2	189.1	189.1	191.0	191.0	192.9	189.1	185.3
82.5°	122.2	120.3	120.3	124.2	120.3	120.3	122.2	124.2	120.3	120.3	120.3
85°	66.8	68.8	64.9	64.9	64.9	68.8	66.8	63.0	66.8	66.8	64.9
87.5°	24.8	22.9	22.9	22.9	22.9	22.9	24.8	26.7	26.7	26.7	28.6
90°	37.5	37.5	37.5	37.5	37.5	37.5	37.5	50.0	66.8	75.2	64.7
92.5°	187.8	180.4	150.5	120.6	150.5	180.4	187.8	266.3	370.9	423.3	371.6
95°	637.8	615.2	524.7	434.1	524.7	615.2	637.8	837.6	1104.0	1237.1	1044.9
97.5°	1472.5	1429.4	1257.2	1084.9	1257.2	1429.4	1472.5	1598.8	1767.1	1851.3	1530.7
100°	2067.9	2016.6	1811.3	1606.0	1811.3	2016.6	2067.9	2058.6	2046.3	2040.2	1684.3
102.5°	2576.1	2532.2	2356.4	2180.6	2356.4	2532.2	2576.1	2415.3	2200.8	2093.6	1732.8
105°	3169.5	3145.9	3051.3	2956.9	3051.3	3145.9	3169.5	2808.8	2328.0	2087.6	1738.2
107.5°	3478.0	3483.7	3506.6	3529.4	3506.6	3483.7	3478.0	2975.0	2304.3	1968.9	1660.8
110°	3557.1	3581.7	3680.2	3778.6	3680.2	3581.7	3557.1	2994.8	2245.0	1870.1	1592.3



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3506.7	3544.5	3695.7	3846.8	3695.7	3544.5	3506.7	2931.1	2163.7	1780.0	1532.4
115°	3335.6	3388.1	3597.7	3807.3	3597.7	3388.1	3335.6	2781.2	2041.9	1672.3	1463.7
117.5°	3099.3	3157.4	3389.9	3622.4	3389.9	3157.4	3099.3	2598.8	1931.7	1598.1	1420.8
120°	2940.1	2996.5	3222.5	3448.3	3222.5	2996.5	2940.1	2482.8	1873.2	1568.4	1406.2
122.5°	2780.9	2836.5	3059.4	3282.2	3059.4	2836.5	2780.9	2369.2	1820.1	1545.7	1398.6
125°	2570.2	2621.5	2826.8	3032.0	2826.8	2621.5	2570.2	2220.5	1754.1	1520.9	1392.4
127.5°	2401.1	2444.3	2617.6	2790.7	2617.6	2444.3	2401.1	2100.8	1700.4	1500.2	1388.8
130°	2294.3	2334.3	2494.3	2654.2	2494.3	2334.3	2294.3	2027.0	1670.5	1492.3	1391.0
132.5°	2203.3	2239.1	2382.4	2525.7	2382.4	2239.1	2203.3	1964.0	1644.9	1485.3	1392.4
135°	2074.7	2105.6	2229.2	2352.6	2229.2	2105.6	2074.7	1874.3	1607.1	1473.5	1391.1
137.5°	1979.8	2005.1	2106.2	2207.3	2106.2	2005.1	1979.8	1810.4	1584.4	1471.5	1399.6
140°	1903.7	1927.3	2021.8	2116.3	2021.8	1927.3	1903.7	1757.3	1562.2	1464.6	1401.1
142.5°	1850.2	1870.6	1951.8	2033.2	1951.8	1870.6	1850.2	1721.7	1550.3	1464.6	1406.1
145°	1770.2	1785.6	1847.1	1908.6	1847.1	1785.6	1770.2	1665.0	1524.8	1454.7	1406.1
147.5°	1703.0	1715.7	1766.7	1817.7	1766.7	1715.7	1703.0	1620.2	1509.9	1454.7	1415.8
150°	1664.4	1674.7	1716.0	1757.3	1716.0	1674.7	1664.4	1594.5	1501.3	1454.7	1420.8
152.5°	1633.7	1641.5	1672.7	1703.9	1672.7	1641.5	1633.7	1574.0	1494.5	1454.7	1424.1
155°	1597.1	1602.3	1622.9	1643.6	1622.9	1602.3	1597.1	1549.7	1486.4	1454.7	1431.4
157.5°	1565.4	1569.1	1583.6	1598.1	1583.6	1569.1	1565.4	1528.5	1479.3	1454.7	1438.6
160°	1549.6	1551.7	1560.0	1568.4	1560.0	1551.7	1549.6	1518.0	1475.8	1454.7	1442.0
162.5°	1534.8	1536.8	1544.7	1552.6	1544.7	1536.8	1534.8	1508.0	1472.4	1454.7	1445.4
165°	1512.1	1514.2	1522.5	1530.9	1522.5	1514.2	1512.1	1493.0	1467.5	1454.7	1450.5
167.5°	1502.1	1503.0	1506.5	1510.0	1506.5	1503.0	1502.1	1489.6	1472.9	1464.6	1461.1
170°	1502.1	1502.1	1502.1	1502.1	1502.1	1502.1	1502.1	1489.6	1472.9	1464.6	1464.4
172.5°	1494.3	1493.5	1490.4	1487.3	1490.4	1493.5	1494.3	1484.4	1471.2	1464.6	1464.6
175°	1483.4	1483.4	1483.4	1483.4	1483.4	1483.4	1483.4	1477.1	1468.8	1464.6	1466.6
177.5°	1481.4	1480.5	1477.0	1473.5	1477.0	1480.5	1481.4	1476.4	1469.8	1466.6	1468.1
180°	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5	1473.5



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2018.8	2018.8	2018.8	2018.8	2018.8
2.5°	1993.9	2003.5	2009.2	2016.9	2036.0
5°	1917.5	1953.8	1965.3	1993.9	2028.3
7.5°	1749.5	1860.2	1890.8	1959.6	2013.0
10°	1587.1	1697.9	1751.4	1913.7	1993.9
12.5°	1505.0	1569.9	1606.2	1833.5	1967.2
15°	1453.4	1499.3	1526.0	1726.5	1936.6
17.5°	1413.3	1445.8	1464.9	1621.5	1894.6
20°	1388.5	1403.8	1420.9	1545.1	1846.9
22.5°	1371.3	1361.7	1375.1	1491.6	1781.9
25°	1359.8	1323.5	1338.8	1449.6	1705.5
27.5°	1369.4	1289.2	1294.9	1411.4	1625.3
30°	1371.3	1247.1	1249.0	1371.3	1535.5
32.5°	1357.9	1203.2	1205.1	1321.6	1434.3
35°	1325.4	1151.6	1149.7	1264.3	1296.8
37.5°	1281.5	1096.3	1096.3	1201.3	1145.9
40°	1228.0	1041.0	1046.7	1119.3	1012.3
42.5°	1163.1	981.7	989.4	1010.4	913.0
45°	1092.5	924.4	930.2	853.8	836.6
47.5°	1014.2	865.2	867.1	708.6	811.8
50°	920.6	804.1	796.5	607.4	809.8
52.5°	838.5	737.3	714.3	550.1	735.4
55°	758.3	666.6	616.9	506.2	681.9
57.5°	687.6	574.9	527.2	454.6	670.4
60°	622.7	485.1	448.8	399.2	615.0
62.5°	569.2	418.3	410.6	361.0	557.7
65°	511.9	372.4	370.5	328.5	473.7
67.5°	456.5	341.9	340.0	298.0	361.0
70°	397.3	309.4	305.6	265.5	267.4
72.5°	336.2	273.1	269.3	238.8	221.6
75°	275.0	231.1	229.2	208.2	179.5
77.5°	215.8	183.4	187.2	168.1	131.8
80°	154.7	133.7	137.5	120.3	99.3
82.5°	103.1	87.9	91.7	76.4	66.8
85°	57.3	49.7	51.6	40.1	30.6
87.5°	26.7	22.9	22.9	15.3	9.5
90°	43.5	27.7	25.7	17.9	9.9
92.5°	268.4	190.9	174.1	106.8	39.5
95°	660.3	371.9	341.1	218.0	94.9
97.5°	889.4	408.5	381.3	272.7	164.2
100°	972.8	439.1	414.5	316.0	217.5
102.5°	1011.1	469.8	446.7	354.9	263.0
105°	1039.3	515.2	495.7	418.0	340.2
107.5°	1044.6	582.5	564.3	491.8	419.3
110°	1036.7	620.1	603.8	538.2	472.7



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1037.0	665.5	650.0	587.5	525.2
115°	1046.6	733.7	719.3	661.8	604.2
117.5°	1066.1	800.0	786.9	734.7	682.3
120°	1081.8	838.6	826.3	777.1	727.8
122.5°	1104.6	884.0	871.6	822.0	772.3
125°	1135.2	942.4	931.1	885.9	840.6
127.5°	1166.0	998.8	987.4	941.7	896.0
130°	1188.3	1036.4	1024.0	974.9	925.6
132.5°	1206.5	1067.0	1054.7	1005.5	956.2
135°	1226.2	1102.6	1091.5	1046.6	1001.8
137.5°	1255.9	1148.1	1137.0	1092.6	1048.2
140°	1274.1	1178.8	1168.5	1127.7	1086.8
142.5°	1289.2	1201.5	1192.0	1154.3	1116.5
145°	1309.0	1236.2	1227.9	1194.9	1161.9
147.5°	1338.1	1279.7	1271.7	1239.6	1207.5
150°	1353.1	1302.4	1295.2	1266.1	1237.1
152.5°	1363.1	1317.2	1311.7	1289.7	1267.8
155°	1384.8	1349.9	1345.8	1329.6	1313.3
157.5°	1406.5	1382.5	1378.5	1362.7	1346.9
160°	1416.5	1397.4	1394.3	1382.0	1369.7
162.5°	1427.0	1413.1	1410.8	1401.6	1392.4
165°	1442.1	1435.9	1433.8	1425.5	1417.1
167.5°	1454.0	1448.7	1447.8	1443.8	1439.9
170°	1463.9	1463.6	1462.7	1458.7	1454.7
172.5°	1464.6	1464.6	1464.4	1463.4	1462.6
175°	1470.5	1473.5	1473.5	1473.5	1473.5
177.5°	1471.2	1473.5	1473.5	1473.5	1473.5
180°	1473.5	1473.5	1473.5	1473.5	1473.5



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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	11.06	11.80	12.13	12.88	14.34	13.90	14.64	14.97	15.71	17.18
	3H	11.53	12.19	12.61	13.27	14.76	15.23	15.90	16.32	16.98	18.47
	4H	11.71	12.34	12.80	13.43	14.92	15.67	16.31	16.77	17.39	18.88
	6H	11.82	12.41	12.93	13.49	14.99	15.96	16.54	17.06	17.62	19.13
	8H	11.82	12.38	12.93	13.48	14.97	16.03	16.58	17.13	17.68	19.18
	12H	11.79	12.31	12.90	13.41	14.93	16.06	16.59	17.17	17.69	19.20
4H	2H	12.08	12.71	13.18	13.79	15.28	14.29	14.92	15.39	16.01	17.50
	3H	13.09	13.62	14.20	14.73	16.23	15.79	16.31	16.89	17.42	18.93
	4H	13.37	13.85	14.48	14.95	16.47	16.31	16.80	17.42	17.90	19.42
	6H	13.48	13.90	14.60	15.02	16.54	16.67	17.09	17.79	18.21	19.73
	8H	13.49	13.87	14.60	14.99	16.52	16.78	17.16	17.90	18.28	19.81
	12H	13.45	13.80	14.58	14.93	16.46	16.83	17.18	17.97	18.31	19.84
8H	4H	13.81	14.20	14.93	15.31	16.84	16.43	16.81	17.55	17.93	19.46
	6H	14.07	14.39	15.21	15.54	17.07	16.86	17.18	18.00	18.34	19.87
	8H	14.11	14.39	15.25	15.53	17.07	17.01	17.29	18.16	18.43	19.98
	12H	14.09	14.33	15.24	15.47	17.05	17.11	17.35	18.26	18.49	20.07
12H	4H	13.81	14.16	14.95	15.29	16.83	16.39	16.74	17.52	17.86	19.40
	6H	14.13	14.41	15.27	15.55	17.09	16.86	17.14	18.00	18.27	19.82
	8H	14.19	14.43	15.34	15.57	17.15	17.01	17.26	18.16	18.39	19.98