

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: P935593

Luminaire Tested: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-8-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935593
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-8-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

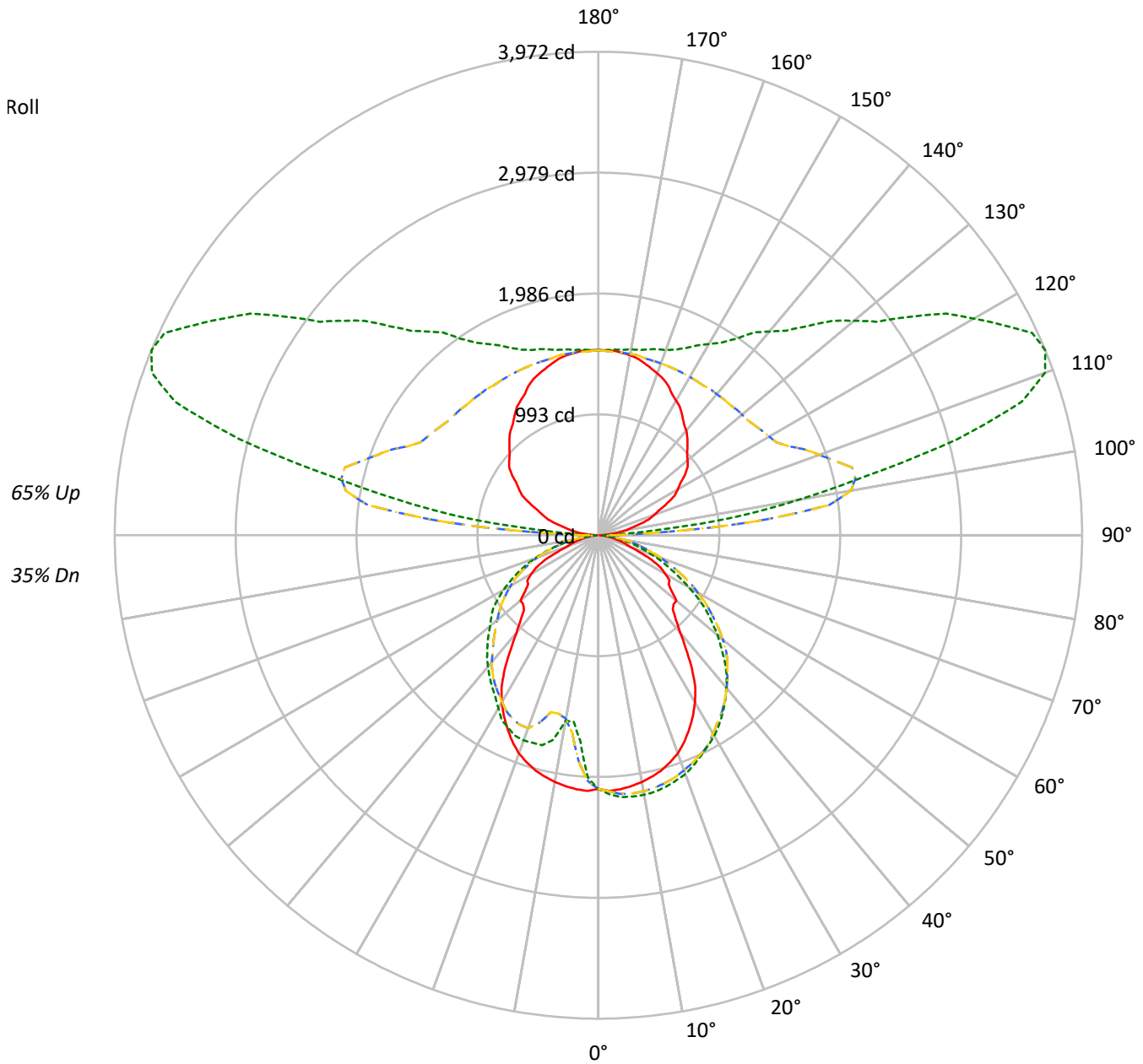
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15272.2 lumens
Efficiency: N/A
Efficacy: 137.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: 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	
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	0
RCR																		
0	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36	30
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30	25
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26	21
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22	18
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19	16
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17	14
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15	12
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13	11
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12	10
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11	9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9670	9670	9670	9670
5°	9743	9762	9743	7676
10°	9678	9616	9678	6874
15°	9572	9407	9572	7855
20°	9372	9161	9372	7872
25°	8962	8801	8962	7705
30°	8433	8502	8433	7339
35°	7518	8124	7518	6936
40°	6265	7679	6265	6632
45°	5597	7158	5597	6282
50°	5946	6537	5946	5932
55°	5595	5868	5595	5729
60°	5767	4983	5767	5247
65°	5229	4119	5229	4605
70°	3621	3283	3621	3860
75°	3175	2427	3175	2906
80°	2557	1605	2557	1747
85°	1472	850	1472	722

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8578 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.1	1.2
10°-20°	534.2	3.5
20°-30°	825.8	5.4
30°-40°	985.8	6.5
40°-50°	991.6	6.5
50°-60°	862.8	5.6
60°-70°	611.8	4.0
70°-80°	323.7	2.1
80°-90°	86.4	0.6
90°-100°	741.6	4.9
100°-110°	1949.6	12.8
110°-120°	2021.5	13.2
120°-130°	1621.5	10.6
130°-140°	1272.3	8.3
140°-150°	976.6	6.4
150°-160°	703.3	4.6
160°-170°	430.3	2.8
170°-180°	145.4	1.0
0°-30°	1548.1	10.1
0°-40°	2533.9	16.6
0°-60°	4388.3	28.7
0°-90°	5410.1	35.4
90°-120°	4712.7	30.9
90°-150°	8583.1	56.2
90°-180°	9862.0	64.6
0°-180°	15272.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2084	2084	2084	2084	2084	
5°	2094	2159	2094	1698	2094	199
15°	2000	2140	2000	1786	2000	563
25°	1761	1996	1761	1747	1761	809
35°	1339	1781	1339	1520	1339	828
45°	864	1467	864	1288	864	692
55°	704	1083	704	1057	704	647
65°	489	653	489	730	489	467
75°	185	310	185	371	185	195
85°	32	79	32	67	32	43
90°	10	39	10	39	10	10
95°	98	448	98	448	98	109
105°	351	3053	351	3053	351	372
115°	624	3931	624	3931	624	616
125°	868	3130	868	3130	868	771
135°	1034	2429	1034	2429	1034	800
145°	1200	1970	1200	1970	1200	752
155°	1356	1697	1356	1697	1356	623
165°	1463	1581	1463	1581	1463	413
175°	1521	1532	1521	1532	1521	144
180°	1521	1521	1521	1521	1521	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	2102.1	2102.1	2113.9	2117.8	2117.8	2111.9	2106.0	2111.9	2129.7	2135.6	2133.6
5°	2094.2	2109.9	2131.6	2135.6	2139.5	2137.5	2133.6	2137.5	2157.3	2161.2	2163.2
7.5°	2078.4	2108.0	2135.6	2141.5	2147.4	2141.5	2139.5	2143.5	2163.2	2167.1	2167.1
10°	2058.7	2100.1	2131.6	2135.6	2141.5	2135.6	2135.6	2143.5	2163.2	2167.1	2169.1
12.5°	2031.1	2088.2	2117.8	2121.8	2129.7	2127.7	2125.7	2133.6	2153.3	2157.3	2157.3
15°	1999.5	2066.6	2094.2	2098.1	2111.9	2108.0	2108.0	2115.9	2137.5	2143.5	2141.5
17.5°	1956.1	2038.9	2070.5	2076.4	2086.3	2084.3	2086.3	2094.2	2113.9	2117.8	2119.8
20°	1906.8	2001.5	2038.9	2044.9	2054.7	2054.7	2054.7	2064.6	2084.3	2092.2	2092.2
22.5°	1839.8	1962.0	2001.5	2005.4	2017.3	2017.3	2021.2	2035.0	2052.8	2054.7	2054.7
25°	1760.9	1918.7	1952.2	1964.0	1975.8	1981.8	1987.7	1995.6	2001.5	1999.5	2001.5
27.5°	1678.1	1863.4	1906.8	1914.7	1930.5	1936.4	1944.3	1946.3	1948.2	1954.2	1950.2
30°	1585.4	1786.5	1851.6	1859.5	1885.1	1889.1	1881.2	1885.1	1895.0	1898.9	1902.9
32.5°	1480.9	1672.2	1794.4	1812.2	1835.8	1824.0	1822.0	1827.9	1843.7	1843.7	1847.7
35°	1338.9	1583.4	1741.2	1757.0	1774.7	1760.9	1768.8	1770.8	1780.6	1786.5	1784.6
37.5°	1183.1	1506.5	1686.0	1697.8	1711.6	1693.8	1705.7	1711.6	1719.5	1715.5	1715.5
40°	1045.2	1386.2	1620.9	1628.8	1640.6	1626.8	1638.6	1642.6	1646.5	1642.6	1640.6
42.5°	942.6	1254.1	1551.9	1561.7	1553.8	1563.7	1567.6	1575.5	1569.6	1561.7	1561.7
45°	863.7	1218.6	1476.9	1488.8	1476.9	1492.7	1498.6	1498.6	1480.9	1476.9	1475.0
47.5°	838.1	1147.7	1402.0	1402.0	1396.1	1415.8	1425.7	1411.9	1394.1	1388.2	1388.2
50°	836.1	1068.8	1299.4	1291.6	1319.2	1342.8	1333.0	1319.2	1305.4	1283.7	1283.7
52.5°	759.2	972.2	1167.4	1196.9	1240.3	1254.1	1238.3	1224.5	1200.8	1191.0	1183.1
55°	704.0	871.6	1047.1	1106.3	1151.6	1169.4	1139.8	1126.0	1090.5	1084.6	1080.7
57.5°	692.2	725.7	936.7	1011.6	1066.9	1064.9	1047.1	1021.5	991.9	986.0	984.0
60°	635.0	524.6	818.4	907.1	964.3	958.4	942.6	919.0	891.3	887.4	883.5
62.5°	575.8	380.6	684.3	784.9	865.7	863.7	849.9	814.4	794.7	784.9	777.0
65°	489.1	319.5	487.1	652.7	769.1	773.0	743.4	717.8	696.1	684.3	682.3
67.5°	372.7	260.3	329.3	544.3	676.4	672.5	635.0	623.2	595.5	589.6	577.8
70°	276.1	173.5	228.8	441.7	585.7	575.8	546.2	532.4	506.8	493.0	485.1
72.5°	228.8	140.0	167.6	343.1	493.0	481.2	455.5	439.8	418.1	406.2	398.3
75°	185.4	147.9	128.2	254.4	400.3	392.4	368.8	353.0	335.2	319.5	321.4
77.5°	136.1	138.0	102.5	187.3	317.5	305.7	291.9	272.1	264.2	248.5	248.5
80°	102.5	108.5	76.9	128.2	228.8	228.8	216.9	203.1	189.3	181.4	181.4
82.5°	69.0	69.0	57.2	80.9	155.8	149.9	142.0	138.0	130.2	126.2	126.2
85°	31.6	39.4	35.5	49.3	84.8	88.7	88.7	84.8	82.8	78.9	80.9
87.5°	9.9	17.7	21.7	27.6	43.4	45.4	47.3	47.3	47.3	49.3	49.3
90°	10.3	18.4	26.5	28.6	45.0	66.8	77.6	68.9	51.7	38.7	38.7
92.5°	40.8	110.2	179.7	197.1	277.1	383.7	437.0	383.0	275.0	193.9	186.3
95°	98.0	225.1	352.2	383.9	681.7	1078.8	1277.3	1139.8	864.8	658.5	635.2
97.5°	169.5	281.6	393.7	421.7	918.3	1580.4	1911.4	1824.5	1650.7	1520.3	1475.8
100°	224.6	326.3	427.9	453.4	1004.3	1739.0	2106.4	2112.7	2125.4	2135.0	2082.0
102.5°	271.5	366.4	461.3	485.0	1043.9	1789.0	2161.5	2272.2	2493.7	2659.7	2614.4
105°	351.2	431.6	511.8	531.9	1073.1	1794.6	2155.4	2403.6	2900.0	3272.3	3248.0
107.5°	433.0	507.8	582.6	601.4	1078.5	1714.8	2032.8	2379.1	3071.6	3590.9	3596.8
110°	488.1	555.7	623.3	640.2	1070.4	1644.0	1930.8	2317.9	3092.0	3672.6	3698.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	542.2	606.6	671.1	687.1	1070.7	1582.1	1837.8	2234.0	3026.2	3620.5	3659.5
115°	623.8	683.3	742.7	757.5	1080.6	1511.2	1726.6	2108.2	2871.4	3443.9	3498.0
117.5°	704.5	758.5	812.5	826.0	1100.7	1466.9	1650.0	1994.4	2683.2	3199.9	3259.9
120°	751.4	802.3	853.1	865.8	1116.9	1451.9	1619.3	1934.0	2563.4	3035.5	3093.8
122.5°	797.4	848.7	899.9	912.7	1140.4	1444.0	1595.8	1879.2	2446.1	2871.1	2928.6
125°	867.9	914.6	961.4	973.0	1172.1	1437.6	1570.3	1811.1	2292.5	2653.6	2706.6
127.5°	925.1	972.3	1019.4	1031.3	1203.8	1433.8	1548.9	1755.6	2169.0	2479.0	2523.7
130°	955.6	1006.5	1057.3	1070.0	1226.9	1436.1	1540.7	1724.7	2092.8	2368.8	2410.1
132.5°	987.3	1038.2	1088.9	1101.7	1245.6	1437.6	1533.5	1698.3	2027.7	2274.8	2311.8
135°	1034.3	1080.6	1126.9	1138.4	1266.0	1436.2	1521.3	1659.2	1935.1	2142.1	2173.9
137.5°	1082.2	1128.1	1173.9	1185.4	1296.7	1445.1	1519.2	1635.9	1869.2	2044.1	2070.2
140°	1122.1	1164.3	1206.5	1217.0	1315.4	1446.6	1512.1	1612.9	1814.3	1965.5	1989.8
142.5°	1152.7	1191.8	1230.7	1240.5	1331.0	1451.8	1512.1	1600.6	1777.6	1910.3	1931.3
145°	1199.7	1233.7	1267.8	1276.3	1351.5	1451.8	1501.9	1574.2	1719.1	1827.6	1843.5
147.5°	1246.7	1279.8	1313.0	1321.2	1381.5	1461.7	1501.9	1558.9	1672.7	1758.2	1771.3
150°	1277.3	1307.2	1337.2	1344.7	1397.1	1467.0	1501.9	1550.0	1646.2	1718.4	1729.0
152.5°	1308.9	1331.6	1354.3	1360.0	1407.3	1470.3	1501.9	1543.0	1625.1	1686.8	1694.8
155°	1355.9	1372.7	1389.5	1393.7	1429.8	1477.8	1501.9	1534.6	1600.0	1649.0	1654.3
157.5°	1390.7	1406.9	1423.3	1427.3	1452.2	1485.3	1501.9	1527.3	1578.1	1616.3	1620.0
160°	1414.1	1426.8	1439.6	1442.7	1462.4	1488.8	1501.9	1523.7	1567.2	1599.9	1602.1
162.5°	1437.6	1447.1	1456.6	1459.0	1473.3	1492.3	1501.9	1520.2	1557.0	1584.6	1586.7
165°	1463.1	1471.8	1480.4	1482.5	1489.0	1497.5	1501.9	1515.1	1541.4	1561.1	1563.3
167.5°	1486.6	1490.6	1494.8	1495.8	1501.2	1508.5	1512.1	1520.7	1538.0	1550.9	1551.8
170°	1501.9	1506.0	1510.2	1511.1	1511.4	1511.9	1512.1	1520.7	1538.0	1550.9	1550.9
172.5°	1510.1	1510.9	1511.9	1512.1	1512.1	1512.1	1512.1	1518.9	1532.5	1542.8	1542.0
175°	1521.3	1521.3	1521.3	1521.3	1518.2	1514.2	1512.1	1516.5	1525.0	1531.6	1531.6
177.5°	1521.3	1521.3	1521.3	1521.3	1518.9	1515.8	1514.2	1517.6	1524.4	1529.5	1528.6
180°	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	2137.5	2131.6	2137.5	2133.6	2135.6	2129.7	2111.9	2106.0	2111.9	2117.8	2117.8
5°	2163.2	2159.2	2163.2	2163.2	2161.2	2157.3	2137.5	2133.6	2137.5	2139.5	2135.6
7.5°	2171.1	2165.2	2171.1	2167.1	2167.1	2163.2	2143.5	2139.5	2141.5	2147.4	2141.5
10°	2171.1	2165.2	2171.1	2169.1	2167.1	2163.2	2143.5	2135.6	2135.6	2141.5	2135.6
12.5°	2161.2	2157.3	2161.2	2157.3	2157.3	2153.3	2133.6	2125.7	2127.7	2129.7	2121.8
15°	2145.4	2139.5	2145.4	2141.5	2143.5	2137.5	2115.9	2108.0	2108.0	2111.9	2098.1
17.5°	2121.8	2113.9	2121.8	2119.8	2117.8	2113.9	2094.2	2086.3	2084.3	2086.3	2076.4
20°	2094.2	2088.2	2094.2	2092.2	2092.2	2084.3	2064.6	2054.7	2054.7	2054.7	2044.9
22.5°	2050.8	2044.9	2050.8	2054.7	2054.7	2052.8	2035.0	2021.2	2017.3	2017.3	2005.4
25°	2001.5	1995.6	2001.5	2001.5	1999.5	2001.5	1995.6	1987.7	1981.8	1975.8	1964.0
27.5°	1954.2	1950.2	1954.2	1950.2	1954.2	1948.2	1946.3	1944.3	1936.4	1930.5	1914.7
30°	1906.8	1902.9	1906.8	1902.9	1898.9	1895.0	1885.1	1881.2	1889.1	1885.1	1859.5
32.5°	1847.7	1843.7	1847.7	1847.7	1843.7	1843.7	1827.9	1822.0	1824.0	1835.8	1812.2
35°	1786.5	1780.6	1786.5	1784.6	1786.5	1780.6	1770.8	1768.8	1760.9	1774.7	1757.0
37.5°	1715.5	1709.6	1715.5	1715.5	1715.5	1719.5	1711.6	1705.7	1693.8	1711.6	1697.8
40°	1642.6	1634.7	1642.6	1640.6	1642.6	1646.5	1642.6	1638.6	1626.8	1640.6	1628.8
42.5°	1559.8	1557.8	1559.8	1561.7	1561.7	1569.6	1575.5	1567.6	1563.7	1553.8	1561.7
45°	1471.0	1467.1	1471.0	1475.0	1476.9	1480.9	1498.6	1498.6	1492.7	1476.9	1488.8
47.5°	1376.4	1366.5	1376.4	1388.2	1388.2	1394.1	1411.9	1425.7	1415.8	1396.1	1402.0
50°	1275.8	1277.8	1275.8	1283.7	1283.7	1305.4	1319.2	1333.0	1342.8	1319.2	1291.6
52.5°	1177.2	1175.3	1177.2	1183.1	1191.0	1200.8	1224.5	1238.3	1254.1	1240.3	1196.9
55°	1078.7	1082.6	1078.7	1080.7	1084.6	1090.5	1126.0	1139.8	1169.4	1151.6	1106.3
57.5°	980.1	974.2	980.1	984.0	986.0	991.9	1021.5	1047.1	1064.9	1066.9	1011.6
60°	865.7	857.8	865.7	883.5	887.4	891.3	919.0	942.6	958.4	964.3	907.1
62.5°	765.1	751.3	765.1	777.0	784.9	794.7	814.4	849.9	863.7	865.7	784.9
65°	658.6	652.7	658.6	682.3	684.3	696.1	717.8	743.4	773.0	769.1	652.7
67.5°	562.0	562.0	562.0	577.8	589.6	595.5	623.2	635.0	672.5	676.4	544.3
70°	473.3	471.3	473.3	485.1	493.0	506.8	532.4	546.2	575.8	585.7	441.7
72.5°	388.5	386.5	388.5	398.3	406.2	418.1	439.8	455.5	481.2	493.0	343.1
75°	313.5	309.6	313.5	321.4	319.5	335.2	353.0	368.8	392.4	400.3	254.4
77.5°	240.6	240.6	240.6	248.5	248.5	264.2	272.1	291.9	305.7	317.5	187.3
80°	179.5	177.5	179.5	181.4	181.4	189.3	203.1	216.9	228.8	228.8	128.2
82.5°	126.2	122.3	126.2	126.2	126.2	130.2	138.0	142.0	149.9	155.8	80.9
85°	78.9	78.9	78.9	80.9	78.9	82.8	84.8	88.7	88.7	84.8	49.3
87.5°	51.3	49.3	51.3	49.3	49.3	47.3	47.3	47.3	45.4	43.4	27.6
90°	38.7	38.7	38.7	38.7	38.7	51.7	68.9	77.6	66.8	45.0	28.6
92.5°	155.4	124.5	155.4	186.3	193.9	275.0	383.0	437.0	383.7	277.1	197.1
95°	541.7	448.2	541.7	635.2	658.5	864.8	1139.8	1277.3	1078.8	681.7	383.9
97.5°	1298.0	1120.1	1298.0	1475.8	1520.3	1650.7	1824.5	1911.4	1580.4	918.3	421.7
100°	1870.0	1658.2	1870.0	2082.0	2135.0	2125.4	2112.7	2106.4	1739.0	1004.3	453.4
102.5°	2432.9	2251.3	2432.9	2614.4	2659.7	2493.7	2272.2	2161.5	1789.0	1043.9	485.0
105°	3150.4	3052.9	3150.4	3248.0	3272.3	2900.0	2403.6	2155.4	1794.6	1073.1	531.9
107.5°	3620.4	3644.0	3620.4	3596.8	3590.9	3071.6	2379.1	2032.8	1714.8	1078.5	601.4
110°	3799.6	3901.3	3799.6	3698.0	3672.6	3092.0	2317.9	1930.8	1644.0	1070.4	640.2



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3815.6	3971.7	3815.6	3659.5	3620.5	3026.2	2234.0	1837.8	1582.1	1070.7	687.1
115°	3714.5	3930.9	3714.5	3498.0	3443.9	2871.4	2108.2	1726.6	1511.2	1080.6	757.5
117.5°	3499.9	3740.0	3499.9	3259.9	3199.9	2683.2	1994.4	1650.0	1466.9	1100.7	826.0
120°	3327.1	3560.2	3327.1	3093.8	3035.5	2563.4	1934.0	1619.3	1451.9	1116.9	865.8
122.5°	3158.7	3388.8	3158.7	2928.6	2871.1	2446.1	1879.2	1595.8	1444.0	1140.4	912.7
125°	2918.6	3130.5	2918.6	2706.6	2653.6	2292.5	1811.1	1570.3	1437.6	1172.1	973.0
127.5°	2702.5	2881.3	2702.5	2523.7	2479.0	2169.0	1755.6	1548.9	1433.8	1203.8	1031.3
130°	2575.2	2740.4	2575.2	2410.1	2368.8	2092.8	1724.7	1540.7	1436.1	1226.9	1070.0
132.5°	2459.8	2607.7	2459.8	2311.8	2274.8	2027.7	1698.3	1533.5	1437.6	1245.6	1101.7
135°	2301.5	2429.0	2301.5	2173.9	2142.1	1935.1	1659.2	1521.3	1436.2	1266.0	1138.4
137.5°	2174.5	2278.9	2174.5	2070.2	2044.1	1869.2	1635.9	1519.2	1445.1	1296.7	1185.4
140°	2087.5	2185.0	2087.5	1989.8	1965.5	1814.3	1612.9	1512.1	1446.6	1315.4	1217.0
142.5°	2015.2	2099.2	2015.2	1931.3	1910.3	1777.6	1600.6	1512.1	1451.8	1331.0	1240.5
145°	1907.0	1970.5	1907.0	1843.5	1827.6	1719.1	1574.2	1501.9	1451.8	1351.5	1276.3
147.5°	1824.0	1876.7	1824.0	1771.3	1758.2	1672.7	1558.9	1501.9	1461.7	1381.5	1321.2
150°	1771.7	1814.3	1771.7	1729.0	1718.4	1646.2	1550.0	1501.9	1467.0	1397.1	1344.7
152.5°	1727.0	1759.2	1727.0	1694.8	1686.8	1625.1	1543.0	1501.9	1470.3	1407.3	1360.0
155°	1675.6	1696.9	1675.6	1654.3	1649.0	1600.0	1534.6	1501.9	1477.8	1429.8	1393.7
157.5°	1635.0	1650.0	1635.0	1620.0	1616.3	1578.1	1527.3	1501.9	1485.3	1452.2	1427.3
160°	1610.6	1619.3	1610.6	1602.1	1599.9	1567.2	1523.7	1501.9	1488.8	1462.4	1442.7
162.5°	1594.9	1603.0	1594.9	1586.7	1584.6	1557.0	1520.2	1501.9	1492.3	1473.3	1459.0
165°	1571.9	1580.6	1571.9	1563.3	1561.1	1541.4	1515.1	1501.9	1497.5	1489.0	1482.5
167.5°	1555.4	1559.1	1555.4	1551.8	1550.9	1538.0	1520.7	1512.1	1508.5	1501.2	1495.8
170°	1550.9	1550.9	1550.9	1550.9	1550.9	1538.0	1520.7	1512.1	1511.9	1511.4	1511.1
172.5°	1538.8	1535.6	1538.8	1542.0	1542.8	1532.5	1518.9	1512.1	1512.1	1512.1	1512.1
175°	1531.6	1531.6	1531.6	1531.6	1531.6	1525.0	1516.5	1512.1	1514.2	1518.2	1521.3
177.5°	1524.9	1521.3	1524.9	1528.6	1529.5	1524.4	1517.6	1514.2	1515.8	1518.9	1521.3
180°	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	2113.9	2102.1	2102.1	2082.3	2074.4	2068.5	2058.7	2029.1	2021.2	2013.3	2025.1
5°	2131.6	2109.9	2094.2	2058.7	2029.1	2017.3	1979.8	1908.8	1861.5	1826.0	1806.3
7.5°	2135.6	2108.0	2078.4	2023.2	1952.2	1920.6	1806.3	1676.1	1640.6	1609.1	1589.3
10°	2131.6	2100.1	2058.7	1975.8	1808.2	1753.0	1638.6	1553.8	1532.1	1526.2	1532.1
12.5°	2117.8	2088.2	2031.1	1893.0	1658.4	1620.9	1553.8	1504.5	1500.6	1510.5	1563.7
15°	2094.2	2066.6	1999.5	1782.6	1575.5	1547.9	1500.6	1482.8	1504.5	1573.6	1733.3
17.5°	2070.5	2038.9	1956.1	1674.1	1512.4	1492.7	1459.2	1494.7	1616.9	1709.6	1762.9
20°	2038.9	2001.5	1906.8	1595.2	1467.1	1449.3	1433.5	1593.3	1686.0	1719.5	1749.1
22.5°	2001.5	1962.0	1839.8	1540.0	1419.7	1405.9	1415.8	1648.5	1686.0	1709.6	1735.3
25°	1952.2	1918.7	1760.9	1496.6	1382.3	1366.5	1404.0	1642.6	1664.3	1670.2	1721.5
27.5°	1906.8	1863.4	1678.1	1457.2	1336.9	1331.0	1413.8	1616.9	1632.7	1638.6	1693.8
30°	1851.6	1786.5	1585.4	1415.8	1289.6	1287.6	1415.8	1585.4	1581.4	1597.2	1652.4
32.5°	1794.4	1672.2	1480.9	1364.5	1244.2	1242.3	1402.0	1538.1	1534.1	1555.8	1597.2
35°	1741.2	1583.4	1338.9	1305.4	1187.0	1189.0	1368.5	1482.8	1484.8	1504.5	1530.2
37.5°	1686.0	1506.5	1183.1	1240.3	1131.9	1131.9	1323.1	1431.6	1427.6	1433.5	1469.0
40°	1620.9	1386.2	1045.2	1155.6	1080.7	1074.7	1267.9	1376.4	1362.6	1360.6	1409.9
42.5°	1551.9	1254.1	942.6	1043.2	1021.5	1013.6	1200.8	1309.3	1283.7	1289.6	1352.7
45°	1476.9	1218.6	863.7	881.5	960.4	954.4	1128.0	1232.4	1214.7	1230.4	1295.5
47.5°	1402.0	1147.7	838.1	731.6	895.3	893.3	1047.1	1157.6	1147.7	1163.5	1232.4
50°	1299.4	1068.8	836.1	627.1	822.3	830.2	950.5	1084.6	1084.6	1098.4	1171.4
52.5°	1167.4	972.2	759.2	567.9	737.5	761.2	865.7	1021.5	1025.4	1039.2	1104.3
55°	1047.1	871.6	704.0	522.6	637.0	688.2	782.9	956.4	964.3	978.1	1037.3
57.5°	936.7	725.7	692.2	469.3	544.3	593.6	709.9	893.3	897.3	909.1	966.3
60°	818.4	524.6	635.0	412.1	463.4	500.9	642.9	818.4	832.2	840.1	889.4
62.5°	684.3	380.6	575.8	372.7	424.0	431.9	587.7	747.4	765.1	771.1	800.6
65°	487.1	319.5	489.1	339.2	382.6	384.5	528.5	674.4	690.2	700.1	721.8
67.5°	329.3	260.3	372.7	307.6	351.0	353.0	471.3	589.6	611.3	619.2	633.0
70°	228.8	173.5	276.1	274.1	315.5	319.5	410.2	512.7	532.4	538.4	546.2
72.5°	167.6	140.0	228.8	246.5	278.1	282.0	347.1	426.0	445.7	451.6	455.5
75°	128.2	147.9	185.4	214.9	236.6	238.6	284.0	347.1	360.9	364.8	366.8
77.5°	102.5	138.0	136.1	173.5	193.3	189.3	222.8	268.2	280.0	280.0	280.0
80°	76.9	108.5	102.5	124.2	142.0	138.0	159.7	191.3	195.2	199.2	197.2
82.5°	57.2	69.0	69.0	78.9	94.7	90.7	106.5	124.2	124.2	124.2	128.2
85°	35.5	39.4	31.6	41.4	53.2	51.3	59.2	67.0	69.0	69.0	65.1
87.5°	21.7	17.7	9.9	15.8	23.7	23.7	27.6	29.6	27.6	27.6	27.6
90°	26.5	18.4	10.3	18.4	26.5	28.6	45.0	66.8	77.6	68.9	51.7
92.5°	179.7	110.2	40.8	110.2	179.7	197.1	277.1	383.7	437.0	383.0	275.0
95°	352.2	225.1	98.0	225.1	352.2	383.9	681.7	1078.8	1277.3	1139.8	864.8
97.5°	393.7	281.6	169.5	281.6	393.7	421.7	918.3	1580.4	1911.4	1824.5	1650.7
100°	427.9	326.3	224.6	326.3	427.9	453.4	1004.3	1739.0	2106.4	2112.7	2125.4
102.5°	461.3	366.4	271.5	366.4	461.3	485.0	1043.9	1789.0	2161.5	2272.2	2493.7
105°	511.8	431.6	351.2	431.6	511.8	531.9	1073.1	1794.6	2155.4	2403.6	2900.0
107.5°	582.6	507.8	433.0	507.8	582.6	601.4	1078.5	1714.8	2032.8	2379.1	3071.6
110°	623.3	555.7	488.1	555.7	623.3	640.2	1070.4	1644.0	1930.8	2317.9	3092.0



TEST NUMBER: P935593

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	671.1	606.6	542.2	606.6	671.1	687.1	1070.7	1582.1	1837.8	2234.0	3026.2
115°	742.7	683.3	623.8	683.3	742.7	757.5	1080.6	1511.2	1726.6	2108.2	2871.4
117.5°	812.5	758.5	704.5	758.5	812.5	826.0	1100.7	1466.9	1650.0	1994.4	2683.2
120°	853.1	802.3	751.4	802.3	853.1	865.8	1116.9	1451.9	1619.3	1934.0	2563.4
122.5°	899.9	848.7	797.4	848.7	899.9	912.7	1140.4	1444.0	1595.8	1879.2	2446.1
125°	961.4	914.6	867.9	914.6	961.4	973.0	1172.1	1437.6	1570.3	1811.1	2292.5
127.5°	1019.4	972.3	925.1	972.3	1019.4	1031.3	1203.8	1433.8	1548.9	1755.6	2169.0
130°	1057.3	1006.5	955.6	1006.5	1057.3	1070.0	1226.9	1436.1	1540.7	1724.7	2092.8
132.5°	1088.9	1038.2	987.3	1038.2	1088.9	1101.7	1245.6	1437.6	1533.5	1698.3	2027.7
135°	1126.9	1080.6	1034.3	1080.6	1126.9	1138.4	1266.0	1436.2	1521.3	1659.2	1935.1
137.5°	1173.9	1128.1	1082.2	1128.1	1173.9	1185.4	1296.7	1445.1	1519.2	1635.9	1869.2
140°	1206.5	1164.3	1122.1	1164.3	1206.5	1217.0	1315.4	1446.6	1512.1	1612.9	1814.3
142.5°	1230.7	1191.8	1152.7	1191.8	1230.7	1240.5	1331.0	1451.8	1512.1	1600.6	1777.6
145°	1267.8	1233.7	1199.7	1233.7	1267.8	1276.3	1351.5	1451.8	1501.9	1574.2	1719.1
147.5°	1313.0	1279.8	1246.7	1279.8	1313.0	1321.2	1381.5	1461.7	1501.9	1558.9	1672.7
150°	1337.2	1307.2	1277.3	1307.2	1337.2	1344.7	1397.1	1467.0	1501.9	1550.0	1646.2
152.5°	1354.3	1331.6	1308.9	1331.6	1354.3	1360.0	1407.3	1470.3	1501.9	1543.0	1625.1
155°	1389.5	1372.7	1355.9	1372.7	1389.5	1393.7	1429.8	1477.8	1501.9	1534.6	1600.0
157.5°	1423.3	1406.9	1390.7	1406.9	1423.3	1427.3	1452.2	1485.3	1501.9	1527.3	1578.1
160°	1439.6	1426.8	1414.1	1426.8	1439.6	1442.7	1462.4	1488.8	1501.9	1523.7	1567.2
162.5°	1456.6	1447.1	1437.6	1447.1	1456.6	1459.0	1473.3	1492.3	1501.9	1520.2	1557.0
165°	1480.4	1471.8	1463.1	1471.8	1480.4	1482.5	1489.0	1497.5	1501.9	1515.1	1541.4
167.5°	1494.8	1490.6	1486.6	1490.6	1494.8	1495.8	1501.2	1508.5	1512.1	1520.7	1538.0
170°	1510.2	1506.0	1501.9	1506.0	1510.2	1511.1	1511.4	1511.9	1512.1	1520.7	1538.0
172.5°	1511.9	1510.9	1510.1	1510.9	1511.9	1512.1	1512.1	1512.1	1512.1	1518.9	1532.5
175°	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1518.2	1514.2	1512.1	1516.5	1525.0
177.5°	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1518.9	1515.8	1514.2	1517.6	1524.4
180°	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3



TEST NUMBER: P935593

CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	2011.3	2005.4	2013.3	1991.6	2013.3	2005.4	2011.3	2025.1	2013.3	2021.2	2029.1
5°	1764.8	1755.0	1723.4	1697.8	1723.4	1755.0	1764.8	1806.3	1826.0	1861.5	1908.8
7.5°	1577.5	1569.6	1561.7	1545.9	1561.7	1569.6	1577.5	1589.3	1609.1	1640.6	1676.1
10°	1536.1	1538.1	1549.9	1547.9	1549.9	1538.1	1536.1	1532.1	1526.2	1532.1	1553.8
12.5°	1642.6	1660.3	1725.4	1721.5	1725.4	1660.3	1642.6	1563.7	1510.5	1500.6	1504.5
15°	1764.8	1770.8	1784.6	1786.5	1784.6	1770.8	1764.8	1733.3	1573.6	1504.5	1482.8
17.5°	1776.7	1778.6	1788.5	1788.5	1788.5	1778.6	1776.7	1762.9	1709.6	1616.9	1494.7
20°	1766.8	1770.8	1790.5	1794.4	1790.5	1770.8	1766.8	1749.1	1719.5	1686.0	1593.3
22.5°	1762.9	1770.8	1786.5	1784.6	1786.5	1770.8	1762.9	1735.3	1709.6	1686.0	1648.5
25°	1743.1	1743.1	1745.1	1747.1	1745.1	1743.1	1743.1	1721.5	1670.2	1664.3	1642.6
27.5°	1701.7	1705.7	1717.5	1715.5	1717.5	1705.7	1701.7	1693.8	1638.6	1632.7	1616.9
30°	1664.3	1660.3	1650.5	1642.6	1650.5	1660.3	1664.3	1652.4	1597.2	1581.4	1585.4
32.5°	1601.2	1591.3	1581.4	1575.5	1581.4	1591.3	1601.2	1597.2	1555.8	1534.1	1538.1
35°	1526.2	1528.2	1526.2	1520.3	1526.2	1528.2	1526.2	1530.2	1504.5	1484.8	1482.8
37.5°	1473.0	1476.9	1475.0	1467.1	1475.0	1476.9	1473.0	1469.0	1433.5	1427.6	1431.6
40°	1417.8	1419.7	1417.8	1411.9	1417.8	1419.7	1417.8	1409.9	1360.6	1362.6	1376.4
42.5°	1364.5	1362.6	1356.6	1352.7	1356.6	1362.6	1364.5	1352.7	1289.6	1283.7	1309.3
45°	1303.4	1305.4	1293.5	1287.6	1293.5	1305.4	1303.4	1295.5	1230.4	1214.7	1232.4
47.5°	1242.3	1242.3	1232.4	1226.5	1232.4	1242.3	1242.3	1232.4	1163.5	1147.7	1157.6
50°	1177.2	1175.3	1161.5	1159.5	1161.5	1175.3	1177.2	1171.4	1098.4	1084.6	1084.6
52.5°	1102.3	1102.3	1104.3	1108.3	1104.3	1102.3	1102.3	1104.3	1039.2	1025.4	1021.5
55°	1037.3	1039.2	1053.0	1057.0	1053.0	1039.2	1037.3	1037.3	978.1	964.3	956.4
57.5°	970.2	970.2	980.1	980.1	980.1	970.2	970.2	966.3	909.1	897.3	893.3
60°	893.3	897.3	905.1	903.2	905.1	897.3	893.3	889.4	840.1	832.2	818.4
62.5°	812.5	816.4	818.4	814.4	818.4	816.4	812.5	800.6	771.1	765.1	747.4
65°	727.7	731.6	733.6	729.6	733.6	731.6	727.7	721.8	700.1	690.2	674.4
67.5°	640.9	638.9	637.0	644.8	637.0	638.9	640.9	633.0	619.2	611.3	589.6
70°	552.2	552.2	550.2	554.1	550.2	552.2	552.2	546.2	538.4	532.4	512.7
72.5°	457.5	455.5	463.4	457.5	463.4	455.5	457.5	455.5	451.6	445.7	426.0
75°	364.8	368.8	364.8	370.7	364.8	368.8	364.8	366.8	364.8	360.9	347.1
77.5°	278.1	282.0	278.1	278.1	278.1	282.0	278.1	280.0	280.0	280.0	268.2
80°	197.2	195.2	195.2	193.3	195.2	195.2	197.2	197.2	199.2	195.2	191.3
82.5°	126.2	124.2	124.2	128.2	124.2	124.2	126.2	128.2	124.2	124.2	124.2
85°	69.0	71.0	67.0	67.0	67.0	71.0	69.0	65.1	69.0	69.0	67.0
87.5°	25.6	23.7	23.7	23.7	23.7	23.7	25.6	27.6	27.6	27.6	29.6
90°	38.7	38.7	38.7	38.7	38.7	38.7	38.7	51.7	68.9	77.6	66.8
92.5°	193.9	186.3	155.4	124.5	155.4	186.3	193.9	275.0	383.0	437.0	383.7
95°	658.5	635.2	541.7	448.2	541.7	635.2	658.5	864.8	1139.8	1277.3	1078.8
97.5°	1520.3	1475.8	1298.0	1120.1	1298.0	1475.8	1520.3	1650.7	1824.5	1911.4	1580.4
100°	2135.0	2082.0	1870.0	1658.2	1870.0	2082.0	2135.0	2125.4	2112.7	2106.4	1739.0
102.5°	2659.7	2614.4	2432.9	2251.3	2432.9	2614.4	2659.7	2493.7	2272.2	2161.5	1789.0
105°	3272.3	3248.0	3150.4	3052.9	3150.4	3248.0	3272.3	2900.0	2403.6	2155.4	1794.6
107.5°	3590.9	3596.8	3620.4	3644.0	3620.4	3596.8	3590.9	3071.6	2379.1	2032.8	1714.8
110°	3672.6	3698.0	3799.6	3901.3	3799.6	3698.0	3672.6	3092.0	2317.9	1930.8	1644.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3620.5	3659.5	3815.6	3971.7	3815.6	3659.5	3620.5	3026.2	2234.0	1837.8	1582.1
115°	3443.9	3498.0	3714.5	3930.9	3714.5	3498.0	3443.9	2871.4	2108.2	1726.6	1511.2
117.5°	3199.9	3259.9	3499.9	3740.0	3499.9	3259.9	3199.9	2683.2	1994.4	1650.0	1466.9
120°	3035.5	3093.8	3327.1	3560.2	3327.1	3093.8	3035.5	2563.4	1934.0	1619.3	1451.9
122.5°	2871.1	2928.6	3158.7	3388.8	3158.7	2928.6	2871.1	2446.1	1879.2	1595.8	1444.0
125°	2653.6	2706.6	2918.6	3130.5	2918.6	2706.6	2653.6	2292.5	1811.1	1570.3	1437.6
127.5°	2479.0	2523.7	2702.5	2881.3	2702.5	2523.7	2479.0	2169.0	1755.6	1548.9	1433.8
130°	2368.8	2410.1	2575.2	2740.4	2575.2	2410.1	2368.8	2092.8	1724.7	1540.7	1436.1
132.5°	2274.8	2311.8	2459.8	2607.7	2459.8	2311.8	2274.8	2027.7	1698.3	1533.5	1437.6
135°	2142.1	2173.9	2301.5	2429.0	2301.5	2173.9	2142.1	1935.1	1659.2	1521.3	1436.2
137.5°	2044.1	2070.2	2174.5	2278.9	2174.5	2070.2	2044.1	1869.2	1635.9	1519.2	1445.1
140°	1965.5	1989.8	2087.5	2185.0	2087.5	1989.8	1965.5	1814.3	1612.9	1512.1	1446.6
142.5°	1910.3	1931.3	2015.2	2099.2	2015.2	1931.3	1910.3	1777.6	1600.6	1512.1	1451.8
145°	1827.6	1843.5	1907.0	1970.5	1907.0	1843.5	1827.6	1719.1	1574.2	1501.9	1451.8
147.5°	1758.2	1771.3	1824.0	1876.7	1824.0	1771.3	1758.2	1672.7	1558.9	1501.9	1461.7
150°	1718.4	1729.0	1771.7	1814.3	1771.7	1729.0	1718.4	1646.2	1550.0	1501.9	1467.0
152.5°	1686.8	1694.8	1727.0	1759.2	1727.0	1694.8	1686.8	1625.1	1543.0	1501.9	1470.3
155°	1649.0	1654.3	1675.6	1696.9	1675.6	1654.3	1649.0	1600.0	1534.6	1501.9	1477.8
157.5°	1616.3	1620.0	1635.0	1650.0	1635.0	1620.0	1616.3	1578.1	1527.3	1501.9	1485.3
160°	1599.9	1602.1	1610.6	1619.3	1610.6	1602.1	1599.9	1567.2	1523.7	1501.9	1488.8
162.5°	1584.6	1586.7	1594.9	1603.0	1594.9	1586.7	1584.6	1557.0	1520.2	1501.9	1492.3
165°	1561.1	1563.3	1571.9	1580.6	1571.9	1563.3	1561.1	1541.4	1515.1	1501.9	1497.5
167.5°	1550.9	1551.8	1555.4	1559.1	1555.4	1551.8	1550.9	1538.0	1520.7	1512.1	1508.5
170°	1550.9	1550.9	1550.9	1550.9	1550.9	1550.9	1550.9	1538.0	1520.7	1512.1	1511.9
172.5°	1542.8	1542.0	1538.8	1535.6	1538.8	1542.0	1542.8	1532.5	1518.9	1512.1	1512.1
175°	1531.6	1531.6	1531.6	1531.6	1531.6	1531.6	1531.6	1525.0	1516.5	1512.1	1514.2
177.5°	1529.5	1528.6	1524.9	1521.3	1524.9	1528.6	1529.5	1524.4	1517.6	1514.2	1515.8
180°	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3	1521.3



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	2058.7	2068.5	2074.4	2082.3	2102.1
5°	1979.8	2017.3	2029.1	2058.7	2094.2
7.5°	1806.3	1920.6	1952.2	2023.2	2078.4
10°	1638.6	1753.0	1808.2	1975.8	2058.7
12.5°	1553.8	1620.9	1658.4	1893.0	2031.1
15°	1500.6	1547.9	1575.5	1782.6	1999.5
17.5°	1459.2	1492.7	1512.4	1674.1	1956.1
20°	1433.5	1449.3	1467.1	1595.2	1906.8
22.5°	1415.8	1405.9	1419.7	1540.0	1839.8
25°	1404.0	1366.5	1382.3	1496.6	1760.9
27.5°	1413.8	1331.0	1336.9	1457.2	1678.1
30°	1415.8	1287.6	1289.6	1415.8	1585.4
32.5°	1402.0	1242.3	1244.2	1364.5	1480.9
35°	1368.5	1189.0	1187.0	1305.4	1338.9
37.5°	1323.1	1131.9	1131.9	1240.3	1183.1
40°	1267.9	1074.7	1080.7	1155.6	1045.2
42.5°	1200.8	1013.6	1021.5	1043.2	942.6
45°	1128.0	954.4	960.4	881.5	863.7
47.5°	1047.1	893.3	895.3	731.6	838.1
50°	950.5	830.2	822.3	627.1	836.1
52.5°	865.7	761.2	737.5	567.9	759.2
55°	782.9	688.2	637.0	522.6	704.0
57.5°	709.9	593.6	544.3	469.3	692.2
60°	642.9	500.9	463.4	412.1	635.0
62.5°	587.7	431.9	424.0	372.7	575.8
65°	528.5	384.5	382.6	339.2	489.1
67.5°	471.3	353.0	351.0	307.6	372.7
70°	410.2	319.5	315.5	274.1	276.1
72.5°	347.1	282.0	278.1	246.5	228.8
75°	284.0	238.6	236.6	214.9	185.4
77.5°	222.8	189.3	193.3	173.5	136.1
80°	159.7	138.0	142.0	124.2	102.5
82.5°	106.5	90.7	94.7	78.9	69.0
85°	59.2	51.3	53.2	41.4	31.6
87.5°	27.6	23.7	23.7	15.8	9.9
90°	45.0	28.6	26.5	18.4	10.3
92.5°	277.1	197.1	179.7	110.2	40.8
95°	681.7	383.9	352.2	225.1	98.0
97.5°	918.3	421.7	393.7	281.6	169.5
100°	1004.3	453.4	427.9	326.3	224.6
102.5°	1043.9	485.0	461.3	366.4	271.5
105°	1073.1	531.9	511.8	431.6	351.2
107.5°	1078.5	601.4	582.6	507.8	433.0
110°	1070.4	640.2	623.3	555.7	488.1



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CATALOG NUMBER: SQ4-FA-125U-075D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1070.7	687.1	671.1	606.6	542.2
115°	1080.6	757.5	742.7	683.3	623.8
117.5°	1100.7	826.0	812.5	758.5	704.5
120°	1116.9	865.8	853.1	802.3	751.4
122.5°	1140.4	912.7	899.9	848.7	797.4
125°	1172.1	973.0	961.4	914.6	867.9
127.5°	1203.8	1031.3	1019.4	972.3	925.1
130°	1226.9	1070.0	1057.3	1006.5	955.6
132.5°	1245.6	1101.7	1088.9	1038.2	987.3
135°	1266.0	1138.4	1126.9	1080.6	1034.3
137.5°	1296.7	1185.4	1173.9	1128.1	1082.2
140°	1315.4	1217.0	1206.5	1164.3	1122.1
142.5°	1331.0	1240.5	1230.7	1191.8	1152.7
145°	1351.5	1276.3	1267.8	1233.7	1199.7
147.5°	1381.5	1321.2	1313.0	1279.8	1246.7
150°	1397.1	1344.7	1337.2	1307.2	1277.3
152.5°	1407.3	1360.0	1354.3	1331.6	1308.9
155°	1429.8	1393.7	1389.5	1372.7	1355.9
157.5°	1452.2	1427.3	1423.3	1406.9	1390.7
160°	1462.4	1442.7	1439.6	1426.8	1414.1
162.5°	1473.3	1459.0	1456.6	1447.1	1437.6
165°	1489.0	1482.5	1480.4	1471.8	1463.1
167.5°	1501.2	1495.8	1494.8	1490.6	1486.6
170°	1511.4	1511.1	1510.2	1506.0	1501.9
172.5°	1512.1	1512.1	1511.9	1510.9	1510.1
175°	1518.2	1521.3	1521.3	1521.3	1521.3
177.5°	1518.9	1521.3	1521.3	1521.3	1521.3
180°	1521.3	1521.3	1521.3	1521.3	1521.3



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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	11.17	11.91	12.24	12.99	14.45	14.01	14.75	15.08	15.82	17.29
	3H	11.64	12.30	12.72	13.39	14.87	15.35	16.01	16.43	17.09	18.58
	4H	11.82	12.45	12.92	13.54	15.03	15.79	16.42	16.88	17.50	18.99
	6H	11.94	12.52	13.04	13.60	15.11	16.07	16.65	17.17	17.74	19.24
	8H	11.93	12.49	13.04	13.59	15.08	16.14	16.69	17.24	17.80	19.29
	12H	11.90	12.43	13.01	13.52	15.04	16.17	16.70	17.29	17.80	19.32
4H	2H	12.19	12.82	13.29	13.90	15.39	14.40	15.03	15.50	16.12	17.61
	3H	13.20	13.73	14.31	14.84	16.34	15.90	16.42	17.00	17.54	19.04
	4H	13.48	13.96	14.59	15.06	16.58	16.42	16.91	17.53	18.01	19.53
	6H	13.59	14.01	14.71	15.13	16.65	16.78	17.20	17.90	18.32	19.84
	8H	13.60	13.98	14.72	15.10	16.63	16.89	17.28	18.01	18.39	19.92
	12H	13.56	13.91	14.69	15.04	16.57	16.94	17.29	18.08	18.42	19.96
8H	4H	13.92	14.31	15.04	15.42	16.96	16.54	16.92	17.66	18.04	19.57
	6H	14.18	14.50	15.32	15.66	17.18	16.97	17.29	18.11	18.45	19.98
	8H	14.22	14.50	15.37	15.64	17.19	17.12	17.40	18.27	18.54	20.09
	12H	14.20	14.44	15.35	15.58	17.16	17.22	17.46	18.37	18.60	20.18
12H	4H	13.92	14.27	15.06	15.40	16.94	16.50	16.85	17.63	17.97	19.51
	6H	14.24	14.52	15.38	15.66	17.20	16.97	17.25	18.11	18.39	19.93
	8H	14.30	14.54	15.45	15.68	17.26	17.12	17.37	18.27	18.50	20.09