

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: P935377

Luminaire Tested: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-12-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935377
REPORT IS A COMBINATION OF REPORTS P933749 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-12-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

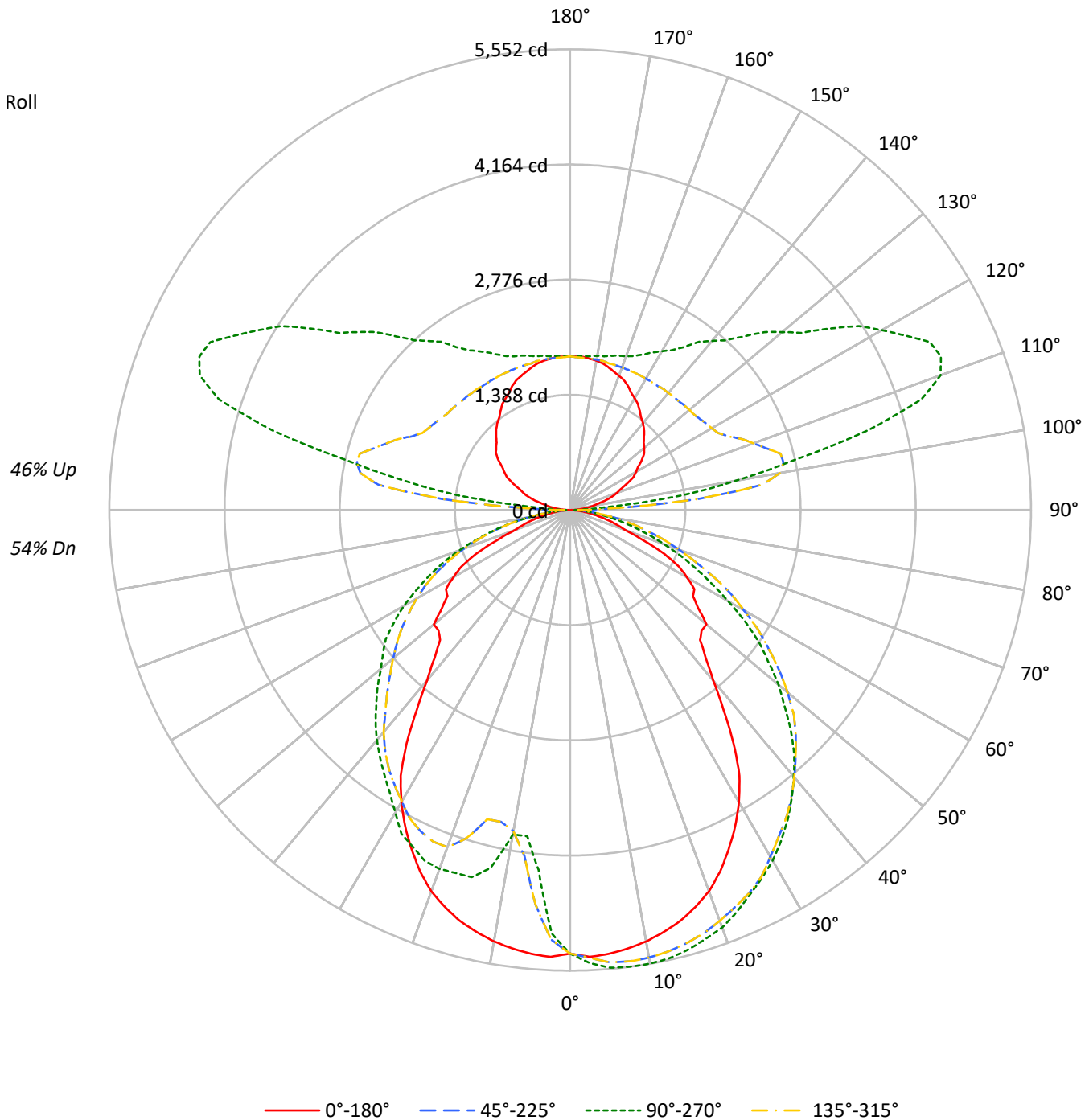
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25869.1 lumens
Efficiency: N/A
Efficacy: 125.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 206.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot





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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	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59	54
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50	45
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42	38
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36	32
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31	28
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27	24
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24	21
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21	19
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19	17
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17	15
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16531	16531	16531	16531
5°	16660	16687	16660	13121
10°	16555	16438	16555	11752
15°	16381	16082	16381	13428
20°	16046	15660	16046	13456
25°	15350	15044	15350	13171
30°	14450	14533	14450	12546
35°	12888	13887	12888	11857
40°	10745	13127	10745	11337
45°	9607	12236	9607	10739
50°	10215	11174	10215	10140
55°	9620	10030	9620	9793
60°	9929	8519	9929	8969
65°	9017	7042	9017	7871
70°	6259	5612	6259	6598
75°	5509	4148	5509	4968
80°	4472	2743	4472	2986
85°	2621	1453	2621	1235

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14716 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	482.4	1.9
10°-20°	1369.8	5.3
20°-30°	2117.4	8.2
30°-40°	2527.7	9.8
40°-50°	2542.6	9.8
50°-60°	2212.3	8.6
60°-70°	1568.6	6.1
70°-80°	829.9	3.2
80°-90°	213.7	0.8
90°-100°	902.7	3.5
100°-110°	2373.2	9.2
110°-120°	2460.7	9.5
120°-130°	1973.8	7.6
130°-140°	1548.7	6.0
140°-150°	1188.7	4.6
150°-160°	856.1	3.3
160°-170°	523.8	2.0
170°-180°	177.0	0.7
0°-30°	3969.6	15.3
0°-40°	6497.3	25.1
0°-60°	11252.2	43.5
0°-90°	13864.4	53.6
90°-120°	5736.6	22.2
90°-150°	10447.9	40.4
90°-180°	12005.0	46.4
0°-180°	25869.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5344	5344	5344	5344	5344	
5°	5370	5537	5370	4354	5370	509
15°	5127	5486	5127	4581	5127	1443
25°	4515	5117	4515	4480	4515	2073
35°	3433	4566	3433	3898	3433	2124
45°	2215	3762	2215	3302	2215	1774
55°	1805	2776	1805	2710	1805	1659
65°	1254	1674	1254	1871	1254	1199
75°	475	794	475	951	475	500
85°	81	202	81	172	81	109
90°	12	47	12	47	12	14
95°	119	546	119	546	119	132
105°	428	3716	428	3716	428	453
115°	759	4785	759	4785	759	750
125°	1056	3810	1056	3810	1056	938
135°	1259	2957	1259	2957	1259	974
145°	1460	2399	1460	2399	1460	915
155°	1650	2066	1650	2066	1650	758
165°	1781	1924	1781	1924	1781	503
175°	1852	1864	1852	1864	1852	176
180°	1852	1852	1852	1852	1852	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5
2.5°	5390.1	5390.1	5420.3	5430.5	5430.5	5415.3	5400.1	5415.3	5460.8	5476.0	5470.9
5°	5369.7	5410.3	5465.8	5476.0	5486.1	5481.0	5470.9	5481.0	5531.6	5541.7	5546.7
7.5°	5329.3	5405.2	5476.0	5491.1	5506.3	5491.1	5486.1	5496.2	5546.7	5556.9	5556.9
10°	5278.8	5385.0	5465.8	5476.0	5491.1	5476.0	5476.0	5496.2	5546.7	5556.9	5562.0
12.5°	5208.0	5354.6	5430.5	5440.6	5460.8	5455.7	5450.7	5470.9	5521.4	5531.6	5531.6
15°	5127.1	5299.0	5369.7	5379.9	5415.3	5405.2	5405.2	5425.4	5481.0	5496.2	5491.1
17.5°	5015.9	5228.2	5309.1	5324.3	5349.5	5344.5	5349.5	5369.7	5420.3	5430.5	5435.5
20°	4889.5	5132.1	5228.2	5243.3	5268.6	5268.6	5268.6	5293.9	5344.5	5364.8	5364.8
22.5°	4717.6	5031.0	5132.1	5142.2	5172.6	5172.6	5182.7	5218.0	5263.6	5268.6	5268.6
25°	4515.3	4919.7	5005.7	5036.1	5066.5	5081.6	5096.7	5117.0	5132.1	5127.1	5132.1
27.5°	4302.9	4778.2	4889.5	4909.7	4950.1	4965.3	4985.5	4990.6	4995.6	5010.8	5000.7
30°	4065.3	4581.0	4747.8	4768.1	4833.8	4843.9	4823.7	4833.8	4859.1	4869.2	4879.3
32.5°	3797.2	4287.8	4601.2	4646.7	4707.4	4677.1	4672.0	4687.2	4727.6	4727.6	4737.8
35°	3433.2	4060.2	4464.7	4505.1	4550.6	4515.3	4535.5	4540.6	4565.9	4581.0	4575.9
37.5°	3033.8	3863.0	4323.1	4353.5	4388.9	4343.4	4373.7	4388.9	4409.1	4398.9	4398.9
40°	2679.8	3554.5	4156.3	4176.5	4206.8	4171.4	4201.8	4211.9	4222.0	4211.9	4206.8
42.5°	2416.9	3215.8	3979.3	4004.6	3984.4	4009.6	4019.8	4040.0	4024.8	4004.6	4004.6
45°	2214.6	3124.8	3787.2	3817.5	3787.2	3827.6	3842.8	3842.8	3797.2	3787.2	3782.1
47.5°	2149.0	2942.8	3595.1	3595.1	3579.8	3630.4	3655.7	3620.3	3574.8	3559.6	3559.6
50°	2143.9	2740.5	3332.1	3311.9	3382.6	3443.4	3418.1	3382.6	3347.3	3291.7	3291.7
52.5°	1946.7	2492.8	2993.3	3069.2	3180.4	3215.8	3175.3	3140.0	3079.2	3054.0	3033.8
55°	1805.1	2234.9	2684.9	2836.6	2952.8	2998.4	2922.6	2887.1	2796.2	2780.9	2770.9
57.5°	1774.8	1860.7	2401.8	2593.9	2735.4	2730.4	2684.9	2619.2	2543.3	2528.1	2523.1
60°	1628.2	1345.0	2098.4	2325.9	2472.6	2457.3	2416.9	2356.2	2285.4	2275.4	2265.2
62.5°	1476.5	975.9	1754.6	2012.4	2219.7	2214.6	2179.2	2088.2	2037.7	2012.4	1992.2
65°	1254.0	819.1	1248.9	1673.7	1972.0	1982.0	1906.2	1840.5	1784.8	1754.6	1749.5
67.5°	955.7	667.4	844.4	1395.5	1734.3	1724.2	1628.2	1597.8	1527.0	1511.8	1481.5
70°	707.9	444.9	586.5	1132.7	1501.7	1476.5	1400.6	1365.2	1299.5	1264.0	1243.8
72.5°	586.5	359.0	429.8	879.8	1264.0	1233.7	1168.0	1127.6	1071.9	1041.6	1021.4
75°	475.3	379.2	328.7	652.3	1026.4	1006.2	945.5	905.1	859.5	819.1	824.2
77.5°	348.9	354.0	262.9	480.4	814.0	783.8	748.3	697.8	677.6	637.1	637.1
80°	262.9	278.1	197.2	328.7	586.5	586.5	556.2	520.8	485.5	465.1	465.1
82.5°	177.0	177.0	146.6	207.3	399.5	384.3	364.0	354.0	333.8	323.6	323.6
85°	80.9	101.1	91.0	126.4	217.4	227.5	227.5	217.4	212.3	202.3	207.3
87.5°	25.3	45.5	55.6	70.8	111.3	116.3	121.3	121.3	121.3	126.4	126.4
90°	12.4	22.4	32.3	34.8	54.7	81.2	94.4	84.0	62.9	47.2	47.2
92.5°	49.7	134.2	218.7	239.8	337.2	467.0	532.0	466.2	334.8	236.2	226.8
95°	119.3	274.0	428.7	467.3	829.8	1313.1	1554.8	1387.4	1052.7	801.6	773.1
97.5°	206.3	342.7	479.2	513.3	1117.7	1923.6	2326.6	2220.8	2009.2	1850.6	1796.5
100°	273.4	397.1	520.8	551.8	1222.5	2116.8	2564.0	2571.8	2587.2	2598.8	2534.3
102.5°	330.6	446.0	561.4	590.3	1270.6	2177.7	2631.1	2765.9	3035.4	3237.6	3182.3
105°	427.6	525.3	623.1	647.5	1306.3	2184.5	2623.7	2925.8	3530.1	3983.3	3953.6
107.5°	527.0	618.1	709.3	732.1	1312.8	2087.2	2474.5	2896.0	3738.9	4371.0	4378.2
110°	594.1	676.4	758.7	779.3	1302.9	2001.1	2350.2	2821.4	3763.7	4470.4	4501.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	659.9	738.4	816.8	836.4	1303.4	1925.9	2237.1	2719.4	3683.8	4407.1	4454.6
115°	759.4	831.8	904.1	922.2	1315.3	1839.5	2101.7	2566.2	3495.3	4192.1	4257.9
117.5°	857.6	923.3	989.0	1005.5	1339.8	1785.5	2008.4	2427.7	3266.2	3895.1	3968.1
120°	914.7	976.6	1038.5	1054.0	1359.7	1767.4	1971.2	2354.2	3120.4	3695.0	3766.0
122.5°	970.7	1033.2	1095.5	1111.1	1388.3	1757.8	1942.6	2287.5	2977.4	3494.9	3564.9
125°	1056.5	1113.3	1170.2	1184.4	1426.8	1750.0	1911.5	2204.5	2790.6	3230.1	3294.6
127.5°	1126.0	1183.4	1240.9	1255.3	1465.3	1745.4	1885.4	2137.0	2640.2	3017.6	3072.0
130°	1163.3	1225.2	1287.0	1302.5	1493.5	1748.2	1875.5	2099.5	2547.5	2883.4	2933.7
132.5°	1201.9	1263.7	1325.6	1341.0	1516.2	1749.9	1866.7	2067.2	2468.3	2769.1	2814.1
135°	1259.0	1315.3	1371.7	1385.7	1541.1	1748.3	1851.9	2019.8	2355.5	2607.4	2646.3
137.5°	1317.4	1373.2	1429.0	1442.9	1578.4	1759.0	1849.4	1991.3	2275.3	2488.2	2520.0
140°	1365.9	1417.3	1468.6	1481.5	1601.2	1760.8	1840.6	1963.2	2208.5	2392.5	2422.2
142.5°	1403.2	1450.7	1498.2	1510.0	1620.2	1767.1	1840.6	1948.4	2163.8	2325.4	2350.9
145°	1460.3	1501.8	1543.2	1553.6	1645.1	1767.2	1828.3	1916.3	2092.5	2224.7	2244.0
147.5°	1517.5	1557.8	1598.2	1608.2	1681.5	1779.4	1828.3	1897.6	2036.2	2140.2	2156.2
150°	1554.8	1591.2	1627.7	1636.8	1700.7	1785.7	1828.3	1886.8	2003.9	2091.7	2104.6
152.5°	1593.3	1620.9	1648.6	1655.5	1713.0	1789.8	1828.3	1878.3	1978.2	2053.2	2062.9
155°	1650.5	1670.9	1691.4	1696.5	1740.4	1799.0	1828.3	1868.0	1947.5	2007.1	2013.6
157.5°	1692.7	1712.6	1732.5	1737.5	1767.8	1808.1	1828.3	1859.1	1921.0	1967.4	1972.0
160°	1721.3	1736.8	1752.3	1756.1	1780.2	1812.2	1828.3	1854.8	1907.7	1947.5	1950.1
162.5°	1749.9	1761.4	1773.1	1776.0	1793.4	1816.6	1828.3	1850.6	1895.3	1928.9	1931.3
165°	1780.9	1791.4	1802.0	1804.6	1812.4	1823.0	1828.3	1844.3	1876.3	1900.3	1902.9
167.5°	1809.5	1814.5	1819.5	1820.8	1827.4	1836.2	1840.6	1851.2	1872.2	1887.9	1889.0
170°	1828.3	1833.2	1838.2	1839.4	1839.8	1840.3	1840.6	1851.2	1872.2	1887.9	1887.9
172.5°	1838.1	1839.2	1840.3	1840.6	1840.6	1840.6	1840.6	1848.9	1865.5	1878.0	1877.0
175°	1851.9	1851.9	1851.9	1851.9	1848.1	1843.1	1840.6	1845.9	1856.3	1864.2	1864.2
177.5°	1851.9	1851.9	1851.9	1851.9	1849.0	1845.1	1843.1	1847.3	1855.5	1861.7	1860.6
180°	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5
2.5°	5481.0	5465.8	5481.0	5470.9	5476.0	5460.8	5415.3	5400.1	5415.3	5430.5	5430.5
5°	5546.7	5536.7	5546.7	5546.7	5541.7	5531.6	5481.0	5470.9	5481.0	5486.1	5476.0
7.5°	5566.9	5551.8	5566.9	5556.9	5556.9	5546.7	5496.2	5486.1	5491.1	5506.3	5491.1
10°	5566.9	5551.8	5566.9	5562.0	5556.9	5546.7	5496.2	5476.0	5476.0	5491.1	5476.0
12.5°	5541.7	5531.6	5541.7	5531.6	5531.6	5521.4	5470.9	5450.7	5455.7	5460.8	5440.6
15°	5501.2	5486.1	5501.2	5491.1	5496.2	5481.0	5425.4	5405.2	5405.2	5415.3	5379.9
17.5°	5440.6	5420.3	5440.6	5435.5	5430.5	5420.3	5369.7	5349.5	5344.5	5349.5	5324.3
20°	5369.7	5354.6	5369.7	5364.8	5364.8	5344.5	5293.9	5268.6	5268.6	5268.6	5243.3
22.5°	5258.6	5243.3	5258.6	5268.6	5268.6	5263.6	5218.0	5182.7	5172.6	5172.6	5142.2
25°	5132.1	5117.0	5132.1	5132.1	5127.1	5132.1	5117.0	5096.7	5081.6	5066.5	5036.1
27.5°	5010.8	5000.7	5010.8	5000.7	5010.8	4995.6	4990.6	4985.5	4965.3	4950.1	4909.7
30°	4889.5	4879.3	4889.5	4879.3	4869.2	4859.1	4833.8	4823.7	4843.9	4833.8	4768.1
32.5°	4737.8	4727.6	4737.8	4737.8	4727.6	4727.6	4687.2	4672.0	4677.1	4707.4	4646.7
35°	4581.0	4565.9	4581.0	4575.9	4581.0	4565.9	4540.6	4535.5	4515.3	4550.6	4505.1
37.5°	4398.9	4383.8	4398.9	4398.9	4398.9	4409.1	4388.9	4373.7	4343.4	4388.9	4353.5
40°	4211.9	4191.7	4211.9	4206.8	4211.9	4222.0	4211.9	4201.8	4171.4	4206.8	4176.5
42.5°	3999.5	3994.5	3999.5	4004.6	4004.6	4024.8	4040.0	4019.8	4009.6	3984.4	4004.6
45°	3772.0	3761.9	3772.0	3782.1	3787.2	3797.2	3842.8	3842.8	3827.6	3787.2	3817.5
47.5°	3529.3	3504.0	3529.3	3559.6	3559.6	3574.8	3620.3	3655.7	3630.4	3579.8	3595.1
50°	3271.5	3276.4	3271.5	3291.7	3291.7	3347.3	3382.6	3418.1	3443.4	3382.6	3311.9
52.5°	3018.6	3013.6	3018.6	3033.8	3054.0	3079.2	3140.0	3175.3	3215.8	3180.4	3069.2
55°	2765.8	2776.0	2765.8	2770.9	2780.9	2796.2	2887.1	2922.6	2998.4	2952.8	2836.6
57.5°	2513.0	2497.8	2513.0	2523.1	2528.1	2543.3	2619.2	2684.9	2730.4	2735.4	2593.9
60°	2219.7	2199.5	2219.7	2265.2	2275.4	2285.4	2356.2	2416.9	2457.3	2472.6	2325.9
62.5°	1961.8	1926.5	1961.8	1992.2	2012.4	2037.7	2088.2	2179.2	2214.6	2219.7	2012.4
65°	1688.8	1673.7	1688.8	1749.5	1754.6	1784.8	1840.5	1906.2	1982.0	1972.0	1673.7
67.5°	1441.0	1441.0	1441.0	1481.5	1511.8	1527.0	1597.8	1628.2	1724.2	1734.3	1395.5
70°	1213.5	1208.4	1213.5	1243.8	1264.0	1299.5	1365.2	1400.6	1476.5	1501.7	1132.7
72.5°	996.1	991.0	996.1	1021.4	1041.6	1071.9	1127.6	1168.0	1233.7	1264.0	879.8
75°	804.0	793.8	804.0	824.2	819.1	859.5	905.1	945.5	1006.2	1026.4	652.3
77.5°	616.8	616.8	616.8	637.1	637.1	677.6	697.8	748.3	783.8	814.0	480.4
80°	460.2	455.1	460.2	465.1	465.1	485.5	520.8	556.2	586.5	586.5	328.7
82.5°	323.6	313.4	323.6	323.6	323.6	333.8	354.0	364.0	384.3	399.5	207.3
85°	202.3	202.3	202.3	207.3	202.3	212.3	217.4	227.5	227.5	217.4	126.4
87.5°	131.5	126.4	131.5	126.4	126.4	121.3	121.3	121.3	116.3	111.3	70.8
90°	47.2	47.2	47.2	47.2	47.2	62.9	84.0	94.4	81.2	54.7	34.8
92.5°	189.1	151.6	189.1	226.8	236.2	334.8	466.2	532.0	467.0	337.2	239.8
95°	659.4	545.6	659.4	773.1	801.6	1052.7	1387.4	1554.8	1313.1	829.8	467.3
97.5°	1580.0	1363.4	1580.0	1796.5	1850.6	2009.2	2220.8	2326.6	1923.6	1117.7	513.3
100°	2276.4	2018.4	2276.4	2534.3	2598.8	2587.2	2571.8	2564.0	2116.8	1222.5	551.8
102.5°	2961.4	2740.5	2961.4	3182.3	3237.6	3035.4	2765.9	2631.1	2177.7	1270.6	590.3
105°	3834.8	3716.1	3834.8	3953.6	3983.3	3530.1	2925.8	2623.7	2184.5	1306.3	647.5
107.5°	4407.0	4435.7	4407.0	4378.2	4371.0	3738.9	2896.0	2474.5	2087.2	1312.8	732.1
110°	4625.1	4748.9	4625.1	4501.4	4470.4	3763.7	2821.4	2350.2	2001.1	1302.9	779.3



TEST NUMBER: P935377

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	4644.6	4834.7	4644.6	4454.6	4407.1	3683.8	2719.4	2237.1	1925.9	1303.4	836.4
115°	4521.4	4784.9	4521.4	4257.9	4192.1	3495.3	2566.2	2101.7	1839.5	1315.3	922.2
117.5°	4260.3	4552.5	4260.3	3968.1	3895.1	3266.2	2427.7	2008.4	1785.5	1339.8	1005.5
120°	4049.8	4333.8	4049.8	3766.0	3695.0	3120.4	2354.2	1971.2	1767.4	1359.7	1054.0
122.5°	3844.9	4124.9	3844.9	3564.9	3494.9	2977.4	2287.5	1942.6	1757.8	1388.3	1111.1
125°	3552.5	3810.5	3552.5	3294.6	3230.1	2790.6	2204.5	1911.5	1750.0	1426.8	1184.4
127.5°	3289.7	3507.3	3289.7	3072.0	3017.6	2640.2	2137.0	1885.4	1745.4	1465.3	1255.3
130°	3134.7	3335.8	3134.7	2933.7	2883.4	2547.5	2099.5	1875.5	1748.2	1493.5	1302.5
132.5°	2994.2	3174.3	2994.2	2814.1	2769.1	2468.3	2067.2	1866.7	1749.9	1516.2	1341.0
135°	2801.4	2956.7	2801.4	2646.3	2607.4	2355.5	2019.8	1851.9	1748.3	1541.1	1385.7
137.5°	2647.0	2774.1	2647.0	2520.0	2488.2	2275.3	1991.3	1849.4	1759.0	1578.4	1442.9
140°	2541.0	2659.7	2541.0	2422.2	2392.5	2208.5	1963.2	1840.6	1760.8	1601.2	1481.5
142.5°	2453.0	2555.2	2453.0	2350.9	2325.4	2163.8	1948.4	1840.6	1767.1	1620.2	1510.0
145°	2321.4	2398.7	2321.4	2244.0	2224.7	2092.5	1916.3	1828.3	1767.2	1645.1	1553.6
147.5°	2220.3	2284.3	2220.3	2156.2	2140.2	2036.2	1897.6	1828.3	1779.4	1681.5	1608.2
150°	2156.6	2208.5	2156.6	2104.6	2091.7	2003.9	1886.8	1828.3	1785.7	1700.7	1636.8
152.5°	2102.2	2141.4	2102.2	2062.9	2053.2	1978.2	1878.3	1828.3	1789.8	1713.0	1655.5
155°	2039.6	2065.6	2039.6	2013.6	2007.1	1947.5	1868.0	1828.3	1799.0	1740.4	1696.5
157.5°	1990.2	2008.4	1990.2	1972.0	1967.4	1921.0	1859.1	1828.3	1808.1	1767.8	1737.5
160°	1960.6	1971.2	1960.6	1950.1	1947.5	1907.7	1854.8	1828.3	1812.2	1780.2	1756.1
162.5°	1941.3	1951.3	1941.3	1931.3	1928.9	1895.3	1850.6	1828.3	1816.6	1793.4	1776.0
165°	1913.4	1923.9	1913.4	1902.9	1900.3	1876.3	1844.3	1828.3	1823.0	1812.4	1804.6
167.5°	1893.4	1897.8	1893.4	1889.0	1887.9	1872.2	1851.2	1840.6	1836.2	1827.4	1820.8
170°	1887.9	1887.9	1887.9	1887.9	1887.9	1872.2	1851.2	1840.6	1840.3	1839.8	1839.4
172.5°	1873.1	1869.2	1873.1	1877.0	1878.0	1865.5	1848.9	1840.6	1840.6	1840.6	1840.6
175°	1864.2	1864.2	1864.2	1864.2	1864.2	1856.3	1845.9	1840.6	1843.1	1848.1	1851.9
177.5°	1856.2	1851.9	1856.2	1860.6	1861.7	1855.5	1847.3	1843.1	1845.1	1849.0	1851.9
180°	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5
2.5°	5420.3	5390.1	5390.1	5339.5	5319.2	5304.1	5278.8	5202.9	5182.7	5162.5	5192.8
5°	5465.8	5410.3	5369.7	5278.8	5202.9	5172.6	5076.5	4894.4	4773.1	4682.1	4631.6
7.5°	5476.0	5405.2	5329.3	5187.8	5005.7	4924.8	4631.6	4297.8	4206.8	4125.9	4075.3
10°	5465.8	5385.0	5278.8	5066.5	4636.6	4495.0	4201.8	3984.4	3928.7	3913.6	3928.7
12.5°	5430.5	5354.6	5208.0	4854.0	4252.3	4156.3	3984.4	3857.9	3847.8	3873.1	4009.6
15°	5369.7	5299.0	5127.1	4570.8	4040.0	3969.2	3847.8	3802.3	3857.9	4034.9	4444.5
17.5°	5309.1	5228.2	5015.9	4292.8	3878.2	3827.6	3741.7	3832.7	4146.1	4383.8	4520.3
20°	5228.2	5132.1	4889.5	4090.6	3761.9	3716.4	3675.9	4085.5	4323.1	4409.1	4484.9
22.5°	5132.1	5031.0	4717.6	3948.9	3640.6	3605.1	3630.4	4227.0	4323.1	4383.8	4449.5
25°	5005.7	4919.7	4515.3	3837.7	3544.5	3504.0	3600.0	4211.9	4267.5	4282.7	4414.2
27.5°	4889.5	4778.2	4302.9	3736.6	3428.1	3413.0	3625.3	4146.1	4186.6	4201.8	4343.4
30°	4747.8	4581.0	4065.3	3630.4	3306.8	3301.7	3630.4	4065.3	4055.1	4095.6	4237.2
32.5°	4601.2	4287.8	3797.2	3498.9	3190.5	3185.5	3595.1	3943.9	3933.8	3989.4	4095.6
35°	4464.7	4060.2	3433.2	3347.3	3043.9	3049.0	3509.1	3802.3	3807.4	3857.9	3923.6
37.5°	4323.1	3863.0	3033.8	3180.4	2902.3	2902.3	3392.8	3670.9	3660.8	3675.9	3767.0
40°	4156.3	3554.5	2679.8	2963.0	2770.9	2755.6	3251.2	3529.3	3493.9	3488.9	3615.3
42.5°	3979.3	3215.8	2416.9	2674.8	2619.2	2599.0	3079.2	3357.4	3291.7	3306.8	3468.6
45°	3787.2	3124.8	2214.6	2260.1	2462.4	2447.3	2892.2	3160.2	3114.7	3155.1	3322.0
47.5°	3595.1	2942.8	2149.0	1875.9	2295.6	2290.5	2684.9	2968.1	2942.8	2983.2	3160.2
50°	3332.1	2740.5	2143.9	1607.9	2108.4	2128.7	2437.1	2780.9	2780.9	2816.4	3003.4
52.5°	2993.3	2492.8	1946.7	1456.3	1891.0	1951.8	2219.7	2619.2	2629.2	2664.7	2831.5
55°	2684.9	2234.9	1805.1	1339.9	1633.1	1764.6	2007.3	2452.3	2472.6	2507.9	2659.6
57.5°	2401.8	1860.7	1774.8	1203.4	1395.5	1522.0	1820.3	2290.5	2300.7	2330.9	2477.6
60°	2098.4	1345.0	1628.2	1056.8	1188.2	1284.3	1648.4	2098.4	2133.7	2153.9	2280.3
62.5°	1754.6	975.9	1476.5	955.7	1087.1	1107.4	1506.7	1916.3	1961.8	1977.0	2052.9
65°	1248.9	819.1	1254.0	869.7	981.0	985.9	1355.1	1729.3	1769.7	1795.0	1850.6
67.5°	844.4	667.4	955.7	788.7	900.0	905.1	1208.4	1511.8	1567.4	1587.7	1623.1
70°	586.5	444.9	707.9	702.8	809.1	819.1	1051.7	1314.6	1365.2	1380.4	1400.6
72.5°	429.8	359.0	586.5	632.1	712.9	723.1	889.9	1092.1	1142.7	1157.8	1168.0
75°	328.7	379.2	475.3	551.1	606.8	611.8	728.1	889.9	925.3	935.4	940.4
77.5°	262.9	354.0	348.9	444.9	495.5	485.5	571.4	687.6	718.0	718.0	718.0
80°	197.2	278.1	262.9	318.5	364.0	354.0	409.6	490.4	500.6	510.6	505.7
82.5°	146.6	177.0	177.0	202.3	242.7	232.6	273.0	318.5	318.5	318.5	328.7
85°	91.0	101.1	80.9	106.2	136.6	131.5	151.7	171.9	177.0	177.0	166.8
87.5°	55.6	45.5	25.3	40.4	60.7	60.7	70.8	75.8	70.8	70.8	70.8
90°	32.3	22.4	12.4	22.4	32.3	34.8	54.7	81.2	94.4	84.0	62.9
92.5°	218.7	134.2	49.7	134.2	218.7	239.8	337.2	467.0	532.0	466.2	334.8
95°	428.7	274.0	119.3	274.0	428.7	467.3	829.8	1313.1	1554.8	1387.4	1052.7
97.5°	479.2	342.7	206.3	342.7	479.2	513.3	1117.7	1923.6	2326.6	2220.8	2009.2
100°	520.8	397.1	273.4	397.1	520.8	551.8	1222.5	2116.8	2564.0	2571.8	2587.2
102.5°	561.4	446.0	330.6	446.0	561.4	590.3	1270.6	2177.7	2631.1	2765.9	3035.4
105°	623.1	525.3	427.6	525.3	623.1	647.5	1306.3	2184.5	2623.7	2925.8	3530.1
107.5°	709.3	618.1	527.0	618.1	709.3	732.1	1312.8	2087.2	2474.5	2896.0	3738.9
110°	758.7	676.4	594.1	676.4	758.7	779.3	1302.9	2001.1	2350.2	2821.4	3763.7



TEST NUMBER: P935377

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	816.8	738.4	659.9	738.4	816.8	836.4	1303.4	1925.9	2237.1	2719.4	3683.8
115°	904.1	831.8	759.4	831.8	904.1	922.2	1315.3	1839.5	2101.7	2566.2	3495.3
117.5°	989.0	923.3	857.6	923.3	989.0	1005.5	1339.8	1785.5	2008.4	2427.7	3266.2
120°	1038.5	976.6	914.7	976.6	1038.5	1054.0	1359.7	1767.4	1971.2	2354.2	3120.4
122.5°	1095.5	1033.2	970.7	1033.2	1095.5	1111.1	1388.3	1757.8	1942.6	2287.5	2977.4
125°	1170.2	1113.3	1056.5	1113.3	1170.2	1184.4	1426.8	1750.0	1911.5	2204.5	2790.6
127.5°	1240.9	1183.4	1126.0	1183.4	1240.9	1255.3	1465.3	1745.4	1885.4	2137.0	2640.2
130°	1287.0	1225.2	1163.3	1225.2	1287.0	1302.5	1493.5	1748.2	1875.5	2099.5	2547.5
132.5°	1325.6	1263.7	1201.9	1263.7	1325.6	1341.0	1516.2	1749.9	1866.7	2067.2	2468.3
135°	1371.7	1315.3	1259.0	1315.3	1371.7	1385.7	1541.1	1748.3	1851.9	2019.8	2355.5
137.5°	1429.0	1373.2	1317.4	1373.2	1429.0	1442.9	1578.4	1759.0	1849.4	1991.3	2275.3
140°	1468.6	1417.3	1365.9	1417.3	1468.6	1481.5	1601.2	1760.8	1840.6	1963.2	2208.5
142.5°	1498.2	1450.7	1403.2	1450.7	1498.2	1510.0	1620.2	1767.1	1840.6	1948.4	2163.8
145°	1543.2	1501.8	1460.3	1501.8	1543.2	1553.6	1645.1	1767.2	1828.3	1916.3	2092.5
147.5°	1598.2	1557.8	1517.5	1557.8	1598.2	1608.2	1681.5	1779.4	1828.3	1897.6	2036.2
150°	1627.7	1591.2	1554.8	1591.2	1627.7	1636.8	1700.7	1785.7	1828.3	1886.8	2003.9
152.5°	1648.6	1620.9	1593.3	1620.9	1648.6	1655.5	1713.0	1789.8	1828.3	1878.3	1978.2
155°	1691.4	1670.9	1650.5	1670.9	1691.4	1696.5	1740.4	1799.0	1828.3	1868.0	1947.5
157.5°	1732.5	1712.6	1692.7	1712.6	1732.5	1737.5	1767.8	1808.1	1828.3	1859.1	1921.0
160°	1752.3	1736.8	1721.3	1736.8	1752.3	1756.1	1780.2	1812.2	1828.3	1854.8	1907.7
162.5°	1773.1	1761.4	1749.9	1761.4	1773.1	1776.0	1793.4	1816.6	1828.3	1850.6	1895.3
165°	1802.0	1791.4	1780.9	1791.4	1802.0	1804.6	1812.4	1823.0	1828.3	1844.3	1876.3
167.5°	1819.5	1814.5	1809.5	1814.5	1819.5	1820.8	1827.4	1836.2	1840.6	1851.2	1872.2
170°	1838.2	1833.2	1828.3	1833.2	1838.2	1839.4	1839.8	1840.3	1840.6	1851.2	1872.2
172.5°	1840.3	1839.2	1838.1	1839.2	1840.3	1840.6	1840.6	1840.6	1840.6	1848.9	1865.5
175°	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1848.1	1843.1	1840.6	1845.9	1856.3
177.5°	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1849.0	1845.1	1843.1	1847.3	1855.5
180°	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9



TEST NUMBER: P935377

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5
2.5°	5157.4	5142.2	5162.5	5106.9	5162.5	5142.2	5157.4	5192.8	5162.5	5182.7	5202.9
5°	4525.4	4500.1	4419.2	4353.5	4419.2	4500.1	4525.4	4631.6	4682.1	4773.1	4894.4
7.5°	4045.1	4024.8	4004.6	3964.2	4004.6	4024.8	4045.1	4075.3	4125.9	4206.8	4297.8
10°	3938.9	3943.9	3974.2	3969.2	3974.2	3943.9	3938.9	3928.7	3913.6	3928.7	3984.4
12.5°	4211.9	4257.4	4424.2	4414.2	4424.2	4257.4	4211.9	4009.6	3873.1	3847.8	3857.9
15°	4525.4	4540.6	4575.9	4581.0	4575.9	4540.6	4525.4	4444.5	4034.9	3857.9	3802.3
17.5°	4555.7	4560.8	4586.1	4586.1	4586.1	4560.8	4555.7	4520.3	4383.8	4146.1	3832.7
20°	4530.4	4540.6	4591.2	4601.2	4591.2	4540.6	4530.4	4484.9	4409.1	4323.1	4085.5
22.5°	4520.3	4540.6	4581.0	4575.9	4581.0	4540.6	4520.3	4449.5	4383.8	4323.1	4227.0
25°	4469.7	4469.7	4474.8	4479.9	4474.8	4469.7	4469.7	4414.2	4282.7	4267.5	4211.9
27.5°	4363.6	4373.7	4404.0	4398.9	4404.0	4373.7	4363.6	4343.4	4201.8	4186.6	4146.1
30°	4267.5	4257.4	4232.1	4211.9	4232.1	4257.4	4267.5	4237.2	4095.6	4055.1	4065.3
32.5°	4105.7	4080.4	4055.1	4040.0	4055.1	4080.4	4105.7	4095.6	3989.4	3933.8	3943.9
35°	3913.6	3918.7	3913.6	3898.4	3913.6	3918.7	3913.6	3923.6	3857.9	3807.4	3802.3
37.5°	3777.0	3787.2	3782.1	3761.9	3782.1	3787.2	3777.0	3767.0	3675.9	3660.8	3670.9
40°	3635.5	3640.6	3635.5	3620.3	3635.5	3640.6	3635.5	3615.3	3488.9	3493.9	3529.3
42.5°	3498.9	3493.9	3478.7	3468.6	3478.7	3493.9	3498.9	3468.6	3306.8	3291.7	3357.4
45°	3342.2	3347.3	3316.9	3301.7	3316.9	3347.3	3342.2	3322.0	3155.1	3114.7	3160.2
47.5°	3185.5	3185.5	3160.2	3145.0	3160.2	3185.5	3185.5	3160.2	2983.2	2942.8	2968.1
50°	3018.6	3013.6	2978.1	2973.1	2978.1	3013.6	3018.6	3003.4	2816.4	2780.9	2780.9
52.5°	2826.4	2826.4	2831.5	2841.6	2831.5	2826.4	2826.4	2831.5	2664.7	2629.2	2619.2
55°	2659.6	2664.7	2700.1	2710.2	2700.1	2664.7	2659.6	2659.6	2507.9	2472.6	2452.3
57.5°	2487.7	2487.7	2513.0	2513.0	2513.0	2487.7	2487.7	2477.6	2330.9	2300.7	2290.5
60°	2290.5	2300.7	2320.9	2315.8	2320.9	2300.7	2290.5	2280.3	2153.9	2133.7	2098.4
62.5°	2083.2	2093.3	2098.4	2088.2	2098.4	2093.3	2083.2	2052.9	1977.0	1961.8	1916.3
65°	1865.8	1875.9	1880.9	1870.8	1880.9	1875.9	1865.8	1850.6	1795.0	1769.7	1729.3
67.5°	1643.3	1638.2	1633.1	1653.4	1633.1	1638.2	1643.3	1623.1	1587.7	1567.4	1511.8
70°	1415.7	1415.7	1410.7	1420.8	1410.7	1415.7	1415.7	1400.6	1380.4	1365.2	1314.6
72.5°	1173.1	1168.0	1188.2	1173.1	1188.2	1168.0	1173.1	1168.0	1157.8	1142.7	1092.1
75°	935.4	945.5	935.4	950.6	935.4	945.5	935.4	940.4	935.4	925.3	889.9
77.5°	712.9	723.1	712.9	712.9	712.9	723.1	712.9	718.0	718.0	718.0	687.6
80°	505.7	500.6	500.6	495.5	500.6	500.6	505.7	505.7	510.6	500.6	490.4
82.5°	323.6	318.5	318.5	328.7	318.5	318.5	323.6	328.7	318.5	318.5	318.5
85°	177.0	182.1	171.9	171.9	171.9	182.1	177.0	166.8	177.0	177.0	171.9
87.5°	65.7	60.7	60.7	60.7	60.7	60.7	65.7	70.8	70.8	70.8	75.8
90°	47.2	47.2	47.2	47.2	47.2	47.2	47.2	62.9	84.0	94.4	81.2
92.5°	236.2	226.8	189.1	151.6	189.1	226.8	236.2	334.8	466.2	532.0	467.0
95°	801.6	773.1	659.4	545.6	659.4	773.1	801.6	1052.7	1387.4	1554.8	1313.1
97.5°	1850.6	1796.5	1580.0	1363.4	1580.0	1796.5	1850.6	2009.2	2220.8	2326.6	1923.6
100°	2598.8	2534.3	2276.4	2018.4	2276.4	2534.3	2598.8	2587.2	2571.8	2564.0	2116.8
102.5°	3237.6	3182.3	2961.4	2740.5	2961.4	3182.3	3237.6	3035.4	2765.9	2631.1	2177.7
105°	3983.3	3953.6	3834.8	3716.1	3834.8	3953.6	3983.3	3530.1	2925.8	2623.7	2184.5
107.5°	4371.0	4378.2	4407.0	4435.7	4407.0	4378.2	4371.0	3738.9	2896.0	2474.5	2087.2
110°	4470.4	4501.4	4625.1	4748.9	4625.1	4501.4	4470.4	3763.7	2821.4	2350.2	2001.1



TEST NUMBER: P935377

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4407.1	4454.6	4644.6	4834.7	4644.6	4454.6	4407.1	3683.8	2719.4	2237.1	1925.9
115°	4192.1	4257.9	4521.4	4784.9	4521.4	4257.9	4192.1	3495.3	2566.2	2101.7	1839.5
117.5°	3895.1	3968.1	4260.3	4552.5	4260.3	3968.1	3895.1	3266.2	2427.7	2008.4	1785.5
120°	3695.0	3766.0	4049.8	4333.8	4049.8	3766.0	3695.0	3120.4	2354.2	1971.2	1767.4
122.5°	3494.9	3564.9	3844.9	4124.9	3844.9	3564.9	3494.9	2977.4	2287.5	1942.6	1757.8
125°	3230.1	3294.6	3552.5	3810.5	3552.5	3294.6	3230.1	2790.6	2204.5	1911.5	1750.0
127.5°	3017.6	3072.0	3289.7	3507.3	3289.7	3072.0	3017.6	2640.2	2137.0	1885.4	1745.4
130°	2883.4	2933.7	3134.7	3335.8	3134.7	2933.7	2883.4	2547.5	2099.5	1875.5	1748.2
132.5°	2769.1	2814.1	2994.2	3174.3	2994.2	2814.1	2769.1	2468.3	2067.2	1866.7	1749.9
135°	2607.4	2646.3	2801.4	2956.7	2801.4	2646.3	2607.4	2355.5	2019.8	1851.9	1748.3
137.5°	2488.2	2520.0	2647.0	2774.1	2647.0	2520.0	2488.2	2275.3	1991.3	1849.4	1759.0
140°	2392.5	2422.2	2541.0	2659.7	2541.0	2422.2	2392.5	2208.5	1963.2	1840.6	1760.8
142.5°	2325.4	2350.9	2453.0	2555.2	2453.0	2350.9	2325.4	2163.8	1948.4	1840.6	1767.1
145°	2224.7	2244.0	2321.4	2398.7	2321.4	2244.0	2224.7	2092.5	1916.3	1828.3	1767.2
147.5°	2140.2	2156.2	2220.3	2284.3	2220.3	2156.2	2140.2	2036.2	1897.6	1828.3	1779.4
150°	2091.7	2104.6	2156.6	2208.5	2156.6	2104.6	2091.7	2003.9	1886.8	1828.3	1785.7
152.5°	2053.2	2062.9	2102.2	2141.4	2102.2	2062.9	2053.2	1978.2	1878.3	1828.3	1789.8
155°	2007.1	2013.6	2039.6	2065.6	2039.6	2013.6	2007.1	1947.5	1868.0	1828.3	1799.0
157.5°	1967.4	1972.0	1990.2	2008.4	1990.2	1972.0	1967.4	1921.0	1859.1	1828.3	1808.1
160°	1947.5	1950.1	1960.6	1971.2	1960.6	1950.1	1947.5	1907.7	1854.8	1828.3	1812.2
162.5°	1928.9	1931.3	1941.3	1951.3	1941.3	1931.3	1928.9	1895.3	1850.6	1828.3	1816.6
165°	1900.3	1902.9	1913.4	1923.9	1913.4	1902.9	1900.3	1876.3	1844.3	1828.3	1823.0
167.5°	1887.9	1889.0	1893.4	1897.8	1893.4	1889.0	1887.9	1872.2	1851.2	1840.6	1836.2
170°	1887.9	1887.9	1887.9	1887.9	1887.9	1887.9	1887.9	1872.2	1851.2	1840.6	1840.3
172.5°	1878.0	1877.0	1873.1	1869.2	1873.1	1877.0	1878.0	1865.5	1848.9	1840.6	1840.6
175°	1864.2	1864.2	1864.2	1864.2	1864.2	1864.2	1864.2	1856.3	1845.9	1840.6	1843.1
177.5°	1861.7	1860.6	1856.2	1851.9	1856.2	1860.6	1861.7	1855.5	1847.3	1843.1	1845.1
180°	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9	1851.9



TEST NUMBER: P935377

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	5344.5	5344.5	5344.5	5344.5	5344.5
2.5°	5278.8	5304.1	5319.2	5339.5	5390.1
5°	5076.5	5172.6	5202.9	5278.8	5369.7
7.5°	4631.6	4924.8	5005.7	5187.8	5329.3
10°	4201.8	4495.0	4636.6	5066.5	5278.8
12.5°	3984.4	4156.3	4252.3	4854.0	5208.0
15°	3847.8	3969.2	4040.0	4570.8	5127.1
17.5°	3741.7	3827.6	3878.2	4292.8	5015.9
20°	3675.9	3716.4	3761.9	4090.6	4889.5
22.5°	3630.4	3605.1	3640.6	3948.9	4717.6
25°	3600.0	3504.0	3544.5	3837.7	4515.3
27.5°	3625.3	3413.0	3428.1	3736.6	4302.9
30°	3630.4	3301.7	3306.8	3630.4	4065.3
32.5°	3595.1	3185.5	3190.5	3498.9	3797.2
35°	3509.1	3049.0	3043.9	3347.3	3433.2
37.5°	3392.8	2902.3	2902.3	3180.4	3033.8
40°	3251.2	2755.6	2770.9	2963.0	2679.8
42.5°	3079.2	2599.0	2619.2	2674.8	2416.9
45°	2892.2	2447.3	2462.4	2260.1	2214.6
47.5°	2684.9	2290.5	2295.6	1875.9	2149.0
50°	2437.1	2128.7	2108.4	1607.9	2143.9
52.5°	2219.7	1951.8	1891.0	1456.3	1946.7
55°	2007.3	1764.6	1633.1	1339.9	1805.1
57.5°	1820.3	1522.0	1395.5	1203.4	1774.8
60°	1648.4	1284.3	1188.2	1056.8	1628.2
62.5°	1506.7	1107.4	1087.1	955.7	1476.5
65°	1355.1	985.9	981.0	869.7	1254.0
67.5°	1208.4	905.1	900.0	788.7	955.7
70°	1051.7	819.1	809.1	702.8	707.9
72.5°	889.9	723.1	712.9	632.1	586.5
75°	728.1	611.8	606.8	551.1	475.3
77.5°	571.4	485.5	495.5	444.9	348.9
80°	409.6	354.0	364.0	318.5	262.9
82.5°	273.0	232.6	242.7	202.3	177.0
85°	151.7	131.5	136.6	106.2	80.9
87.5°	70.8	60.7	60.7	40.4	25.3
90°	54.7	34.8	32.3	22.4	12.4
92.5°	337.2	239.8	218.7	134.2	49.7
95°	829.8	467.3	428.7	274.0	119.3
97.5°	1117.7	513.3	479.2	342.7	206.3
100°	1222.5	551.8	520.8	397.1	273.4
102.5°	1270.6	590.3	561.4	446.0	330.6
105°	1306.3	647.5	623.1	525.3	427.6
107.5°	1312.8	732.1	709.3	618.1	527.0
110°	1302.9	779.3	758.7	676.4	594.1



TEST NUMBER: P935377

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1303.4	836.4	816.8	738.4	659.9
115°	1315.3	922.2	904.1	831.8	759.4
117.5°	1339.8	1005.5	989.0	923.3	857.6
120°	1359.7	1054.0	1038.5	976.6	914.7
122.5°	1388.3	1111.1	1095.5	1033.2	970.7
125°	1426.8	1184.4	1170.2	1113.3	1056.5
127.5°	1465.3	1255.3	1240.9	1183.4	1126.0
130°	1493.5	1302.5	1287.0	1225.2	1163.3
132.5°	1516.2	1341.0	1325.6	1263.7	1201.9
135°	1541.1	1385.7	1371.7	1315.3	1259.0
137.5°	1578.4	1442.9	1429.0	1373.2	1317.4
140°	1601.2	1481.5	1468.6	1417.3	1365.9
142.5°	1620.2	1510.0	1498.2	1450.7	1403.2
145°	1645.1	1553.6	1543.2	1501.8	1460.3
147.5°	1681.5	1608.2	1598.2	1557.8	1517.5
150°	1700.7	1636.8	1627.7	1591.2	1554.8
152.5°	1713.0	1655.5	1648.6	1620.9	1593.3
155°	1740.4	1696.5	1691.4	1670.9	1650.5
157.5°	1767.8	1737.5	1732.5	1712.6	1692.7
160°	1780.2	1756.1	1752.3	1736.8	1721.3
162.5°	1793.4	1776.0	1773.1	1761.4	1749.9
165°	1812.4	1804.6	1802.0	1791.4	1780.9
167.5°	1827.4	1820.8	1819.5	1814.5	1809.5
170°	1839.8	1839.4	1838.2	1833.2	1828.3
172.5°	1840.6	1840.6	1840.3	1839.2	1838.1
175°	1848.1	1851.9	1851.9	1851.9	1851.9
177.5°	1849.0	1851.9	1851.9	1851.9	1851.9
180°	1851.9	1851.9	1851.9	1851.9	1851.9



TEST NUMBER: P935377
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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	14.88	15.78	15.81	16.72	17.94	17.74	18.63	18.66	19.57	20.79
	3H	15.36	16.17	16.30	17.12	18.36	19.09	19.89	20.03	20.85	22.09
	4H	15.56	16.31	16.51	17.27	18.52	19.54	20.30	20.49	21.26	22.51
	6H	15.68	16.38	16.64	17.34	18.60	19.83	20.53	20.80	21.49	22.76
	8H	15.68	16.34	16.65	17.32	18.59	19.91	20.58	20.88	21.56	22.82
	12H	15.65	16.28	16.63	17.26	18.55	19.95	20.59	20.93	21.56	22.85
4H	2H	15.93	16.68	16.88	17.64	18.89	18.15	18.91	19.11	19.86	21.12
	3H	16.96	17.59	17.92	18.58	19.84	19.66	20.30	20.63	21.28	22.55
	4H	17.23	17.81	18.21	18.79	20.08	20.20	20.77	21.17	21.76	23.05
	6H	17.36	17.86	18.35	18.86	20.15	20.57	21.07	21.56	22.07	23.36
	8H	17.37	17.83	18.36	18.83	20.13	20.68	21.14	21.67	22.14	23.45
	12H	17.34	17.75	18.35	18.77	20.08	20.74	21.16	21.75	22.18	23.48
8H	4H	17.69	18.16	18.68	19.16	20.46	20.32	20.79	21.32	21.79	23.09
	6H	17.96	18.34	18.97	19.38	20.68	20.77	21.15	21.78	22.19	23.49
	8H	18.00	18.34	19.02	19.36	20.68	20.92	21.26	21.95	22.29	23.61
	12H	17.99	18.28	19.01	19.30	20.67	21.03	21.33	22.06	22.35	23.71
12H	4H	17.70	18.12	18.71	19.14	20.44	20.29	20.71	21.30	21.72	23.03
	6H	18.02	18.36	19.04	19.38	20.70	20.76	21.10	21.79	22.13	23.45
	8H	18.09	18.39	19.12	19.41	20.77	20.93	21.23	21.96	22.25	23.61