

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: P935478

Luminaire Tested: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935478
REPORT IS A COMBINATION OF REPORTS P933753 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

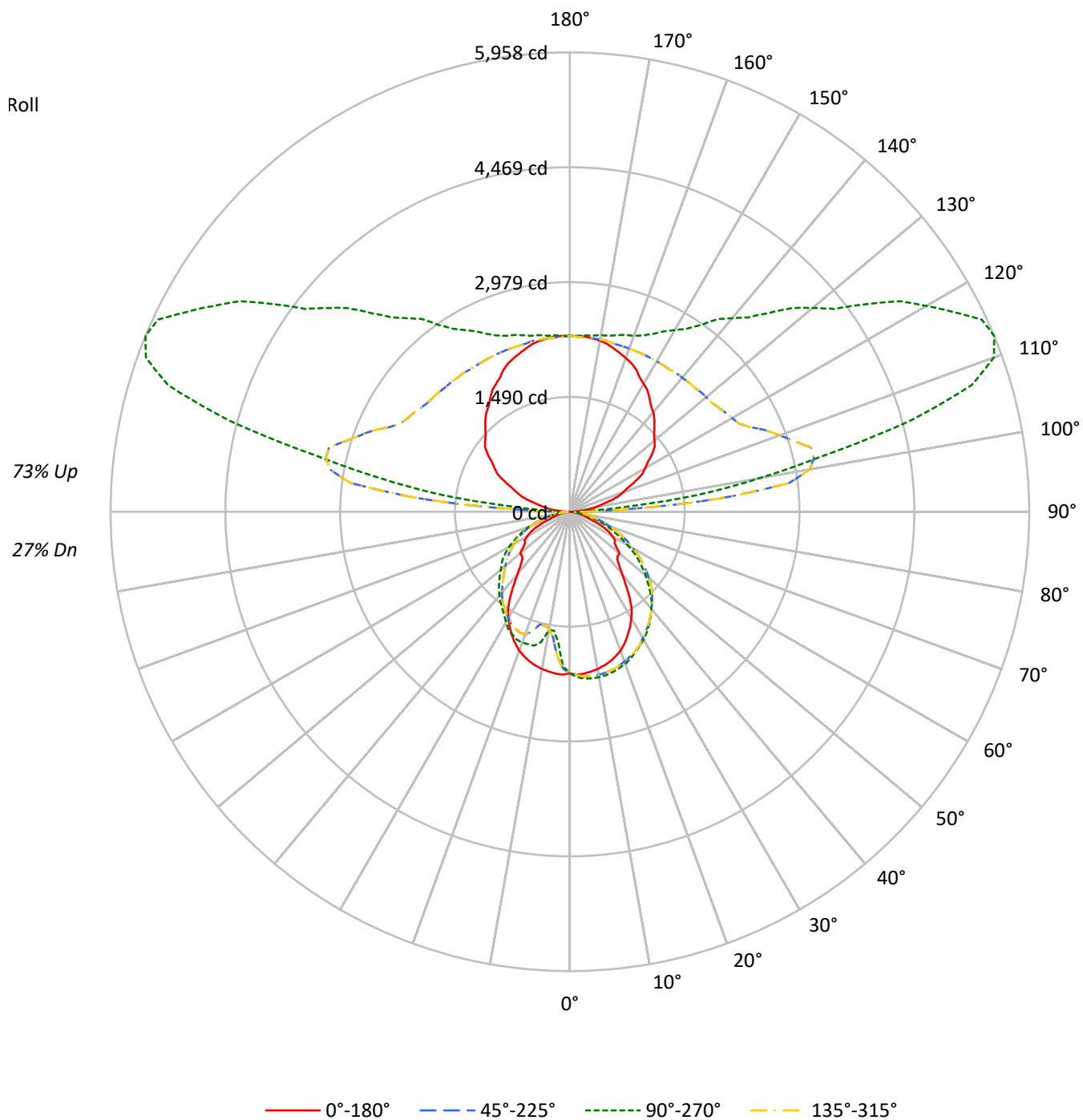
Lumens per Lamp: N/A
Luminaire Lumens: 20238.6 lumens
Efficiency: N/A
Efficacy: 141.7 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 142.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	102	102	102	102	91	91	91	91	71	71	71	52	52	52	35	35	35			27
1	93	88	85	81	83	79	76	73	62	60	58	46	44	43	31	30	29			23
2	84	77	71	66	75	69	64	60	54	51	48	40	38	36	27	26	25			19
3	77	68	61	55	68	61	55	50	48	43	40	35	33	30	24	22	21			16
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	20	18			14
5	64	53	45	40	57	48	41	36	38	33	29	28	25	22	19	17	16			12
6	59	48	40	34	53	43	36	31	34	29	25	25	22	19	17	15	14			10
7	55	43	35	30	49	38	32	27	30	26	22	23	20	17	16	14	12			9
8	50	39	31	26	45	35	28	24	28	23	19	21	18	15	15	12	11			8
9	47	35	28	23	42	32	25	21	25	21	17	19	16	14	13	11	10			7
10	44	32	25	20	39	29	23	19	23	19	15	18	14	12	12	10	9			7

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	6486	6486	6486	6486
5°	6537	6547	6537	5148
10°	6495	6449	6495	4611
15°	6427	6309	6427	5269
20°	6295	6144	6295	5280
25°	6022	5903	6022	5167
30°	5669	5702	5669	4922
35°	5057	5449	5057	4652
40°	4216	5150	4216	4448
45°	3769	4801	3769	4214
50°	4008	4384	4008	3978
55°	3774	3935	3774	3842
60°	3895	3342	3895	3519
65°	3538	2763	3538	3088
70°	2456	2202	2456	2589
75°	2162	1628	2162	1949
80°	1754	1076	1754	1172
85°	1027	570	1027	484

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 5774 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	189.3	0.9
10°-20°	537.4	2.7
20°-30°	830.7	4.1
30°-40°	991.7	4.9
40°-50°	997.6	4.9
50°-60°	868.0	4.3
60°-70°	615.4	3.0
70°-80°	325.6	1.6
80°-90°	89.8	0.4
90°-100°	1112.3	5.5
100°-110°	2924.4	14.4
110°-120°	3032.3	15.0
120°-130°	2432.3	12.0
130°-140°	1908.5	9.4
140°-150°	1464.8	7.2
150°-160°	1054.9	5.2
160°-170°	645.5	3.2
170°-180°	218.1	1.1
0°-30°	1557.4	7.7
0°-40°	2549.2	12.6
0°-60°	4414.7	21.8
0°-90°	5445.5	26.9
90°-120°	7069.1	34.9
90°-150°	12874.7	63.6
90°-180°	14793.0	73.1
0°-180°	20238.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2097	2097	2097	2097	2097	
5°	2107	2172	2107	1708	2107	200
15°	2012	2152	2012	1797	2012	566
25°	1772	2008	1772	1758	1772	813
35°	1347	1791	1347	1530	1347	833
45°	869	1476	869	1295	869	696
55°	708	1089	708	1063	708	651
65°	492	657	492	734	492	470
75°	186	312	186	373	186	196
85°	32	79	32	67	32	43
90°	15	58	15	58	15	14
95°	147	672	147	672	147	163
105°	527	4579	527	4579	527	559
115°	936	5896	936	5896	936	924
125°	1302	4696	1302	4696	1302	1156
135°	1552	3644	1552	3644	1552	1200
145°	1800	2956	1800	2956	1800	1127
155°	2034	2545	2034	2545	2034	935
165°	2195	2371	2195	2371	2195	619
175°	2282	2297	2282	2297	2282	217
180°	2282	2282	2282	2282	2282	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8
2.5°	2114.7	2114.7	2126.6	2130.5	2130.5	2124.6	2118.7	2124.6	2142.5	2148.4	2146.4
5°	2106.8	2122.7	2144.5	2148.4	2152.4	2150.5	2146.4	2150.5	2170.3	2174.2	2176.2
7.5°	2090.9	2120.7	2148.4	2154.4	2160.3	2154.4	2152.4	2156.4	2176.2	2180.1	2180.1
10°	2071.1	2112.7	2144.5	2148.4	2154.4	2148.4	2148.4	2156.4	2176.2	2180.1	2182.2
12.5°	2043.3	2100.9	2130.5	2134.6	2142.5	2140.5	2138.5	2146.4	2166.3	2170.3	2170.3
15°	2011.5	2079.0	2106.8	2110.7	2124.6	2120.7	2120.7	2128.6	2150.5	2156.4	2154.4
17.5°	1968.0	2051.3	2083.0	2088.9	2098.9	2096.8	2098.9	2106.8	2126.6	2130.5	2132.6
20°	1918.4	2013.5	2051.3	2057.2	2067.1	2067.1	2067.1	2077.0	2096.8	2104.8	2104.8
22.5°	1850.9	1973.9	2013.5	2017.6	2029.4	2029.4	2033.4	2047.2	2065.1	2067.1	2067.1
25°	1771.5	1930.2	1963.9	1975.8	1987.8	1993.7	1999.7	2007.6	2013.5	2011.5	2013.5
27.5°	1688.2	1874.7	1918.4	1926.2	1942.1	1948.0	1956.0	1958.0	1960.0	1965.9	1961.9
30°	1595.0	1797.3	1862.8	1870.7	1896.5	1900.5	1892.5	1896.5	1906.4	1910.4	1914.3
32.5°	1489.8	1682.2	1805.3	1823.1	1846.9	1835.0	1833.0	1839.0	1854.9	1854.9	1858.8
35°	1347.0	1593.0	1751.7	1767.6	1785.4	1771.5	1779.4	1781.4	1791.4	1797.3	1795.3
37.5°	1190.3	1515.6	1696.1	1708.0	1722.0	1704.1	1715.9	1722.0	1729.8	1725.9	1725.9
40°	1051.4	1394.6	1630.6	1638.6	1650.5	1636.7	1648.5	1652.5	1656.5	1652.5	1650.5
42.5°	948.2	1261.7	1561.2	1571.2	1563.2	1573.2	1577.1	1585.1	1579.1	1571.2	1571.2
45°	868.9	1226.0	1485.9	1497.7	1485.9	1501.8	1507.7	1507.7	1489.8	1485.9	1483.8
47.5°	843.1	1154.6	1410.5	1410.5	1404.6	1424.4	1434.2	1420.4	1402.6	1396.6	1396.6
50°	841.2	1075.2	1307.3	1299.4	1327.2	1350.9	1341.1	1327.2	1313.3	1291.5	1291.5
52.5°	763.8	978.0	1174.4	1204.2	1247.8	1261.7	1245.8	1231.9	1208.1	1198.2	1190.3
55°	708.2	876.8	1053.3	1112.9	1158.6	1176.4	1146.6	1132.7	1097.0	1091.1	1087.2
57.5°	696.3	730.0	942.3	1017.7	1073.3	1071.3	1053.3	1027.6	997.8	991.9	989.9
60°	638.8	527.7	823.3	912.5	970.0	964.1	948.2	924.5	896.7	892.7	888.8
62.5°	579.3	382.9	688.3	789.6	870.8	868.9	855.1	819.3	799.4	789.6	781.6
65°	492.0	321.3	490.0	656.7	773.7	777.7	747.9	722.1	700.3	688.3	686.4
67.5°	375.0	261.9	331.3	547.5	680.4	676.5	638.8	626.9	599.1	593.2	581.2
70°	277.8	174.6	230.1	444.4	589.2	579.3	549.5	535.6	509.9	496.0	488.0
72.5°	230.1	140.8	168.6	345.2	496.0	484.0	458.3	442.4	420.5	408.7	400.7
75°	186.5	148.8	129.0	255.9	402.7	394.8	370.9	355.1	337.2	321.3	323.3
77.5°	136.9	138.8	103.1	188.4	319.4	307.5	293.6	273.8	265.8	250.0	250.0
80°	103.1	109.2	77.4	129.0	230.1	230.1	218.2	204.3	190.4	182.5	182.5
82.5°	69.4	69.4	57.5	81.3	156.7	150.8	142.9	138.8	130.9	127.0	127.0
85°	31.7	39.6	35.7	49.6	85.3	89.2	89.2	85.3	83.3	79.4	81.3
87.5°	10.0	17.8	21.8	27.8	43.7	45.7	47.6	47.6	47.6	49.6	49.6
90°	15.3	27.5	39.8	42.9	67.3	100.0	116.3	103.4	77.6	58.2	58.2
92.5°	61.2	165.4	269.6	295.6	415.6	575.5	655.5	574.4	412.4	291.0	279.4
95°	147.0	337.6	528.2	575.8	1022.5	1618.1	1915.9	1709.6	1297.2	987.9	952.8
97.5°	254.2	422.3	590.5	632.5	1377.3	2370.4	2867.0	2736.6	2475.9	2280.4	2213.7
100°	336.9	489.5	641.9	680.0	1506.5	2608.6	3159.5	3169.1	3188.1	3202.4	3123.0
102.5°	407.4	549.7	691.9	727.5	1565.8	2683.4	3242.3	3408.3	3740.5	3989.7	3921.6
105°	526.8	647.3	767.8	798.0	1609.6	2691.9	3233.0	3605.3	4350.0	4908.5	4871.9
107.5°	649.4	761.7	874.0	902.1	1617.8	2572.2	3049.3	3568.6	4607.3	5386.3	5395.2
110°	732.1	833.5	934.9	960.3	1605.5	2465.9	2896.1	3476.7	4637.9	5508.9	5547.0

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	813.3	909.9	1006.5	1030.7	1606.0	2373.2	2756.8	3351.0	4539.4	5430.8	5489.4
115°	935.7	1024.8	1114.1	1136.4	1620.9	2266.8	2589.8	3162.3	4307.1	5165.9	5247.0
117.5°	1056.8	1137.7	1218.8	1239.0	1651.0	2200.3	2475.0	2991.6	4024.9	4799.7	4889.8
120°	1127.2	1203.4	1279.7	1298.8	1675.5	2177.9	2429.0	2901.1	3845.2	4553.2	4640.7
122.5°	1196.1	1273.0	1349.9	1369.2	1710.7	2166.1	2393.8	2818.9	3669.0	4306.7	4392.9
125°	1301.8	1371.9	1442.0	1459.6	1758.2	2156.4	2355.5	2716.5	3438.8	3980.4	4059.9
127.5°	1387.6	1458.4	1529.2	1546.8	1805.7	2150.8	2323.3	2633.3	3253.4	3718.5	3785.5
130°	1433.5	1509.8	1586.0	1605.0	1840.4	2154.2	2311.1	2587.1	3139.1	3553.1	3615.1
132.5°	1481.0	1557.2	1633.5	1652.5	1868.5	2156.4	2300.3	2547.4	3041.6	3412.3	3467.8
135°	1551.5	1620.9	1690.3	1707.7	1899.1	2154.4	2282.0	2489.0	2902.8	3213.2	3261.0
137.5°	1623.4	1692.2	1760.9	1778.1	1945.0	2167.6	2278.9	2453.9	2803.7	3066.1	3105.2
140°	1683.1	1746.4	1809.7	1825.6	1973.1	2169.8	2268.2	2419.2	2721.5	2948.1	2984.7
142.5°	1729.0	1787.6	1846.2	1860.8	1996.6	2177.7	2268.2	2400.9	2666.4	2865.5	2897.0
145°	1799.5	1850.6	1901.7	1914.4	2027.2	2177.7	2252.9	2361.5	2578.6	2741.4	2765.2
147.5°	1869.9	1919.6	1969.3	1981.8	2072.2	2192.7	2252.9	2338.3	2509.2	2637.3	2657.0
150°	1915.9	1960.9	2005.8	2017.1	2095.6	2200.5	2252.9	2325.1	2469.3	2577.5	2593.5
152.5°	1963.4	1997.4	2031.6	2040.0	2111.0	2205.6	2252.9	2314.5	2437.7	2530.1	2542.2
155°	2033.8	2059.1	2084.2	2090.5	2144.6	2216.8	2252.9	2301.9	2399.9	2473.4	2481.4
157.5°	2086.0	2110.4	2135.0	2141.1	2178.4	2228.1	2252.9	2291.0	2367.2	2424.4	2430.0
160°	2121.2	2140.2	2159.3	2164.1	2193.7	2233.2	2252.9	2285.5	2350.9	2399.9	2403.2
162.5°	2156.4	2170.7	2185.0	2188.5	2210.0	2238.6	2252.9	2280.5	2335.6	2377.0	2380.0
165°	2194.6	2207.6	2220.5	2223.7	2233.5	2246.4	2252.9	2272.6	2312.1	2341.7	2344.9
167.5°	2229.9	2236.1	2242.2	2243.6	2251.8	2262.8	2268.2	2281.1	2306.9	2326.4	2327.7
170°	2252.9	2259.0	2265.1	2266.6	2267.1	2267.8	2268.2	2281.1	2306.9	2326.4	2326.4
172.5°	2265.1	2266.5	2267.9	2268.2	2268.2	2268.2	2268.2	2278.4	2298.9	2314.1	2313.0
175°	2282.0	2282.0	2282.0	2282.0	2277.4	2271.3	2268.2	2274.7	2287.6	2297.3	2297.3
177.5°	2282.0	2282.0	2282.0	2282.0	2278.4	2273.6	2271.3	2276.4	2286.5	2294.2	2292.8
180°	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8
2.5°	2150.5	2144.5	2150.5	2146.4	2148.4	2142.5	2124.6	2118.7	2124.6	2130.5	2130.5
5°	2176.2	2172.3	2176.2	2176.2	2174.2	2170.3	2150.5	2146.4	2150.5	2152.4	2148.4
7.5°	2184.2	2178.2	2184.2	2180.1	2180.1	2176.2	2156.4	2152.4	2154.4	2160.3	2154.4
10°	2184.2	2178.2	2184.2	2182.2	2180.1	2176.2	2156.4	2148.4	2148.4	2154.4	2148.4
12.5°	2174.2	2170.3	2174.2	2170.3	2170.3	2166.3	2146.4	2138.5	2140.5	2142.5	2134.6
15°	2158.4	2152.4	2158.4	2154.4	2156.4	2150.5	2128.6	2120.7	2120.7	2124.6	2110.7
17.5°	2134.6	2126.6	2134.6	2132.6	2130.5	2126.6	2106.8	2098.9	2096.8	2098.9	2088.9
20°	2106.8	2100.9	2106.8	2104.8	2104.8	2096.8	2077.0	2067.1	2067.1	2067.1	2057.2
22.5°	2063.1	2057.2	2063.1	2067.1	2067.1	2065.1	2047.2	2033.4	2029.4	2029.4	2017.6
25°	2013.5	2007.6	2013.5	2013.5	2011.5	2013.5	2007.6	1999.7	1993.7	1987.8	1975.8
27.5°	1965.9	1961.9	1965.9	1961.9	1965.9	1960.0	1958.0	1956.0	1948.0	1942.1	1926.2
30°	1918.4	1914.3	1918.4	1914.3	1910.4	1906.4	1896.5	1892.5	1900.5	1896.5	1870.7
32.5°	1858.8	1854.9	1858.8	1858.8	1854.9	1854.9	1839.0	1833.0	1835.0	1846.9	1823.1
35°	1797.3	1791.4	1797.3	1795.3	1797.3	1791.4	1781.4	1779.4	1771.5	1785.4	1767.6
37.5°	1725.9	1720.0	1725.9	1725.9	1725.9	1729.8	1722.0	1715.9	1704.1	1722.0	1708.0
40°	1652.5	1644.5	1652.5	1650.5	1652.5	1656.5	1652.5	1648.5	1636.7	1650.5	1638.6
42.5°	1569.2	1567.1	1569.2	1571.2	1571.2	1579.1	1585.1	1577.1	1573.2	1563.2	1571.2
45°	1479.9	1475.9	1479.9	1483.8	1485.9	1489.8	1507.7	1507.7	1501.8	1485.9	1497.7
47.5°	1384.6	1374.8	1384.6	1396.6	1396.6	1402.6	1420.4	1434.2	1424.4	1404.6	1410.5
50°	1283.5	1285.4	1283.5	1291.5	1291.5	1313.3	1327.2	1341.1	1350.9	1327.2	1299.4
52.5°	1184.3	1182.3	1184.3	1190.3	1198.2	1208.1	1231.9	1245.8	1261.7	1247.8	1204.2
55°	1085.1	1089.1	1085.1	1087.2	1091.1	1097.0	1132.7	1146.6	1176.4	1158.6	1112.9
57.5°	985.9	980.0	985.9	989.9	991.9	997.8	1027.6	1053.3	1071.3	1073.3	1017.7
60°	870.8	862.9	870.8	888.8	892.7	896.7	924.5	948.2	964.1	970.0	912.5
62.5°	769.7	755.9	769.7	781.6	789.6	799.4	819.3	855.1	868.9	870.8	789.6
65°	662.6	656.7	662.6	686.4	688.3	700.3	722.1	747.9	777.7	773.7	656.7
67.5°	565.4	565.4	565.4	581.2	593.2	599.1	626.9	638.8	676.5	680.4	547.5
70°	476.1	474.2	476.1	488.0	496.0	509.9	535.6	549.5	579.3	589.2	444.4
72.5°	390.9	388.8	390.9	400.7	408.7	420.5	442.4	458.3	484.0	496.0	345.2
75°	315.4	311.5	315.4	323.3	321.3	337.2	355.1	370.9	394.8	402.7	255.9
77.5°	242.1	242.1	242.1	250.0	250.0	265.8	273.8	293.6	307.5	319.4	188.4
80°	180.5	178.6	180.5	182.5	182.5	190.4	204.3	218.2	230.1	230.1	129.0
82.5°	127.0	123.0	127.0	127.0	127.0	130.9	138.8	142.9	150.8	156.7	81.3
85°	79.4	79.4	79.4	81.3	79.4	83.3	85.3	89.2	89.2	85.3	49.6
87.5°	51.6	49.6	51.6	49.6	49.6	47.6	47.6	47.6	45.7	43.7	27.8
90°	58.2	58.2	58.2	58.2	58.2	77.6	103.4	116.3	100.0	67.3	42.9
92.5°	233.1	186.8	233.1	279.4	291.0	412.4	574.4	655.5	575.5	415.6	295.6
95°	812.6	672.4	812.6	952.8	987.9	1297.2	1709.6	1915.9	1618.1	1022.5	575.8
97.5°	1946.9	1680.0	1946.9	2213.7	2280.4	2475.9	2736.6	2867.0	2370.4	1377.3	632.5
100°	2805.1	2487.2	2805.1	3123.0	3202.4	3188.1	3169.1	3159.5	2608.6	1506.5	680.0
102.5°	3649.3	3377.0	3649.3	3921.6	3989.7	3740.5	3408.3	3242.3	2683.4	1565.8	727.5
105°	4725.6	4579.3	4725.6	4871.9	4908.5	4350.0	3605.3	3233.0	2691.9	1609.6	798.0
107.5°	5430.6	5466.0	5430.6	5395.2	5386.3	4607.3	3568.6	3049.3	2572.2	1617.8	902.1
110°	5699.5	5851.9	5699.5	5547.0	5508.9	4637.9	3476.7	2896.1	2465.9	1605.5	960.3

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5723.4	5957.6	5723.4	5489.4	5430.8	4539.4	3351.0	2756.8	2373.2	1606.0	1030.7
115°	5571.7	5896.4	5571.7	5247.0	5165.9	4307.1	3162.3	2589.8	2266.8	1620.9	1136.4
117.5°	5249.9	5609.9	5249.9	4889.8	4799.7	4024.9	2991.6	2475.0	2200.3	1651.0	1239.0
120°	4990.5	5340.4	4990.5	4640.7	4553.2	3845.2	2901.1	2429.0	2177.9	1675.5	1298.8
122.5°	4738.0	5083.1	4738.0	4392.9	4306.7	3669.0	2818.9	2393.8	2166.1	1710.7	1369.2
125°	4377.7	4695.6	4377.7	4059.9	3980.4	3438.8	2716.5	2355.5	2156.4	1758.2	1459.6
127.5°	4053.7	4321.9	4053.7	3785.5	3718.5	3253.4	2633.3	2323.3	2150.8	1805.7	1546.8
130°	3862.9	4110.6	3862.9	3615.1	3553.1	3139.1	2587.1	2311.1	2154.2	1840.4	1605.0
132.5°	3689.6	3911.5	3689.6	3467.8	3412.3	3041.6	2547.4	2300.3	2156.4	1868.5	1652.5
135°	3452.2	3643.5	3452.2	3261.0	3213.2	2902.8	2489.0	2282.0	2154.4	1899.1	1707.7
137.5°	3261.8	3418.4	3261.8	3105.2	3066.1	2803.7	2453.9	2278.9	2167.6	1945.0	1778.1
140°	3131.1	3277.5	3131.1	2984.7	2948.1	2721.5	2419.2	2268.2	2169.8	1973.1	1825.6
142.5°	3022.9	3148.8	3022.9	2897.0	2865.5	2666.4	2400.9	2268.2	2177.7	1996.6	1860.8
145°	2860.5	2955.8	2860.5	2765.2	2741.4	2578.6	2361.5	2252.9	2177.7	2027.2	1914.4
147.5°	2736.0	2814.9	2736.0	2657.0	2637.3	2509.2	2338.3	2252.9	2192.7	2072.2	1981.8
150°	2657.6	2721.6	2657.6	2593.5	2577.5	2469.3	2325.1	2252.9	2200.5	2095.6	2017.1
152.5°	2590.5	2638.8	2590.5	2542.2	2530.1	2437.7	2314.5	2252.9	2205.6	2111.0	2040.0
155°	2513.4	2545.4	2513.4	2481.4	2473.4	2399.9	2301.9	2252.9	2216.8	2144.6	2090.5
157.5°	2452.5	2475.0	2452.5	2430.0	2424.4	2367.2	2291.0	2252.9	2228.1	2178.4	2141.1
160°	2416.1	2429.0	2416.1	2403.2	2399.9	2350.9	2285.5	2252.9	2233.2	2193.7	2164.1
162.5°	2392.2	2404.5	2392.2	2380.0	2377.0	2335.6	2280.5	2252.9	2238.6	2210.0	2188.5
165°	2357.8	2370.8	2357.8	2344.9	2341.7	2312.1	2272.6	2252.9	2246.4	2233.5	2223.7
167.5°	2333.2	2338.6	2333.2	2327.7	2326.4	2306.9	2281.1	2268.2	2262.8	2251.8	2243.6
170°	2326.4	2326.4	2326.4	2326.4	2326.4	2306.9	2281.1	2268.2	2267.8	2267.1	2266.6
172.5°	2308.1	2303.4	2308.1	2313.0	2314.1	2298.9	2278.4	2268.2	2268.2	2268.2	2268.2
175°	2297.3	2297.3	2297.3	2297.3	2297.3	2287.6	2274.7	2268.2	2271.3	2277.4	2282.0
177.5°	2287.4	2282.0	2287.4	2292.8	2294.2	2286.5	2276.4	2271.3	2273.6	2278.4	2282.0
180°	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8
2.5°	2126.6	2114.7	2114.7	2094.9	2087.0	2081.0	2071.1	2041.3	2033.4	2025.4	2037.4
5°	2144.5	2122.7	2106.8	2071.1	2041.3	2029.4	1991.7	1920.3	1872.7	1837.0	1817.2
7.5°	2148.4	2120.7	2090.9	2035.4	1963.9	1932.2	1817.2	1686.3	1650.5	1618.8	1598.9
10°	2144.5	2112.7	2071.1	1987.8	1819.2	1763.6	1648.5	1563.2	1541.4	1535.5	1541.4
12.5°	2130.5	2100.9	2043.3	1904.5	1668.4	1630.6	1563.2	1513.6	1509.7	1519.6	1573.2
15°	2106.8	2079.0	2011.5	1793.3	1585.1	1557.3	1509.7	1491.8	1513.6	1583.0	1743.7
17.5°	2083.0	2051.3	1968.0	1684.3	1521.6	1501.8	1468.0	1503.7	1626.7	1720.0	1773.5
20°	2051.3	2013.5	1918.4	1604.9	1475.9	1458.1	1442.2	1602.9	1696.1	1729.8	1759.6
22.5°	2013.5	1973.9	1850.9	1549.3	1428.3	1414.4	1424.4	1658.5	1696.1	1720.0	1745.7
25°	1963.9	1930.2	1771.5	1505.7	1390.7	1374.8	1412.4	1652.5	1674.3	1680.2	1731.8
27.5°	1918.4	1874.7	1688.2	1466.0	1345.0	1339.1	1422.4	1626.7	1642.6	1648.5	1704.1
30°	1862.8	1797.3	1595.0	1424.4	1297.4	1295.4	1424.4	1595.0	1591.0	1606.9	1662.4
32.5°	1805.3	1682.2	1489.8	1372.8	1251.7	1249.8	1410.5	1547.3	1543.4	1565.2	1606.9
35°	1751.7	1593.0	1347.0	1313.3	1194.2	1196.2	1376.8	1491.8	1493.8	1513.6	1539.4
37.5°	1696.1	1515.6	1190.3	1247.8	1138.7	1138.7	1331.1	1440.3	1436.3	1442.2	1477.9
40°	1630.6	1394.6	1051.4	1162.5	1087.2	1081.1	1275.6	1384.6	1370.8	1368.9	1418.4
42.5°	1561.2	1261.7	948.2	1049.4	1027.6	1019.6	1208.1	1317.2	1291.5	1297.4	1360.9
45°	1485.9	1226.0	868.9	886.7	966.1	960.2	1134.7	1239.9	1222.0	1237.9	1303.4
47.5°	1410.5	1154.6	843.1	736.0	900.6	898.6	1053.3	1164.5	1154.6	1170.5	1239.9
50°	1307.3	1075.2	841.2	630.8	827.3	835.1	956.2	1091.1	1091.1	1105.0	1178.4
52.5°	1174.4	978.0	763.8	571.3	742.0	765.7	870.8	1027.6	1031.6	1045.5	1110.9
55°	1053.3	876.8	708.2	525.7	640.8	692.4	787.5	962.1	970.0	983.9	1043.5
57.5°	942.3	730.0	696.3	472.1	547.5	597.1	714.2	898.6	902.6	914.5	972.1
60°	823.3	527.7	638.8	414.6	466.2	503.8	646.7	823.3	837.1	845.1	894.7
62.5°	688.3	382.9	579.3	375.0	426.5	434.4	591.2	751.8	769.7	775.7	805.5
65°	490.0	321.3	492.0	341.3	384.8	386.8	531.7	678.5	694.3	704.2	726.1
67.5°	331.3	261.9	375.0	309.5	353.1	355.1	474.2	593.2	615.0	623.0	636.8
70°	230.1	174.6	277.8	275.8	317.4	321.3	412.6	515.8	535.6	541.6	549.5
72.5°	168.6	140.8	230.1	248.0	279.7	283.7	349.1	428.5	448.3	454.3	458.3
75°	129.0	148.8	186.5	216.2	238.0	240.0	285.6	349.1	363.0	367.0	369.0
77.5°	103.1	138.8	136.9	174.6	194.4	190.4	224.2	269.8	281.7	281.7	281.7
80°	77.4	109.2	103.1	125.0	142.9	138.8	160.7	192.5	196.4	200.4	198.4
82.5°	57.5	69.4	69.4	79.4	95.2	91.3	107.1	125.0	125.0	125.0	129.0
85°	35.7	39.6	31.7	41.7	53.5	51.6	59.6	67.4	69.4	69.4	65.5
87.5°	21.8	17.8	10.0	15.9	23.8	23.8	27.8	29.8	27.8	27.8	27.8
90°	39.8	27.5	15.3	27.5	39.8	42.9	67.3	100.0	116.3	103.4	77.6
92.5°	269.6	165.4	61.2	165.4	269.6	295.6	415.6	575.5	655.5	574.4	412.4
95°	528.2	337.6	147.0	337.6	528.2	575.8	1022.5	1618.1	1915.9	1709.6	1297.2
97.5°	590.5	422.3	254.2	422.3	590.5	632.5	1377.3	2370.4	2867.0	2736.6	2475.9
100°	641.9	489.5	336.9	489.5	641.9	680.0	1506.5	2608.6	3159.5	3169.1	3188.1
102.5°	691.9	549.7	407.4	549.7	691.9	727.5	1565.8	2683.4	3242.3	3408.3	3740.5
105°	767.8	647.3	526.8	647.3	767.8	798.0	1609.6	2691.9	3233.0	3605.3	4350.0
107.5°	874.0	761.7	649.4	761.7	874.0	902.1	1617.8	2572.2	3049.3	3568.6	4607.3
110°	934.9	833.5	732.1	833.5	934.9	960.3	1605.5	2465.9	2896.1	3476.7	4637.9

TEST NUMBER: P935478

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	1006.5	909.9	813.3	909.9	1006.5	1030.7	1606.0	2373.2	2756.8	3351.0	4539.4
115°	1114.1	1024.8	935.7	1024.8	1114.1	1136.4	1620.9	2266.8	2589.8	3162.3	4307.1
117.5°	1218.8	1137.7	1056.8	1137.7	1218.8	1239.0	1651.0	2200.3	2475.0	2991.6	4024.9
120°	1279.7	1203.4	1127.2	1203.4	1279.7	1298.8	1675.5	2177.9	2429.0	2901.1	3845.2
122.5°	1349.9	1273.0	1196.1	1273.0	1349.9	1369.2	1710.7	2166.1	2393.8	2818.9	3669.0
125°	1442.0	1371.9	1301.8	1371.9	1442.0	1459.6	1758.2	2156.4	2355.5	2716.5	3438.8
127.5°	1529.2	1458.4	1387.6	1458.4	1529.2	1546.8	1805.7	2150.8	2323.3	2633.3	3253.4
130°	1586.0	1509.8	1433.5	1509.8	1586.0	1605.0	1840.4	2154.2	2311.1	2587.1	3139.1
132.5°	1633.5	1557.2	1481.0	1557.2	1633.5	1652.5	1868.5	2156.4	2300.3	2547.4	3041.6
135°	1690.3	1620.9	1551.5	1620.9	1690.3	1707.7	1899.1	2154.4	2282.0	2489.0	2902.8
137.5°	1760.9	1692.2	1623.4	1692.2	1760.9	1778.1	1945.0	2167.6	2278.9	2453.9	2803.7
140°	1809.7	1746.4	1683.1	1746.4	1809.7	1825.6	1973.1	2169.8	2268.2	2419.2	2721.5
142.5°	1846.2	1787.6	1729.0	1787.6	1846.2	1860.8	1996.6	2177.7	2268.2	2400.9	2666.4
145°	1901.7	1850.6	1799.5	1850.6	1901.7	1914.4	2027.2	2177.7	2252.9	2361.5	2578.6
147.5°	1969.3	1919.6	1869.9	1919.6	1969.3	1981.8	2072.2	2192.7	2252.9	2338.3	2509.2
150°	2005.8	1960.9	1915.9	1960.9	2005.8	2017.1	2095.6	2200.5	2252.9	2325.1	2469.3
152.5°	2031.6	1997.4	1963.4	1997.4	2031.6	2040.0	2111.0	2205.6	2252.9	2314.5	2437.7
155°	2084.2	2059.1	2033.8	2059.1	2084.2	2090.5	2144.6	2216.8	2252.9	2301.9	2399.9
157.5°	2135.0	2110.4	2086.0	2110.4	2135.0	2141.1	2178.4	2228.1	2252.9	2291.0	2367.2
160°	2159.3	2140.2	2121.2	2140.2	2159.3	2164.1	2193.7	2233.2	2252.9	2285.5	2350.9
162.5°	2185.0	2170.7	2156.4	2170.7	2185.0	2188.5	2210.0	2238.6	2252.9	2280.5	2335.6
165°	2220.5	2207.6	2194.6	2207.6	2220.5	2223.7	2233.5	2246.4	2252.9	2272.6	2312.1
167.5°	2242.2	2236.1	2229.9	2236.1	2242.2	2243.6	2251.8	2262.8	2268.2	2281.1	2306.9
170°	2265.1	2259.0	2252.9	2259.0	2265.1	2266.6	2267.1	2267.8	2268.2	2281.1	2306.9
172.5°	2267.9	2266.5	2265.1	2266.5	2267.9	2268.2	2268.2	2268.2	2268.2	2278.4	2298.9
175°	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2277.4	2271.3	2268.2	2274.7	2287.6
177.5°	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2278.4	2273.6	2271.3	2276.4	2286.5
180°	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0

TEST NUMBER: P935478

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8	2096.8
2.5°	2023.5	2017.6	2025.4	2003.7	2025.4	2017.6	2023.5	2037.4	2025.4	2033.4	2041.3
5°	1775.5	1765.5	1733.9	1708.0	1733.9	1765.5	1775.5	1817.2	1837.0	1872.7	1920.3
7.5°	1587.1	1579.1	1571.2	1555.3	1571.2	1579.1	1587.1	1598.9	1618.8	1650.5	1686.3
10°	1545.4	1547.3	1559.3	1557.3	1559.3	1547.3	1545.4	1541.4	1535.5	1541.4	1563.2
12.5°	1652.5	1670.4	1735.9	1731.8	1735.9	1670.4	1652.5	1573.2	1519.6	1509.7	1513.6
15°	1775.5	1781.4	1795.3	1797.3	1795.3	1781.4	1775.5	1743.7	1583.0	1513.6	1491.8
17.5°	1787.4	1789.4	1799.3	1799.3	1799.3	1789.4	1787.4	1773.5	1720.0	1626.7	1503.7
20°	1777.5	1781.4	1801.3	1805.3	1801.3	1781.4	1777.5	1759.6	1729.8	1696.1	1602.9
22.5°	1773.5	1781.4	1797.3	1795.3	1797.3	1781.4	1773.5	1745.7	1720.0	1696.1	1658.5
25°	1753.7	1753.7	1755.7	1757.6	1755.7	1753.7	1753.7	1731.8	1680.2	1674.3	1652.5
27.5°	1712.0	1715.9	1727.9	1725.9	1727.9	1715.9	1712.0	1704.1	1648.5	1642.6	1626.7
30°	1674.3	1670.4	1660.4	1652.5	1660.4	1670.4	1674.3	1662.4	1606.9	1591.0	1595.0
32.5°	1610.8	1600.9	1591.0	1585.1	1591.0	1600.9	1610.8	1606.9	1565.2	1543.4	1547.3
35°	1535.5	1537.5	1535.5	1529.5	1535.5	1537.5	1535.5	1539.4	1513.6	1493.8	1491.8
37.5°	1481.9	1485.9	1483.8	1475.9	1483.8	1485.9	1481.9	1477.9	1442.2	1436.3	1440.3
40°	1426.3	1428.3	1426.3	1420.4	1426.3	1428.3	1426.3	1418.4	1368.9	1370.8	1384.6
42.5°	1372.8	1370.8	1364.8	1360.9	1364.8	1370.8	1372.8	1360.9	1297.4	1291.5	1317.2
45°	1311.3	1313.3	1301.3	1295.4	1301.3	1313.3	1311.3	1303.4	1237.9	1222.0	1239.9
47.5°	1249.8	1249.8	1239.9	1233.9	1239.9	1249.8	1249.8	1239.9	1170.5	1154.6	1164.5
50°	1184.3	1182.3	1168.4	1166.4	1168.4	1182.3	1184.3	1178.4	1105.0	1091.1	1091.1
52.5°	1109.0	1109.0	1110.9	1114.9	1110.9	1109.0	1109.0	1110.9	1045.5	1031.6	1027.6
55°	1043.5	1045.5	1059.4	1063.3	1059.4	1045.5	1043.5	1043.5	983.9	970.0	962.1
57.5°	976.0	976.0	985.9	985.9	985.9	976.0	976.0	972.1	914.5	902.6	898.6
60°	898.6	902.6	910.6	908.6	910.6	902.6	898.6	894.7	845.1	837.1	823.3
62.5°	817.3	821.3	823.3	819.3	823.3	821.3	817.3	805.5	775.7	769.7	751.8
65°	732.0	736.0	737.9	734.0	737.9	736.0	732.0	726.1	704.2	694.3	678.5
67.5°	644.7	642.8	640.8	648.7	640.8	642.8	644.7	636.8	623.0	615.0	593.2
70°	555.4	555.4	553.4	557.5	553.4	555.4	555.4	549.5	541.6	535.6	515.8
72.5°	460.3	458.3	466.2	460.3	466.2	458.3	460.3	458.3	454.3	448.3	428.5
75°	367.0	370.9	367.0	372.9	367.0	370.9	367.0	369.0	367.0	363.0	349.1
77.5°	279.7	283.7	279.7	279.7	279.7	283.7	279.7	281.7	281.7	281.7	269.8
80°	198.4	196.4	196.4	194.4	196.4	196.4	198.4	198.4	200.4	196.4	192.5
82.5°	127.0	125.0	125.0	129.0	125.0	125.0	127.0	129.0	125.0	125.0	125.0
85°	69.4	71.4	67.4	67.4	67.4	71.4	69.4	65.5	69.4	69.4	67.4
87.5°	25.8	23.8	23.8	23.8	23.8	23.8	25.8	27.8	27.8	27.8	29.8
90°	58.2	58.2	58.2	58.2	58.2	58.2	58.2	77.6	103.4	116.3	100.0
92.5°	291.0	279.4	233.1	186.8	233.1	279.4	291.0	412.4	574.4	655.5	575.5
95°	987.9	952.8	812.6	672.4	812.6	952.8	987.9	1297.2	1709.6	1915.9	1618.1
97.5°	2280.4	2213.7	1946.9	1680.0	1946.9	2213.7	2280.4	2475.9	2736.6	2867.0	2370.4
100°	3202.4	3123.0	2805.1	2487.2	2805.1	3123.0	3202.4	3188.1	3169.1	3159.5	2608.6
102.5°	3989.7	3921.6	3649.3	3377.0	3649.3	3921.6	3989.7	3740.5	3408.3	3242.3	2683.4
105°	4908.5	4871.9	4725.6	4579.3	4725.6	4871.9	4908.5	4350.0	3605.3	3233.0	2691.9
107.5°	5386.3	5395.2	5430.6	5466.0	5430.6	5395.2	5386.3	4607.3	3568.6	3049.3	2572.2
110°	5508.9	5547.0	5699.5	5851.9	5699.5	5547.0	5508.9	4637.9	3476.7	2896.1	2465.9

TEST NUMBER: P935478

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	5430.8	5489.4	5723.4	5957.6	5723.4	5489.4	5430.8	4539.4	3351.0	2756.8	2373.2
115°	5165.9	5247.0	5571.7	5896.4	5571.7	5247.0	5165.9	4307.1	3162.3	2589.8	2266.8
117.5°	4799.7	4889.8	5249.9	5609.9	5249.9	4889.8	4799.7	4024.9	2991.6	2475.0	2200.3
120°	4553.2	4640.7	4990.5	5340.4	4990.5	4640.7	4553.2	3845.2	2901.1	2429.0	2177.9
122.5°	4306.7	4392.9	4738.0	5083.1	4738.0	4392.9	4306.7	3669.0	2818.9	2393.8	2166.1
125°	3980.4	4059.9	4377.7	4695.6	4377.7	4059.9	3980.4	3438.8	2716.5	2355.5	2156.4
127.5°	3718.5	3785.5	4053.7	4321.9	4053.7	3785.5	3718.5	3253.4	2633.3	2323.3	2150.8
130°	3553.1	3615.1	3862.9	4110.6	3862.9	3615.1	3553.1	3139.1	2587.1	2311.1	2154.2
132.5°	3412.3	3467.8	3689.6	3911.5	3689.6	3467.8	3412.3	3041.6	2547.4	2300.3	2156.4
135°	3213.2	3261.0	3452.2	3643.5	3452.2	3261.0	3213.2	2902.8	2489.0	2282.0	2154.4
137.5°	3066.1	3105.2	3261.8	3418.4	3261.8	3105.2	3066.1	2803.7	2453.9	2278.9	2167.6
140°	2948.1	2984.7	3131.1	3277.5	3131.1	2984.7	2948.1	2721.5	2419.2	2268.2	2169.8
142.5°	2865.5	2897.0	3022.9	3148.8	3022.9	2897.0	2865.5	2666.4	2400.9	2268.2	2177.7
145°	2741.4	2765.2	2860.5	2955.8	2860.5	2765.2	2741.4	2578.6	2361.5	2252.9	2177.7
147.5°	2637.3	2657.0	2736.0	2814.9	2736.0	2657.0	2637.3	2509.2	2338.3	2252.9	2192.7
150°	2577.5	2593.5	2657.6	2721.6	2657.6	2593.5	2577.5	2469.3	2325.1	2252.9	2200.5
152.5°	2530.1	2542.2	2590.5	2638.8	2590.5	2542.2	2530.1	2437.7	2314.5	2252.9	2205.6
155°	2473.4	2481.4	2513.4	2545.4	2513.4	2481.4	2473.4	2399.9	2301.9	2252.9	2216.8
157.5°	2424.4	2430.0	2452.5	2475.0	2452.5	2430.0	2424.4	2367.2	2291.0	2252.9	2228.1
160°	2399.9	2403.2	2416.1	2429.0	2416.1	2403.2	2399.9	2350.9	2285.5	2252.9	2233.2
162.5°	2377.0	2380.0	2392.2	2404.5	2392.2	2380.0	2377.0	2335.6	2280.5	2252.9	2238.6
165°	2341.7	2344.9	2357.8	2370.8	2357.8	2344.9	2341.7	2312.1	2272.6	2252.9	2246.4
167.5°	2326.4	2327.7	2333.2	2338.6	2333.2	2327.7	2326.4	2306.9	2281.1	2268.2	2262.8
170°	2326.4	2326.4	2326.4	2326.4	2326.4	2326.4	2326.4	2306.9	2281.1	2268.2	2267.8
172.5°	2314.1	2313.0	2308.1	2303.4	2308.1	2313.0	2314.1	2298.9	2278.4	2268.2	2268.2
175°	2297.3	2297.3	2297.3	2297.3	2297.3	2297.3	2297.3	2287.6	2274.7	2268.2	2271.3
177.5°	2294.2	2292.8	2287.4	2282.0	2287.4	2292.8	2294.2	2286.5	2276.4	2271.3	2273.6
180°	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0	2282.0

TEST NUMBER: P935478

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2096.8	2096.8	2096.8	2096.8	2096.8
2.5°	2071.1	2081.0	2087.0	2094.9	2114.7
5°	1991.7	2029.4	2041.3	2071.1	2106.8
7.5°	1817.2	1932.2	1963.9	2035.4	2090.9
10°	1648.5	1763.6	1819.2	1987.8	2071.1
12.5°	1563.2	1630.6	1668.4	1904.5	2043.3
15°	1509.7	1557.3	1585.1	1793.3	2011.5
17.5°	1468.0	1501.8	1521.6	1684.3	1968.0
20°	1442.2	1458.1	1475.9	1604.9	1918.4
22.5°	1424.4	1414.4	1428.3	1549.3	1850.9
25°	1412.4	1374.8	1390.7	1505.7	1771.5
27.5°	1422.4	1339.1	1345.0	1466.0	1688.2
30°	1424.4	1295.4	1297.4	1424.4	1595.0
32.5°	1410.5	1249.8	1251.7	1372.8	1489.8
35°	1376.8	1196.2	1194.2	1313.3	1347.0
37.5°	1331.1	1138.7	1138.7	1247.8	1190.3
40°	1275.6	1081.1	1087.2	1162.5	1051.4
42.5°	1208.1	1019.6	1027.6	1049.4	948.2
45°	1134.7	960.2	966.1	886.7	868.9
47.5°	1053.3	898.6	900.6	736.0	843.1
50°	956.2	835.1	827.3	630.8	841.2
52.5°	870.8	765.7	742.0	571.3	763.8
55°	787.5	692.4	640.8	525.7	708.2
57.5°	714.2	597.1	547.5	472.1	696.3
60°	646.7	503.8	466.2	414.6	638.8
62.5°	591.2	434.4	426.5	375.0	579.3
65°	531.7	386.8	384.8	341.3	492.0
67.5°	474.2	355.1	353.1	309.5	375.0
70°	412.6	321.3	317.4	275.8	277.8
72.5°	349.1	283.7	279.7	248.0	230.1
75°	285.6	240.0	238.0	216.2	186.5
77.5°	224.2	190.4	194.4	174.6	136.9
80°	160.7	138.8	142.9	125.0	103.1
82.5°	107.1	91.3	95.2	79.4	69.4
85°	59.6	51.6	53.5	41.7	31.7
87.5°	27.8	23.8	23.8	15.9	10.0
90°	67.3	42.9	39.8	27.5	15.3
92.5°	415.6	295.6	269.6	165.4	61.2
95°	1022.5	575.8	528.2	337.6	147.0
97.5°	1377.3	632.5	590.5	422.3	254.2
100°	1506.5	680.0	641.9	489.5	336.9
102.5°	1565.8	727.5	691.9	549.7	407.4
105°	1609.6	798.0	767.8	647.3	526.8
107.5°	1617.8	902.1	874.0	761.7	649.4
110°	1605.5	960.3	934.9	833.5	732.1

TEST NUMBER: P935478

CATALOG NUMBER: SQ4-FA-125U-050D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1606.0	1030.7	1006.5	909.9	813.3
115°	1620.9	1136.4	1114.1	1024.8	935.7
117.5°	1651.0	1239.0	1218.8	1137.7	1056.8
120°	1675.5	1298.8	1279.7	1203.4	1127.2
122.5°	1710.7	1369.2	1349.9	1273.0	1196.1
125°	1758.2	1459.6	1442.0	1371.9	1301.8
127.5°	1805.7	1546.8	1529.2	1458.4	1387.6
130°	1840.4	1605.0	1586.0	1509.8	1433.5
132.5°	1868.5	1652.5	1633.5	1557.2	1481.0
135°	1899.1	1707.7	1690.3	1620.9	1551.5
137.5°	1945.0	1778.1	1760.9	1692.2	1623.4
140°	1973.1	1825.6	1809.7	1746.4	1683.1
142.5°	1996.6	1860.8	1846.2	1787.6	1729.0
145°	2027.2	1914.4	1901.7	1850.6	1799.5
147.5°	2072.2	1981.8	1969.3	1919.6	1869.9
150°	2095.6	2017.1	2005.8	1960.9	1915.9
152.5°	2111.0	2040.0	2031.6	1997.4	1963.4
155°	2144.6	2090.5	2084.2	2059.1	2033.8
157.5°	2178.4	2141.1	2135.0	2110.4	2086.0
160°	2193.7	2164.1	2159.3	2140.2	2121.2
162.5°	2210.0	2188.5	2185.0	2170.7	2156.4
165°	2233.5	2223.7	2220.5	2207.6	2194.6
167.5°	2251.8	2243.6	2242.2	2236.1	2229.9
170°	2267.1	2266.6	2265.1	2259.0	2252.9
172.5°	2268.2	2268.2	2267.9	2266.5	2265.1
175°	2277.4	2282.0	2282.0	2282.0	2282.0
177.5°	2278.4	2282.0	2282.0	2282.0	2282.0
180°	2282.0	2282.0	2282.0	2282.0	2282.0

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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	8.65	9.34	9.79	10.46	12.03	11.50	12.19	12.64	13.31	14.88
	3H	9.12	9.73	10.26	10.86	12.44	12.84	13.46	13.98	14.59	16.17
	4H	9.30	9.88	10.45	11.01	12.60	13.28	13.87	14.43	15.00	16.59
	6H	9.41	9.94	10.57	11.08	12.68	13.56	14.10	14.72	15.24	16.83
	8H	9.40	9.91	10.56	11.06	12.66	13.64	14.15	14.80	15.30	16.89
	12H	9.37	9.85	10.53	11.00	12.61	13.67	14.16	14.84	15.30	16.91
4H	2H	9.67	10.25	10.83	11.38	12.97	11.89	12.47	13.05	13.61	15.19
	3H	10.68	11.16	11.84	12.32	13.92	13.39	13.87	14.55	15.03	16.63
	4H	10.95	11.39	12.11	12.54	14.16	13.91	14.36	15.08	15.50	17.12
	6H	11.06	11.44	12.23	12.61	14.22	14.27	14.65	15.44	15.82	17.43
	8H	11.06	11.42	12.23	12.58	14.21	14.38	14.73	15.55	15.90	17.52
	12H	11.02	11.35	12.21	12.52	14.15	14.43	14.75	15.61	15.93	17.56
8H	4H	11.39	11.75	12.56	12.91	14.53	14.02	14.38	15.19	15.54	17.16
	6H	11.64	11.94	12.83	13.14	14.76	14.45	14.75	15.64	15.95	17.58
	8H	11.68	11.94	12.88	13.12	14.77	14.61	14.87	15.80	16.05	17.69
	12H	11.66	11.89	12.86	13.07	14.74	14.70	14.93	15.90	16.11	17.78
12H	4H	11.39	11.71	12.57	12.88	14.52	13.98	14.30	15.16	15.47	17.10
	6H	11.70	11.96	12.90	13.14	14.79	14.45	14.71	15.65	15.89	17.53
	8H	11.76	11.99	12.96	13.17	14.84	14.61	14.83	15.81	16.01	17.69