

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: P935455

Luminaire Tested: SQ4-FA-125U-050D-93050-1D-UNV-STD-W-12-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935455
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-93050-1D-UNV-STD-W-12-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

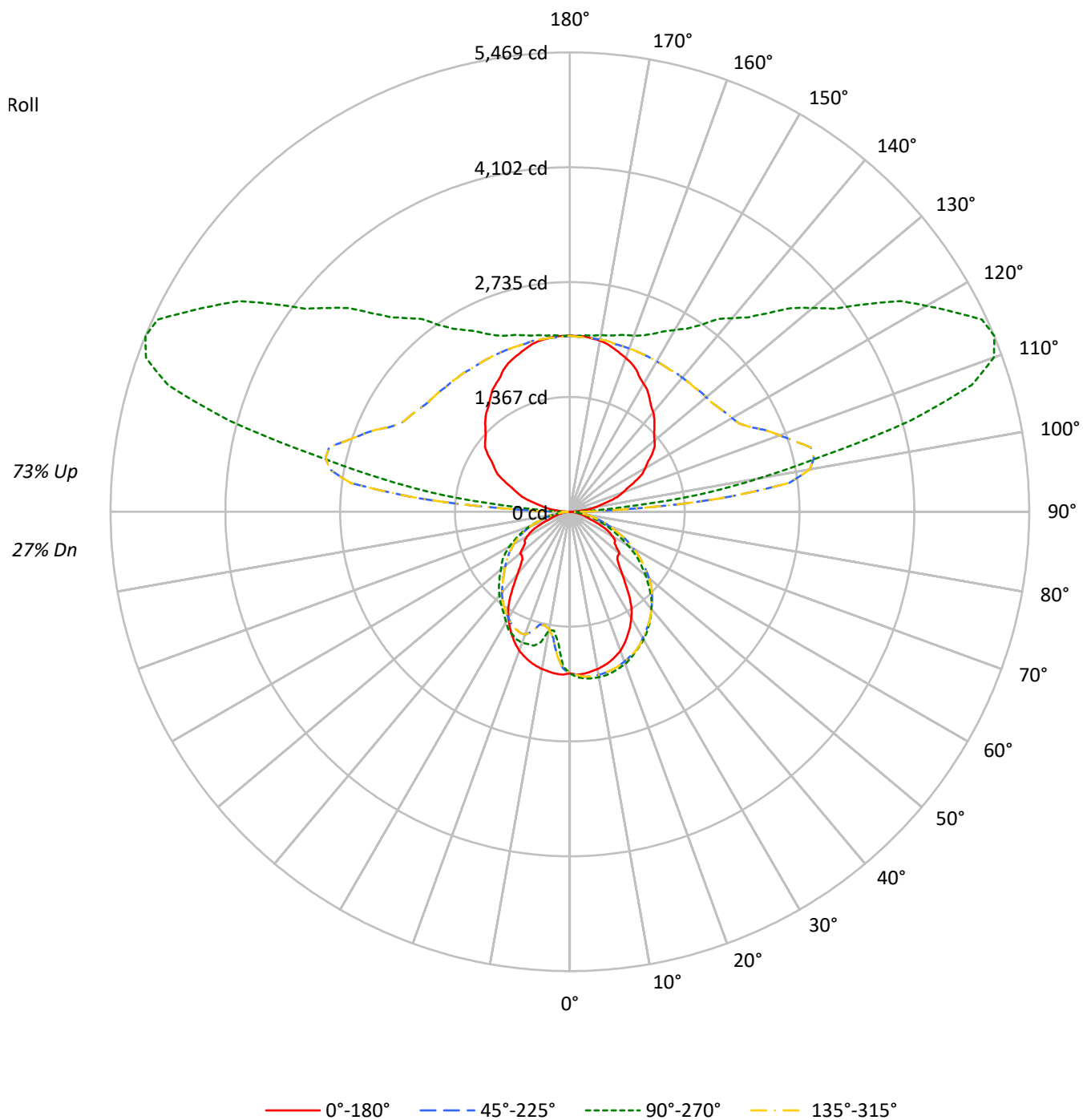
Lumens per Lamp: N/A
Luminaire Lumens: 18579.3 lumens
Efficiency: N/A
Efficacy: 130.1 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Indirect

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°	5954	5954	5954	5954
5°	6001	6010	6001	4726
10°	5963	5920	5963	4233
15°	5900	5792	5900	4836
20°	5779	5640	5779	4847
25°	5529	5419	5529	4744
30°	5204	5235	5204	4519
35°	4642	5002	4642	4271
40°	3870	4728	3870	4084
45°	3460	4407	3460	3868
50°	3679	4025	3679	3652
55°	3465	3613	3465	3527
60°	3577	3068	3577	3230
65°	3248	2536	3248	2835
70°	2254	2021	2254	2377
75°	1984	1494	1984	1789
80°	1611	988	1611	1076
85°	943	524	943	445

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 5300 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.8	0.9
10°-20°	493.4	2.7
20°-30°	762.6	4.1
30°-40°	910.4	4.9
40°-50°	915.8	4.9
50°-60°	796.8	4.3
60°-70°	565.0	3.0
70°-80°	298.9	1.6
80°-90°	82.4	0.4
90°-100°	1021.1	5.5
100°-110°	2684.7	14.4
110°-120°	2783.7	15.0
120°-130°	2232.9	12.0
130°-140°	1752.0	9.4
140°-150°	1344.7	7.2
150°-160°	968.4	5.2
160°-170°	592.5	3.2
170°-180°	200.2	1.1
0°-30°	1429.7	7.7
0°-40°	2340.2	12.6
0°-60°	4052.8	21.8
0°-90°	4999.1	26.9
90°-120°	6489.5	34.9
90°-150°	11819.1	63.6
90°-180°	13580.0	73.1
0°-180°	18579.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1925	1925	1925	1925	1925	
5°	1934	1994	1934	1568	1934	183
15°	1847	1976	1847	1650	1847	520
25°	1626	1843	1626	1614	1626	747
35°	1236	1644	1236	1404	1236	765
45°	798	1355	798	1189	798	639
55°	650	1000	650	976	650	597
65°	452	603	452	674	452	432
75°	171	286	171	342	171	180
85°	29	73	29	62	29	39
90°	14	53	14	53	14	13
95°	135	617	135	617	135	150
105°	484	4204	484	4204	484	513
115°	859	5413	859	5413	859	848
125°	1195	4311	1195	4311	1195	1061
135°	1424	3345	1424	3345	1424	1102
145°	1652	2714	1652	2714	1652	1035
155°	1867	2337	1867	2337	1867	858
165°	2015	2176	2015	2176	2015	569
175°	2095	2109	2095	2109	2095	199
180°	2095	2095	2095	2095	2095	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9
2.5°	1941.3	1941.3	1952.3	1955.9	1955.9	1950.4	1945.0	1950.4	1966.8	1972.3	1970.4
5°	1934.1	1948.6	1968.6	1972.3	1976.0	1974.2	1970.4	1974.2	1992.3	1996.0	1997.8
7.5°	1919.5	1946.8	1972.3	1977.8	1983.2	1977.8	1976.0	1979.6	1997.8	2001.4	2001.4
10°	1901.3	1939.5	1968.6	1972.3	1977.8	1972.3	1972.3	1979.6	1997.8	2001.4	2003.3
12.5°	1875.8	1928.6	1955.9	1959.6	1966.8	1965.0	1963.2	1970.4	1988.7	1992.3	1992.3
15°	1846.6	1908.5	1934.1	1937.7	1950.4	1946.8	1946.8	1954.1	1974.2	1979.6	1977.8
17.5°	1806.6	1883.1	1912.2	1917.7	1926.8	1924.9	1926.8	1934.1	1952.3	1955.9	1957.8
20°	1761.1	1848.4	1883.1	1888.5	1897.7	1897.7	1897.7	1906.7	1924.9	1932.2	1932.2
22.5°	1699.2	1812.0	1848.4	1852.1	1863.0	1863.0	1866.7	1879.4	1895.8	1897.7	1897.7
25°	1626.3	1771.9	1802.9	1813.9	1824.8	1830.2	1835.8	1843.0	1848.4	1846.6	1848.4
27.5°	1549.8	1721.0	1761.1	1768.3	1782.9	1788.3	1795.7	1797.5	1799.3	1804.7	1801.1
30°	1464.2	1649.9	1710.0	1717.4	1741.0	1744.7	1737.4	1741.0	1750.1	1753.7	1757.4
32.5°	1367.7	1544.3	1657.3	1673.6	1695.5	1684.6	1682.7	1688.2	1702.8	1702.8	1706.4
35°	1236.5	1462.4	1608.1	1622.7	1639.1	1626.3	1633.5	1635.4	1644.5	1649.9	1648.1
37.5°	1092.7	1391.3	1557.1	1568.0	1580.8	1564.4	1575.3	1580.8	1588.0	1584.4	1584.4
40°	965.2	1280.3	1497.0	1504.3	1515.1	1502.5	1513.3	1517.0	1520.7	1517.0	1515.1
42.5°	870.5	1158.2	1433.2	1442.4	1435.0	1444.2	1447.8	1455.1	1449.6	1442.4	1442.4
45°	797.6	1125.5	1364.1	1374.9	1364.1	1378.7	1384.1	1384.1	1367.7	1364.1	1362.2
47.5°	774.0	1059.9	1294.8	1294.8	1289.4	1307.6	1316.6	1304.0	1287.6	1282.1	1282.1
50°	772.2	987.1	1200.2	1192.8	1218.3	1240.2	1231.1	1218.3	1205.6	1185.6	1185.6
52.5°	701.1	897.8	1078.1	1105.5	1145.5	1158.2	1143.7	1130.9	1109.1	1100.0	1092.7
55°	650.2	805.0	967.0	1021.7	1063.6	1079.9	1052.6	1039.8	1007.1	1001.7	998.0
57.5°	639.2	670.2	865.1	934.2	985.3	983.5	967.0	943.4	916.0	910.6	908.8
60°	586.5	484.4	755.8	837.7	890.5	885.1	870.5	848.7	823.2	819.5	815.9
62.5°	531.8	351.5	631.9	724.9	799.4	797.6	785.0	752.1	733.9	724.9	717.5
65°	451.7	295.0	449.9	602.8	710.3	713.9	686.6	662.9	642.8	631.9	630.1
67.5°	344.2	240.4	304.1	502.6	624.7	621.0	586.5	575.5	550.0	544.5	533.6
70°	255.0	160.3	211.3	408.0	540.9	531.8	504.4	491.7	468.1	455.3	448.0
72.5°	211.3	129.3	154.8	316.9	455.3	444.3	420.7	406.1	386.1	375.2	367.9
75°	171.2	136.6	118.4	234.9	369.7	362.4	340.5	325.9	309.6	295.0	296.8
77.5°	125.6	127.4	94.7	173.0	293.2	282.3	269.6	251.4	244.0	229.5	229.5
80°	94.7	100.2	71.1	118.4	211.3	211.3	200.3	187.5	174.8	167.5	167.5
82.5°	63.7	63.7	52.8	74.7	143.8	138.4	131.2	127.4	120.2	116.6	116.6
85°	29.1	36.4	32.8	45.5	78.3	81.9	81.9	78.3	76.5	72.9	74.7
87.5°	9.1	16.4	20.0	25.5	40.1	41.9	43.7	43.7	43.7	45.5	45.5
90°	14.0	25.3	36.6	39.4	61.8	91.8	106.8	95.0	71.2	53.4	53.4
92.5°	56.2	151.8	247.5	271.4	381.5	528.3	601.8	527.3	378.6	267.1	256.5
95°	135.0	309.9	484.9	528.6	938.7	1485.5	1758.8	1569.5	1190.8	906.9	874.7
97.5°	233.4	387.7	542.1	580.7	1264.4	2176.1	2631.9	2512.3	2272.9	2093.5	2032.2
100°	309.3	449.3	589.3	624.3	1383.0	2394.7	2900.5	2909.3	2926.7	2939.9	2866.9
102.5°	374.0	504.6	635.2	667.8	1437.4	2463.4	2976.4	3128.9	3433.8	3662.6	3600.1
105°	483.6	594.2	704.8	732.5	1477.7	2471.2	2967.9	3309.7	3993.4	4506.1	4472.5
107.5°	596.1	699.2	802.3	828.1	1485.2	2361.3	2799.3	3276.0	4229.5	4944.7	4952.9
110°	672.1	765.1	858.3	881.5	1473.9	2263.7	2658.6	3191.7	4257.7	5057.2	5092.3

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	746.6	835.3	924.0	946.2	1474.3	2178.6	2530.7	3076.3	4167.3	4985.5	5039.3
115°	859.0	940.8	1022.7	1043.2	1488.0	2081.0	2377.5	2903.0	3954.0	4742.3	4816.8
117.5°	970.2	1044.5	1118.9	1137.4	1515.6	2019.9	2272.0	2746.3	3694.9	4406.2	4488.9
120°	1034.8	1104.7	1174.8	1192.3	1538.1	1999.3	2229.9	2663.3	3529.9	4179.9	4260.2
122.5°	1098.1	1168.7	1239.3	1256.9	1570.5	1988.5	2197.5	2587.8	3368.2	3953.6	4032.8
125°	1195.1	1259.4	1323.8	1339.9	1614.1	1979.6	2162.3	2493.8	3156.8	3654.0	3727.0
127.5°	1273.8	1338.8	1403.8	1420.0	1657.6	1974.4	2132.8	2417.4	2986.7	3413.6	3475.2
130°	1316.0	1386.0	1456.0	1473.4	1689.5	1977.6	2121.6	2375.0	2881.8	3261.8	3318.7
132.5°	1359.6	1429.5	1499.6	1517.0	1715.3	1979.6	2111.7	2338.6	2792.2	3132.5	3183.5
135°	1424.3	1488.0	1551.7	1567.6	1743.4	1977.8	2094.9	2284.9	2664.8	2949.7	2993.6
137.5°	1490.3	1553.4	1616.5	1632.3	1785.5	1989.9	2092.1	2252.7	2573.8	2814.7	2850.6
140°	1545.1	1603.2	1661.3	1675.9	1811.3	1991.9	2082.2	2220.9	2498.3	2706.4	2740.0
142.5°	1587.3	1641.1	1694.8	1708.2	1832.9	1999.1	2082.2	2204.1	2447.8	2630.6	2659.5
145°	1652.0	1698.9	1745.8	1757.5	1861.0	1999.1	2068.2	2167.9	2367.2	2516.6	2538.5
147.5°	1716.6	1762.3	1807.9	1819.3	1902.3	2012.9	2068.2	2146.6	2303.5	2421.0	2439.1
150°	1758.8	1800.1	1841.4	1851.7	1923.8	2020.0	2068.2	2134.5	2266.9	2366.2	2380.8
152.5°	1802.4	1833.7	1865.0	1872.8	1937.9	2024.8	2068.2	2124.8	2237.8	2322.6	2333.8
155°	1867.1	1890.2	1913.3	1919.1	1968.8	2035.1	2068.2	2113.2	2203.2	2270.6	2277.9
157.5°	1915.0	1937.4	1959.9	1965.6	1999.8	2045.4	2068.2	2103.1	2173.1	2225.6	2230.8
160°	1947.3	1964.7	1982.3	1986.6	2013.8	2050.1	2068.2	2098.2	2158.2	2203.2	2206.1
162.5°	1979.6	1992.7	2005.8	2009.1	2028.8	2055.1	2068.2	2093.5	2144.1	2182.1	2184.9
165°	2014.7	2026.6	2038.4	2041.4	2050.4	2062.2	2068.2	2086.3	2122.5	2149.7	2152.7
167.5°	2047.1	2052.7	2058.3	2059.7	2067.2	2077.3	2082.2	2094.1	2117.8	2135.6	2136.9
170°	2068.2	2073.8	2079.4	2080.8	2081.2	2081.9	2082.2	2094.1	2117.8	2135.6	2135.6
172.5°	2079.4	2080.7	2082.0	2082.2	2082.2	2082.2	2082.2	2091.6	2110.4	2124.4	2123.3
175°	2094.9	2094.9	2094.9	2094.9	2090.7	2085.0	2082.2	2088.2	2100.1	2108.9	2108.9
177.5°	2094.9	2094.9	2094.9	2094.9	2091.6	2087.2	2085.0	2089.7	2099.1	2106.1	2104.9
180°	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9
2.5°	1974.2	1968.6	1974.2	1970.4	1972.3	1966.8	1950.4	1945.0	1950.4	1955.9	1955.9
5°	1997.8	1994.2	1997.8	1997.8	1996.0	1992.3	1974.2	1970.4	1974.2	1976.0	1972.3
7.5°	2005.1	1999.6	2005.1	2001.4	2001.4	1997.8	1979.6	1976.0	1977.8	1983.2	1977.8
10°	2005.1	1999.6	2005.1	2003.3	2001.4	1997.8	1979.6	1972.3	1972.3	1977.8	1972.3
12.5°	1996.0	1992.3	1996.0	1992.3	1992.3	1988.7	1970.4	1963.2	1965.0	1966.8	1959.6
15°	1981.4	1976.0	1981.4	1977.8	1979.6	1974.2	1954.1	1946.8	1946.8	1950.4	1937.7
17.5°	1959.6	1952.3	1959.6	1957.8	1955.9	1952.3	1934.1	1926.8	1924.9	1926.8	1917.7
20°	1934.1	1928.6	1934.1	1932.2	1932.2	1924.9	1906.7	1897.7	1897.7	1897.7	1888.5
22.5°	1894.0	1888.5	1894.0	1897.7	1897.7	1895.8	1879.4	1866.7	1863.0	1863.0	1852.1
25°	1848.4	1843.0	1848.4	1848.4	1846.6	1848.4	1843.0	1835.8	1830.2	1824.8	1813.9
27.5°	1804.7	1801.1	1804.7	1801.1	1804.7	1799.3	1797.5	1795.7	1788.3	1782.9	1768.3
30°	1761.1	1757.4	1761.1	1757.4	1753.7	1750.1	1741.0	1737.4	1744.7	1741.0	1717.4
32.5°	1706.4	1702.8	1706.4	1706.4	1702.8	1702.8	1688.2	1682.7	1684.6	1695.5	1673.6
35°	1649.9	1644.5	1649.9	1648.1	1649.9	1644.5	1635.4	1633.5	1626.3	1639.1	1622.7
37.5°	1584.4	1579.0	1584.4	1584.4	1584.4	1588.0	1580.8	1575.3	1564.4	1580.8	1568.0
40°	1517.0	1509.7	1517.0	1515.1	1517.0	1520.7	1517.0	1513.3	1502.5	1515.1	1504.3
42.5°	1440.6	1438.7	1440.6	1442.4	1442.4	1449.6	1455.1	1447.8	1444.2	1435.0	1442.4
45°	1358.6	1354.9	1358.6	1362.2	1364.1	1367.7	1384.1	1384.1	1378.7	1364.1	1374.9
47.5°	1271.1	1262.1	1271.1	1282.1	1282.1	1287.6	1304.0	1316.6	1307.6	1289.4	1294.8
50°	1178.2	1180.1	1178.2	1185.6	1185.6	1205.6	1218.3	1231.1	1240.2	1218.3	1192.8
52.5°	1087.2	1085.4	1087.2	1092.7	1100.0	1109.1	1130.9	1143.7	1158.2	1145.5	1105.5
55°	996.1	999.8	996.1	998.0	1001.7	1007.1	1039.8	1052.6	1079.9	1063.6	1021.7
57.5°	905.1	899.6	905.1	908.8	910.6	916.0	943.4	967.0	983.5	985.3	934.2
60°	799.4	792.2	799.4	815.9	819.5	823.2	848.7	870.5	885.1	890.5	837.7
62.5°	706.6	693.9	706.6	717.5	724.9	733.9	752.1	785.0	797.6	799.4	724.9
65°	608.3	602.8	608.3	630.1	631.9	642.8	662.9	686.6	713.9	710.3	602.8
67.5°	519.0	519.0	519.0	533.6	544.5	550.0	575.5	586.5	621.0	624.7	502.6
70°	437.1	435.3	437.1	448.0	455.3	468.1	491.7	504.4	531.8	540.9	408.0
72.5°	358.8	356.9	358.8	367.9	375.2	386.1	406.1	420.7	444.3	455.3	316.9
75°	289.6	285.9	289.6	296.8	295.0	309.6	325.9	340.5	362.4	369.7	234.9
77.5°	222.2	222.2	222.2	229.5	229.5	244.0	251.4	269.6	282.3	293.2	173.0
80°	165.7	163.9	165.7	167.5	167.5	174.8	187.5	200.3	211.3	211.3	118.4
82.5°	116.6	112.9	116.6	116.6	116.6	120.2	127.4	131.2	138.4	143.8	74.7
85°	72.9	72.9	72.9	74.7	72.9	76.5	78.3	81.9	81.9	78.3	45.5
87.5°	47.3	45.5	47.3	45.5	45.5	43.7	43.7	43.7	41.9	40.1	25.5
90°	53.4	53.4	53.4	53.4	53.4	71.2	95.0	106.8	91.8	61.8	39.4
92.5°	214.0	171.5	214.0	256.5	267.1	378.6	527.3	601.8	528.3	381.5	271.4
95°	745.9	617.2	745.9	874.7	906.9	1190.8	1569.5	1758.8	1485.5	938.7	528.6
97.5°	1787.2	1542.3	1787.2	2032.2	2093.5	2272.9	2512.3	2631.9	2176.1	1264.4	580.7
100°	2575.1	2283.3	2575.1	2866.9	2939.9	2926.7	2909.3	2900.5	2394.7	1383.0	624.3
102.5°	3350.1	3100.2	3350.1	3600.1	3662.6	3433.8	3128.9	2976.4	2463.4	1437.4	667.8
105°	4338.2	4203.8	4338.2	4472.5	4506.1	3993.4	3309.7	2967.9	2471.2	1477.7	732.5
107.5°	4985.4	5017.9	4985.4	4952.9	4944.7	4229.5	3276.0	2799.3	2361.3	1485.2	828.1
110°	5232.2	5372.1	5232.2	5092.3	5057.2	4257.7	3191.7	2658.6	2263.7	1473.9	881.5

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CATALOG NUMBER: SQ4-FA-125U-050D-93050-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5254.2	5469.2	5254.2	5039.3	4985.5	4167.3	3076.3	2530.7	2178.6	1474.3	946.2
115°	5114.9	5413.0	5114.9	4816.8	4742.3	3954.0	2903.0	2377.5	2081.0	1488.0	1043.2
117.5°	4819.4	5150.0	4819.4	4488.9	4406.2	3694.9	2746.3	2272.0	2019.9	1515.6	1137.4
120°	4581.4	4902.5	4581.4	4260.2	4179.9	3529.9	2663.3	2229.9	1999.3	1538.1	1192.3
122.5°	4349.6	4666.4	4349.6	4032.8	3953.6	3368.2	2587.8	2197.5	1988.5	1570.5	1256.9
125°	4018.8	4310.6	4018.8	3727.0	3654.0	3156.8	2493.8	2162.3	1979.6	1614.1	1339.9
127.5°	3721.4	3967.6	3721.4	3475.2	3413.6	2986.7	2417.4	2132.8	1974.4	1657.6	1420.0
130°	3546.1	3773.6	3546.1	3318.7	3261.8	2881.8	2375.0	2121.6	1977.6	1689.5	1473.4
132.5°	3387.1	3590.8	3387.1	3183.5	3132.5	2792.2	2338.6	2111.7	1979.6	1715.3	1517.0
135°	3169.1	3344.8	3169.1	2993.6	2949.7	2664.8	2284.9	2094.9	1977.8	1743.4	1567.6
137.5°	2994.4	3138.1	2994.4	2850.6	2814.7	2573.8	2252.7	2092.1	1989.9	1785.5	1632.3
140°	2874.4	3008.8	2874.4	2740.0	2706.4	2498.3	2220.9	2082.2	1991.9	1811.3	1675.9
142.5°	2775.0	2890.6	2775.0	2659.5	2630.6	2447.8	2204.1	2082.2	1999.1	1832.9	1708.2
145°	2626.0	2713.5	2626.0	2538.5	2516.6	2367.2	2167.9	2068.2	1999.1	1861.0	1757.5
147.5°	2511.6	2584.1	2511.6	2439.1	2421.0	2303.5	2146.6	2068.2	2012.9	1902.3	1819.3
150°	2439.7	2498.4	2439.7	2380.8	2366.2	2266.9	2134.5	2068.2	2020.0	1923.8	1851.7
152.5°	2378.1	2422.5	2378.1	2333.8	2322.6	2237.8	2124.8	2068.2	2024.8	1937.9	1872.8
155°	2307.3	2336.7	2307.3	2277.9	2270.6	2203.2	2113.2	2068.2	2035.1	1968.8	1919.1
157.5°	2251.4	2272.0	2251.4	2230.8	2225.6	2173.1	2103.1	2068.2	2045.4	1999.8	1965.6
160°	2218.0	2229.9	2218.0	2206.1	2203.2	2158.2	2098.2	2068.2	2050.1	2013.8	1986.6
162.5°	2196.1	2207.3	2196.1	2184.9	2182.1	2144.1	2093.5	2068.2	2055.1	2028.8	2009.1
165°	2164.5	2176.5	2164.5	2152.7	2149.7	2122.5	2086.3	2068.2	2062.2	2050.4	2041.4
167.5°	2141.9	2146.9	2141.9	2136.9	2135.6	2117.8	2094.1	2082.2	2077.3	2067.2	2059.7
170°	2135.6	2135.6	2135.6	2135.6	2135.6	2117.8	2094.1	2082.2	2081.9	2081.2	2080.8
172.5°	2118.9	2114.5	2118.9	2123.3	2124.4	2110.4	2091.6	2082.2	2082.2	2082.2	2082.2
175°	2108.9	2108.9	2108.9	2108.9	2108.9	2100.1	2088.2	2082.2	2085.0	2090.7	2094.9
177.5°	2099.9	2094.9	2099.9	2104.9	2106.1	2099.1	2089.7	2085.0	2087.2	2091.6	2094.9
180°	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9
2.5°	1952.3	1941.3	1941.3	1923.1	1915.9	1910.3	1901.3	1874.0	1866.7	1859.4	1870.3
5°	1968.6	1948.6	1934.1	1901.3	1874.0	1863.0	1828.4	1762.9	1719.2	1686.4	1668.2
7.5°	1972.3	1946.8	1919.5	1868.5	1802.9	1773.8	1668.2	1548.0	1515.1	1486.1	1467.8
10°	1968.6	1939.5	1901.3	1824.8	1670.0	1619.0	1513.3	1435.0	1415.0	1409.6	1415.0
12.5°	1955.9	1928.6	1875.8	1748.3	1531.6	1497.0	1435.0	1389.5	1385.9	1395.0	1444.2
15°	1934.1	1908.5	1846.6	1646.3	1455.1	1429.6	1385.9	1369.5	1389.5	1453.2	1600.8
17.5°	1912.2	1883.1	1806.6	1546.2	1396.8	1378.7	1347.6	1380.5	1493.3	1579.0	1628.1
20°	1883.1	1848.4	1761.1	1473.3	1354.9	1338.6	1324.0	1471.5	1557.1	1588.0	1615.4
22.5°	1848.4	1812.0	1699.2	1422.3	1311.2	1298.5	1307.6	1522.5	1557.1	1579.0	1602.6
25°	1802.9	1771.9	1626.3	1382.3	1276.6	1262.1	1296.6	1517.0	1537.1	1542.5	1589.8
27.5°	1761.1	1721.0	1549.8	1345.8	1234.7	1229.3	1305.8	1493.3	1507.9	1513.3	1564.4
30°	1710.0	1649.9	1464.2	1307.6	1191.0	1189.2	1307.6	1464.2	1460.6	1475.1	1526.1
32.5°	1657.3	1544.3	1367.7	1260.3	1149.1	1147.3	1294.8	1420.5	1416.8	1436.9	1475.1
35°	1608.1	1462.4	1236.5	1205.6	1096.3	1098.1	1263.9	1369.5	1371.3	1389.5	1413.2
37.5°	1557.1	1391.3	1092.7	1145.5	1045.4	1045.4	1222.0	1322.2	1318.5	1324.0	1356.7
40°	1497.0	1280.3	965.2	1067.2	998.0	992.5	1171.0	1271.1	1258.4	1256.6	1302.1
42.5°	1433.2	1158.2	870.5	963.4	943.4	936.0	1109.1	1209.2	1185.6	1191.0	1249.3
45°	1364.1	1125.5	797.6	814.0	886.9	881.4	1041.7	1138.2	1121.9	1136.4	1196.5
47.5°	1294.8	1059.9	774.0	675.6	826.8	825.0	967.0	1069.0	1059.9	1074.5	1138.2
50°	1200.2	987.1	772.2	579.1	759.4	766.7	877.8	1001.7	1001.7	1014.4	1081.8
52.5°	1078.1	897.8	701.1	524.5	681.1	702.9	799.4	943.4	947.0	959.7	1019.8
55°	967.0	805.0	650.2	482.6	588.3	635.6	723.0	883.3	890.5	903.3	957.9
57.5°	865.1	670.2	639.2	433.4	502.6	548.2	655.6	825.0	828.6	839.5	892.4
60°	755.8	484.4	586.5	380.6	428.0	462.5	593.7	755.8	768.5	775.8	821.3
62.5°	631.9	351.5	531.8	344.2	391.6	398.8	542.7	690.2	706.6	712.1	739.4
65°	449.9	295.0	451.7	313.3	353.3	355.1	488.1	622.8	637.4	646.5	666.6
67.5°	304.1	240.4	344.2	284.1	324.1	325.9	435.3	544.5	564.5	571.9	584.6
70°	211.3	160.3	255.0	253.2	291.4	295.0	378.8	473.5	491.7	497.2	504.4
72.5°	154.8	129.3	211.3	227.6	256.8	260.4	320.5	393.4	411.6	417.0	420.7
75°	118.4	136.6	171.2	198.5	218.5	220.3	262.2	320.5	333.3	336.9	338.7
77.5°	94.7	127.4	125.6	160.3	178.5	174.8	205.8	247.7	258.6	258.6	258.6
80°	71.1	100.2	94.7	114.8	131.2	127.4	147.5	176.7	180.3	183.9	182.1
82.5°	52.8	63.7	63.7	72.9	87.4	83.8	98.3	114.8	114.8	114.8	118.4
85°	32.8	36.4	29.1	38.3	49.2	47.3	54.7	61.9	63.7	63.7	60.1
87.5°	20.0	16.4	9.1	14.6	21.8	21.8	25.5	27.3	25.5	25.5	25.5
90°	36.6	25.3	14.0	25.3	36.6	39.4	61.8	91.8	106.8	95.0	71.2
92.5°	247.5	151.8	56.2	151.8	247.5	271.4	381.5	528.3	601.8	527.3	378.6
95°	484.9	309.9	135.0	309.9	484.9	528.6	938.7	1485.5	1758.8	1569.5	1190.8
97.5°	542.1	387.7	233.4	387.7	542.1	580.7	1264.4	2176.1	2631.9	2512.3	2272.9
100°	589.3	449.3	309.3	449.3	589.3	624.3	1383.0	2394.7	2900.5	2909.3	2926.7
102.5°	635.2	504.6	374.0	504.6	635.2	667.8	1437.4	2463.4	2976.4	3128.9	3433.8
105°	704.8	594.2	483.6	594.2	704.8	732.5	1477.7	2471.2	2967.9	3309.7	3993.4
107.5°	802.3	699.2	596.1	699.2	802.3	828.1	1485.2	2361.3	2799.3	3276.0	4229.5
110°	858.3	765.1	672.1	765.1	858.3	881.5	1473.9	2263.7	2658.6	3191.7	4257.7

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	924.0	835.3	746.6	835.3	924.0	946.2	1474.3	2178.6	2530.7	3076.3	4167.3
115°	1022.7	940.8	859.0	940.8	1022.7	1043.2	1488.0	2081.0	2377.5	2903.0	3954.0
117.5°	1118.9	1044.5	970.2	1044.5	1118.9	1137.4	1515.6	2019.9	2272.0	2746.3	3694.9
120°	1174.8	1104.7	1034.8	1104.7	1174.8	1192.3	1538.1	1999.3	2229.9	2663.3	3529.9
122.5°	1239.3	1168.7	1098.1	1168.7	1239.3	1256.9	1570.5	1988.5	2197.5	2587.8	3368.2
125°	1323.8	1259.4	1195.1	1259.4	1323.8	1339.9	1614.1	1979.6	2162.3	2493.8	3156.8
127.5°	1403.8	1338.8	1273.8	1338.8	1403.8	1420.0	1657.6	1974.4	2132.8	2417.4	2986.7
130°	1456.0	1386.0	1316.0	1386.0	1456.0	1473.4	1689.5	1977.6	2121.6	2375.0	2881.8
132.5°	1499.6	1429.5	1359.6	1429.5	1499.6	1517.0	1715.3	1979.6	2111.7	2338.6	2792.2
135°	1551.7	1488.0	1424.3	1488.0	1551.7	1567.6	1743.4	1977.8	2094.9	2284.9	2664.8
137.5°	1616.5	1553.4	1490.3	1553.4	1616.5	1632.3	1785.5	1989.9	2092.1	2252.7	2573.8
140°	1661.3	1603.2	1545.1	1603.2	1661.3	1675.9	1811.3	1991.9	2082.2	2220.9	2498.3
142.5°	1694.8	1641.1	1587.3	1641.1	1694.8	1708.2	1832.9	1999.1	2082.2	2204.1	2447.8
145°	1745.8	1698.9	1652.0	1698.9	1745.8	1757.5	1861.0	1999.1	2068.2	2167.9	2367.2
147.5°	1807.9	1762.3	1716.6	1762.3	1807.9	1819.3	1902.3	2012.9	2068.2	2146.6	2303.5
150°	1841.4	1800.1	1758.8	1800.1	1841.4	1851.7	1923.8	2020.0	2068.2	2134.5	2266.9
152.5°	1865.0	1833.7	1802.4	1833.7	1865.0	1872.8	1937.9	2024.8	2068.2	2124.8	2237.8
155°	1913.3	1890.2	1867.1	1890.2	1913.3	1919.1	1968.8	2035.1	2068.2	2113.2	2203.2
157.5°	1959.9	1937.4	1915.0	1937.4	1959.9	1965.6	1999.8	2045.4	2068.2	2103.1	2173.1
160°	1982.3	1964.7	1947.3	1964.7	1982.3	1986.6	2013.8	2050.1	2068.2	2098.2	2158.2
162.5°	2005.8	1992.7	1979.6	1992.7	2005.8	2009.1	2028.8	2055.1	2068.2	2093.5	2144.1
165°	2038.4	2026.6	2014.7	2026.6	2038.4	2041.4	2050.4	2062.2	2068.2	2086.3	2122.5
167.5°	2058.3	2052.7	2047.1	2052.7	2058.3	2059.7	2067.2	2077.3	2082.2	2094.1	2117.8
170°	2079.4	2073.8	2068.2	2073.8	2079.4	2080.8	2081.2	2081.9	2082.2	2094.1	2117.8
172.5°	2082.0	2080.7	2079.4	2080.7	2082.0	2082.2	2082.2	2082.2	2082.2	2091.6	2110.4
175°	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2090.7	2085.0	2082.2	2088.2	2100.1
177.5°	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2091.6	2087.2	2085.0	2089.7	2099.1
180°	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9

TEST NUMBER: P935455

CATALOG NUMBER: SQ4-FA-125U-050D-93050-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9	1924.9
2.5°	1857.6	1852.1	1859.4	1839.4	1859.4	1852.1	1857.6	1870.3	1859.4	1866.7	1874.0
5°	1629.9	1620.8	1591.7	1568.0	1591.7	1620.8	1629.9	1668.2	1686.4	1719.2	1762.9
7.5°	1456.9	1449.6	1442.4	1427.8	1442.4	1449.6	1456.9	1467.8	1486.1	1515.1	1548.0
10°	1418.7	1420.5	1431.4	1429.6	1431.4	1420.5	1418.7	1415.0	1409.6	1415.0	1435.0
12.5°	1517.0	1533.4	1593.5	1589.8	1593.5	1533.4	1517.0	1444.2	1395.0	1385.9	1389.5
15°	1629.9	1635.4	1648.1	1649.9	1648.1	1635.4	1629.9	1600.8	1453.2	1389.5	1369.5
17.5°	1640.9	1642.7	1651.7	1651.7	1651.7	1642.7	1640.9	1628.1	1579.0	1493.3	1380.5
20°	1631.7	1635.4	1653.6	1657.3	1653.6	1635.4	1631.7	1615.4	1588.0	1557.1	1471.5
22.5°	1628.1	1635.4	1649.9	1648.1	1649.9	1635.4	1628.1	1602.6	1579.0	1557.1	1522.5
25°	1609.9	1609.9	1611.7	1613.5	1611.7	1609.9	1609.9	1589.8	1542.5	1537.1	1517.0
27.5°	1571.6	1575.3	1586.2	1584.4	1586.2	1575.3	1571.6	1564.4	1513.3	1507.9	1493.3
30°	1537.1	1533.4	1524.3	1517.0	1524.3	1533.4	1537.1	1526.1	1475.1	1460.6	1464.2
32.5°	1478.8	1469.6	1460.6	1455.1	1460.6	1469.6	1478.8	1475.1	1436.9	1416.8	1420.5
35°	1409.6	1411.4	1409.6	1404.1	1409.6	1411.4	1409.6	1413.2	1389.5	1371.3	1369.5
37.5°	1360.4	1364.1	1362.2	1354.9	1362.2	1364.1	1360.4	1356.7	1324.0	1318.5	1322.2
40°	1309.4	1311.2	1309.4	1304.0	1309.4	1311.2	1309.4	1302.1	1256.6	1258.4	1271.1
42.5°	1260.3	1258.4	1252.9	1249.3	1252.9	1258.4	1260.3	1249.3	1191.0	1185.6	1209.2
45°	1203.8	1205.6	1194.6	1189.2	1194.6	1205.6	1203.8	1196.5	1136.4	1121.9	1138.2
47.5°	1147.3	1147.3	1138.2	1132.7	1138.2	1147.3	1147.3	1138.2	1074.5	1059.9	1069.0
50°	1087.2	1085.4	1072.6	1070.8	1072.6	1085.4	1087.2	1081.8	1014.4	1001.7	1001.7
52.5°	1018.0	1018.0	1019.8	1023.5	1019.8	1018.0	1018.0	1019.8	959.7	947.0	943.4
55°	957.9	959.7	972.5	976.1	972.5	959.7	957.9	957.9	903.3	890.5	883.3
57.5°	896.0	896.0	905.1	905.1	905.1	896.0	896.0	892.4	839.5	828.6	825.0
60°	825.0	828.6	835.9	834.1	835.9	828.6	825.0	821.3	775.8	768.5	755.8
62.5°	750.3	754.0	755.8	752.1	755.8	754.0	750.3	739.4	712.1	706.6	690.2
65°	672.0	675.6	677.4	673.8	677.4	675.6	672.0	666.6	646.5	637.4	622.8
67.5°	591.9	590.1	588.3	595.5	588.3	590.1	591.9	584.6	571.9	564.5	544.5
70°	509.9	509.9	508.1	511.8	508.1	509.9	509.9	504.4	497.2	491.7	473.5
72.5°	422.5	420.7	428.0	422.5	428.0	420.7	422.5	420.7	417.0	411.6	393.4
75°	336.9	340.5	336.9	342.3	336.9	340.5	336.9	338.7	336.9	333.3	320.5
77.5°	256.8	260.4	256.8	256.8	256.8	260.4	256.8	258.6	258.6	258.6	247.7
80°	182.1	180.3	180.3	178.5	180.3	180.3	182.1	182.1	183.9	180.3	176.7
82.5°	116.6	114.8	114.8	118.4	114.8	114.8	116.6	118.4	114.8	114.8	114.8
85°	63.7	65.5	61.9	61.9	61.9	65.5	63.7	60.1	63.7	63.7	61.9
87.5°	23.7	21.8	21.8	21.8	21.8	21.8	23.7	25.5	25.5	25.5	27.3
90°	53.4	53.4	53.4	53.4	53.4	53.4	53.4	71.2	95.0	106.8	91.8
92.5°	267.1	256.5	214.0	171.5	214.0	256.5	267.1	378.6	527.3	601.8	528.3
95°	906.9	874.7	745.9	617.2	745.9	874.7	906.9	1190.8	1569.5	1758.8	1485.5
97.5°	2093.5	2032.2	1787.2	1542.3	1787.2	2032.2	2093.5	2272.9	2512.3	2631.9	2176.1
100°	2939.9	2866.9	2575.1	2283.3	2575.1	2866.9	2939.9	2926.7	2909.3	2900.5	2394.7
102.5°	3662.6	3600.1	3350.1	3100.2	3350.1	3600.1	3662.6	3433.8	3128.9	2976.4	2463.4
105°	4506.1	4472.5	4338.2	4203.8	4338.2	4472.5	4506.1	3993.4	3309.7	2967.9	2471.2
107.5°	4944.7	4952.9	4985.4	5017.9	4985.4	4952.9	4944.7	4229.5	3276.0	2799.3	2361.3
110°	5057.2	5092.3	5232.2	5372.1	5232.2	5092.3	5057.2	4257.7	3191.7	2658.6	2263.7

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4985.5	5039.3	5254.2	5469.2	5254.2	5039.3	4985.5	4167.3	3076.3	2530.7	2178.6
115°	4742.3	4816.8	5114.9	5413.0	5114.9	4816.8	4742.3	3954.0	2903.0	2377.5	2081.0
117.5°	4406.2	4488.9	4819.4	5150.0	4819.4	4488.9	4406.2	3694.9	2746.3	2272.0	2019.9
120°	4179.9	4260.2	4581.4	4902.5	4581.4	4260.2	4179.9	3529.9	2663.3	2229.9	1999.3
122.5°	3953.6	4032.8	4349.6	4666.4	4349.6	4032.8	3953.6	3368.2	2587.8	2197.5	1988.5
125°	3654.0	3727.0	4018.8	4310.6	4018.8	3727.0	3654.0	3156.8	2493.8	2162.3	1979.6
127.5°	3413.6	3475.2	3721.4	3967.6	3721.4	3475.2	3413.6	2986.7	2417.4	2132.8	1974.4
130°	3261.8	3318.7	3546.1	3773.6	3546.1	3318.7	3261.8	2881.8	2375.0	2121.6	1977.6
132.5°	3132.5	3183.5	3387.1	3590.8	3387.1	3183.5	3132.5	2792.2	2338.6	2111.7	1979.6
135°	2949.7	2993.6	3169.1	3344.8	3169.1	2993.6	2949.7	2664.8	2284.9	2094.9	1977.8
137.5°	2814.7	2850.6	2994.4	3138.1	2994.4	2850.6	2814.7	2573.8	2252.7	2092.1	1989.9
140°	2706.4	2740.0	2874.4	3008.8	2874.4	2740.0	2706.4	2498.3	2220.9	2082.2	1991.9
142.5°	2630.6	2659.5	2775.0	2890.6	2775.0	2659.5	2630.6	2447.8	2204.1	2082.2	1999.1
145°	2516.6	2538.5	2626.0	2713.5	2626.0	2538.5	2516.6	2367.2	2167.9	2068.2	1999.1
147.5°	2421.0	2439.1	2511.6	2584.1	2511.6	2439.1	2421.0	2303.5	2146.6	2068.2	2012.9
150°	2366.2	2380.8	2439.7	2498.4	2439.7	2380.8	2366.2	2266.9	2134.5	2068.2	2020.0
152.5°	2322.6	2333.8	2378.1	2422.5	2378.1	2333.8	2322.6	2237.8	2124.8	2068.2	2024.8
155°	2270.6	2277.9	2307.3	2336.7	2307.3	2277.9	2270.6	2203.2	2113.2	2068.2	2035.1
157.5°	2225.6	2230.8	2251.4	2272.0	2251.4	2230.8	2225.6	2173.1	2103.1	2068.2	2045.4
160°	2203.2	2206.1	2218.0	2229.9	2218.0	2206.1	2203.2	2158.2	2098.2	2068.2	2050.1
162.5°	2182.1	2184.9	2196.1	2207.3	2196.1	2184.9	2182.1	2144.1	2093.5	2068.2	2055.1
165°	2149.7	2152.7	2164.5	2176.5	2164.5	2152.7	2149.7	2122.5	2086.3	2068.2	2062.2
167.5°	2135.6	2136.9	2141.9	2146.9	2141.9	2136.9	2135.6	2117.8	2094.1	2082.2	2077.3
170°	2135.6	2135.6	2135.6	2135.6	2135.6	2135.6	2135.6	2117.8	2094.1	2082.2	2081.9
172.5°	2124.4	2123.3	2118.9	2114.5	2118.9	2123.3	2124.4	2110.4	2091.6	2082.2	2082.2
175°	2108.9	2108.9	2108.9	2108.9	2108.9	2108.9	2108.9	2100.1	2088.2	2082.2	2085.0
177.5°	2106.1	2104.9	2099.9	2094.9	2099.9	2104.9	2106.1	2099.1	2089.7	2085.0	2087.2
180°	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9	2094.9

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1924.9	1924.9	1924.9	1924.9	1924.9
2.5°	1901.3	1910.3	1915.9	1923.1	1941.3
5°	1828.4	1863.0	1874.0	1901.3	1934.1
7.5°	1668.2	1773.8	1802.9	1868.5	1919.5
10°	1513.3	1619.0	1670.0	1824.8	1901.3
12.5°	1435.0	1497.0	1531.6	1748.3	1875.8
15°	1385.9	1429.6	1455.1	1646.3	1846.6
17.5°	1347.6	1378.7	1396.8	1546.2	1806.6
20°	1324.0	1338.6	1354.9	1473.3	1761.1
22.5°	1307.6	1298.5	1311.2	1422.3	1699.2
25°	1296.6	1262.1	1276.6	1382.3	1626.3
27.5°	1305.8	1229.3	1234.7	1345.8	1549.8
30°	1307.6	1189.2	1191.0	1307.6	1464.2
32.5°	1294.8	1147.3	1149.1	1260.3	1367.7
35°	1263.9	1098.1	1096.3	1205.6	1236.5
37.5°	1222.0	1045.4	1045.4	1145.5	1092.7
40°	1171.0	992.5	998.0	1067.2	965.2
42.5°	1109.1	936.0	943.4	963.4	870.5
45°	1041.7	881.4	886.9	814.0	797.6
47.5°	967.0	825.0	826.8	675.6	774.0
50°	877.8	766.7	759.4	579.1	772.2
52.5°	799.4	702.9	681.1	524.5	701.1
55°	723.0	635.6	588.3	482.6	650.2
57.5°	655.6	548.2	502.6	433.4	639.2
60°	593.7	462.5	428.0	380.6	586.5
62.5°	542.7	398.8	391.6	344.2	531.8
65°	488.1	355.1	353.3	313.3	451.7
67.5°	435.3	325.9	324.1	284.1	344.2
70°	378.8	295.0	291.4	253.2	255.0
72.5°	320.5	260.4	256.8	227.6	211.3
75°	262.2	220.3	218.5	198.5	171.2
77.5°	205.8	174.8	178.5	160.3	125.6
80°	147.5	127.4	131.2	114.8	94.7
82.5°	98.3	83.8	87.4	72.9	63.7
85°	54.7	47.3	49.2	38.3	29.1
87.5°	25.5	21.8	21.8	14.6	9.1
90°	61.8	39.4	36.6	25.3	14.0
92.5°	381.5	271.4	247.5	151.8	56.2
95°	938.7	528.6	484.9	309.9	135.0
97.5°	1264.4	580.7	542.1	387.7	233.4
100°	1383.0	624.3	589.3	449.3	309.3
102.5°	1437.4	667.8	635.2	504.6	374.0
105°	1477.7	732.5	704.8	594.2	483.6
107.5°	1485.2	828.1	802.3	699.2	596.1
110°	1473.9	881.5	858.3	765.1	672.1

TEST NUMBER: P935455

CATALOG NUMBER: SQ4-FA-125U-050D-93050-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1474.3	946.2	924.0	835.3	746.6
115°	1488.0	1043.2	1022.7	940.8	859.0
117.5°	1515.6	1137.4	1118.9	1044.5	970.2
120°	1538.1	1192.3	1174.8	1104.7	1034.8
122.5°	1570.5	1256.9	1239.3	1168.7	1098.1
125°	1614.1	1339.9	1323.8	1259.4	1195.1
127.5°	1657.6	1420.0	1403.8	1338.8	1273.8
130°	1689.5	1473.4	1456.0	1386.0	1316.0
132.5°	1715.3	1517.0	1499.6	1429.5	1359.6
135°	1743.4	1567.6	1551.7	1488.0	1424.3
137.5°	1785.5	1632.3	1616.5	1553.4	1490.3
140°	1811.3	1675.9	1661.3	1603.2	1545.1
142.5°	1832.9	1708.2	1694.8	1641.1	1587.3
145°	1861.0	1757.5	1745.8	1698.9	1652.0
147.5°	1902.3	1819.3	1807.9	1762.3	1716.6
150°	1923.8	1851.7	1841.4	1800.1	1758.8
152.5°	1937.9	1872.8	1865.0	1833.7	1802.4
155°	1968.8	1919.1	1913.3	1890.2	1867.1
157.5°	1999.8	1965.6	1959.9	1937.4	1915.0
160°	2013.8	1986.6	1982.3	1964.7	1947.3
162.5°	2028.8	2009.1	2005.8	1992.7	1979.6
165°	2050.4	2041.4	2038.4	2026.6	2014.7
167.5°	2067.2	2059.7	2058.3	2052.7	2047.1
170°	2081.2	2080.8	2079.4	2073.8	2068.2
172.5°	2082.2	2082.2	2082.0	2080.7	2079.4
175°	2090.7	2094.9	2094.9	2094.9	2094.9
177.5°	2091.6	2094.9	2094.9	2094.9	2094.9
180°	2094.9	2094.9	2094.9	2094.9	2094.9

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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	8.36	9.04	9.49	10.17	11.73	11.21	11.89	12.34	13.02	14.58
	3H	8.82	9.43	9.96	10.57	12.15	12.55	13.16	13.69	14.29	15.87
	4H	9.00	9.58	10.15	10.72	12.30	12.99	13.57	14.14	14.70	16.29
	6H	9.11	9.65	10.27	10.78	12.38	13.27	13.80	14.42	14.94	16.54
	8H	9.11	9.62	10.27	10.77	12.36	13.34	13.85	14.50	15.00	16.59
	12H	9.07	9.56	10.24	10.70	12.31	13.37	13.86	14.54	15.00	16.62
4H	2H	9.37	9.95	10.53	11.09	12.67	11.59	12.18	12.75	13.31	14.90
	3H	10.38	10.87	11.54	12.03	13.63	13.09	13.57	14.25	14.73	16.33
	4H	10.65	11.10	11.82	12.24	13.86	13.61	14.06	14.78	15.21	16.83
	6H	10.76	11.15	11.94	12.32	13.93	13.97	14.36	15.14	15.53	17.14
	8H	10.77	11.12	11.94	12.28	13.91	14.08	14.44	15.25	15.60	17.22
	12H	10.72	11.05	11.91	12.22	13.85	14.13	14.46	15.32	15.63	17.26
8H	4H	11.09	11.45	12.26	12.61	14.24	13.72	14.08	14.89	15.24	16.87
	6H	11.35	11.64	12.54	12.85	14.47	14.16	14.45	15.35	15.66	17.28
	8H	11.39	11.64	12.58	12.83	14.47	14.31	14.57	15.51	15.75	17.39
	12H	11.36	11.59	12.56	12.77	14.44	14.41	14.63	15.60	15.81	17.49
12H	4H	11.09	11.42	12.28	12.59	14.22	13.68	14.00	14.86	15.18	16.81
	6H	11.41	11.66	12.60	12.85	14.49	14.15	14.41	15.35	15.59	17.23
	8H	11.47	11.69	12.66	12.87	14.55	14.31	14.54	15.51	15.71	17.39