

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: P935288

Luminaire Tested: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935288
REPORT IS A COMBINATION OF REPORTS P933747 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

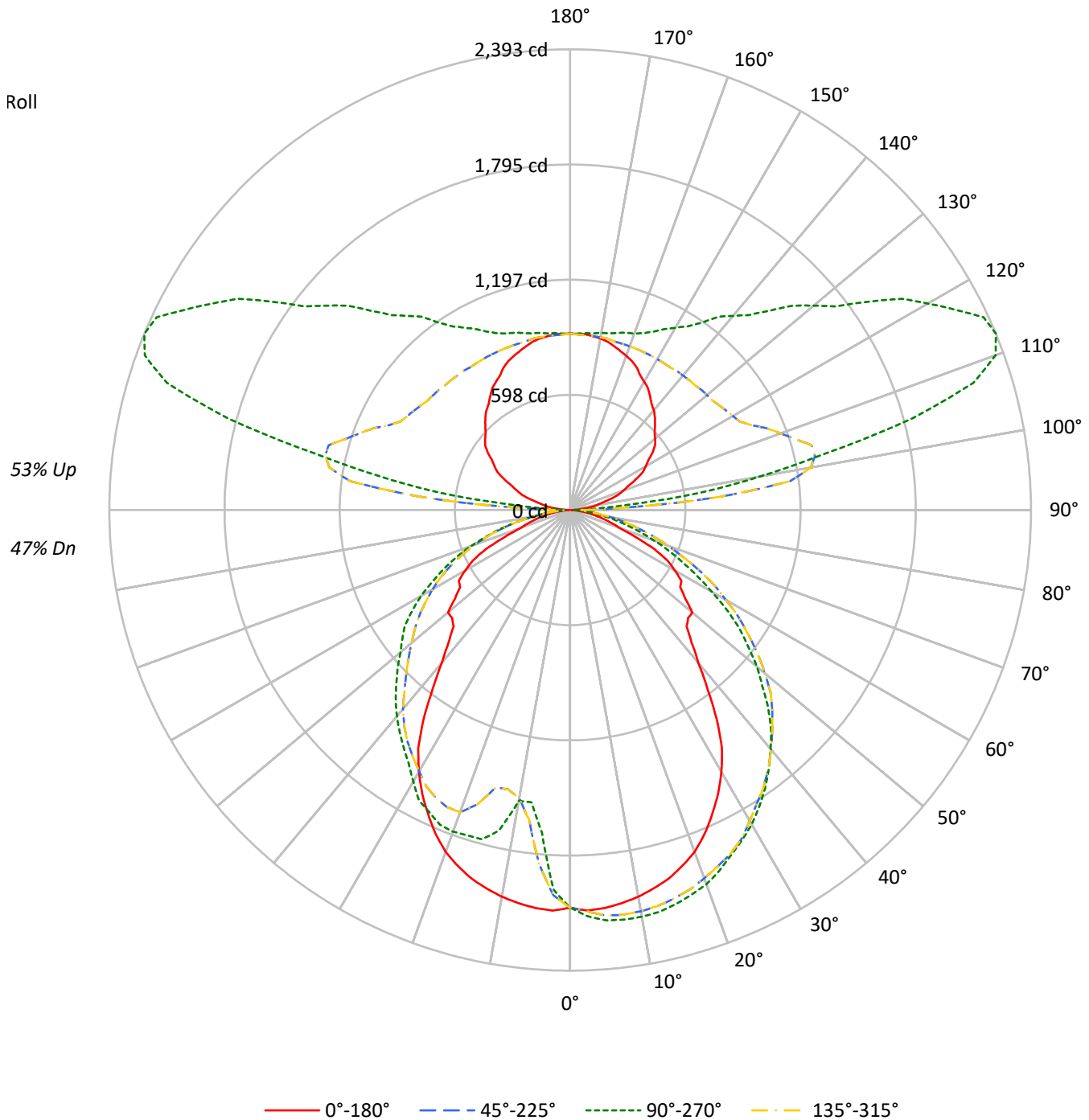
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11300.6 lumens
Efficiency: N/A
Efficacy: 129.9 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 87
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	107	107	107	107	98	98	98	98	82	82	82	67	67	67	54	54	54	47
1	97	93	89	86	89	86	82	79	72	70	67	59	58	56	48	47	46	40
2	89	81	75	70	81	75	70	65	63	59	56	52	49	47	42	40	38	34
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	28
4	74	63	55	49	68	58	51	46	49	44	40	41	37	34	33	30	28	24
5	68	56	48	42	62	52	45	39	44	39	34	37	33	29	30	27	24	21
6	62	50	42	36	57	47	39	34	40	34	30	33	29	26	27	24	21	19
7	58	45	37	32	53	42	35	30	36	30	26	30	26	23	25	21	19	16
8	53	41	33	28	49	38	31	27	33	27	23	28	23	20	23	19	17	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12776	12776	12776	12776
5°	12867	12897	12867	10141
10°	12776	12704	12776	9082
15°	12633	12429	12633	10379
20°	12364	12103	12364	10400
25°	11818	11627	11818	10180
30°	11115	11232	11115	9696
35°	9904	10732	9904	9164
40°	8248	10145	8248	8762
45°	7364	9457	7364	8300
50°	7817	8636	7817	7837
55°	7349	7752	7349	7568
60°	7566	6583	7566	6932
65°	6849	5442	6849	6083
70°	4730	4337	4730	5099
75°	4134	3205	4134	3840
80°	3307	2120	3307	2308
85°	1866	1123	1866	955

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11295 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	186.4	1.6
10°-20°	529.3	4.7
20°-30°	818.2	7.2
30°-40°	976.8	8.6
40°-50°	982.5	8.7
50°-60°	854.9	7.6
60°-70°	606.1	5.4
70°-80°	320.7	2.8
80°-90°	83.4	0.7
90°-100°	446.8	4.0
100°-110°	1174.7	10.4
110°-120°	1218.0	10.8
120°-130°	977.0	8.6
130°-140°	766.6	6.8
140°-150°	588.4	5.2
150°-160°	423.7	3.7
160°-170°	259.3	2.3
170°-180°	87.6	0.8
0°-30°	1534.0	13.6
0°-40°	2510.8	22.2
0°-60°	4348.3	38.5
0°-90°	5358.5	47.4
90°-120°	2839.5	25.1
90°-150°	5171.5	45.8
90°-180°	5942.0	52.6
0°-180°	11300.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2065	2065	2065	2065	2065	
5°	2075	2140	2075	1682	2075	197
15°	1981	2120	1981	1770	1981	557
25°	1745	1977	1745	1731	1745	801
35°	1327	1764	1327	1506	1327	821
45°	856	1454	856	1276	856	686
55°	698	1073	698	1047	698	641
65°	485	647	485	723	485	463
75°	184	307	184	367	184	193
85°	31	78	31	66	31	42
90°	6	23	6	23	6	6
95°	59	270	59	270	59	66
105°	212	1839	212	1839	212	224
115°	376	2368	376	2368	376	371
125°	523	1886	523	1886	523	464
135°	623	1464	623	1464	623	482
145°	723	1187	723	1187	723	453
155°	817	1022	817	1022	817	375
165°	882	952	882	952	882	249
175°	917	923	917	923	917	87
180°	917	917	917	917	917	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3
2.5°	2082.9	2082.9	2094.7	2098.5	2098.5	2092.7	2086.8	2092.7	2110.2	2116.2	2114.2
5°	2075.0	2090.7	2112.2	2116.2	2120.0	2118.0	2114.2	2118.0	2137.5	2141.5	2143.5
7.5°	2059.5	2088.7	2116.2	2122.0	2127.8	2122.0	2120.0	2123.9	2143.5	2147.4	2147.4
10°	2039.9	2081.0	2112.2	2116.2	2122.0	2116.2	2116.2	2123.9	2143.5	2147.4	2149.3
12.5°	2012.5	2069.2	2098.5	2102.4	2110.2	2108.3	2106.3	2114.2	2133.7	2137.5	2137.5
15°	1981.3	2047.7	2075.0	2079.0	2092.7	2088.7	2088.7	2096.5	2118.0	2123.9	2122.0
17.5°	1938.3	2020.3	2051.7	2057.5	2067.2	2065.3	2067.2	2075.0	2094.7	2098.5	2100.5
20°	1889.5	1983.2	2020.3	2026.2	2036.0	2036.0	2036.0	2045.8	2065.3	2073.2	2073.2
22.5°	1823.0	1944.2	1983.2	1987.2	1998.9	1998.9	2002.8	2016.5	2034.0	2036.0	2036.0
25°	1744.8	1901.2	1934.4	1946.1	1957.8	1963.7	1969.5	1977.4	1983.2	1981.3	1983.2
27.5°	1662.8	1846.5	1889.5	1897.3	1912.9	1918.8	1926.5	1928.5	1930.5	1936.3	1932.5
30°	1571.0	1770.3	1834.7	1842.5	1868.0	1871.8	1864.0	1868.0	1877.7	1881.7	1885.5
32.5°	1467.4	1657.0	1778.1	1795.7	1819.1	1807.3	1805.5	1811.3	1827.0	1827.0	1830.8
35°	1326.8	1569.0	1725.3	1741.0	1758.5	1744.8	1752.7	1754.6	1764.3	1770.3	1768.3
37.5°	1172.4	1492.8	1670.6	1682.3	1696.0	1678.5	1690.1	1696.0	1703.8	1700.0	1700.0
40°	1035.6	1373.6	1606.1	1614.0	1625.7	1612.0	1623.7	1627.6	1631.5	1627.6	1625.7
42.5°	933.9	1242.7	1537.8	1547.5	1539.7	1549.5	1553.3	1561.2	1555.3	1547.5	1547.5
45°	855.8	1207.6	1463.5	1475.3	1463.5	1479.1	1485.0	1485.0	1467.4	1463.5	1461.5
47.5°	830.4	1137.2	1389.3	1389.3	1383.4	1402.9	1412.6	1399.0	1381.4	1375.6	1375.6
50°	828.4	1059.1	1287.6	1279.8	1307.1	1330.6	1320.8	1307.1	1293.5	1272.0	1272.0
52.5°	752.2	963.3	1156.7	1186.1	1229.0	1242.7	1227.1	1213.4	1189.9	1180.1	1172.4
55°	697.6	863.6	1037.6	1096.1	1141.1	1158.6	1129.4	1115.7	1080.6	1074.6	1070.8
57.5°	685.9	719.1	928.1	1002.4	1057.1	1055.1	1037.6	1012.1	982.8	976.9	975.1
60°	629.2	519.7	810.9	898.8	955.4	949.6	933.9	910.6	883.2	879.3	875.4
62.5°	570.5	377.1	678.0	777.7	857.8	855.8	842.1	806.9	787.4	777.7	769.9
65°	484.6	316.5	482.6	646.7	762.1	765.9	736.6	711.2	689.7	678.0	676.1
67.5°	369.3	257.9	326.3	539.2	670.2	666.3	629.2	617.4	590.1	584.2	572.5
70°	273.5	172.0	226.7	437.7	580.4	570.5	541.2	527.6	502.2	488.5	480.7
72.5°	226.7	138.7	166.0	340.0	488.5	476.7	451.4	435.7	414.2	402.5	394.7
75°	183.7	146.5	127.0	252.0	396.7	388.9	365.4	349.7	332.2	316.5	318.5
77.5°	134.8	136.8	101.6	185.7	314.5	302.9	289.2	269.7	261.8	246.2	246.2
80°	101.6	107.5	76.2	127.0	226.7	226.7	214.9	201.2	187.5	179.7	179.7
82.5°	68.4	68.4	56.7	80.1	154.4	148.5	140.7	136.8	129.0	125.0	125.0
85°	31.3	39.0	35.2	48.8	84.0	88.0	88.0	84.0	82.0	78.2	80.1
87.5°	9.8	17.6	21.5	27.3	43.0	45.0	46.9	46.9	46.9	48.8	48.8
90°	6.1	11.0	16.0	17.3	27.1	40.2	46.7	41.5	31.2	23.4	23.4
92.5°	24.6	66.5	108.3	118.7	166.9	231.1	263.3	230.7	165.6	116.8	112.2
95°	59.1	135.6	212.2	231.3	410.8	650.0	769.6	686.7	521.0	396.8	382.7
97.5°	102.1	169.7	237.2	254.1	553.2	952.2	1151.6	1099.3	994.6	916.0	889.2
100°	135.4	196.6	257.8	273.1	605.1	1047.7	1269.1	1272.9	1280.6	1286.3	1254.4
102.5°	163.7	220.9	278.0	292.3	629.0	1077.9	1302.3	1369.1	1502.5	1602.5	1575.2
105°	211.6	260.0	308.4	320.5	646.6	1081.3	1298.7	1448.2	1747.3	1971.6	1956.9
107.5°	260.8	306.0	351.1	362.4	649.9	1033.1	1224.8	1433.4	1850.6	2163.6	2167.1
110°	294.0	334.7	375.6	385.7	644.9	990.5	1163.3	1396.5	1862.9	2212.8	2228.1



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	326.7	365.5	404.4	414.0	645.1	953.3	1107.3	1346.0	1823.4	2181.4	2204.9
115°	375.9	411.7	447.4	456.4	651.1	910.5	1040.2	1270.2	1730.1	2075.0	2107.7
117.5°	424.5	457.0	489.5	497.6	663.1	883.8	994.1	1201.6	1616.6	1927.9	1964.1
120°	452.8	483.4	514.0	521.7	673.0	874.8	975.6	1165.3	1544.5	1828.9	1864.0
122.5°	480.5	511.3	542.3	550.0	687.1	870.0	961.5	1132.3	1473.8	1729.8	1764.5
125°	522.9	551.1	579.3	586.3	706.3	866.2	946.2	1091.2	1381.3	1598.9	1630.8
127.5°	557.4	585.8	614.3	621.4	725.3	863.9	933.2	1057.8	1306.8	1493.7	1520.6
130°	575.8	606.5	637.1	644.7	739.3	865.3	928.3	1039.1	1260.9	1427.2	1452.1
132.5°	594.9	625.5	656.1	663.8	750.5	866.2	924.0	1023.3	1221.8	1370.6	1392.9
135°	623.2	651.1	679.0	686.0	762.9	865.3	916.6	999.7	1165.9	1290.7	1309.9
137.5°	652.0	679.6	707.4	714.3	781.3	870.7	915.4	985.7	1126.2	1231.6	1247.3
140°	676.1	701.5	727.0	733.3	792.5	871.5	911.1	971.8	1093.2	1184.2	1198.9
142.5°	694.5	718.1	741.6	747.5	802.0	874.7	911.1	964.4	1071.0	1151.0	1163.6
145°	722.8	743.3	763.9	769.0	814.3	874.8	905.0	948.5	1035.8	1101.2	1110.7
147.5°	751.1	771.1	791.0	796.0	832.3	880.7	905.0	939.3	1007.9	1059.4	1067.2
150°	769.6	787.6	805.7	810.2	841.7	883.9	905.0	933.9	991.8	1035.3	1041.7
152.5°	788.7	802.4	816.0	819.5	848.0	885.9	905.0	929.7	979.2	1016.3	1021.1
155°	817.0	827.1	837.1	839.7	861.5	890.5	905.0	924.7	964.0	993.5	996.7
157.5°	837.9	847.8	857.5	860.0	875.0	895.0	905.0	920.2	950.9	973.9	976.1
160°	852.0	859.7	867.4	869.3	881.2	897.1	905.0	918.1	944.3	964.0	965.3
162.5°	866.2	871.9	877.6	879.1	887.7	899.2	905.0	916.0	938.2	954.7	955.9
165°	881.6	886.7	891.9	893.2	897.2	902.4	905.0	912.8	928.7	940.6	941.9
167.5°	895.7	898.1	900.6	901.2	904.5	908.9	911.1	916.3	926.6	934.4	935.0
170°	905.0	907.4	909.9	910.5	910.7	911.0	911.1	916.3	926.6	934.4	934.4
172.5°	909.9	910.4	911.0	911.1	911.1	911.1	911.1	915.2	923.4	929.5	929.0
175°	916.6	916.6	916.6	916.6	914.7	912.2	911.1	913.6	918.9	922.8	922.8
177.5°	916.6	916.6	916.6	916.6	915.2	913.3	912.3	914.4	918.5	921.5	920.9
180°	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3
2.5°	2118.0	2112.2	2118.0	2114.2	2116.2	2110.2	2092.7	2086.8	2092.7	2098.5	2098.5
5°	2143.5	2139.5	2143.5	2143.5	2141.5	2137.5	2118.0	2114.2	2118.0	2120.0	2116.2
7.5°	2151.3	2145.4	2151.3	2147.4	2147.4	2143.5	2123.9	2120.0	2122.0	2127.8	2122.0
10°	2151.3	2145.4	2151.3	2149.3	2147.4	2143.5	2123.9	2116.2	2116.2	2122.0	2116.2
12.5°	2141.5	2137.5	2141.5	2137.5	2137.5	2133.7	2114.2	2106.3	2108.3	2110.2	2102.4
15°	2125.9	2120.0	2125.9	2122.0	2123.9	2118.0	2096.5	2088.7	2088.7	2092.7	2079.0
17.5°	2102.4	2094.7	2102.4	2100.5	2098.5	2094.7	2075.0	2067.2	2065.3	2067.2	2057.5
20°	2075.0	2069.2	2075.0	2073.2	2073.2	2065.3	2045.8	2036.0	2036.0	2036.0	2026.2
22.5°	2032.0	2026.2	2032.0	2036.0	2036.0	2034.0	2016.5	2002.8	1998.9	1998.9	1987.2
25°	1983.2	1977.4	1983.2	1983.2	1981.3	1983.2	1977.4	1969.5	1963.7	1957.8	1946.1
27.5°	1936.3	1932.5	1936.3	1932.5	1936.3	1930.5	1928.5	1926.5	1918.8	1912.9	1897.3
30°	1889.5	1885.5	1889.5	1885.5	1881.7	1877.7	1868.0	1864.0	1871.8	1868.0	1842.5
32.5°	1830.8	1827.0	1830.8	1830.8	1827.0	1827.0	1811.3	1805.5	1807.3	1819.1	1795.7
35°	1770.3	1764.3	1770.3	1768.3	1770.3	1764.3	1754.6	1752.7	1744.8	1758.5	1741.0
37.5°	1700.0	1694.0	1700.0	1700.0	1700.0	1703.8	1696.0	1690.1	1678.5	1696.0	1682.3
40°	1627.6	1619.8	1627.6	1625.7	1627.6	1631.5	1627.6	1623.7	1612.0	1625.7	1614.0
42.5°	1545.6	1543.6	1545.6	1547.5	1547.5	1555.3	1561.2	1553.3	1549.5	1539.7	1547.5
45°	1457.6	1453.8	1457.6	1461.5	1463.5	1467.4	1485.0	1485.0	1479.1	1463.5	1475.3
47.5°	1363.8	1354.1	1363.8	1375.6	1375.6	1381.4	1399.0	1412.6	1402.9	1383.4	1389.3
50°	1264.2	1266.1	1264.2	1272.0	1272.0	1293.5	1307.1	1320.8	1330.6	1307.1	1279.8
52.5°	1166.5	1164.6	1166.5	1172.4	1180.1	1189.9	1213.4	1227.1	1242.7	1229.0	1186.1
55°	1068.8	1072.7	1068.8	1070.8	1074.6	1080.6	1115.7	1129.4	1158.6	1141.1	1096.1
57.5°	971.1	965.2	971.1	975.1	976.9	982.8	1012.1	1037.6	1055.1	1057.1	1002.4
60°	857.8	849.9	857.8	875.4	879.3	883.2	910.6	933.9	949.6	955.4	898.8
62.5°	758.1	744.4	758.1	769.9	777.7	787.4	806.9	842.1	855.8	857.8	777.7
65°	652.6	646.7	652.6	676.1	678.0	689.7	711.2	736.6	765.9	762.1	646.7
67.5°	556.9	556.9	556.9	572.5	584.2	590.1	617.4	629.2	666.3	670.2	539.2
70°	468.9	467.0	468.9	480.7	488.5	502.2	527.6	541.2	570.5	580.4	437.7
72.5°	384.9	383.0	384.9	394.7	402.5	414.2	435.7	451.4	476.7	488.5	340.0
75°	310.7	306.7	310.7	318.5	316.5	332.2	349.7	365.4	388.9	396.7	252.0
77.5°	238.4	238.4	238.4	246.2	246.2	261.8	269.7	289.2	302.9	314.5	185.7
80°	177.8	175.9	177.8	179.7	179.7	187.5	201.2	214.9	226.7	226.7	127.0
82.5°	125.0	121.2	125.0	125.0	125.0	129.0	136.8	140.7	148.5	154.4	80.1
85°	78.2	78.2	78.2	80.1	78.2	82.0	84.0	88.0	88.0	84.0	48.8
87.5°	50.8	48.8	50.8	48.8	48.8	46.9	46.9	46.9	45.0	43.0	27.3
90°	23.4	23.4	23.4	23.4	23.4	31.2	41.5	46.7	40.2	27.1	17.3
92.5°	93.6	75.0	93.6	112.2	116.8	165.6	230.7	263.3	231.1	166.9	118.7
95°	326.4	270.1	326.4	382.7	396.8	521.0	686.7	769.6	650.0	410.8	231.3
97.5°	782.0	674.8	782.0	889.2	916.0	994.6	1099.3	1151.6	952.2	553.2	254.1
100°	1126.7	999.0	1126.7	1254.4	1286.3	1280.6	1272.9	1269.1	1047.7	605.1	273.1
102.5°	1465.8	1356.4	1465.8	1575.2	1602.5	1502.5	1369.1	1302.3	1077.9	629.0	292.3
105°	1898.1	1839.4	1898.1	1956.9	1971.6	1747.3	1448.2	1298.7	1081.3	646.6	320.5
107.5°	2181.4	2195.6	2181.4	2167.1	2163.6	1850.6	1433.4	1224.8	1033.1	649.9	362.4
110°	2289.4	2350.6	2289.4	2228.1	2212.8	1862.9	1396.5	1163.3	990.5	644.9	385.7



TEST NUMBER: P935288

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2299.0	2393.0	2299.0	2204.9	2181.4	1823.4	1346.0	1107.3	953.3	645.1	414.0
115°	2238.0	2368.5	2238.0	2107.7	2075.0	1730.1	1270.2	1040.2	910.5	651.1	456.4
117.5°	2108.8	2253.4	2108.8	1964.1	1927.9	1616.6	1201.6	994.1	883.8	663.1	497.6
120°	2004.6	2145.1	2004.6	1864.0	1828.9	1544.5	1165.3	975.6	874.8	673.0	521.7
122.5°	1903.2	2041.8	1903.2	1764.5	1729.8	1473.8	1132.3	961.5	870.0	687.1	550.0
125°	1758.4	1886.1	1758.4	1630.8	1598.9	1381.3	1091.2	946.2	866.2	706.3	586.3
127.5°	1628.4	1736.1	1628.4	1520.6	1493.7	1306.8	1057.8	933.2	863.9	725.3	621.4
130°	1551.7	1651.2	1551.7	1452.1	1427.2	1260.9	1039.1	928.3	865.3	739.3	644.7
132.5°	1482.1	1571.2	1482.1	1392.9	1370.6	1221.8	1023.3	924.0	866.2	750.5	663.8
135°	1386.7	1463.5	1386.7	1309.9	1290.7	1165.9	999.7	916.6	865.3	762.9	686.0
137.5°	1310.2	1373.1	1310.2	1247.3	1231.6	1126.2	985.7	915.4	870.7	781.3	714.3
140°	1257.7	1316.5	1257.7	1198.9	1184.2	1093.2	971.8	911.1	871.5	792.5	733.3
142.5°	1214.3	1264.8	1214.3	1163.6	1151.0	1071.0	964.4	911.1	874.7	802.0	747.5
145°	1149.1	1187.3	1149.1	1110.7	1101.2	1035.8	948.5	905.0	874.8	814.3	769.0
147.5°	1099.0	1130.7	1099.0	1067.2	1059.4	1007.9	939.3	905.0	880.7	832.3	796.0
150°	1067.4	1093.2	1067.4	1041.7	1035.3	991.8	933.9	905.0	883.9	841.7	810.2
152.5°	1040.5	1060.0	1040.5	1021.1	1016.3	979.2	929.7	905.0	885.9	848.0	819.5
155°	1009.6	1022.4	1009.6	996.7	993.5	964.0	924.7	905.0	890.5	861.5	839.7
157.5°	985.1	994.1	985.1	976.1	973.9	950.9	920.2	905.0	895.0	875.0	860.0
160°	970.5	975.6	970.5	965.3	964.0	944.3	918.1	905.0	897.1	881.2	869.3
162.5°	960.9	965.8	960.9	955.9	954.7	938.2	916.0	905.0	899.2	887.7	879.1
165°	947.2	952.3	947.2	941.9	940.6	928.7	912.8	905.0	902.4	897.2	893.2
167.5°	937.2	939.4	937.2	935.0	934.4	926.6	916.3	911.1	908.9	904.5	901.2
170°	934.4	934.4	934.4	934.4	934.4	926.6	916.3	911.1	911.0	910.7	910.5
172.5°	927.1	925.3	927.1	929.0	929.5	923.4	915.2	911.1	911.1	911.1	911.1
175°	922.8	922.8	922.8	922.8	922.8	918.9	913.6	911.1	912.2	914.7	916.6
177.5°	918.8	916.6	918.8	920.9	921.5	918.5	914.4	912.3	913.3	915.2	916.6
180°	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6



TEST NUMBER: P935288

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3
2.5°	2094.7	2082.9	2082.9	2063.3	2055.5	2049.7	2039.9	2010.6	2002.8	1995.0	2006.7
5°	2112.2	2090.7	2075.0	2039.9	2010.6	1998.9	1961.7	1891.4	1844.5	1809.3	1789.8
7.5°	2116.2	2088.7	2059.5	2004.7	1934.4	1903.1	1789.8	1660.8	1625.7	1594.4	1574.8
10°	2112.2	2081.0	2039.9	1957.8	1791.8	1737.0	1623.7	1539.7	1518.2	1512.3	1518.2
12.5°	2098.5	2069.2	2012.5	1875.8	1643.3	1606.1	1539.7	1490.8	1487.0	1496.7	1549.5
15°	2075.0	2047.7	1981.3	1766.3	1561.2	1533.8	1487.0	1469.3	1490.8	1559.3	1717.5
17.5°	2051.7	2020.3	1938.3	1658.8	1498.6	1479.1	1445.9	1481.1	1602.2	1694.0	1746.8
20°	2020.3	1983.2	1889.5	1580.8	1453.8	1436.1	1420.5	1578.8	1670.6	1703.8	1733.1
22.5°	1983.2	1944.2	1823.0	1526.0	1406.8	1393.1	1402.9	1633.5	1670.6	1694.0	1719.5
25°	1934.4	1901.2	1744.8	1483.0	1369.8	1354.1	1391.2	1627.6	1649.1	1655.0	1705.8
27.5°	1889.5	1846.5	1662.8	1444.0	1324.8	1318.9	1401.0	1602.2	1617.8	1623.7	1678.5
30°	1834.7	1770.3	1571.0	1402.9	1277.9	1275.9	1402.9	1571.0	1567.0	1582.7	1637.4
32.5°	1778.1	1657.0	1467.4	1352.1	1232.9	1231.0	1389.3	1524.1	1520.1	1541.6	1582.7
35°	1725.3	1569.0	1326.8	1293.5	1176.3	1178.2	1356.0	1469.3	1471.3	1490.8	1516.3
37.5°	1670.6	1492.8	1172.4	1229.0	1121.6	1121.6	1311.1	1418.6	1414.6	1420.5	1455.6
40°	1606.1	1373.6	1035.6	1145.0	1070.8	1064.9	1256.4	1363.8	1350.1	1348.3	1397.1
42.5°	1537.8	1242.7	933.9	1033.6	1012.1	1004.3	1189.9	1297.4	1272.0	1277.9	1340.4
45°	1463.5	1207.6	855.8	873.4	951.6	945.7	1117.6	1221.2	1203.6	1219.3	1283.8
47.5°	1389.3	1137.2	830.4	724.9	887.1	885.1	1037.6	1146.9	1137.2	1152.8	1221.2
50°	1287.6	1059.1	828.4	621.4	814.8	822.6	941.8	1074.6	1074.6	1088.3	1160.6
52.5°	1156.7	963.3	752.2	562.7	730.7	754.2	857.8	1012.1	1016.1	1029.7	1094.2
55°	1037.6	863.6	697.6	517.7	631.1	681.9	775.7	947.6	955.4	969.1	1027.8
57.5°	928.1	719.1	685.9	465.0	539.2	588.1	703.4	885.1	889.1	900.8	957.4
60°	810.9	519.7	629.2	408.4	459.2	496.3	637.0	810.9	824.6	832.4	881.2
62.5°	678.0	377.1	570.5	369.3	420.1	427.9	582.2	740.6	758.1	764.0	793.3
65°	482.6	316.5	484.6	336.0	379.0	381.0	523.7	668.2	683.9	693.7	715.1
67.5°	326.3	257.9	369.3	304.8	347.8	349.7	467.0	584.2	605.7	613.5	627.2
70°	226.7	172.0	273.5	271.6	312.7	316.5	406.4	508.0	527.6	533.4	541.2
72.5°	166.0	138.7	226.7	244.2	275.5	279.4	343.9	422.0	441.6	447.4	451.4
75°	127.0	146.5	183.7	213.0	234.5	236.4	281.4	343.9	357.5	361.5	363.4
77.5°	101.6	136.8	134.8	172.0	191.5	187.5	220.8	265.7	277.5	277.5	277.5
80°	76.2	107.5	101.6	123.1	140.7	136.8	158.3	189.5	193.5	197.3	195.4
82.5°	56.7	68.4	68.4	78.2	93.8	89.9	105.5	123.1	123.1	123.1	127.0
85°	35.2	39.0	31.3	41.0	52.8	50.8	58.7	66.5	68.4	68.4	64.5
87.5°	21.5	17.6	9.8	15.7	23.5	23.5	27.3	29.3	27.3	27.3	27.3
90°	16.0	11.0	6.1	11.0	16.0	17.3	27.1	40.2	46.7	41.5	31.2
92.5°	108.3	66.5	24.6	66.5	108.3	118.7	166.9	231.1	263.3	230.7	165.6
95°	212.2	135.6	59.1	135.6	212.2	231.3	410.8	650.0	769.6	686.7	521.0
97.5°	237.2	169.7	102.1	169.7	237.2	254.1	553.2	952.2	1151.6	1099.3	994.6
100°	257.8	196.6	135.4	196.6	257.8	273.1	605.1	1047.7	1269.1	1272.9	1280.6
102.5°	278.0	220.9	163.7	220.9	278.0	292.3	629.0	1077.9	1302.3	1369.1	1502.5
105°	308.4	260.0	211.6	260.0	308.4	320.5	646.6	1081.3	1298.7	1448.2	1747.3
107.5°	351.1	306.0	260.8	306.0	351.1	362.4	649.9	1033.1	1224.8	1433.4	1850.6
110°	375.6	334.7	294.0	334.7	375.6	385.7	644.9	990.5	1163.3	1396.5	1862.9



TEST NUMBER: P935288

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	404.4	365.5	326.7	365.5	404.4	414.0	645.1	953.3	1107.3	1346.0	1823.4
115°	447.4	411.7	375.9	411.7	447.4	456.4	651.1	910.5	1040.2	1270.2	1730.1
117.5°	489.5	457.0	424.5	457.0	489.5	497.6	663.1	883.8	994.1	1201.6	1616.6
120°	514.0	483.4	452.8	483.4	514.0	521.7	673.0	874.8	975.6	1165.3	1544.5
122.5°	542.3	511.3	480.5	511.3	542.3	550.0	687.1	870.0	961.5	1132.3	1473.8
125°	579.3	551.1	522.9	551.1	579.3	586.3	706.3	866.2	946.2	1091.2	1381.3
127.5°	614.3	585.8	557.4	585.8	614.3	621.4	725.3	863.9	933.2	1057.8	1306.8
130°	637.1	606.5	575.8	606.5	637.1	644.7	739.3	865.3	928.3	1039.1	1260.9
132.5°	656.1	625.5	594.9	625.5	656.1	663.8	750.5	866.2	924.0	1023.3	1221.8
135°	679.0	651.1	623.2	651.1	679.0	686.0	762.9	865.3	916.6	999.7	1165.9
137.5°	707.4	679.6	652.0	679.6	707.4	714.3	781.3	870.7	915.4	985.7	1126.2
140°	727.0	701.5	676.1	701.5	727.0	733.3	792.5	871.5	911.1	971.8	1093.2
142.5°	741.6	718.1	694.5	718.1	741.6	747.5	802.0	874.7	911.1	964.4	1071.0
145°	763.9	743.3	722.8	743.3	763.9	769.0	814.3	874.8	905.0	948.5	1035.8
147.5°	791.0	771.1	751.1	771.1	791.0	796.0	832.3	880.7	905.0	939.3	1007.9
150°	805.7	787.6	769.6	787.6	805.7	810.2	841.7	883.9	905.0	933.9	991.8
152.5°	816.0	802.4	788.7	802.4	816.0	819.5	848.0	885.9	905.0	929.7	979.2
155°	837.1	827.1	817.0	827.1	837.1	839.7	861.5	890.5	905.0	924.7	964.0
157.5°	857.5	847.8	837.9	847.8	857.5	860.0	875.0	895.0	905.0	920.2	950.9
160°	867.4	859.7	852.0	859.7	867.4	869.3	881.2	897.1	905.0	918.1	944.3
162.5°	877.6	871.9	866.2	871.9	877.6	879.1	887.7	899.2	905.0	916.0	938.2
165°	891.9	886.7	881.6	886.7	891.9	893.2	897.2	902.4	905.0	912.8	928.7
167.5°	900.6	898.1	895.7	898.1	900.6	901.2	904.5	908.9	911.1	916.3	926.6
170°	909.9	907.4	905.0	907.4	909.9	910.5	910.7	911.0	911.1	916.3	926.6
172.5°	911.0	910.4	909.9	910.4	911.0	911.1	911.1	911.1	911.1	915.2	923.4
175°	916.6	916.6	916.6	916.6	916.6	916.6	914.7	912.2	911.1	913.6	918.9
177.5°	916.6	916.6	916.6	916.6	916.6	916.6	915.2	913.3	912.3	914.4	918.5
180°	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6



TEST NUMBER: P935288

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3	2065.3
2.5°	1993.0	1987.2	1995.0	1973.5	1995.0	1987.2	1993.0	2006.7	1995.0	2002.8	2010.6
5°	1748.8	1739.0	1707.8	1682.3	1707.8	1739.0	1748.8	1789.8	1809.3	1844.5	1891.4
7.5°	1563.1	1555.3	1547.5	1531.8	1547.5	1555.3	1563.1	1574.8	1594.4	1625.7	1660.8
10°	1522.1	1524.1	1535.8	1533.8	1535.8	1524.1	1522.1	1518.2	1512.3	1518.2	1539.7
12.5°	1627.6	1645.2	1709.7	1705.8	1709.7	1645.2	1627.6	1549.5	1496.7	1487.0	1490.8
15°	1748.8	1754.6	1768.3	1770.3	1768.3	1754.6	1748.8	1717.5	1559.3	1490.8	1469.3
17.5°	1760.5	1762.5	1772.2	1772.2	1772.2	1762.5	1760.5	1746.8	1694.0	1602.2	1481.1
20°	1750.7	1754.6	1774.2	1778.1	1774.2	1754.6	1750.7	1733.1	1703.8	1670.6	1578.8
22.5°	1746.8	1754.6	1770.3	1768.3	1770.3	1754.6	1746.8	1719.5	1694.0	1670.6	1633.5
25°	1727.3	1727.3	1729.2	1731.2	1729.2	1727.3	1727.3	1705.8	1655.0	1649.1	1627.6
27.5°	1686.3	1690.1	1701.8	1700.0	1701.8	1690.1	1686.3	1678.5	1623.7	1617.8	1602.2
30°	1649.1	1645.2	1635.5	1627.6	1635.5	1645.2	1649.1	1637.4	1582.7	1567.0	1571.0
32.5°	1586.6	1576.8	1567.0	1561.2	1567.0	1576.8	1586.6	1582.7	1541.6	1520.1	1524.1
35°	1512.3	1514.3	1512.3	1506.5	1512.3	1514.3	1512.3	1516.3	1490.8	1471.3	1469.3
37.5°	1459.6	1463.5	1461.5	1453.8	1461.5	1463.5	1459.6	1455.6	1420.5	1414.6	1418.6
40°	1404.9	1406.8	1404.9	1399.0	1404.9	1406.8	1404.9	1397.1	1348.3	1350.1	1363.8
42.5°	1352.1	1350.1	1344.3	1340.4	1344.3	1350.1	1352.1	1340.4	1277.9	1272.0	1297.4
45°	1291.6	1293.5	1281.8	1275.9	1281.8	1293.5	1291.6	1283.8	1219.3	1203.6	1221.2
47.5°	1231.0	1231.0	1221.2	1215.3	1221.2	1231.0	1231.0	1221.2	1152.8	1137.2	1146.9
50°	1166.5	1164.6	1150.9	1148.9	1150.9	1164.6	1166.5	1160.6	1088.3	1074.6	1074.6
52.5°	1092.3	1092.3	1094.2	1098.1	1094.2	1092.3	1092.3	1094.2	1029.7	1016.1	1012.1
55°	1027.8	1029.7	1043.4	1047.3	1043.4	1029.7	1027.8	1027.8	969.1	955.4	947.6
57.5°	961.4	961.4	971.1	971.1	971.1	961.4	961.4	957.4	900.8	889.1	885.1
60°	885.1	889.1	896.9	894.9	896.9	889.1	885.1	881.2	832.4	824.6	810.9
62.5°	805.0	808.9	810.9	806.9	810.9	808.9	805.0	793.3	764.0	758.1	740.6
65°	721.0	724.9	726.9	722.9	726.9	724.9	721.0	715.1	693.7	683.9	668.2
67.5°	635.0	633.1	631.1	638.9	631.1	633.1	635.0	627.2	613.5	605.7	584.2
70°	547.1	547.1	545.2	549.0	545.2	547.1	547.1	541.2	533.4	527.6	508.0
72.5°	453.3	451.4	459.2	453.3	459.2	451.4	453.3	451.4	447.4	441.6	422.0
75°	361.5	365.4	361.5	367.4	361.5	365.4	361.5	363.4	361.5	357.5	343.9
77.5°	275.5	279.4	275.5	275.5	275.5	279.4	275.5	277.5	277.5	277.5	265.7
80°	195.4	193.5	193.5	191.5	193.5	193.5	195.4	195.4	197.3	193.5	189.5
82.5°	125.0	123.1	123.1	127.0	123.1	123.1	125.0	127.0	123.1	123.1	123.1
85°	68.4	70.3	66.5	66.5	66.5	70.3	68.4	64.5	68.4	68.4	66.5
87.5°	25.4	23.5	23.5	23.5	23.5	23.5	25.4	27.3	27.3	27.3	29.3
90°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	31.2	41.5	46.7	40.2
92.5°	116.8	112.2	93.6	75.0	93.6	112.2	116.8	165.6	230.7	263.3	231.1
95°	396.8	382.7	326.4	270.1	326.4	382.7	396.8	521.0	686.7	769.6	650.0
97.5°	916.0	889.2	782.0	674.8	782.0	889.2	916.0	994.6	1099.3	1151.6	952.2
100°	1286.3	1254.4	1126.7	999.0	1126.7	1254.4	1286.3	1280.6	1272.9	1269.1	1047.7
102.5°	1602.5	1575.2	1465.8	1356.4	1465.8	1575.2	1602.5	1502.5	1369.1	1302.3	1077.9
105°	1971.6	1956.9	1898.1	1839.4	1898.1	1956.9	1971.6	1747.3	1448.2	1298.7	1081.3
107.5°	2163.6	2167.1	2181.4	2195.6	2181.4	2167.1	2163.6	1850.6	1433.4	1224.8	1033.1
110°	2212.8	2228.1	2289.4	2350.6	2289.4	2228.1	2212.8	1862.9	1396.5	1163.3	990.5



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2181.4	2204.9	2299.0	2393.0	2299.0	2204.9	2181.4	1823.4	1346.0	1107.3	953.3
115°	2075.0	2107.7	2238.0	2368.5	2238.0	2107.7	2075.0	1730.1	1270.2	1040.2	910.5
117.5°	1927.9	1964.1	2108.8	2253.4	2108.8	1964.1	1927.9	1616.6	1201.6	994.1	883.8
120°	1828.9	1864.0	2004.6	2145.1	2004.6	1864.0	1828.9	1544.5	1165.3	975.6	874.8
122.5°	1729.8	1764.5	1903.2	2041.8	1903.2	1764.5	1729.8	1473.8	1132.3	961.5	870.0
125°	1598.9	1630.8	1758.4	1886.1	1758.4	1630.8	1598.9	1381.3	1091.2	946.2	866.2
127.5°	1493.7	1520.6	1628.4	1736.1	1628.4	1520.6	1493.7	1306.8	1057.8	933.2	863.9
130°	1427.2	1452.1	1551.7	1651.2	1551.7	1452.1	1427.2	1260.9	1039.1	928.3	865.3
132.5°	1370.6	1392.9	1482.1	1571.2	1482.1	1392.9	1370.6	1221.8	1023.3	924.0	866.2
135°	1290.7	1309.9	1386.7	1463.5	1386.7	1309.9	1290.7	1165.9	999.7	916.6	865.3
137.5°	1231.6	1247.3	1310.2	1373.1	1310.2	1247.3	1231.6	1126.2	985.7	915.4	870.7
140°	1184.2	1198.9	1257.7	1316.5	1257.7	1198.9	1184.2	1093.2	971.8	911.1	871.5
142.5°	1151.0	1163.6	1214.3	1264.8	1214.3	1163.6	1151.0	1071.0	964.4	911.1	874.7
145°	1101.2	1110.7	1149.1	1187.3	1149.1	1110.7	1101.2	1035.8	948.5	905.0	874.8
147.5°	1059.4	1067.2	1099.0	1130.7	1099.0	1067.2	1059.4	1007.9	939.3	905.0	880.7
150°	1035.3	1041.7	1067.4	1093.2	1067.4	1041.7	1035.3	991.8	933.9	905.0	883.9
152.5°	1016.3	1021.1	1040.5	1060.0	1040.5	1021.1	1016.3	979.2	929.7	905.0	885.9
155°	993.5	996.7	1009.6	1022.4	1009.6	996.7	993.5	964.0	924.7	905.0	890.5
157.5°	973.9	976.1	985.1	994.1	985.1	976.1	973.9	950.9	920.2	905.0	895.0
160°	964.0	965.3	970.5	975.6	970.5	965.3	964.0	944.3	918.1	905.0	897.1
162.5°	954.7	955.9	960.9	965.8	960.9	955.9	954.7	938.2	916.0	905.0	899.2
165°	940.6	941.9	947.2	952.3	947.2	941.9	940.6	928.7	912.8	905.0	902.4
167.5°	934.4	935.0	937.2	939.4	937.2	935.0	934.4	926.6	916.3	911.1	908.9
170°	934.4	934.4	934.4	934.4	934.4	934.4	934.4	926.6	916.3	911.1	911.0
172.5°	929.5	929.0	927.1	925.3	927.1	929.0	929.5	923.4	915.2	911.1	911.1
175°	922.8	922.8	922.8	922.8	922.8	922.8	922.8	918.9	913.6	911.1	912.2
177.5°	921.5	920.9	918.8	916.6	918.8	920.9	921.5	918.5	914.4	912.3	913.3
180°	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6	916.6



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2065.3	2065.3	2065.3	2065.3	2065.3
2.5°	2039.9	2049.7	2055.5	2063.3	2082.9
5°	1961.7	1998.9	2010.6	2039.9	2075.0
7.5°	1789.8	1903.1	1934.4	2004.7	2059.5
10°	1623.7	1737.0	1791.8	1957.8	2039.9
12.5°	1539.7	1606.1	1643.3	1875.8	2012.5
15°	1487.0	1533.8	1561.2	1766.3	1981.3
17.5°	1445.9	1479.1	1498.6	1658.8	1938.3
20°	1420.5	1436.1	1453.8	1580.8	1889.5
22.5°	1402.9	1393.1	1406.8	1526.0	1823.0
25°	1391.2	1354.1	1369.8	1483.0	1744.8
27.5°	1401.0	1318.9	1324.8	1444.0	1662.8
30°	1402.9	1275.9	1277.9	1402.9	1571.0
32.5°	1389.3	1231.0	1232.9	1352.1	1467.4
35°	1356.0	1178.2	1176.3	1293.5	1326.8
37.5°	1311.1	1121.6	1121.6	1229.0	1172.4
40°	1256.4	1064.9	1070.8	1145.0	1035.6
42.5°	1189.9	1004.3	1012.1	1033.6	933.9
45°	1117.6	945.7	951.6	873.4	855.8
47.5°	1037.6	885.1	887.1	724.9	830.4
50°	941.8	822.6	814.8	621.4	828.4
52.5°	857.8	754.2	730.7	562.7	752.2
55°	775.7	681.9	631.1	517.7	697.6
57.5°	703.4	588.1	539.2	465.0	685.9
60°	637.0	496.3	459.2	408.4	629.2
62.5°	582.2	427.9	420.1	369.3	570.5
65°	523.7	381.0	379.0	336.0	484.6
67.5°	467.0	349.7	347.8	304.8	369.3
70°	406.4	316.5	312.7	271.6	273.5
72.5°	343.9	279.4	275.5	244.2	226.7
75°	281.4	236.4	234.5	213.0	183.7
77.5°	220.8	187.5	191.5	172.0	134.8
80°	158.3	136.8	140.7	123.1	101.6
82.5°	105.5	89.9	93.8	78.2	68.4
85°	58.7	50.8	52.8	41.0	31.3
87.5°	27.3	23.5	23.5	15.7	9.8
90°	27.1	17.3	16.0	11.0	6.1
92.5°	166.9	118.7	108.3	66.5	24.6
95°	410.8	231.3	212.2	135.6	59.1
97.5°	553.2	254.1	237.2	169.7	102.1
100°	605.1	273.1	257.8	196.6	135.4
102.5°	629.0	292.3	278.0	220.9	163.7
105°	646.6	320.5	308.4	260.0	211.6
107.5°	649.9	362.4	351.1	306.0	260.8
110°	644.9	385.7	375.6	334.7	294.0



TEST NUMBER: P935288

CATALOG NUMBER: SQ4-FA-100U-100D-B2750-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	645.1	414.0	404.4	365.5	326.7
115°	651.1	456.4	447.4	411.7	375.9
117.5°	663.1	497.6	489.5	457.0	424.5
120°	673.0	521.7	514.0	483.4	452.8
122.5°	687.1	550.0	542.3	511.3	480.5
125°	706.3	586.3	579.3	551.1	522.9
127.5°	725.3	621.4	614.3	585.8	557.4
130°	739.3	644.7	637.1	606.5	575.8
132.5°	750.5	663.8	656.1	625.5	594.9
135°	762.9	686.0	679.0	651.1	623.2
137.5°	781.3	714.3	707.4	679.6	652.0
140°	792.5	733.3	727.0	701.5	676.1
142.5°	802.0	747.5	741.6	718.1	694.5
145°	814.3	769.0	763.9	743.3	722.8
147.5°	832.3	796.0	791.0	771.1	751.1
150°	841.7	810.2	805.7	787.6	769.6
152.5°	848.0	819.5	816.0	802.4	788.7
155°	861.5	839.7	837.1	827.1	817.0
157.5°	875.0	860.0	857.5	847.8	837.9
160°	881.2	869.3	867.4	859.7	852.0
162.5°	887.7	879.1	877.6	871.9	866.2
165°	897.2	893.2	891.9	886.7	881.6
167.5°	904.5	901.2	900.6	898.1	895.7
170°	910.7	910.5	909.9	907.4	905.0
172.5°	911.1	911.1	911.0	910.4	909.9
175°	914.7	916.6	916.6	916.6	916.6
177.5°	915.2	916.6	916.6	916.6	916.6
180°	916.6	916.6	916.6	916.6	916.6



TEST NUMBER: P935288
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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	13.41	14.25	14.39	15.24	16.55	16.23	17.07	17.21	18.07	19.37
	3H	13.89	14.64	14.88	15.64	16.97	17.58	18.33	18.57	19.33	20.66
	4H	14.08	14.79	15.08	15.79	17.13	18.02	18.73	19.02	19.73	21.07
	6H	14.19	14.85	15.21	15.86	17.21	18.30	18.96	19.31	19.97	21.32
	8H	14.19	14.82	15.21	15.84	17.19	18.37	19.00	19.39	20.02	21.37
	12H	14.16	14.76	15.19	15.78	17.15	18.41	19.00	19.44	20.02	21.39
4H	2H	14.44	15.15	15.45	16.15	17.49	16.64	17.35	17.65	18.36	19.69
	3H	15.46	16.06	16.48	17.09	18.44	18.14	18.74	19.16	19.77	21.12
	4H	15.74	16.28	16.76	17.31	18.68	18.67	19.21	19.70	20.24	21.61
	6H	15.86	16.33	16.90	17.38	18.75	19.03	19.50	20.07	20.55	21.92
	8H	15.87	16.30	16.91	17.35	18.73	19.14	19.57	20.17	20.61	22.00
	12H	15.83	16.23	16.89	17.28	18.67	19.19	19.59	20.25	20.64	22.03
8H	4H	16.19	16.62	17.23	17.67	19.05	18.79	19.23	19.83	20.27	21.65
	6H	16.45	16.81	17.51	17.89	19.28	19.23	19.59	20.29	20.67	22.05
	8H	16.49	16.81	17.56	17.88	19.28	19.38	19.69	20.45	20.76	22.16
	12H	16.48	16.75	17.55	17.82	19.26	19.47	19.75	20.55	20.81	22.26
12H	4H	16.19	16.59	17.25	17.64	19.03	18.76	19.15	19.81	20.21	21.60
	6H	16.51	16.83	17.58	17.90	19.30	19.22	19.54	20.29	20.61	22.01
	8H	16.58	16.85	17.65	17.92	19.36	19.38	19.66	20.46	20.72	22.17