

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: P935242

Luminaire Tested: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-6500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935242
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-92765-1D-UNV-STD-W-6-6500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

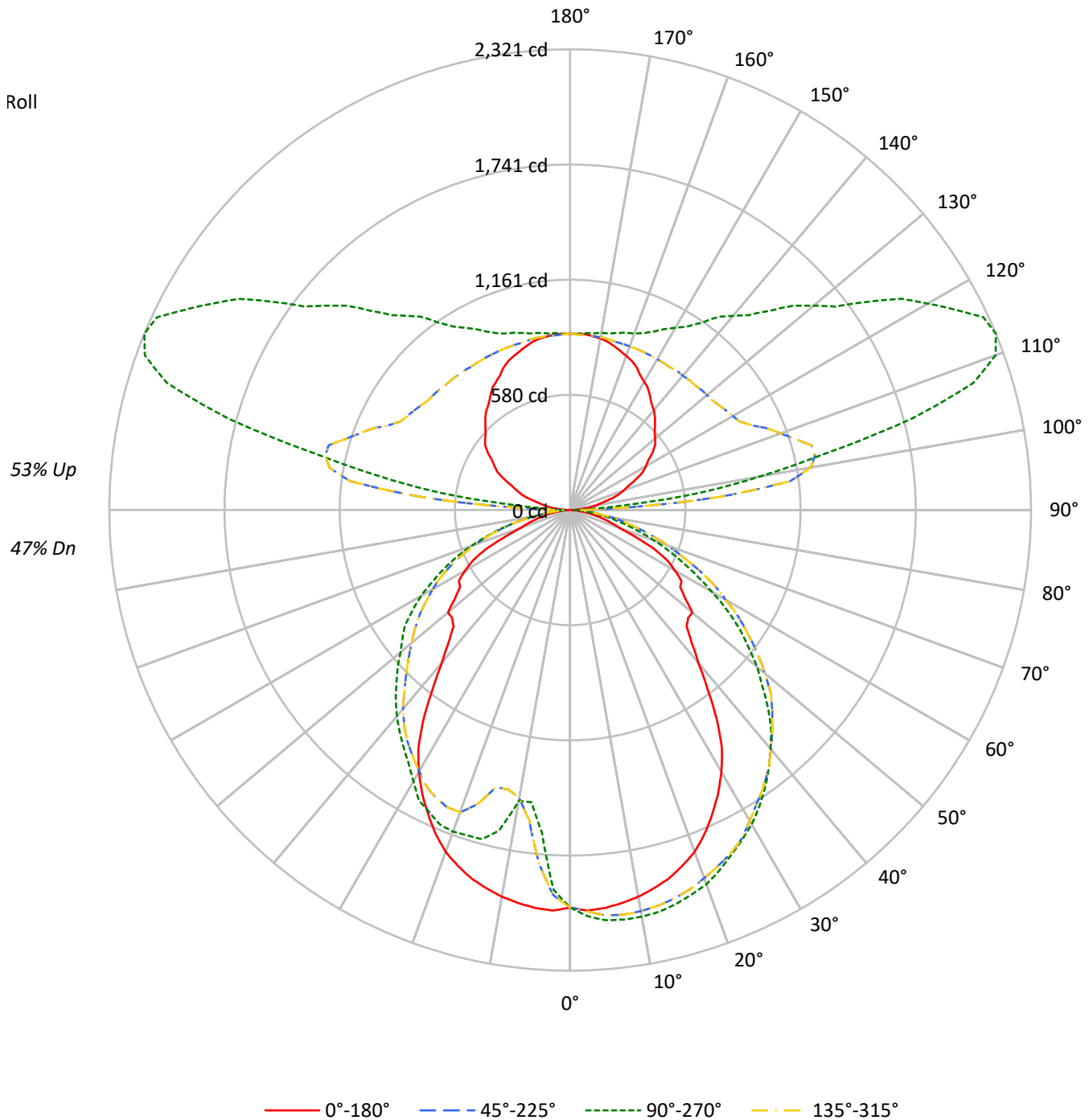
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10958.9 lumens
Efficiency: N/A
Efficacy: 126.0 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

TEST NUMBER: P935242
CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-6500K

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	50	30	10	0
RCR																					
0	107	107	107	107	98	98	98	98	82	82	82	67	67	67	54	54	54	47	47	47	47
1	97	93	89	86	89	86	82	79	72	70	67	59	58	56	48	47	46	40	40	40	40
2	89	81	75	70	81	75	70	65	63	59	56	52	49	47	42	40	38	34	34	34	34
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	28	28	28	28
4	74	63	55	49	68	58	51	46	49	44	40	41	37	34	33	30	28	24	24	24	24
5	68	56	48	42	62	52	45	39	44	39	34	37	33	29	30	27	24	21	21	21	21
6	62	50	42	36	57	47	39	34	40	34	30	33	29	26	27	24	21	19	19	19	19
7	58	45	37	32	53	42	35	30	36	30	26	30	26	23	25	21	19	16	16	16	16
8	53	41	33	28	49	38	31	27	33	27	23	28	23	20	23	19	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13	13	13	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12	12	12	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12390	12390	12390	12390
5°	12478	12507	12478	9835
10°	12390	12320	12390	8808
15°	12251	12053	12251	10064
20°	11990	11737	11990	10086
25°	11461	11276	11461	9872
30°	10779	10893	10779	9403
35°	9605	10408	9605	8887
40°	7998	9838	7998	8497
45°	7142	9171	7142	8049
50°	7581	8375	7581	7600
55°	7127	7517	7127	7340
60°	7337	6384	7337	6722
65°	6642	5278	6642	5900
70°	4587	4206	4587	4945
75°	4008	3109	4008	3724
80°	3206	2056	3206	2238
85°	1806	1089	1806	925

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10953 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.8	1.6
10°-20°	513.3	4.7
20°-30°	793.5	7.2
30°-40°	947.3	8.6
40°-50°	952.8	8.7
50°-60°	829.1	7.6
60°-70°	587.8	5.4
70°-80°	311.0	2.8
80°-90°	80.8	0.7
90°-100°	433.3	4.0
100°-110°	1139.2	10.4
110°-120°	1181.2	10.8
120°-130°	947.5	8.6
130°-140°	743.4	6.8
140°-150°	570.6	5.2
150°-160°	410.9	3.7
160°-170°	251.4	2.3
170°-180°	84.9	0.8
0°-30°	1487.6	13.6
0°-40°	2434.9	22.2
0°-60°	4216.8	38.5
0°-90°	5196.5	47.4
90°-120°	2753.7	25.1
90°-150°	5015.2	45.8
90°-180°	5762.0	52.6
0°-180°	10958.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2003	2003	2003	2003	2003	
5°	2012	2075	2012	1632	2012	191
15°	1921	2056	1921	1717	1921	541
25°	1692	1918	1692	1679	1692	777
35°	1287	1711	1287	1461	1287	796
45°	830	1410	830	1237	830	665
55°	676	1040	676	1016	676	622
65°	470	627	470	701	470	449
75°	178	298	178	356	178	187
85°	30	76	30	64	30	41
90°	6	23	6	23	6	6
95°	57	262	57	262	57	64
105°	205	1784	205	1784	205	218
115°	364	2297	364	2297	364	360
125°	507	1829	507	1829	507	450
135°	604	1419	604	1419	604	468
145°	701	1151	701	1151	701	439
155°	792	992	792	992	792	364
165°	855	924	855	924	855	241
175°	889	895	889	895	889	84
180°	889	889	889	889	889	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8
2.5°	2020.0	2020.0	2031.3	2035.1	2035.1	2029.4	2023.7	2029.4	2046.4	2052.2	2050.3
5°	2012.3	2027.5	2048.4	2052.2	2055.9	2054.0	2050.3	2054.0	2072.9	2076.8	2078.7
7.5°	1997.2	2025.6	2052.2	2057.8	2063.5	2057.8	2055.9	2059.7	2078.7	2082.5	2082.5
10°	1978.3	2018.0	2048.4	2052.2	2057.8	2052.2	2052.2	2059.7	2078.7	2082.5	2084.3
12.5°	1951.7	2006.7	2035.1	2038.9	2046.4	2044.5	2042.6	2050.3	2069.2	2072.9	2072.9
15°	1921.4	1985.8	2012.3	2016.1	2029.4	2025.6	2025.6	2033.2	2054.0	2059.7	2057.8
17.5°	1879.7	1959.2	1989.6	1995.3	2004.8	2002.8	2004.8	2012.3	2031.3	2035.1	2037.0
20°	1832.4	1923.3	1959.2	1965.0	1974.4	1974.4	1974.4	1983.9	2002.8	2010.5	2010.5
22.5°	1767.9	1885.4	1923.3	1927.1	1938.5	1938.5	1942.2	1955.5	1972.5	1974.4	1974.4
25°	1692.1	1843.7	1876.0	1887.2	1898.6	1904.4	1910.0	1917.6	1923.3	1921.4	1923.3
27.5°	1612.5	1790.7	1832.4	1839.9	1855.1	1860.8	1868.3	1870.2	1872.1	1877.8	1874.0
30°	1523.5	1716.7	1779.3	1786.8	1811.5	1815.2	1807.7	1811.5	1821.0	1824.8	1828.5
32.5°	1423.0	1606.9	1724.3	1741.4	1764.1	1752.7	1750.9	1756.5	1771.7	1771.7	1775.5
35°	1286.7	1521.6	1673.1	1688.3	1705.4	1692.1	1699.7	1701.5	1711.0	1716.7	1714.8
37.5°	1136.9	1447.7	1620.1	1631.5	1644.7	1627.7	1639.0	1644.7	1652.3	1648.6	1648.6
40°	1004.3	1332.1	1557.5	1565.2	1576.6	1563.3	1574.7	1578.4	1582.2	1578.4	1576.6
42.5°	905.7	1205.1	1491.3	1500.7	1493.2	1502.7	1506.4	1514.0	1508.3	1500.7	1500.7
45°	830.0	1171.0	1419.3	1430.7	1419.3	1434.4	1440.1	1440.1	1423.0	1419.3	1417.4
47.5°	805.3	1102.8	1347.3	1347.3	1341.5	1360.5	1369.9	1356.7	1339.6	1334.0	1334.0
50°	803.4	1027.0	1248.7	1241.1	1267.6	1290.4	1280.9	1267.6	1254.4	1233.6	1233.6
52.5°	729.5	934.2	1121.7	1150.2	1191.9	1205.1	1190.0	1176.7	1153.9	1144.5	1136.9
55°	676.5	837.5	1006.2	1063.0	1106.6	1123.6	1095.2	1081.9	1047.9	1042.2	1038.4
57.5°	665.1	697.4	900.1	972.1	1025.1	1023.2	1006.2	981.5	953.1	947.4	945.6
60°	610.1	504.0	786.4	871.7	926.6	920.9	905.7	883.0	856.5	852.7	848.9
62.5°	553.3	365.7	657.5	754.1	831.9	830.0	816.7	782.5	763.6	754.1	746.6
65°	470.0	306.9	468.1	627.2	739.0	742.8	714.4	689.7	668.9	657.5	655.7
67.5°	358.1	250.1	316.4	522.9	649.9	646.2	610.1	598.8	572.3	566.5	555.2
70°	265.2	166.8	219.8	424.5	562.8	553.3	524.9	511.7	487.0	473.7	466.1
72.5°	219.8	134.5	161.0	329.7	473.7	462.3	437.7	422.5	401.7	390.3	382.8
75°	178.1	142.1	123.2	244.4	384.7	377.1	354.4	339.2	322.1	306.9	308.9
77.5°	130.7	132.6	98.5	180.1	305.0	293.7	280.5	261.5	253.9	238.8	238.8
80°	98.5	104.2	73.9	123.2	219.8	219.8	208.5	195.2	181.9	174.3	174.3
82.5°	66.4	66.4	55.0	77.6	149.7	144.0	136.4	132.6	125.1	121.2	121.2
85°	30.3	37.9	34.1	47.3	81.5	85.3	85.3	81.5	79.6	75.8	77.6
87.5°	9.5	17.0	20.8	26.5	41.7	43.6	45.5	45.5	45.5	47.3	47.3
90°	5.9	10.7	15.5	16.7	26.3	39.0	45.3	40.3	30.2	22.7	22.7
92.5°	23.9	64.4	105.0	115.1	161.9	224.1	255.3	223.7	160.6	113.3	108.8
95°	57.3	131.5	205.8	224.3	398.4	630.3	746.3	666.0	505.3	384.8	371.1
97.5°	99.1	164.6	230.1	246.4	536.5	923.4	1116.8	1066.1	964.5	888.3	862.3
100°	131.3	190.7	250.0	264.9	586.8	1016.1	1230.7	1234.4	1241.9	1247.4	1216.5
102.5°	158.7	214.2	269.6	283.4	610.0	1045.3	1262.9	1327.7	1457.0	1554.1	1527.6
105°	205.2	252.1	299.1	310.9	627.1	1048.7	1259.4	1404.5	1694.5	1912.0	1897.8
107.5°	252.9	296.7	340.5	351.4	630.2	1001.9	1187.8	1390.1	1794.7	2098.2	2101.6
110°	285.1	324.6	364.2	374.1	625.4	960.6	1128.1	1354.3	1806.6	2145.9	2160.7



TEST NUMBER: P935242

CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	316.8	354.5	392.1	401.5	625.6	924.4	1073.8	1305.3	1768.3	2115.5	2138.2
115°	364.5	399.2	433.9	442.6	631.4	882.9	1008.8	1231.8	1677.8	2012.3	2044.0
117.5°	411.6	443.2	474.7	482.6	643.0	857.0	964.0	1165.3	1567.8	1869.6	1904.7
120°	439.1	468.8	498.5	505.9	652.7	848.3	946.2	1130.0	1497.8	1773.6	1807.7
122.5°	466.0	495.9	525.9	533.4	666.4	843.7	932.5	1098.1	1429.2	1677.5	1711.2
125°	507.1	534.4	561.8	568.6	684.9	840.0	917.6	1058.2	1339.5	1550.6	1581.5
127.5°	540.5	568.1	595.7	602.6	703.4	837.8	905.0	1025.8	1267.3	1448.5	1474.6
130°	558.4	588.2	617.8	625.3	717.0	839.2	900.3	1007.7	1222.8	1384.1	1408.2
132.5°	576.9	606.6	636.3	643.7	727.9	840.0	896.0	992.3	1184.8	1329.2	1350.8
135°	604.3	631.4	658.4	665.2	739.8	839.2	888.9	969.5	1130.7	1251.7	1270.3
137.5°	632.3	659.1	686.0	692.7	757.7	844.4	887.7	955.9	1092.2	1194.4	1209.6
140°	655.7	680.3	705.0	711.1	768.6	845.2	883.5	942.4	1060.1	1148.4	1162.6
142.5°	673.5	696.4	719.2	724.9	777.8	848.2	883.5	935.3	1038.6	1116.2	1128.4
145°	701.0	720.9	740.8	745.7	789.7	848.3	877.6	919.9	1004.5	1067.9	1077.2
147.5°	728.4	747.7	767.1	771.9	807.1	854.1	877.6	910.9	977.4	1027.3	1035.0
150°	746.3	763.8	781.3	785.7	816.3	857.1	877.6	905.7	961.8	1004.0	1010.2
152.5°	764.9	778.1	791.3	794.7	822.3	859.1	877.6	901.6	949.6	985.5	990.2
155°	792.3	802.1	811.8	814.3	835.4	863.5	877.6	896.7	934.9	963.5	966.6
157.5°	812.6	822.1	831.6	834.0	848.5	867.9	877.6	892.4	922.2	944.4	946.6
160°	826.2	833.7	841.2	843.0	854.5	869.9	877.6	890.3	915.7	934.9	936.1
162.5°	840.0	845.6	851.1	852.5	860.9	872.0	877.6	888.3	909.8	925.9	927.0
165°	854.9	859.9	865.0	866.2	870.0	875.1	877.6	885.2	900.6	912.2	913.5
167.5°	868.6	871.0	873.4	874.0	877.1	881.4	883.5	888.6	898.6	906.2	906.8
170°	877.6	880.0	882.4	882.9	883.1	883.4	883.5	888.6	898.6	906.2	906.2
172.5°	882.4	882.9	883.4	883.5	883.5	883.5	883.5	887.5	895.5	901.4	900.9
175°	888.9	888.9	888.9	888.9	887.1	884.7	883.5	886.0	891.1	894.9	894.9
177.5°	888.9	888.9	888.9	888.9	887.5	885.7	884.8	886.8	890.7	893.7	893.1
180°	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8
2.5°	2054.0	2048.4	2054.0	2050.3	2052.2	2046.4	2029.4	2023.7	2029.4	2035.1	2035.1
5°	2078.7	2074.8	2078.7	2078.7	2076.8	2072.9	2054.0	2050.3	2054.0	2055.9	2052.2
7.5°	2086.2	2080.6	2086.2	2082.5	2082.5	2078.7	2059.7	2055.9	2057.8	2063.5	2057.8
10°	2086.2	2080.6	2086.2	2084.3	2082.5	2078.7	2059.7	2052.2	2052.2	2057.8	2052.2
12.5°	2076.8	2072.9	2076.8	2072.9	2072.9	2069.2	2050.3	2042.6	2044.5	2046.4	2038.9
15°	2061.6	2055.9	2061.6	2057.8	2059.7	2054.0	2033.2	2025.6	2025.6	2029.4	2016.1
17.5°	2038.9	2031.3	2038.9	2037.0	2035.1	2031.3	2012.3	2004.8	2002.8	2004.8	1995.3
20°	2012.3	2006.7	2012.3	2010.5	2010.5	2002.8	1983.9	1974.4	1974.4	1974.4	1965.0
22.5°	1970.6	1965.0	1970.6	1974.4	1974.4	1972.5	1955.5	1942.2	1938.5	1938.5	1927.1
25°	1923.3	1917.6	1923.3	1923.3	1921.4	1923.3	1917.6	1910.0	1904.4	1898.6	1887.2
27.5°	1877.8	1874.0	1877.8	1874.0	1877.8	1872.1	1870.2	1868.3	1860.8	1855.1	1839.9
30°	1832.4	1828.5	1832.4	1828.5	1824.8	1821.0	1811.5	1807.7	1815.2	1811.5	1786.8
32.5°	1775.5	1771.7	1775.5	1775.5	1771.7	1771.7	1756.5	1750.9	1752.7	1764.1	1741.4
35°	1716.7	1711.0	1716.7	1714.8	1716.7	1711.0	1701.5	1699.7	1692.1	1705.4	1688.3
37.5°	1648.6	1642.8	1648.6	1648.6	1648.6	1652.3	1644.7	1639.0	1627.7	1644.7	1631.5
40°	1578.4	1570.8	1578.4	1576.6	1578.4	1582.2	1578.4	1574.7	1563.3	1576.6	1565.2
42.5°	1498.8	1496.9	1498.8	1500.7	1500.7	1508.3	1514.0	1506.4	1502.7	1493.2	1500.7
45°	1413.5	1409.8	1413.5	1417.4	1419.3	1423.0	1440.1	1440.1	1434.4	1419.3	1430.7
47.5°	1322.6	1313.1	1322.6	1334.0	1334.0	1339.6	1356.7	1369.9	1360.5	1341.5	1347.3
50°	1225.9	1227.8	1225.9	1233.6	1233.6	1254.4	1267.6	1280.9	1290.4	1267.6	1241.1
52.5°	1131.3	1129.4	1131.3	1136.9	1144.5	1153.9	1176.7	1190.0	1205.1	1191.9	1150.2
55°	1036.5	1040.2	1036.5	1038.4	1042.2	1047.9	1081.9	1095.2	1123.6	1106.6	1063.0
57.5°	941.8	936.0	941.8	945.6	947.4	953.1	981.5	1006.2	1023.2	1025.1	972.1
60°	831.9	824.2	831.9	848.9	852.7	856.5	883.0	905.7	920.9	926.6	871.7
62.5°	735.2	721.9	735.2	746.6	754.1	763.6	782.5	816.7	830.0	831.9	754.1
65°	632.9	627.2	632.9	655.7	657.5	668.9	689.7	714.4	742.8	739.0	627.2
67.5°	540.1	540.1	540.1	555.2	566.5	572.3	598.8	610.1	646.2	649.9	522.9
70°	454.8	452.9	454.8	466.1	473.7	487.0	511.7	524.9	553.3	562.8	424.5
72.5°	373.3	371.4	373.3	382.8	390.3	401.7	422.5	437.7	462.3	473.7	329.7
75°	301.3	297.5	301.3	308.9	306.9	322.1	339.2	354.4	377.1	384.7	244.4
77.5°	231.2	231.2	231.2	238.8	238.8	253.9	261.5	280.5	293.7	305.0	180.1
80°	172.4	170.6	172.4	174.3	174.3	181.9	195.2	208.5	219.8	219.8	123.2
82.5°	121.2	117.5	121.2	121.2	121.2	125.1	132.6	136.4	144.0	149.7	77.6
85°	75.8	75.8	75.8	77.6	75.8	79.6	81.5	85.3	85.3	81.5	47.3
87.5°	49.2	47.3	49.2	47.3	47.3	45.5	45.5	45.5	43.6	41.7	26.5
90°	22.7	22.7	22.7	22.7	22.7	30.2	40.3	45.3	39.0	26.3	16.7
92.5°	90.7	72.8	90.7	108.8	113.3	160.6	223.7	255.3	224.1	161.9	115.1
95°	316.5	261.9	316.5	371.1	384.8	505.3	666.0	746.3	630.3	398.4	224.3
97.5°	758.4	654.4	758.4	862.3	888.3	964.5	1066.1	1116.8	923.4	536.5	246.4
100°	1092.6	968.8	1092.6	1216.5	1247.4	1241.9	1234.4	1230.7	1016.1	586.8	264.9
102.5°	1421.5	1315.4	1421.5	1527.6	1554.1	1457.0	1327.7	1262.9	1045.3	610.0	283.4
105°	1840.8	1783.8	1840.8	1897.8	1912.0	1694.5	1404.5	1259.4	1048.7	627.1	310.9
107.5°	2115.5	2129.3	2115.5	2101.6	2098.2	1794.7	1390.1	1187.8	1001.9	630.2	351.4
110°	2220.2	2279.6	2220.2	2160.7	2145.9	1806.6	1354.3	1128.1	960.6	625.4	374.1



TEST NUMBER: P935242

CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2229.5	2320.7	2229.5	2138.2	2115.5	1768.3	1305.3	1073.8	924.4	625.6	401.5
115°	2170.4	2296.9	2170.4	2044.0	2012.3	1677.8	1231.8	1008.8	882.9	631.4	442.6
117.5°	2045.0	2185.3	2045.0	1904.7	1869.6	1567.8	1165.3	964.0	857.0	643.0	482.6
120°	1944.0	2080.3	1944.0	1807.7	1773.6	1497.8	1130.0	946.2	848.3	652.7	505.9
122.5°	1845.6	1980.1	1845.6	1711.2	1677.5	1429.2	1098.1	932.5	843.7	666.4	533.4
125°	1705.3	1829.1	1705.3	1581.5	1550.6	1339.5	1058.2	917.6	840.0	684.9	568.6
127.5°	1579.2	1683.6	1579.2	1474.6	1448.5	1267.3	1025.8	905.0	837.8	703.4	602.6
130°	1504.8	1601.2	1504.8	1408.2	1384.1	1222.8	1007.7	900.3	839.2	717.0	625.3
132.5°	1437.3	1523.7	1437.3	1350.8	1329.2	1184.8	992.3	896.0	840.0	727.9	643.7
135°	1344.8	1419.3	1344.8	1270.3	1251.7	1130.7	969.5	888.9	839.2	739.8	665.2
137.5°	1270.6	1331.6	1270.6	1209.6	1194.4	1092.2	955.9	887.7	844.4	757.7	692.7
140°	1219.7	1276.7	1219.7	1162.6	1148.4	1060.1	942.4	883.5	845.2	768.6	711.1
142.5°	1177.6	1226.6	1177.6	1128.4	1116.2	1038.6	935.3	883.5	848.2	777.8	724.9
145°	1114.3	1151.4	1114.3	1077.2	1067.9	1004.5	919.9	877.6	848.3	789.7	745.7
147.5°	1065.8	1096.6	1065.8	1035.0	1027.3	977.4	910.9	877.6	854.1	807.1	771.9
150°	1035.2	1060.1	1035.2	1010.2	1004.0	961.8	905.7	877.6	857.1	816.3	785.7
152.5°	1009.1	1027.9	1009.1	990.2	985.5	949.6	901.6	877.6	859.1	822.3	794.7
155°	979.0	991.5	979.0	966.6	963.5	934.9	896.7	877.6	863.5	835.4	814.3
157.5°	955.3	964.0	955.3	946.6	944.4	922.2	892.4	877.6	867.9	848.5	834.0
160°	941.2	946.2	941.2	936.1	934.9	915.7	890.3	877.6	869.9	854.5	843.0
162.5°	931.8	936.6	931.8	927.0	925.9	909.8	888.3	877.6	872.0	860.9	852.5
165°	918.5	923.5	918.5	913.5	912.2	900.6	885.2	877.6	875.1	870.0	866.2
167.5°	908.9	911.0	908.9	906.8	906.2	898.6	888.6	883.5	881.4	877.1	874.0
170°	906.2	906.2	906.2	906.2	906.2	898.6	888.6	883.5	883.4	883.1	882.9
172.5°	899.1	897.3	899.1	900.9	901.4	895.5	887.5	883.5	883.5	883.5	883.5
175°	894.9	894.9	894.9	894.9	894.9	891.1	886.0	883.5	884.7	887.1	888.9
177.5°	891.0	888.9	891.0	893.1	893.7	890.7	886.8	884.8	885.7	887.5	888.9
180°	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9



TEST NUMBER: P935242

CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8
2.5°	2031.3	2020.0	2020.0	2000.9	1993.4	1987.7	1978.3	1949.8	1942.2	1934.7	1946.0
5°	2048.4	2027.5	2012.3	1978.3	1949.8	1938.5	1902.4	1834.3	1788.8	1754.6	1735.7
7.5°	2052.2	2025.6	1997.2	1944.1	1876.0	1845.5	1735.7	1610.6	1576.6	1546.2	1527.2
10°	2048.4	2018.0	1978.3	1898.6	1737.6	1684.5	1574.7	1493.2	1472.3	1466.6	1472.3
12.5°	2035.1	2006.7	1951.7	1819.1	1593.6	1557.5	1493.2	1445.8	1442.0	1451.5	1502.7
15°	2012.3	1985.8	1921.4	1712.9	1514.0	1487.5	1442.0	1424.9	1445.8	1512.1	1665.6
17.5°	1989.6	1959.2	1879.7	1608.7	1453.3	1434.4	1402.2	1436.3	1553.8	1642.8	1694.0
20°	1959.2	1923.3	1832.4	1533.0	1409.8	1392.7	1377.6	1531.1	1620.1	1652.3	1680.7
22.5°	1923.3	1885.4	1767.9	1479.9	1364.3	1351.0	1360.5	1584.1	1620.1	1642.8	1667.5
25°	1876.0	1843.7	1692.1	1438.2	1328.3	1313.1	1349.2	1578.4	1599.2	1605.0	1654.2
27.5°	1832.4	1790.7	1612.5	1400.3	1284.7	1279.0	1358.7	1553.8	1568.9	1574.7	1627.7
30°	1779.3	1716.7	1523.5	1360.5	1239.2	1237.3	1360.5	1523.5	1519.7	1534.9	1587.9
32.5°	1724.3	1606.9	1423.0	1311.2	1195.6	1193.8	1347.3	1478.0	1474.2	1495.0	1534.9
35°	1673.1	1521.6	1286.7	1254.4	1140.7	1142.6	1315.1	1424.9	1426.8	1445.8	1470.4
37.5°	1620.1	1447.7	1136.9	1191.9	1087.7	1087.7	1271.4	1375.7	1371.9	1377.6	1411.6
40°	1557.5	1332.1	1004.3	1110.4	1038.4	1032.7	1218.4	1322.6	1309.3	1307.5	1354.8
42.5°	1491.3	1205.1	905.7	1002.4	981.5	974.0	1153.9	1258.2	1233.6	1239.2	1299.8
45°	1419.3	1171.0	830.0	847.0	922.8	917.1	1083.8	1184.2	1167.2	1182.4	1245.0
47.5°	1347.3	1102.8	805.3	703.0	860.3	858.4	1006.2	1112.2	1102.8	1118.0	1184.2
50°	1248.7	1027.0	803.4	602.6	790.2	797.8	913.4	1042.2	1042.2	1055.4	1125.5
52.5°	1121.7	934.2	729.5	545.7	708.6	731.4	831.9	981.5	985.4	998.6	1061.1
55°	1006.2	837.5	676.5	502.1	612.1	661.3	752.2	919.0	926.6	939.8	996.7
57.5°	900.1	697.4	665.1	450.9	522.9	570.4	682.1	858.4	862.2	873.6	928.5
60°	786.4	504.0	610.1	396.1	445.3	481.3	617.7	786.4	799.7	807.2	854.5
62.5°	657.5	365.7	553.3	358.1	407.4	415.0	564.6	718.2	735.2	740.9	769.4
65°	468.1	306.9	470.0	325.9	367.6	369.5	507.8	648.0	663.2	672.7	693.5
67.5°	316.4	250.1	358.1	295.6	337.2	339.2	452.9	566.5	587.4	594.9	608.2
70°	219.8	166.8	265.2	263.4	303.2	306.9	394.1	492.6	511.7	517.3	524.9
72.5°	161.0	134.5	219.8	236.8	267.2	271.0	333.5	409.3	428.3	433.9	437.7
75°	123.2	142.1	178.1	206.5	227.4	229.3	272.9	333.5	346.7	350.5	352.5
77.5°	98.5	132.6	130.7	166.8	185.7	181.9	214.1	257.7	269.1	269.1	269.1
80°	73.9	104.2	98.5	119.3	136.4	132.6	153.5	183.8	187.6	191.3	189.5
82.5°	55.0	66.4	66.4	75.8	90.9	87.2	102.3	119.3	119.3	119.3	123.2
85°	34.1	37.9	30.3	39.8	51.2	49.2	56.9	64.4	66.4	66.4	62.5
87.5°	20.8	17.0	9.5	15.2	22.8	22.8	26.5	28.4	26.5	26.5	26.5
90°	15.5	10.7	5.9	10.7	15.5	16.7	26.3	39.0	45.3	40.3	30.2
92.5°	105.0	64.4	23.9	64.4	105.0	115.1	161.9	224.1	255.3	223.7	160.6
95°	205.8	131.5	57.3	131.5	205.8	224.3	398.4	630.3	746.3	666.0	505.3
97.5°	230.1	164.6	99.1	164.6	230.1	246.4	536.5	923.4	1116.8	1066.1	964.5
100°	250.0	190.7	131.3	190.7	250.0	264.9	586.8	1016.1	1230.7	1234.4	1241.9
102.5°	269.6	214.2	158.7	214.2	269.6	283.4	610.0	1045.3	1262.9	1327.7	1457.0
105°	299.1	252.1	205.2	252.1	299.1	310.9	627.1	1048.7	1259.4	1404.5	1694.5
107.5°	340.5	296.7	252.9	296.7	340.5	351.4	630.2	1001.9	1187.8	1390.1	1794.7
110°	364.2	324.6	285.1	324.6	364.2	374.1	625.4	960.6	1128.1	1354.3	1806.6



TEST NUMBER: P935242

CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	392.1	354.5	316.8	354.5	392.1	401.5	625.6	924.4	1073.8	1305.3	1768.3
115°	433.9	399.2	364.5	399.2	433.9	442.6	631.4	882.9	1008.8	1231.8	1677.8
117.5°	474.7	443.2	411.6	443.2	474.7	482.6	643.0	857.0	964.0	1165.3	1567.8
120°	498.5	468.8	439.1	468.8	498.5	505.9	652.7	848.3	946.2	1130.0	1497.8
122.5°	525.9	495.9	466.0	495.9	525.9	533.4	666.4	843.7	932.5	1098.1	1429.2
125°	561.8	534.4	507.1	534.4	561.8	568.6	684.9	840.0	917.6	1058.2	1339.5
127.5°	595.7	568.1	540.5	568.1	595.7	602.6	703.4	837.8	905.0	1025.8	1267.3
130°	617.8	588.2	558.4	588.2	617.8	625.3	717.0	839.2	900.3	1007.7	1222.8
132.5°	636.3	606.6	576.9	606.6	636.3	643.7	727.9	840.0	896.0	992.3	1184.8
135°	658.4	631.4	604.3	631.4	658.4	665.2	739.8	839.2	888.9	969.5	1130.7
137.5°	686.0	659.1	632.3	659.1	686.0	692.7	757.7	844.4	887.7	955.9	1092.2
140°	705.0	680.3	655.7	680.3	705.0	711.1	768.6	845.2	883.5	942.4	1060.1
142.5°	719.2	696.4	673.5	696.4	719.2	724.9	777.8	848.2	883.5	935.3	1038.6
145°	740.8	720.9	701.0	720.9	740.8	745.7	789.7	848.3	877.6	919.9	1004.5
147.5°	767.1	747.7	728.4	747.7	767.1	771.9	807.1	854.1	877.6	910.9	977.4
150°	781.3	763.8	746.3	763.8	781.3	785.7	816.3	857.1	877.6	905.7	961.8
152.5°	791.3	778.1	764.9	778.1	791.3	794.7	822.3	859.1	877.6	901.6	949.6
155°	811.8	802.1	792.3	802.1	811.8	814.3	835.4	863.5	877.6	896.7	934.9
157.5°	831.6	822.1	812.6	822.1	831.6	834.0	848.5	867.9	877.6	892.4	922.2
160°	841.2	833.7	826.2	833.7	841.2	843.0	854.5	869.9	877.6	890.3	915.7
162.5°	851.1	845.6	840.0	845.6	851.1	852.5	860.9	872.0	877.6	888.3	909.8
165°	865.0	859.9	854.9	859.9	865.0	866.2	870.0	875.1	877.6	885.2	900.6
167.5°	873.4	871.0	868.6	871.0	873.4	874.0	877.1	881.4	883.5	888.6	898.6
170°	882.4	880.0	877.6	880.0	882.4	882.9	883.1	883.4	883.5	888.6	898.6
172.5°	883.4	882.9	882.4	882.9	883.4	883.5	883.5	883.5	883.5	887.5	895.5
175°	888.9	888.9	888.9	888.9	888.9	888.9	887.1	884.7	883.5	886.0	891.1
177.5°	888.9	888.9	888.9	888.9	888.9	888.9	887.5	885.7	884.8	886.8	890.7
180°	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9



TEST NUMBER: P935242

CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8
2.5°	1932.8	1927.1	1934.7	1913.8	1934.7	1927.1	1932.8	1946.0	1934.7	1942.2	1949.8
5°	1695.9	1686.4	1656.1	1631.5	1656.1	1686.4	1695.9	1735.7	1754.6	1788.8	1834.3
7.5°	1515.9	1508.3	1500.7	1485.5	1500.7	1508.3	1515.9	1527.2	1546.2	1576.6	1610.6
10°	1476.1	1478.0	1489.4	1487.5	1489.4	1478.0	1476.1	1472.3	1466.6	1472.3	1493.2
12.5°	1578.4	1595.5	1658.0	1654.2	1658.0	1595.5	1578.4	1502.7	1451.5	1442.0	1445.8
15°	1695.9	1701.5	1714.8	1716.7	1714.8	1701.5	1695.9	1665.6	1512.1	1445.8	1424.9
17.5°	1707.3	1709.2	1718.7	1718.7	1718.7	1709.2	1707.3	1694.0	1642.8	1553.8	1436.3
20°	1697.8	1701.5	1720.6	1724.3	1720.6	1701.5	1697.8	1680.7	1652.3	1620.1	1531.1
22.5°	1694.0	1701.5	1716.7	1714.8	1716.7	1701.5	1694.0	1667.5	1642.8	1620.1	1584.1
25°	1675.1	1675.1	1677.0	1678.9	1677.0	1675.1	1675.1	1654.2	1605.0	1599.2	1578.4
27.5°	1635.3	1639.0	1650.4	1648.6	1650.4	1639.0	1635.3	1627.7	1574.7	1568.9	1553.8
30°	1599.2	1595.5	1586.0	1578.4	1586.0	1595.5	1599.2	1587.9	1534.9	1519.7	1523.5
32.5°	1538.6	1529.1	1519.7	1514.0	1519.7	1529.1	1538.6	1534.9	1495.0	1474.2	1478.0
35°	1466.6	1468.5	1466.6	1461.0	1466.6	1468.5	1466.6	1470.4	1445.8	1426.8	1424.9
37.5°	1415.5	1419.3	1417.4	1409.8	1417.4	1419.3	1415.5	1411.6	1377.6	1371.9	1375.7
40°	1362.4	1364.3	1362.4	1356.7	1362.4	1364.3	1362.4	1354.8	1307.5	1309.3	1322.6
42.5°	1311.2	1309.3	1303.7	1299.8	1303.7	1309.3	1311.2	1299.8	1239.2	1233.6	1258.2
45°	1252.5	1254.4	1243.1	1237.3	1243.1	1254.4	1252.5	1245.0	1182.4	1167.2	1184.2
47.5°	1193.8	1193.8	1184.2	1178.6	1184.2	1193.8	1193.8	1184.2	1118.0	1102.8	1112.2
50°	1131.3	1129.4	1116.1	1114.2	1116.1	1129.4	1131.3	1125.5	1055.4	1042.2	1042.2
52.5°	1059.3	1059.3	1061.1	1064.9	1061.1	1059.3	1059.3	1061.1	998.6	985.4	981.5
55°	996.7	998.6	1011.8	1015.7	1011.8	998.6	996.7	996.7	939.8	926.6	919.0
57.5°	932.3	932.3	941.8	941.8	941.8	932.3	932.3	928.5	873.6	862.2	858.4
60°	858.4	862.2	869.8	867.8	869.8	862.2	858.4	854.5	807.2	799.7	786.4
62.5°	780.6	784.5	786.4	782.5	786.4	784.5	780.6	769.4	740.9	735.2	718.2
65°	699.2	703.0	704.9	701.1	704.9	703.0	699.2	693.5	672.7	663.2	648.0
67.5°	615.8	614.0	612.1	619.6	612.1	614.0	615.8	608.2	594.9	587.4	566.5
70°	530.6	530.6	528.7	532.4	528.7	530.6	530.6	524.9	517.3	511.7	492.6
72.5°	439.6	437.7	445.3	439.6	445.3	437.7	439.6	437.7	433.9	428.3	409.3
75°	350.5	354.4	350.5	356.3	350.5	354.4	350.5	352.5	350.5	346.7	333.5
77.5°	267.2	271.0	267.2	267.2	267.2	271.0	267.2	269.1	269.1	269.1	257.7
80°	189.5	187.6	187.6	185.7	187.6	187.6	189.5	189.5	191.3	187.6	183.8
82.5°	121.2	119.3	119.3	123.2	119.3	119.3	121.2	123.2	119.3	119.3	119.3
85°	66.4	68.2	64.4	64.4	64.4	68.2	66.4	62.5	66.4	66.4	64.4
87.5°	24.7	22.8	22.8	22.8	22.8	22.8	24.7	26.5	26.5	26.5	28.4
90°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	30.2	40.3	45.3	39.0
92.5°	113.3	108.8	90.7	72.8	90.7	108.8	113.3	160.6	223.7	255.3	224.1
95°	384.8	371.1	316.5	261.9	316.5	371.1	384.8	505.3	666.0	746.3	630.3
97.5°	888.3	862.3	758.4	654.4	758.4	862.3	888.3	964.5	1066.1	1116.8	923.4
100°	1247.4	1216.5	1092.6	968.8	1092.6	1216.5	1247.4	1241.9	1234.4	1230.7	1016.1
102.5°	1554.1	1527.6	1421.5	1315.4	1421.5	1527.6	1554.1	1457.0	1327.7	1262.9	1045.3
105°	1912.0	1897.8	1840.8	1783.8	1840.8	1897.8	1912.0	1694.5	1404.5	1259.4	1048.7
107.5°	2098.2	2101.6	2115.5	2129.3	2115.5	2101.6	2098.2	1794.7	1390.1	1187.8	1001.9
110°	2145.9	2160.7	2220.2	2279.6	2220.2	2160.7	2145.9	1806.6	1354.3	1128.1	960.6



TEST NUMBER: P935242

CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2115.5	2138.2	2229.5	2320.7	2229.5	2138.2	2115.5	1768.3	1305.3	1073.8	924.4
115°	2012.3	2044.0	2170.4	2296.9	2170.4	2044.0	2012.3	1677.8	1231.8	1008.8	882.9
117.5°	1869.6	1904.7	2045.0	2185.3	2045.0	1904.7	1869.6	1567.8	1165.3	964.0	857.0
120°	1773.6	1807.7	1944.0	2080.3	1944.0	1807.7	1773.6	1497.8	1130.0	946.2	848.3
122.5°	1677.5	1711.2	1845.6	1980.1	1845.6	1711.2	1677.5	1429.2	1098.1	932.5	843.7
125°	1550.6	1581.5	1705.3	1829.1	1705.3	1581.5	1550.6	1339.5	1058.2	917.6	840.0
127.5°	1448.5	1474.6	1579.2	1683.6	1579.2	1474.6	1448.5	1267.3	1025.8	905.0	837.8
130°	1384.1	1408.2	1504.8	1601.2	1504.8	1408.2	1384.1	1222.8	1007.7	900.3	839.2
132.5°	1329.2	1350.8	1437.3	1523.7	1437.3	1350.8	1329.2	1184.8	992.3	896.0	840.0
135°	1251.7	1270.3	1344.8	1419.3	1344.8	1270.3	1251.7	1130.7	969.5	888.9	839.2
137.5°	1194.4	1209.6	1270.6	1331.6	1270.6	1209.6	1194.4	1092.2	955.9	887.7	844.4
140°	1148.4	1162.6	1219.7	1276.7	1219.7	1162.6	1148.4	1060.1	942.4	883.5	845.2
142.5°	1116.2	1128.4	1177.6	1226.6	1177.6	1128.4	1116.2	1038.6	935.3	883.5	848.2
145°	1067.9	1077.2	1114.3	1151.4	1114.3	1077.2	1067.9	1004.5	919.9	877.6	848.3
147.5°	1027.3	1035.0	1065.8	1096.6	1065.8	1035.0	1027.3	977.4	910.9	877.6	854.1
150°	1004.0	1010.2	1035.2	1060.1	1035.2	1010.2	1004.0	961.8	905.7	877.6	857.1
152.5°	985.5	990.2	1009.1	1027.9	1009.1	990.2	985.5	949.6	901.6	877.6	859.1
155°	963.5	966.6	979.0	991.5	979.0	966.6	963.5	934.9	896.7	877.6	863.5
157.5°	944.4	946.6	955.3	964.0	955.3	946.6	944.4	922.2	892.4	877.6	867.9
160°	934.9	936.1	941.2	946.2	941.2	936.1	934.9	915.7	890.3	877.6	869.9
162.5°	925.9	927.0	931.8	936.6	931.8	927.0	925.9	909.8	888.3	877.6	872.0
165°	912.2	913.5	918.5	923.5	918.5	913.5	912.2	900.6	885.2	877.6	875.1
167.5°	906.2	906.8	908.9	911.0	908.9	906.8	906.2	898.6	888.6	883.5	881.4
170°	906.2	906.2	906.2	906.2	906.2	906.2	906.2	898.6	888.6	883.5	883.4
172.5°	901.4	900.9	899.1	897.3	899.1	900.9	901.4	895.5	887.5	883.5	883.5
175°	894.9	894.9	894.9	894.9	894.9	894.9	894.9	891.1	886.0	883.5	884.7
177.5°	893.7	893.1	891.0	888.9	891.0	893.1	893.7	890.7	886.8	884.8	885.7
180°	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9	888.9



TEST NUMBER: P935242

CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2002.8	2002.8	2002.8	2002.8	2002.8
2.5°	1978.3	1987.7	1993.4	2000.9	2020.0
5°	1902.4	1938.5	1949.8	1978.3	2012.3
7.5°	1735.7	1845.5	1876.0	1944.1	1997.2
10°	1574.7	1684.5	1737.6	1898.6	1978.3
12.5°	1493.2	1557.5	1593.6	1819.1	1951.7
15°	1442.0	1487.5	1514.0	1712.9	1921.4
17.5°	1402.2	1434.4	1453.3	1608.7	1879.7
20°	1377.6	1392.7	1409.8	1533.0	1832.4
22.5°	1360.5	1351.0	1364.3	1479.9	1767.9
25°	1349.2	1313.1	1328.3	1438.2	1692.1
27.5°	1358.7	1279.0	1284.7	1400.3	1612.5
30°	1360.5	1237.3	1239.2	1360.5	1523.5
32.5°	1347.3	1193.8	1195.6	1311.2	1423.0
35°	1315.1	1142.6	1140.7	1254.4	1286.7
37.5°	1271.4	1087.7	1087.7	1191.9	1136.9
40°	1218.4	1032.7	1038.4	1110.4	1004.3
42.5°	1153.9	974.0	981.5	1002.4	905.7
45°	1083.8	917.1	922.8	847.0	830.0
47.5°	1006.2	858.4	860.3	703.0	805.3
50°	913.4	797.8	790.2	602.6	803.4
52.5°	831.9	731.4	708.6	545.7	729.5
55°	752.2	661.3	612.1	502.1	676.5
57.5°	682.1	570.4	522.9	450.9	665.1
60°	617.7	481.3	445.3	396.1	610.1
62.5°	564.6	415.0	407.4	358.1	553.3
65°	507.8	369.5	367.6	325.9	470.0
67.5°	452.9	339.2	337.2	295.6	358.1
70°	394.1	306.9	303.2	263.4	265.2
72.5°	333.5	271.0	267.2	236.8	219.8
75°	272.9	229.3	227.4	206.5	178.1
77.5°	214.1	181.9	185.7	166.8	130.7
80°	153.5	132.6	136.4	119.3	98.5
82.5°	102.3	87.2	90.9	75.8	66.4
85°	56.9	49.2	51.2	39.8	30.3
87.5°	26.5	22.8	22.8	15.2	9.5
90°	26.3	16.7	15.5	10.7	5.9
92.5°	161.9	115.1	105.0	64.4	23.9
95°	398.4	224.3	205.8	131.5	57.3
97.5°	536.5	246.4	230.1	164.6	99.1
100°	586.8	264.9	250.0	190.7	131.3
102.5°	610.0	283.4	269.6	214.2	158.7
105°	627.1	310.9	299.1	252.1	205.2
107.5°	630.2	351.4	340.5	296.7	252.9
110°	625.4	374.1	364.2	324.6	285.1



TEST NUMBER: P935242

CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-6500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	625.6	401.5	392.1	354.5	316.8
115°	631.4	442.6	433.9	399.2	364.5
117.5°	643.0	482.6	474.7	443.2	411.6
120°	652.7	505.9	498.5	468.8	439.1
122.5°	666.4	533.4	525.9	495.9	466.0
125°	684.9	568.6	561.8	534.4	507.1
127.5°	703.4	602.6	595.7	568.1	540.5
130°	717.0	625.3	617.8	588.2	558.4
132.5°	727.9	643.7	636.3	606.6	576.9
135°	739.8	665.2	658.4	631.4	604.3
137.5°	757.7	692.7	686.0	659.1	632.3
140°	768.6	711.1	705.0	680.3	655.7
142.5°	777.8	724.9	719.2	696.4	673.5
145°	789.7	745.7	740.8	720.9	701.0
147.5°	807.1	771.9	767.1	747.7	728.4
150°	816.3	785.7	781.3	763.8	746.3
152.5°	822.3	794.7	791.3	778.1	764.9
155°	835.4	814.3	811.8	802.1	792.3
157.5°	848.5	834.0	831.6	822.1	812.6
160°	854.5	843.0	841.2	833.7	826.2
162.5°	860.9	852.5	851.1	845.6	840.0
165°	870.0	866.2	865.0	859.9	854.9
167.5°	877.1	874.0	873.4	871.0	868.6
170°	883.1	882.9	882.4	880.0	877.6
172.5°	883.5	883.5	883.4	882.9	882.4
175°	887.1	888.9	888.9	888.9	888.9
177.5°	887.5	888.9	888.9	888.9	888.9
180°	888.9	888.9	888.9	888.9	888.9



TEST NUMBER: P935242
 CATALOG NUMBER: SQ4-FA-100U-100D-92765-1D-UNV-STD-W-6-6500K

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	13.30	14.14	14.28	15.13	16.44	16.13	16.97	17.11	17.96	19.27
	3H	13.78	14.53	14.77	15.53	16.86	17.47	18.22	18.46	19.22	20.55
	4H	13.97	14.68	14.97	15.68	17.02	17.91	18.62	18.92	19.63	20.97
	6H	14.09	14.74	15.10	15.75	17.10	18.19	18.85	19.21	19.86	21.21
	8H	14.09	14.71	15.11	15.74	17.08	18.27	18.89	19.29	19.92	21.26
	12H	14.06	14.65	15.08	15.67	17.04	18.30	18.90	19.33	19.92	21.29
4H	2H	14.33	15.04	15.34	16.05	17.39	16.53	17.25	17.54	18.25	19.59
	3H	15.36	15.95	16.38	16.98	18.33	18.04	18.63	19.06	19.66	21.01
	4H	15.63	16.17	16.66	17.20	18.57	18.56	19.10	19.59	20.13	21.50
	6H	15.76	16.22	16.79	17.27	18.64	18.93	19.39	19.96	20.44	21.81
	8H	15.76	16.20	16.80	17.24	18.62	19.03	19.47	20.07	20.51	21.89
	12H	15.73	16.12	16.78	17.18	18.57	19.09	19.48	20.14	20.54	21.93
8H	4H	16.08	16.52	17.12	17.56	18.95	18.69	19.12	19.72	20.16	21.55
	6H	16.34	16.70	17.40	17.79	19.17	19.12	19.48	20.18	20.56	21.95
	8H	16.39	16.70	17.45	17.77	19.17	19.27	19.59	20.34	20.65	22.06
	12H	16.37	16.65	17.44	17.71	19.15	19.37	19.64	20.44	20.71	22.15
12H	4H	16.09	16.48	17.14	17.54	18.93	18.65	19.04	19.70	20.10	21.49
	6H	16.40	16.72	17.47	17.79	19.19	19.12	19.43	20.19	20.50	21.90
	8H	16.47	16.75	17.54	17.81	19.25	19.28	19.55	20.35	20.62	22.06