

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: P935264

Luminaire Tested: SQ4-FA-100U-100D-93050-1D-UNV-STD-W-6-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935264
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-93050-1D-UNV-STD-W-6-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

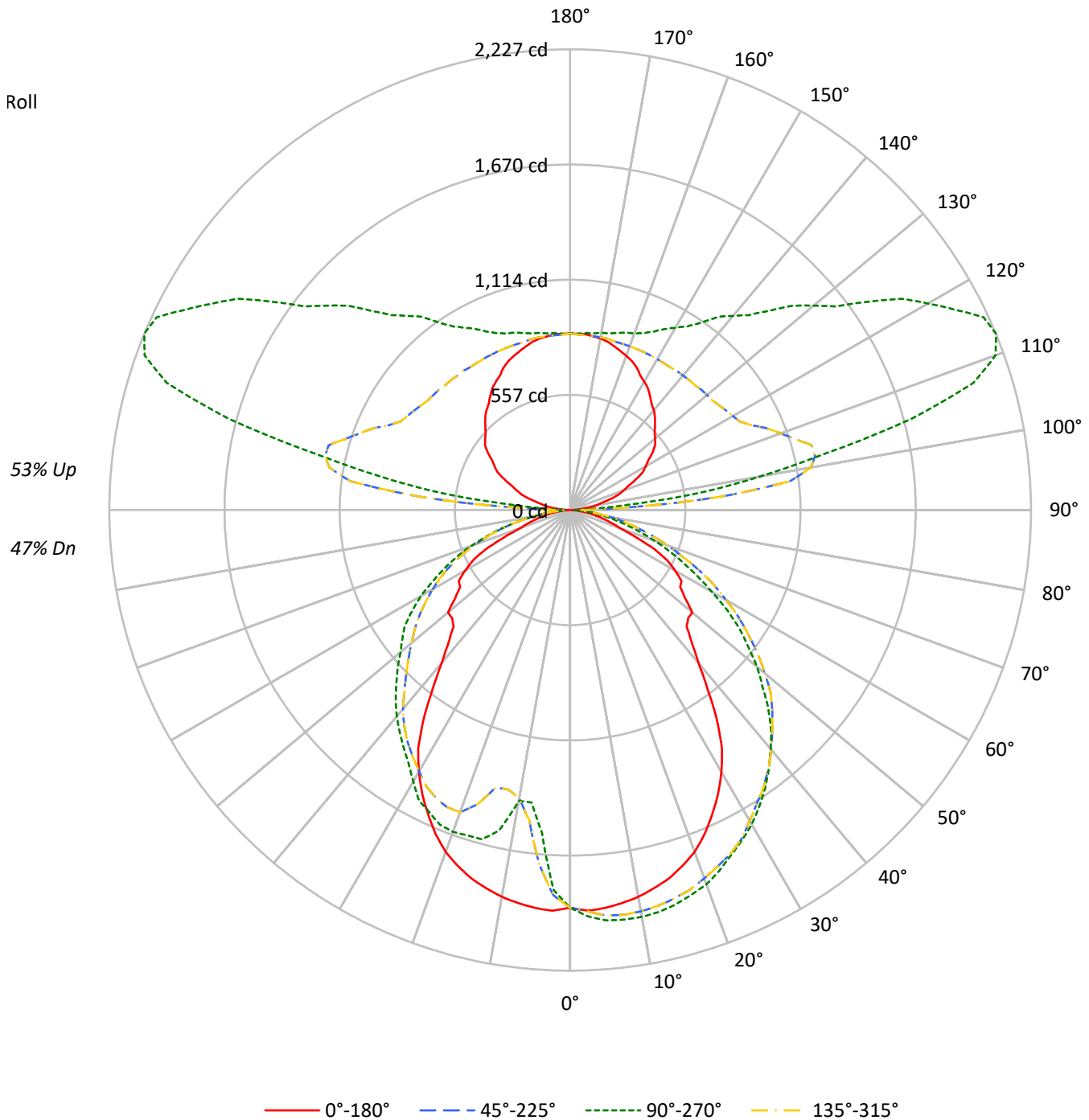
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10517.7 lumens
Efficiency: N/A
Efficacy: 120.9 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	50	30	10
RCR																				
0	107	107	107	107	98	98	98	98	82	82	82	67	67	67	54	54	54	47	47	47
1	97	93	89	86	89	86	82	79	72	70	67	59	58	56	48	47	46	40	40	40
2	89	81	75	70	81	75	70	65	63	59	56	52	49	47	42	40	38	34	34	34
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	28	28	28
4	74	63	55	49	68	58	51	46	49	44	40	41	37	34	33	30	28	24	24	24
5	68	56	48	42	62	52	45	39	44	39	34	37	33	29	30	27	24	21	21	21
6	62	50	42	36	57	47	39	34	40	34	30	33	29	26	27	24	21	19	19	19
7	58	45	37	32	53	42	35	30	36	30	26	30	26	23	25	21	19	16	16	16
8	53	41	33	28	49	38	31	27	33	27	23	28	23	20	23	19	17	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13	13	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12	12	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11891	11891	11891	11891
5°	11976	12003	11976	9439
10°	11891	11824	11891	8454
15°	11757	11568	11757	9659
20°	11507	11265	11507	9680
25°	10999	10822	10999	9475
30°	10345	10454	10345	9024
35°	9218	9989	9218	8529
40°	7677	9442	7677	8155
45°	6855	8802	6855	7725
50°	7276	8038	7276	7294
55°	6840	7215	6840	7044
60°	7042	6128	7042	6452
65°	6374	5065	6374	5662
70°	4403	4036	4403	4746
75°	3848	2984	3848	3573
80°	3076	1973	3076	2148
85°	1735	1046	1735	889

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10512 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.5	1.6
10°-20°	492.7	4.7
20°-30°	761.6	7.2
30°-40°	909.1	8.6
40°-50°	914.5	8.7
50°-60°	795.7	7.6
60°-70°	564.2	5.4
70°-80°	298.5	2.8
80°-90°	77.6	0.7
90°-100°	415.8	4.0
100°-110°	1093.3	10.4
110°-120°	1133.6	10.8
120°-130°	909.3	8.6
130°-140°	713.5	6.8
140°-150°	547.6	5.2
150°-160°	394.4	3.7
160°-170°	241.3	2.3
170°-180°	81.5	0.8
0°-30°	1427.7	13.6
0°-40°	2336.9	22.2
0°-60°	4047.0	38.5
0°-90°	4987.3	47.4
90°-120°	2642.8	25.1
90°-150°	4813.2	45.8
90°-180°	5530.0	52.6
0°-180°	10517.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1922	1922	1922	1922	1922	
5°	1931	1991	1931	1566	1931	183
15°	1844	1973	1844	1648	1844	519
25°	1624	1840	1624	1611	1624	746
35°	1235	1642	1235	1402	1235	764
45°	797	1353	797	1188	797	638
55°	649	998	649	975	649	597
65°	451	602	451	673	451	431
75°	171	286	171	342	171	180
85°	29	73	29	62	29	39
90°	6	22	6	22	6	6
95°	55	251	55	251	55	61
105°	197	1712	197	1712	197	209
115°	350	2204	350	2204	350	346
125°	487	1756	487	1756	487	432
135°	580	1362	580	1362	580	449
145°	673	1105	673	1105	673	421
155°	760	952	760	952	760	349
165°	820	886	820	886	820	232
175°	853	859	853	859	853	81
180°	853	853	853	853	853	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2
2.5°	1938.6	1938.6	1949.6	1953.1	1953.1	1947.7	1942.2	1947.7	1964.1	1969.6	1967.7
5°	1931.3	1945.9	1965.9	1969.6	1973.1	1971.3	1967.7	1971.3	1989.5	1993.1	1995.0
7.5°	1916.8	1944.0	1969.6	1975.0	1980.4	1975.0	1973.1	1976.8	1995.0	1998.6	1998.6
10°	1898.6	1936.8	1965.9	1969.6	1975.0	1969.6	1969.6	1976.8	1995.0	1998.6	2000.4
12.5°	1873.1	1925.9	1953.1	1956.8	1964.1	1962.2	1960.4	1967.7	1985.9	1989.5	1989.5
15°	1844.0	1905.9	1931.3	1935.0	1947.7	1944.0	1944.0	1951.3	1971.3	1976.8	1975.0
17.5°	1804.0	1880.4	1909.5	1915.0	1924.0	1922.2	1924.0	1931.3	1949.6	1953.1	1955.0
20°	1758.6	1845.9	1880.4	1885.9	1894.9	1894.9	1894.9	1904.0	1922.2	1929.5	1929.5
22.5°	1696.7	1809.5	1845.9	1849.5	1860.4	1860.4	1864.0	1876.8	1893.1	1894.9	1894.9
25°	1624.0	1769.5	1800.4	1811.3	1822.2	1827.7	1833.1	1840.4	1845.9	1844.0	1845.9
27.5°	1547.6	1718.6	1758.6	1765.8	1780.4	1785.8	1793.1	1794.9	1796.8	1802.2	1798.6
30°	1462.2	1647.6	1707.6	1714.9	1738.6	1742.2	1734.9	1738.6	1747.7	1751.3	1754.9
32.5°	1365.7	1542.2	1654.9	1671.3	1693.1	1682.1	1680.4	1685.8	1700.4	1700.4	1704.0
35°	1234.9	1460.3	1605.8	1620.4	1636.7	1624.0	1631.3	1633.0	1642.1	1647.6	1645.8
37.5°	1091.1	1389.4	1554.9	1565.8	1578.5	1562.2	1573.0	1578.5	1585.8	1582.2	1582.2
40°	963.9	1278.4	1494.8	1502.2	1513.1	1500.3	1511.3	1514.8	1518.5	1514.8	1513.1
42.5°	869.2	1156.6	1431.2	1440.3	1433.1	1442.2	1445.7	1453.1	1447.6	1440.3	1440.3
45°	796.6	1123.9	1362.1	1373.1	1362.1	1376.6	1382.1	1382.1	1365.7	1362.1	1360.3
47.5°	772.9	1058.4	1293.0	1293.0	1287.5	1305.7	1314.8	1302.1	1285.7	1280.3	1280.3
50°	771.0	985.7	1198.4	1191.2	1216.6	1238.4	1229.3	1216.6	1203.9	1183.9	1183.9
52.5°	700.1	896.6	1076.5	1103.9	1143.9	1156.6	1142.1	1129.3	1107.5	1098.4	1091.1
55°	649.3	803.8	965.7	1020.2	1062.0	1078.4	1051.1	1038.4	1005.7	1000.2	996.6
57.5°	638.3	669.3	863.8	932.9	983.9	982.0	965.7	942.0	914.8	909.3	907.5
60°	585.6	483.7	754.7	836.6	889.2	883.8	869.2	847.5	822.0	818.4	814.7
62.5°	531.0	351.0	631.0	723.8	798.4	796.6	783.8	751.0	732.9	723.8	716.5
65°	451.0	294.6	449.2	601.9	709.3	712.9	685.6	661.9	641.9	631.0	629.3
67.5°	343.7	240.1	303.7	501.9	623.8	620.2	585.6	574.7	549.2	543.7	532.8
70°	254.6	160.0	211.0	407.4	540.2	531.0	503.7	491.1	467.4	454.6	447.4
72.5°	211.0	129.1	154.5	316.4	454.6	443.7	420.1	405.5	385.5	374.6	367.4
75°	171.0	136.4	118.2	234.6	369.2	361.9	340.1	325.5	309.2	294.6	296.4
77.5°	125.4	127.3	94.5	172.8	292.7	281.9	269.2	251.0	243.6	229.1	229.1
80°	94.5	100.0	70.9	118.2	211.0	211.0	200.1	187.3	174.5	167.3	167.3
82.5°	63.7	63.7	52.8	74.5	143.7	138.2	131.0	127.3	120.0	116.4	116.4
85°	29.1	36.3	32.8	45.4	78.2	81.9	81.9	78.2	76.4	72.8	74.5
87.5°	9.1	16.3	20.0	25.4	40.0	41.8	43.7	43.7	43.7	45.4	45.4
90°	5.7	10.3	14.9	16.1	25.2	37.4	43.5	38.6	29.0	21.7	21.7
92.5°	22.9	61.9	100.8	110.5	155.4	215.1	245.0	214.7	154.2	108.7	104.4
95°	55.0	126.2	197.5	215.3	382.3	604.9	716.3	639.2	484.9	369.3	356.2
97.5°	95.1	157.9	220.8	236.5	514.9	886.2	1071.9	1023.1	925.7	852.5	827.6
100°	126.0	183.0	240.0	254.2	563.2	975.1	1181.2	1184.7	1191.9	1197.2	1167.5
102.5°	152.3	205.6	258.7	272.0	585.4	1003.2	1212.1	1274.2	1398.4	1491.5	1466.1
105°	196.9	242.0	287.1	298.3	601.8	1006.4	1208.7	1347.9	1626.2	1835.0	1821.3
107.5°	242.7	284.8	326.8	337.3	604.9	961.6	1140.0	1334.1	1722.4	2013.7	2017.0
110°	273.7	311.6	349.6	359.0	600.3	921.9	1082.7	1299.7	1733.9	2059.5	2073.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	304.0	340.2	376.3	385.3	600.4	887.2	1030.6	1252.7	1697.1	2030.3	2052.1
115°	349.8	383.1	416.4	424.8	606.0	847.4	968.2	1182.2	1610.3	1931.3	1961.7
117.5°	395.1	425.4	455.6	463.2	617.1	822.5	925.2	1118.4	1504.7	1794.4	1828.0
120°	421.4	449.9	478.4	485.6	626.4	814.2	908.1	1084.5	1437.5	1702.2	1734.9
122.5°	447.2	475.9	504.7	511.9	639.5	809.8	894.9	1053.9	1371.7	1610.0	1642.3
125°	486.7	512.9	539.1	545.7	657.3	806.2	880.6	1015.6	1285.6	1488.1	1517.9
127.5°	518.8	545.2	571.7	578.3	675.1	804.1	868.6	984.5	1216.3	1390.2	1415.3
130°	535.9	564.5	592.9	600.1	688.1	805.4	864.0	967.2	1173.5	1328.4	1351.5
132.5°	553.6	582.2	610.6	617.8	698.5	806.2	860.0	952.4	1137.1	1275.7	1296.4
135°	580.0	606.0	631.9	638.4	710.0	805.4	853.1	930.5	1085.2	1201.3	1219.2
137.5°	606.9	632.6	658.4	664.8	727.2	810.4	852.0	917.4	1048.2	1146.3	1160.9
140°	629.3	652.9	676.6	682.5	737.6	811.2	848.0	904.5	1017.4	1102.2	1115.8
142.5°	646.4	668.4	690.2	695.7	746.5	814.1	848.0	897.6	996.8	1071.2	1083.0
145°	672.8	691.9	710.9	715.7	757.9	814.2	842.3	882.8	964.0	1024.9	1033.8
147.5°	699.1	717.6	736.2	740.9	774.6	819.7	842.3	874.2	938.1	986.0	993.3
150°	716.3	733.1	749.8	754.1	783.4	822.6	842.3	869.2	923.1	963.6	969.5
152.5°	734.1	746.8	759.5	762.7	789.2	824.5	842.3	865.3	911.4	945.9	950.4
155°	760.4	769.8	779.1	781.5	801.8	828.8	842.3	860.6	897.2	924.7	927.7
157.5°	779.9	789.0	798.1	800.4	814.4	833.0	842.3	856.5	885.0	906.4	908.5
160°	793.0	800.1	807.3	809.0	820.1	834.9	842.3	854.5	878.9	897.2	898.4
162.5°	806.2	811.5	816.8	818.2	826.2	836.9	842.3	852.5	873.2	888.6	889.7
165°	820.5	825.3	830.1	831.3	835.0	839.9	842.3	849.6	864.4	875.5	876.7
167.5°	833.6	835.9	838.2	838.8	841.8	845.9	848.0	852.8	862.4	869.7	870.3
170°	842.3	844.6	846.8	847.4	847.6	847.9	848.0	852.8	862.4	869.7	869.7
172.5°	846.8	847.3	847.9	848.0	848.0	848.0	848.0	851.8	859.4	865.1	864.7
175°	853.1	853.1	853.1	853.1	851.3	849.1	848.0	850.3	855.2	858.9	858.9
177.5°	853.1	853.1	853.1	853.1	851.8	850.1	849.1	851.1	854.8	857.7	857.1
180°	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2
2.5°	1971.3	1965.9	1971.3	1967.7	1969.6	1964.1	1947.7	1942.2	1947.7	1953.1	1953.1
5°	1995.0	1991.3	1995.0	1995.0	1993.1	1989.5	1971.3	1967.7	1971.3	1973.1	1969.6
7.5°	2002.2	1996.8	2002.2	1998.6	1998.6	1995.0	1976.8	1973.1	1975.0	1980.4	1975.0
10°	2002.2	1996.8	2002.2	2000.4	1998.6	1995.0	1976.8	1969.6	1969.6	1975.0	1969.6
12.5°	1993.1	1989.5	1993.1	1989.5	1989.5	1985.9	1967.7	1960.4	1962.2	1964.1	1956.8
15°	1978.6	1973.1	1978.6	1975.0	1976.8	1971.3	1951.3	1944.0	1944.0	1947.7	1935.0
17.5°	1956.8	1949.6	1956.8	1955.0	1953.1	1949.6	1931.3	1924.0	1922.2	1924.0	1915.0
20°	1931.3	1925.9	1931.3	1929.5	1929.5	1922.2	1904.0	1894.9	1894.9	1894.9	1885.9
22.5°	1891.3	1885.9	1891.3	1894.9	1894.9	1893.1	1876.8	1864.0	1860.4	1860.4	1849.5
25°	1845.9	1840.4	1845.9	1845.9	1844.0	1845.9	1840.4	1833.1	1827.7	1822.2	1811.3
27.5°	1802.2	1798.6	1802.2	1798.6	1802.2	1796.8	1794.9	1793.1	1785.8	1780.4	1765.8
30°	1758.6	1754.9	1758.6	1754.9	1751.3	1747.7	1738.6	1734.9	1742.2	1738.6	1714.9
32.5°	1704.0	1700.4	1704.0	1704.0	1700.4	1700.4	1685.8	1680.4	1682.1	1693.1	1671.3
35°	1647.6	1642.1	1647.6	1645.8	1647.6	1642.1	1633.0	1631.3	1624.0	1636.7	1620.4
37.5°	1582.2	1576.7	1582.2	1582.2	1582.2	1585.8	1578.5	1573.0	1562.2	1578.5	1565.8
40°	1514.8	1507.6	1514.8	1513.1	1514.8	1518.5	1514.8	1511.3	1500.3	1513.1	1502.2
42.5°	1438.5	1436.7	1438.5	1440.3	1440.3	1447.6	1453.1	1445.7	1442.2	1433.1	1440.3
45°	1356.6	1353.0	1356.6	1360.3	1362.1	1365.7	1382.1	1382.1	1376.6	1362.1	1373.1
47.5°	1269.4	1260.3	1269.4	1280.3	1280.3	1285.7	1302.1	1314.8	1305.7	1287.5	1293.0
50°	1176.6	1178.4	1176.6	1183.9	1183.9	1203.9	1216.6	1229.3	1238.4	1216.6	1191.2
52.5°	1085.7	1083.9	1085.7	1091.1	1098.4	1107.5	1129.3	1142.1	1156.6	1143.9	1103.9
55°	994.8	998.4	994.8	996.6	1000.2	1005.7	1038.4	1051.1	1078.4	1062.0	1020.2
57.5°	903.8	898.3	903.8	907.5	909.3	914.8	942.0	965.7	982.0	983.9	932.9
60°	798.4	791.1	798.4	814.7	818.4	822.0	847.5	869.2	883.8	889.2	836.6
62.5°	705.6	692.9	705.6	716.5	723.8	732.9	751.0	783.8	796.6	798.4	723.8
65°	607.4	601.9	607.4	629.3	631.0	641.9	661.9	685.6	712.9	709.3	601.9
67.5°	518.3	518.3	518.3	532.8	543.7	549.2	574.7	585.6	620.2	623.8	501.9
70°	436.5	434.6	436.5	447.4	454.6	467.4	491.1	503.7	531.0	540.2	407.4
72.5°	358.3	356.4	358.3	367.4	374.6	385.5	405.5	420.1	443.7	454.6	316.4
75°	289.2	285.5	289.2	296.4	294.6	309.2	325.5	340.1	361.9	369.2	234.6
77.5°	221.9	221.9	221.9	229.1	229.1	243.6	251.0	269.2	281.9	292.7	172.8
80°	165.5	163.7	165.5	167.3	167.3	174.5	187.3	200.1	211.0	211.0	118.2
82.5°	116.4	112.8	116.4	116.4	116.4	120.0	127.3	131.0	138.2	143.7	74.5
85°	72.8	72.8	72.8	74.5	72.8	76.4	78.2	81.9	81.9	78.2	45.4
87.5°	47.3	45.4	47.3	45.4	45.4	43.7	43.7	43.7	41.8	40.0	25.4
90°	21.7	21.7	21.7	21.7	21.7	29.0	38.6	43.5	37.4	25.2	16.1
92.5°	87.1	69.8	87.1	104.4	108.7	154.2	214.7	245.0	215.1	155.4	110.5
95°	303.8	251.4	303.8	356.2	369.3	484.9	639.2	716.3	604.9	382.3	215.3
97.5°	727.8	628.1	727.8	827.6	852.5	925.7	1023.1	1071.9	886.2	514.9	236.5
100°	1048.7	929.8	1048.7	1167.5	1197.2	1191.9	1184.7	1181.2	975.1	563.2	254.2
102.5°	1364.2	1262.5	1364.2	1466.1	1491.5	1398.4	1274.2	1212.1	1003.2	585.4	272.0
105°	1766.7	1712.0	1766.7	1821.3	1835.0	1626.2	1347.9	1208.7	1006.4	601.8	298.3
107.5°	2030.3	2043.5	2030.3	2017.0	2013.7	1722.4	1334.1	1140.0	961.6	604.9	337.3
110°	2130.8	2187.8	2130.8	2073.7	2059.5	1733.9	1299.7	1082.7	921.9	600.3	359.0



TEST NUMBER: P935264

CATALOG NUMBER: SQ4-FA-100U-100D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2139.7	2227.2	2139.7	2052.1	2030.3	1697.1	1252.7	1030.6	887.2	600.4	385.3
115°	2083.0	2204.4	2083.0	1961.7	1931.3	1610.3	1182.2	968.2	847.4	606.0	424.8
117.5°	1962.7	2097.3	1962.7	1828.0	1794.4	1504.7	1118.4	925.2	822.5	617.1	463.2
120°	1865.8	1996.5	1865.8	1734.9	1702.2	1437.5	1084.5	908.1	814.2	626.4	485.6
122.5°	1771.3	1900.4	1771.3	1642.3	1610.0	1371.7	1053.9	894.9	809.8	639.5	511.9
125°	1636.6	1755.5	1636.6	1517.9	1488.1	1285.6	1015.6	880.6	806.2	657.3	545.7
127.5°	1515.6	1615.8	1515.6	1415.3	1390.2	1216.3	984.5	868.6	804.1	675.1	578.3
130°	1444.2	1536.8	1444.2	1351.5	1328.4	1173.5	967.2	864.0	805.4	688.1	600.1
132.5°	1379.4	1462.3	1379.4	1296.4	1275.7	1137.1	952.4	860.0	806.2	698.5	617.8
135°	1290.6	1362.1	1290.6	1219.2	1201.3	1085.2	930.5	853.1	805.4	710.0	638.4
137.5°	1219.4	1278.0	1219.4	1160.9	1146.3	1048.2	917.4	852.0	810.4	727.2	664.8
140°	1170.6	1225.3	1170.6	1115.8	1102.2	1017.4	904.5	848.0	811.2	737.6	682.5
142.5°	1130.1	1177.2	1130.1	1083.0	1071.2	996.8	897.6	848.0	814.1	746.5	695.7
145°	1069.5	1105.1	1069.5	1033.8	1024.9	964.0	882.8	842.3	814.2	757.9	715.7
147.5°	1022.9	1052.4	1022.9	993.3	986.0	938.1	874.2	842.3	819.7	774.6	740.9
150°	993.5	1017.4	993.5	969.5	963.6	923.1	869.2	842.3	822.6	783.4	754.1
152.5°	968.4	986.5	968.4	950.4	945.9	911.4	865.3	842.3	824.5	789.2	762.7
155°	939.6	951.6	939.6	927.7	924.7	897.2	860.6	842.3	828.8	801.8	781.5
157.5°	916.9	925.2	916.9	908.5	906.4	885.0	856.5	842.3	833.0	814.4	800.4
160°	903.3	908.1	903.3	898.4	897.2	878.9	854.5	842.3	834.9	820.1	809.0
162.5°	894.3	898.9	894.3	889.7	888.6	873.2	852.5	842.3	836.9	826.2	818.2
165°	881.5	886.3	881.5	876.7	875.5	864.4	849.6	842.3	839.9	835.0	831.3
167.5°	872.3	874.3	872.3	870.3	869.7	862.4	852.8	848.0	845.9	841.8	838.8
170°	869.7	869.7	869.7	869.7	869.7	862.4	852.8	848.0	847.9	847.6	847.4
172.5°	862.9	861.2	862.9	864.7	865.1	859.4	851.8	848.0	848.0	848.0	848.0
175°	858.9	858.9	858.9	858.9	858.9	855.2	850.3	848.0	849.1	851.3	853.1
177.5°	855.1	853.1	855.1	857.1	857.7	854.8	851.1	849.1	850.1	851.8	853.1
180°	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1



TEST NUMBER: P935264

CATALOG NUMBER: SQ4-FA-100U-100D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2
2.5°	1949.6	1938.6	1938.6	1920.4	1913.1	1907.7	1898.6	1871.3	1864.0	1856.8	1867.7
5°	1965.9	1945.9	1931.3	1898.6	1871.3	1860.4	1825.8	1760.4	1716.7	1684.0	1665.8
7.5°	1969.6	1944.0	1916.8	1865.9	1800.4	1771.2	1665.8	1545.8	1513.1	1483.9	1465.7
10°	1965.9	1936.8	1898.6	1822.2	1667.6	1616.7	1511.3	1433.1	1413.1	1407.6	1413.1
12.5°	1953.1	1925.9	1873.1	1745.8	1529.4	1494.8	1433.1	1387.6	1384.0	1393.1	1442.2
15°	1931.3	1905.9	1844.0	1644.0	1453.1	1427.6	1384.0	1367.5	1387.6	1451.2	1598.5
17.5°	1909.5	1880.4	1804.0	1543.9	1394.8	1376.6	1345.7	1378.5	1491.3	1576.7	1625.8
20°	1880.4	1845.9	1758.6	1471.2	1353.0	1336.6	1322.1	1469.4	1554.9	1585.8	1613.0
22.5°	1845.9	1809.5	1696.7	1420.3	1309.4	1296.6	1305.7	1520.3	1554.9	1576.7	1600.4
25°	1800.4	1769.5	1624.0	1380.3	1274.9	1260.3	1294.9	1514.8	1534.8	1540.4	1587.6
27.5°	1758.6	1718.6	1547.6	1344.0	1233.0	1227.5	1304.0	1491.3	1505.8	1511.3	1562.2
30°	1707.6	1647.6	1462.2	1305.7	1189.3	1187.5	1305.7	1462.2	1458.5	1473.1	1523.9
32.5°	1654.9	1542.2	1365.7	1258.4	1147.5	1145.7	1293.0	1418.5	1414.8	1434.8	1473.1
35°	1605.8	1460.3	1234.9	1203.9	1094.8	1096.6	1262.1	1367.5	1369.4	1387.6	1411.2
37.5°	1554.9	1389.4	1091.1	1143.9	1043.9	1043.9	1220.3	1320.3	1316.6	1322.1	1354.8
40°	1494.8	1278.4	963.9	1065.7	996.6	991.1	1169.3	1269.4	1256.6	1254.9	1300.3
42.5°	1431.2	1156.6	869.2	962.0	942.0	934.8	1107.5	1207.5	1183.9	1189.3	1247.5
45°	1362.1	1123.9	796.6	812.9	885.7	880.2	1040.2	1136.6	1120.2	1134.8	1194.8
47.5°	1293.0	1058.4	772.9	674.7	825.7	823.8	965.7	1067.5	1058.4	1073.0	1136.6
50°	1198.4	985.7	771.0	578.3	758.4	765.6	876.6	1000.2	1000.2	1013.0	1080.2
52.5°	1076.5	896.6	700.1	523.7	680.1	701.9	798.4	942.0	945.7	958.3	1018.4
55°	965.7	803.8	649.3	481.9	587.4	634.7	722.0	882.0	889.2	902.0	956.6
57.5°	863.8	669.3	638.3	432.8	501.9	547.4	654.7	823.8	827.5	838.4	891.1
60°	754.7	483.7	585.6	380.1	427.4	461.9	592.8	754.7	767.5	774.7	820.1
62.5°	631.0	351.0	531.0	343.7	391.0	398.3	541.9	689.3	705.6	711.0	738.4
65°	449.2	294.6	451.0	312.8	352.8	354.6	487.4	621.9	636.5	645.6	665.6
67.5°	303.7	240.1	343.7	283.7	323.7	325.5	434.6	543.7	563.7	571.0	583.7
70°	211.0	160.0	254.6	252.8	291.0	294.6	378.3	472.8	491.1	496.5	503.7
72.5°	154.5	129.1	211.0	227.3	256.4	260.1	320.1	392.8	411.0	416.4	420.1
75°	118.2	136.4	171.0	198.2	218.2	220.1	261.9	320.1	332.8	336.4	338.3
77.5°	94.5	127.3	125.4	160.0	178.2	174.5	205.5	247.3	258.2	258.2	258.2
80°	70.9	100.0	94.5	114.5	131.0	127.3	147.3	176.4	180.1	183.6	181.9
82.5°	52.8	63.7	63.7	72.8	87.3	83.7	98.2	114.5	114.5	114.5	118.2
85°	32.8	36.3	29.1	38.2	49.1	47.3	54.6	61.9	63.7	63.7	60.0
87.5°	20.0	16.3	9.1	14.6	21.8	21.8	25.4	27.3	25.4	25.4	25.4
90°	14.9	10.3	5.7	10.3	14.9	16.1	25.2	37.4	43.5	38.6	29.0
92.5°	100.8	61.9	22.9	61.9	100.8	110.5	155.4	215.1	245.0	214.7	154.2
95°	197.5	126.2	55.0	126.2	197.5	215.3	382.3	604.9	716.3	639.2	484.9
97.5°	220.8	157.9	95.1	157.9	220.8	236.5	514.9	886.2	1071.9	1023.1	925.7
100°	240.0	183.0	126.0	183.0	240.0	254.2	563.2	975.1	1181.2	1184.7	1191.9
102.5°	258.7	205.6	152.3	205.6	258.7	272.0	585.4	1003.2	1212.1	1274.2	1398.4
105°	287.1	242.0	196.9	242.0	287.1	298.3	601.8	1006.4	1208.7	1347.9	1626.2
107.5°	326.8	284.8	242.7	284.8	326.8	337.3	604.9	961.6	1140.0	1334.1	1722.4
110°	349.6	311.6	273.7	311.6	349.6	359.0	600.3	921.9	1082.7	1299.7	1733.9



TEST NUMBER: P935264

CATALOG NUMBER: SQ4-FA-100U-100D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	376.3	340.2	304.0	340.2	376.3	385.3	600.4	887.2	1030.6	1252.7	1697.1
115°	416.4	383.1	349.8	383.1	416.4	424.8	606.0	847.4	968.2	1182.2	1610.3
117.5°	455.6	425.4	395.1	425.4	455.6	463.2	617.1	822.5	925.2	1118.4	1504.7
120°	478.4	449.9	421.4	449.9	478.4	485.6	626.4	814.2	908.1	1084.5	1437.5
122.5°	504.7	475.9	447.2	475.9	504.7	511.9	639.5	809.8	894.9	1053.9	1371.7
125°	539.1	512.9	486.7	512.9	539.1	545.7	657.3	806.2	880.6	1015.6	1285.6
127.5°	571.7	545.2	518.8	545.2	571.7	578.3	675.1	804.1	868.6	984.5	1216.3
130°	592.9	564.5	535.9	564.5	592.9	600.1	688.1	805.4	864.0	967.2	1173.5
132.5°	610.6	582.2	553.6	582.2	610.6	617.8	698.5	806.2	860.0	952.4	1137.1
135°	631.9	606.0	580.0	606.0	631.9	638.4	710.0	805.4	853.1	930.5	1085.2
137.5°	658.4	632.6	606.9	632.6	658.4	664.8	727.2	810.4	852.0	917.4	1048.2
140°	676.6	652.9	629.3	652.9	676.6	682.5	737.6	811.2	848.0	904.5	1017.4
142.5°	690.2	668.4	646.4	668.4	690.2	695.7	746.5	814.1	848.0	897.6	996.8
145°	710.9	691.9	672.8	691.9	710.9	715.7	757.9	814.2	842.3	882.8	964.0
147.5°	736.2	717.6	699.1	717.6	736.2	740.9	774.6	819.7	842.3	874.2	938.1
150°	749.8	733.1	716.3	733.1	749.8	754.1	783.4	822.6	842.3	869.2	923.1
152.5°	759.5	746.8	734.1	746.8	759.5	762.7	789.2	824.5	842.3	865.3	911.4
155°	779.1	769.8	760.4	769.8	779.1	781.5	801.8	828.8	842.3	860.6	897.2
157.5°	798.1	789.0	779.9	789.0	798.1	800.4	814.4	833.0	842.3	856.5	885.0
160°	807.3	800.1	793.0	800.1	807.3	809.0	820.1	834.9	842.3	854.5	878.9
162.5°	816.8	811.5	806.2	811.5	816.8	818.2	826.2	836.9	842.3	852.5	873.2
165°	830.1	825.3	820.5	825.3	830.1	831.3	835.0	839.9	842.3	849.6	864.4
167.5°	838.2	835.9	833.6	835.9	838.2	838.8	841.8	845.9	848.0	852.8	862.4
170°	846.8	844.6	842.3	844.6	846.8	847.4	847.6	847.9	848.0	852.8	862.4
172.5°	847.9	847.3	846.8	847.3	847.9	848.0	848.0	848.0	848.0	851.8	859.4
175°	853.1	853.1	853.1	853.1	853.1	853.1	851.3	849.1	848.0	850.3	855.2
177.5°	853.1	853.1	853.1	853.1	853.1	853.1	851.8	850.1	849.1	851.1	854.8
180°	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1



TEST NUMBER: P935264
 CATALOG NUMBER: SQ4-FA-100U-100D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2	1922.2
2.5°	1854.9	1849.5	1856.8	1836.8	1856.8	1849.5	1854.9	1867.7	1856.8	1864.0	1871.3
5°	1627.6	1618.5	1589.4	1565.8	1589.4	1618.5	1627.6	1665.8	1684.0	1716.7	1760.4
7.5°	1454.8	1447.6	1440.3	1425.7	1440.3	1447.6	1454.8	1465.7	1483.9	1513.1	1545.8
10°	1416.6	1418.5	1429.4	1427.6	1429.4	1418.5	1416.6	1413.1	1407.6	1413.1	1433.1
12.5°	1514.8	1531.3	1591.3	1587.6	1591.3	1531.3	1514.8	1442.2	1393.1	1384.0	1387.6
15°	1627.6	1633.0	1645.8	1647.6	1645.8	1633.0	1627.6	1598.5	1451.2	1387.6	1367.5
17.5°	1638.5	1640.4	1649.5	1649.5	1649.5	1640.4	1638.5	1625.8	1576.7	1491.3	1378.5
20°	1629.5	1633.0	1651.3	1654.9	1651.3	1633.0	1629.5	1613.0	1585.8	1554.9	1469.4
22.5°	1625.8	1633.0	1647.6	1645.8	1647.6	1633.0	1625.8	1600.4	1576.7	1554.9	1520.3
25°	1607.6	1607.6	1609.5	1611.3	1609.5	1607.6	1607.6	1587.6	1540.4	1534.8	1514.8
27.5°	1569.4	1573.0	1583.9	1582.2	1583.9	1573.0	1569.4	1562.2	1511.3	1505.8	1491.3
30°	1534.8	1531.3	1522.2	1514.8	1522.2	1531.3	1534.8	1523.9	1473.1	1458.5	1462.2
32.5°	1476.7	1467.6	1458.5	1453.1	1458.5	1467.6	1476.7	1473.1	1434.8	1414.8	1418.5
35°	1407.6	1409.4	1407.6	1402.1	1407.6	1409.4	1407.6	1411.2	1387.6	1369.4	1367.5
37.5°	1358.5	1362.1	1360.3	1353.0	1360.3	1362.1	1358.5	1354.8	1322.1	1316.6	1320.3
40°	1307.5	1309.4	1307.5	1302.1	1307.5	1309.4	1307.5	1300.3	1254.9	1256.6	1269.4
42.5°	1258.4	1256.6	1251.2	1247.5	1251.2	1256.6	1258.4	1247.5	1189.3	1183.9	1207.5
45°	1202.1	1203.9	1193.0	1187.5	1193.0	1203.9	1202.1	1194.8	1134.8	1120.2	1136.6
47.5°	1145.7	1145.7	1136.6	1131.2	1136.6	1145.7	1145.7	1136.6	1073.0	1058.4	1067.5
50°	1085.7	1083.9	1071.1	1069.3	1071.1	1083.9	1085.7	1080.2	1013.0	1000.2	1000.2
52.5°	1016.6	1016.6	1018.4	1022.0	1018.4	1016.6	1016.6	1018.4	958.3	945.7	942.0
55°	956.6	958.3	971.1	974.8	971.1	958.3	956.6	956.6	902.0	889.2	882.0
57.5°	894.8	894.8	903.8	903.8	903.8	894.8	894.8	891.1	838.4	827.5	823.8
60°	823.8	827.5	834.7	832.9	834.7	827.5	823.8	820.1	774.7	767.5	754.7
62.5°	749.2	752.9	754.7	751.0	754.7	752.9	749.2	738.4	711.0	705.6	689.3
65°	671.0	674.7	676.5	672.9	676.5	674.7	671.0	665.6	645.6	636.5	621.9
67.5°	591.0	589.3	587.4	594.7	587.4	589.3	591.0	583.7	571.0	563.7	543.7
70°	509.2	509.2	507.4	511.0	507.4	509.2	509.2	503.7	496.5	491.1	472.8
72.5°	421.9	420.1	427.4	421.9	427.4	420.1	421.9	420.1	416.4	411.0	392.8
75°	336.4	340.1	336.4	341.9	336.4	340.1	336.4	338.3	336.4	332.8	320.1
77.5°	256.4	260.1	256.4	256.4	256.4	260.1	256.4	258.2	258.2	258.2	247.3
80°	181.9	180.1	180.1	178.2	180.1	180.1	181.9	181.9	183.6	180.1	176.4
82.5°	116.4	114.5	114.5	118.2	114.5	114.5	116.4	118.2	114.5	114.5	114.5
85°	63.7	65.4	61.9	61.9	61.9	65.4	63.7	60.0	63.7	63.7	61.9
87.5°	23.7	21.8	21.8	21.8	21.8	21.8	23.7	25.4	25.4	25.4	27.3
90°	21.7	21.7	21.7	21.7	21.7	21.7	21.7	29.0	38.6	43.5	37.4
92.5°	108.7	104.4	87.1	69.8	87.1	104.4	108.7	154.2	214.7	245.0	215.1
95°	369.3	356.2	303.8	251.4	303.8	356.2	369.3	484.9	639.2	716.3	604.9
97.5°	852.5	827.6	727.8	628.1	727.8	827.6	852.5	925.7	1023.1	1071.9	886.2
100°	1197.2	1167.5	1048.7	929.8	1048.7	1167.5	1197.2	1191.9	1184.7	1181.2	975.1
102.5°	1491.5	1466.1	1364.2	1262.5	1364.2	1466.1	1491.5	1398.4	1274.2	1212.1	1003.2
105°	1835.0	1821.3	1766.7	1712.0	1766.7	1821.3	1835.0	1626.2	1347.9	1208.7	1006.4
107.5°	2013.7	2017.0	2030.3	2043.5	2030.3	2017.0	2013.7	1722.4	1334.1	1140.0	961.6
110°	2059.5	2073.7	2130.8	2187.8	2130.8	2073.7	2059.5	1733.9	1299.7	1082.7	921.9



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2030.3	2052.1	2139.7	2227.2	2139.7	2052.1	2030.3	1697.1	1252.7	1030.6	887.2
115°	1931.3	1961.7	2083.0	2204.4	2083.0	1961.7	1931.3	1610.3	1182.2	968.2	847.4
117.5°	1794.4	1828.0	1962.7	2097.3	1962.7	1828.0	1794.4	1504.7	1118.4	925.2	822.5
120°	1702.2	1734.9	1865.8	1996.5	1865.8	1734.9	1702.2	1437.5	1084.5	908.1	814.2
122.5°	1610.0	1642.3	1771.3	1900.4	1771.3	1642.3	1610.0	1371.7	1053.9	894.9	809.8
125°	1488.1	1517.9	1636.6	1755.5	1636.6	1517.9	1488.1	1285.6	1015.6	880.6	806.2
127.5°	1390.2	1415.3	1515.6	1615.8	1515.6	1415.3	1390.2	1216.3	984.5	868.6	804.1
130°	1328.4	1351.5	1444.2	1536.8	1444.2	1351.5	1328.4	1173.5	967.2	864.0	805.4
132.5°	1275.7	1296.4	1379.4	1462.3	1379.4	1296.4	1275.7	1137.1	952.4	860.0	806.2
135°	1201.3	1219.2	1290.6	1362.1	1290.6	1219.2	1201.3	1085.2	930.5	853.1	805.4
137.5°	1146.3	1160.9	1219.4	1278.0	1219.4	1160.9	1146.3	1048.2	917.4	852.0	810.4
140°	1102.2	1115.8	1170.6	1225.3	1170.6	1115.8	1102.2	1017.4	904.5	848.0	811.2
142.5°	1071.2	1083.0	1130.1	1177.2	1130.1	1083.0	1071.2	996.8	897.6	848.0	814.1
145°	1024.9	1033.8	1069.5	1105.1	1069.5	1033.8	1024.9	964.0	882.8	842.3	814.2
147.5°	986.0	993.3	1022.9	1052.4	1022.9	993.3	986.0	938.1	874.2	842.3	819.7
150°	963.6	969.5	993.5	1017.4	993.5	969.5	963.6	923.1	869.2	842.3	822.6
152.5°	945.9	950.4	968.4	986.5	968.4	950.4	945.9	911.4	865.3	842.3	824.5
155°	924.7	927.7	939.6	951.6	939.6	927.7	924.7	897.2	860.6	842.3	828.8
157.5°	906.4	908.5	916.9	925.2	916.9	908.5	906.4	885.0	856.5	842.3	833.0
160°	897.2	898.4	903.3	908.1	903.3	898.4	897.2	878.9	854.5	842.3	834.9
162.5°	888.6	889.7	894.3	898.9	894.3	889.7	888.6	873.2	852.5	842.3	836.9
165°	875.5	876.7	881.5	886.3	881.5	876.7	875.5	864.4	849.6	842.3	839.9
167.5°	869.7	870.3	872.3	874.3	872.3	870.3	869.7	862.4	852.8	848.0	845.9
170°	869.7	869.7	869.7	869.7	869.7	869.7	869.7	862.4	852.8	848.0	847.9
172.5°	865.1	864.7	862.9	861.2	862.9	864.7	865.1	859.4	851.8	848.0	848.0
175°	858.9	858.9	858.9	858.9	858.9	858.9	858.9	855.2	850.3	848.0	849.1
177.5°	857.7	857.1	855.1	853.1	855.1	857.1	857.7	854.8	851.1	849.1	850.1
180°	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1	853.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1922.2	1922.2	1922.2	1922.2	1922.2
2.5°	1898.6	1907.7	1913.1	1920.4	1938.6
5°	1825.8	1860.4	1871.3	1898.6	1931.3
7.5°	1665.8	1771.2	1800.4	1865.9	1916.8
10°	1511.3	1616.7	1667.6	1822.2	1898.6
12.5°	1433.1	1494.8	1529.4	1745.8	1873.1
15°	1384.0	1427.6	1453.1	1644.0	1844.0
17.5°	1345.7	1376.6	1394.8	1543.9	1804.0
20°	1322.1	1336.6	1353.0	1471.2	1758.6
22.5°	1305.7	1296.6	1309.4	1420.3	1696.7
25°	1294.9	1260.3	1274.9	1380.3	1624.0
27.5°	1304.0	1227.5	1233.0	1344.0	1547.6
30°	1305.7	1187.5	1189.3	1305.7	1462.2
32.5°	1293.0	1145.7	1147.5	1258.4	1365.7
35°	1262.1	1096.6	1094.8	1203.9	1234.9
37.5°	1220.3	1043.9	1043.9	1143.9	1091.1
40°	1169.3	991.1	996.6	1065.7	963.9
42.5°	1107.5	934.8	942.0	962.0	869.2
45°	1040.2	880.2	885.7	812.9	796.6
47.5°	965.7	823.8	825.7	674.7	772.9
50°	876.6	765.6	758.4	578.3	771.0
52.5°	798.4	701.9	680.1	523.7	700.1
55°	722.0	634.7	587.4	481.9	649.3
57.5°	654.7	547.4	501.9	432.8	638.3
60°	592.8	461.9	427.4	380.1	585.6
62.5°	541.9	398.3	391.0	343.7	531.0
65°	487.4	354.6	352.8	312.8	451.0
67.5°	434.6	325.5	323.7	283.7	343.7
70°	378.3	294.6	291.0	252.8	254.6
72.5°	320.1	260.1	256.4	227.3	211.0
75°	261.9	220.1	218.2	198.2	171.0
77.5°	205.5	174.5	178.2	160.0	125.4
80°	147.3	127.3	131.0	114.5	94.5
82.5°	98.2	83.7	87.3	72.8	63.7
85°	54.6	47.3	49.1	38.2	29.1
87.5°	25.4	21.8	21.8	14.6	9.1
90°	25.2	16.1	14.9	10.3	5.7
92.5°	155.4	110.5	100.8	61.9	22.9
95°	382.3	215.3	197.5	126.2	55.0
97.5°	514.9	236.5	220.8	157.9	95.1
100°	563.2	254.2	240.0	183.0	126.0
102.5°	585.4	272.0	258.7	205.6	152.3
105°	601.8	298.3	287.1	242.0	196.9
107.5°	604.9	337.3	326.8	284.8	242.7
110°	600.3	359.0	349.6	311.6	273.7



TEST NUMBER: P935264

CATALOG NUMBER: SQ4-FA-100U-100D-93050-1D-UNV-STD-W-6-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	600.4	385.3	376.3	340.2	304.0
115°	606.0	424.8	416.4	383.1	349.8
117.5°	617.1	463.2	455.6	425.4	395.1
120°	626.4	485.6	478.4	449.9	421.4
122.5°	639.5	511.9	504.7	475.9	447.2
125°	657.3	545.7	539.1	512.9	486.7
127.5°	675.1	578.3	571.7	545.2	518.8
130°	688.1	600.1	592.9	564.5	535.9
132.5°	698.5	617.8	610.6	582.2	553.6
135°	710.0	638.4	631.9	606.0	580.0
137.5°	727.2	664.8	658.4	632.6	606.9
140°	737.6	682.5	676.6	652.9	629.3
142.5°	746.5	695.7	690.2	668.4	646.4
145°	757.9	715.7	710.9	691.9	672.8
147.5°	774.6	740.9	736.2	717.6	699.1
150°	783.4	754.1	749.8	733.1	716.3
152.5°	789.2	762.7	759.5	746.8	734.1
155°	801.8	781.5	779.1	769.8	760.4
157.5°	814.4	800.4	798.1	789.0	779.9
160°	820.1	809.0	807.3	800.1	793.0
162.5°	826.2	818.2	816.8	811.5	806.2
165°	835.0	831.3	830.1	825.3	820.5
167.5°	841.8	838.8	838.2	835.9	833.6
170°	847.6	847.4	846.8	844.6	842.3
172.5°	848.0	848.0	847.9	847.3	846.8
175°	851.3	853.1	853.1	853.1	853.1
177.5°	851.8	853.1	853.1	853.1	853.1
180°	853.1	853.1	853.1	853.1	853.1



TEST NUMBER: P935264
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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	13.16	14.00	14.14	14.99	16.30	15.98	16.82	16.96	17.82	19.12
	3H	13.64	14.39	14.63	15.39	16.72	17.33	18.08	18.32	19.08	20.41
	4H	13.83	14.54	14.83	15.54	16.88	17.77	18.48	18.77	19.49	20.82
	6H	13.94	14.60	14.96	15.61	16.96	18.05	18.71	19.07	19.72	21.07
	8H	13.94	14.57	14.96	15.59	16.94	18.12	18.75	19.14	19.77	21.12
	12H	13.91	14.51	14.94	15.53	16.90	18.16	18.75	19.19	19.77	21.15
4H	2H	14.19	14.90	15.20	15.90	17.24	16.39	17.10	17.40	18.11	19.44
	3H	15.21	15.81	16.23	16.84	18.19	17.89	18.49	18.91	19.52	20.87
	4H	15.49	16.03	16.52	17.06	18.43	18.42	18.96	19.45	19.99	21.36
	6H	15.61	16.08	16.65	17.13	18.50	18.78	19.25	19.82	20.30	21.67
	8H	15.62	16.05	16.66	17.10	18.48	18.89	19.32	19.93	20.36	21.75
	12H	15.58	15.98	16.64	17.03	18.42	18.94	19.34	20.00	20.39	21.78
8H	4H	15.94	16.38	16.98	17.42	18.80	18.54	18.98	19.58	20.02	21.41
	6H	16.20	16.56	17.26	17.64	19.03	18.98	19.34	20.04	20.42	21.80
	8H	16.24	16.56	17.31	17.63	19.03	19.13	19.44	20.20	20.51	21.91
	12H	16.23	16.50	17.30	17.57	19.01	19.22	19.50	20.30	20.57	22.01
12H	4H	15.95	16.34	17.00	17.40	18.79	18.51	18.90	19.56	19.96	21.35
	6H	16.26	16.58	17.33	17.65	19.05	18.97	19.29	20.04	20.36	21.76
	8H	16.33	16.61	17.40	17.67	19.11	19.13	19.41	20.21	20.47	21.92