

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: P935187

Luminaire Tested: SQ4-FA-100U-075D-B2750-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935187
REPORT IS A COMBINATION OF REPORTS P933743 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-075D-B2750-1D-UNV-STD-W-6-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

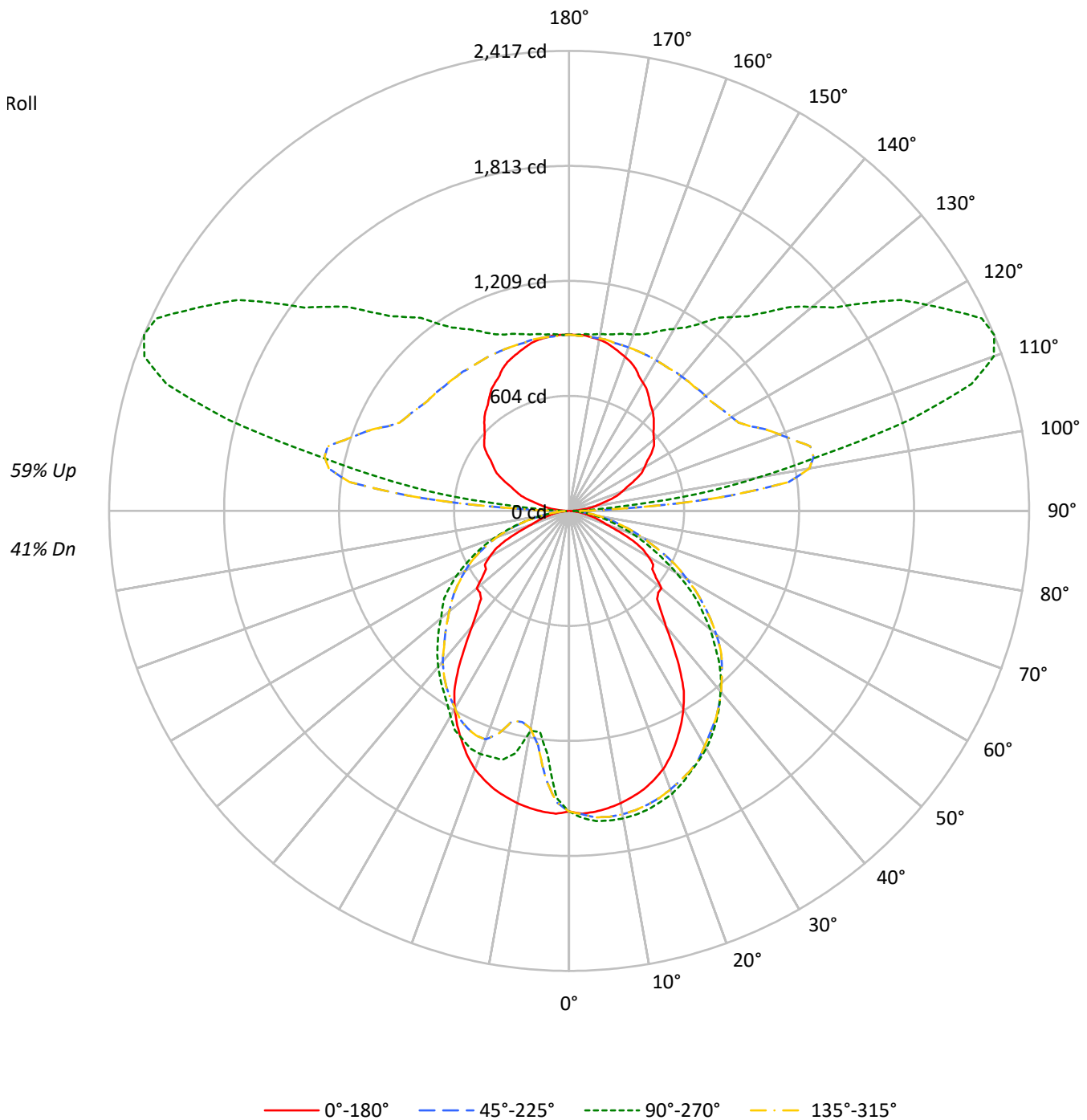
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10100.4 lumens
Efficiency: N/A
Efficacy: 136.9 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): 73.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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CATALOG NUMBER: SQ4-FA-100U-075D-B2750-1D-UNV-STD-W-6-2700K

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	105	105	105	105	96	96	96	96	78	78	78	62	62	62	47	47	47	47	47	47	41
1	96	91	88	84	87	83	80	77	68	66	64	55	53	52	42	41	40	40	40	40	34
2	87	80	74	69	79	73	68	63	60	56	53	48	45	43	37	35	34	34	34	34	29
3	79	70	63	57	72	64	58	53	53	48	45	42	39	37	33	31	29	29	29	29	24
4	73	62	54	48	66	57	50	45	47	42	38	38	34	31	29	27	25	25	25	25	21
5	67	55	47	41	60	51	44	38	42	37	33	34	30	27	26	24	22	22	22	22	18
6	61	49	41	36	56	45	38	33	38	32	28	31	27	24	24	21	19	19	19	19	16
7	57	45	37	31	51	41	34	29	34	29	25	28	24	21	22	19	17	17	17	17	14
8	52	40	33	27	48	37	30	26	31	26	22	25	21	18	20	17	15	15	15	15	13
9	49	37	29	24	44	34	27	23	28	23	20	23	19	17	18	16	13	13	13	13	11
10	46	34	26	22	41	31	25	20	26	21	18	21	18	15	17	14	12	12	12	12	10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9769	9769	9769	9769
5°	9838	9861	9838	7754
10°	9769	9714	9769	6945
15°	9659	9503	9659	7936
20°	9453	9254	9453	7952
25°	9036	8890	9036	7784
30°	8499	8588	8499	7414
35°	7572	8207	7572	7007
40°	6306	7757	6306	6700
45°	5631	7231	5631	6347
50°	5978	6603	5978	5992
55°	5619	5927	5619	5787
60°	5785	5034	5785	5301
65°	5236	4161	5236	4652
70°	3618	3317	3618	3899
75°	3159	2452	3159	2936
80°	2529	1621	2529	1765
85°	1425	859	1425	730

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8636 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.5	1.4
10°-20°	404.7	4.0
20°-30°	625.6	6.2
30°-40°	746.9	7.4
40°-50°	751.3	7.4
50°-60°	653.7	6.5
60°-70°	463.5	4.6
70°-80°	245.2	2.4
80°-90°	64.6	0.6
90°-100°	451.3	4.5
100°-110°	1186.6	11.7
110°-120°	1230.4	12.2
120°-130°	986.9	9.8
130°-140°	774.4	7.7
140°-150°	594.4	5.9
150°-160°	428.0	4.2
160°-170°	261.9	2.6
170°-180°	88.5	0.9
0°-30°	1172.9	11.6
0°-40°	1919.8	19.0
0°-60°	3324.7	32.9
0°-90°	4098.0	40.6
90°-120°	2868.3	28.4
90°-150°	5223.9	51.7
90°-180°	6002.0	59.4
0°-180°	10100.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1579	1579	1579	1579	1579	
5°	1587	1636	1587	1286	1587	151
15°	1515	1621	1515	1354	1515	426
25°	1334	1512	1334	1324	1334	613
35°	1014	1349	1014	1152	1014	628
45°	654	1112	654	976	654	524
55°	533	820	533	801	533	490
65°	370	494	370	553	370	354
75°	140	235	140	281	140	148
85°	24	60	24	51	24	32
90°	6	24	6	24	6	6
95°	60	273	60	273	60	66
105°	214	1858	214	1858	214	227
115°	380	2392	380	2392	380	375
125°	528	1905	528	1905	528	469
135°	630	1478	630	1478	630	487
145°	730	1199	730	1199	730	457
155°	825	1033	825	1033	825	379
165°	890	962	890	962	890	251
175°	926	932	926	932	926	88
180°	926	926	926	926	926	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2
2.5°	1592.6	1592.6	1601.6	1604.6	1604.6	1600.1	1595.6	1600.1	1613.5	1618.0	1616.5
5°	1586.6	1598.6	1615.0	1618.0	1621.0	1619.5	1616.5	1619.5	1634.4	1637.4	1638.9
7.5°	1574.7	1597.1	1618.0	1622.5	1627.0	1622.5	1621.0	1624.0	1638.9	1641.9	1641.9
10°	1559.7	1591.1	1615.0	1618.0	1622.5	1618.0	1618.0	1624.0	1638.9	1641.9	1643.4
12.5°	1538.8	1582.1	1604.6	1607.5	1613.5	1612.0	1610.5	1616.5	1631.4	1634.4	1634.4
15°	1514.9	1565.7	1586.6	1589.6	1600.1	1597.1	1597.1	1603.1	1619.5	1624.0	1622.5
17.5°	1482.0	1544.8	1568.7	1573.2	1580.7	1579.2	1580.7	1586.6	1601.6	1604.6	1606.0
20°	1444.7	1516.4	1544.8	1549.3	1556.7	1556.7	1556.7	1564.2	1579.2	1585.1	1585.1
22.5°	1393.9	1486.5	1516.4	1519.4	1528.4	1528.4	1531.4	1541.8	1555.3	1556.7	1556.7
25°	1334.1	1453.7	1479.1	1488.0	1497.0	1501.5	1506.0	1511.9	1516.4	1514.9	1516.4
27.5°	1271.4	1411.8	1444.7	1450.7	1462.6	1467.1	1473.1	1474.6	1476.1	1480.6	1477.6
30°	1201.2	1353.6	1402.9	1408.8	1428.3	1431.3	1425.3	1428.3	1435.7	1438.7	1441.7
32.5°	1122.0	1266.9	1359.5	1373.0	1390.9	1382.0	1380.5	1384.9	1396.9	1396.9	1399.9
35°	1014.4	1199.7	1319.2	1331.2	1344.6	1334.1	1340.1	1341.6	1349.1	1353.6	1352.1
37.5°	896.4	1141.4	1277.4	1286.3	1296.8	1283.3	1292.3	1296.8	1302.8	1299.8	1299.8
40°	791.8	1050.3	1228.1	1234.0	1243.0	1232.6	1241.5	1244.5	1247.5	1244.5	1243.0
42.5°	714.1	950.2	1175.8	1183.2	1177.3	1184.7	1187.7	1193.7	1189.2	1183.2	1183.2
45°	654.4	923.3	1119.0	1128.0	1119.0	1131.0	1135.4	1135.4	1122.0	1119.0	1117.5
47.5°	635.0	869.5	1062.2	1062.2	1057.8	1072.7	1080.2	1069.7	1056.3	1051.8	1051.8
50°	633.5	809.7	984.5	978.6	999.5	1017.4	1009.9	999.5	989.0	972.6	972.6
52.5°	575.2	736.5	884.4	906.9	939.7	950.2	938.2	927.8	909.8	902.4	896.4
55°	533.4	660.3	793.3	838.1	872.5	885.9	863.5	853.1	826.2	821.7	818.7
57.5°	524.4	549.8	709.6	766.4	808.3	806.8	793.3	773.9	751.5	747.0	745.5
60°	481.1	397.4	620.0	687.2	730.6	726.1	714.1	696.2	675.3	672.3	669.3
62.5°	436.2	288.3	518.4	594.6	655.9	654.4	643.9	617.0	602.1	594.6	588.6
65°	370.5	242.0	369.0	494.5	582.7	585.6	563.2	543.8	527.4	518.4	516.9
67.5°	282.4	197.2	249.5	412.3	512.4	509.5	481.1	472.1	451.2	446.7	437.7
70°	209.2	131.5	173.3	334.7	443.7	436.2	413.8	403.4	384.0	373.5	367.5
72.5°	173.3	106.1	127.0	260.0	373.5	364.5	345.1	333.2	316.7	307.8	301.8
75°	140.4	112.0	97.1	192.7	303.3	297.3	279.4	267.4	254.0	242.0	243.5
77.5°	103.1	104.6	77.7	141.9	240.5	231.6	221.1	206.2	200.2	188.2	188.2
80°	77.7	82.2	58.3	97.1	173.3	173.3	164.3	153.9	143.4	137.4	137.4
82.5°	52.3	52.3	43.3	61.3	118.0	113.5	107.6	104.6	98.6	95.6	95.6
85°	23.9	29.9	26.9	37.4	64.2	67.2	67.2	64.2	62.7	59.8	61.3
87.5°	7.5	13.4	16.4	20.9	32.9	34.4	35.9	35.9	35.9	37.4	37.4
90°	6.2	11.2	16.1	17.4	27.4	40.6	47.2	41.9	31.5	23.6	23.6
92.5°	24.9	67.1	109.4	119.9	168.6	233.5	265.9	233.1	167.3	118.0	113.3
95°	59.7	137.0	214.3	233.7	414.9	656.6	777.4	693.7	526.3	400.8	386.5
97.5°	103.2	171.4	239.6	256.7	558.9	961.8	1163.3	1110.4	1004.7	925.3	898.2
100°	136.8	198.6	260.5	275.9	611.2	1058.3	1282.0	1285.8	1293.6	1299.4	1267.1
102.5°	165.3	223.1	280.8	295.2	635.3	1088.8	1315.5	1382.9	1517.7	1618.8	1591.2
105°	213.7	262.6	311.5	323.8	653.2	1092.3	1311.8	1462.9	1765.0	1991.6	1976.8
107.5°	263.4	309.1	354.7	366.0	656.5	1043.6	1237.2	1448.0	1869.4	2185.5	2189.1
110°	297.0	338.1	379.4	389.6	651.5	1000.6	1175.1	1410.6	1881.8	2235.2	2250.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	330.0	369.2	408.5	418.2	651.7	962.9	1118.5	1359.6	1841.9	2203.6	2227.3
115°	379.7	415.8	452.0	461.0	657.7	919.7	1050.8	1283.0	1747.7	2096.1	2129.0
117.5°	428.8	461.6	494.5	502.7	669.8	892.7	1004.2	1213.8	1633.0	1947.5	1984.0
120°	457.4	488.3	519.2	527.0	679.9	883.7	985.5	1177.1	1560.1	1847.5	1882.9
122.5°	485.4	516.5	547.8	555.6	694.1	878.9	971.3	1143.8	1488.7	1747.4	1782.4
125°	528.2	556.7	585.2	592.2	713.4	875.0	955.8	1102.3	1395.3	1615.1	1647.4
127.5°	563.0	591.7	620.5	627.7	732.7	872.7	942.7	1068.5	1320.1	1508.8	1536.0
130°	581.7	612.6	643.5	651.3	746.8	874.1	937.7	1049.7	1273.7	1441.7	1466.8
132.5°	600.9	631.9	662.7	670.5	758.2	875.0	933.4	1033.6	1234.1	1384.5	1407.0
135°	629.5	657.7	685.8	692.9	770.6	874.1	925.9	1009.8	1177.8	1303.8	1323.2
137.5°	658.7	686.5	714.5	721.5	789.2	879.6	924.7	995.7	1137.6	1244.1	1259.9
140°	683.0	708.7	734.4	740.7	800.6	880.4	920.3	981.7	1104.3	1196.2	1211.0
142.5°	701.6	725.4	749.1	755.1	810.1	883.6	920.3	974.2	1081.9	1162.6	1175.4
145°	730.2	750.9	771.6	776.8	822.6	883.7	914.1	958.2	1046.3	1112.3	1122.0
147.5°	758.8	778.9	799.0	804.1	840.7	889.6	914.1	948.8	1018.1	1070.1	1078.1
150°	777.4	795.6	813.8	818.4	850.3	892.8	914.1	943.4	1001.9	1045.8	1052.3
152.5°	796.7	810.5	824.3	827.8	856.6	894.9	914.1	939.1	989.1	1026.6	1031.5
155°	825.3	835.4	845.6	848.2	870.2	899.5	914.1	934.0	973.8	1003.6	1006.9
157.5°	846.4	856.4	866.2	868.7	883.9	904.1	914.1	929.6	960.5	983.7	986.0
160°	860.6	868.4	876.2	878.1	890.1	906.2	914.1	927.4	953.9	973.8	975.1
162.5°	875.0	880.8	886.5	888.0	896.7	908.4	914.1	925.3	947.7	964.4	965.6
165°	890.5	895.7	901.0	902.3	906.3	911.5	914.1	922.1	938.1	950.2	951.5
167.5°	904.8	907.3	909.7	910.3	913.6	918.1	920.3	925.6	936.0	943.9	944.5
170°	914.1	916.6	919.1	919.7	919.9	920.2	920.3	925.6	936.0	943.9	943.9
172.5°	919.1	919.6	920.2	920.3	920.3	920.3	920.3	924.5	932.8	938.9	938.4
175°	925.9	925.9	925.9	925.9	924.0	921.5	920.3	922.9	928.2	932.2	932.2
177.5°	925.9	925.9	925.9	925.9	924.5	922.6	921.6	923.7	927.8	930.9	930.3
180°	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2
2.5°	1619.5	1615.0	1619.5	1616.5	1618.0	1613.5	1600.1	1595.6	1600.1	1604.6	1604.6
5°	1638.9	1635.9	1638.9	1638.9	1637.4	1634.4	1619.5	1616.5	1619.5	1621.0	1618.0
7.5°	1644.9	1640.4	1644.9	1641.9	1641.9	1638.9	1624.0	1621.0	1622.5	1627.0	1622.5
10°	1644.9	1640.4	1644.9	1643.4	1641.9	1638.9	1624.0	1618.0	1618.0	1622.5	1618.0
12.5°	1637.4	1634.4	1637.4	1634.4	1634.4	1631.4	1616.5	1610.5	1612.0	1613.5	1607.5
15°	1625.5	1621.0	1625.5	1622.5	1624.0	1619.5	1603.1	1597.1	1597.1	1600.1	1589.6
17.5°	1607.5	1601.6	1607.5	1606.0	1604.6	1601.6	1586.6	1580.7	1579.2	1580.7	1573.2
20°	1586.6	1582.1	1586.6	1585.1	1585.1	1579.2	1564.2	1556.7	1556.7	1556.7	1549.3
22.5°	1553.8	1549.3	1553.8	1556.7	1556.7	1555.3	1541.8	1531.4	1528.4	1528.4	1519.4
25°	1516.4	1511.9	1516.4	1516.4	1514.9	1516.4	1511.9	1506.0	1501.5	1497.0	1488.0
27.5°	1480.6	1477.6	1480.6	1477.6	1480.6	1476.1	1474.6	1473.1	1467.1	1462.6	1450.7
30°	1444.7	1441.7	1444.7	1441.7	1438.7	1435.7	1428.3	1425.3	1431.3	1428.3	1408.8
32.5°	1399.9	1396.9	1399.9	1399.9	1396.9	1396.9	1384.9	1380.5	1382.0	1390.9	1373.0
35°	1353.6	1349.1	1353.6	1352.1	1353.6	1349.1	1341.6	1340.1	1334.1	1344.6	1331.2
37.5°	1299.8	1295.3	1299.8	1299.8	1299.8	1302.8	1296.8	1292.3	1283.3	1296.8	1286.3
40°	1244.5	1238.5	1244.5	1243.0	1244.5	1247.5	1244.5	1241.5	1232.6	1243.0	1234.0
42.5°	1181.8	1180.3	1181.8	1183.2	1183.2	1189.2	1193.7	1187.7	1184.7	1177.3	1183.2
45°	1114.5	1111.5	1114.5	1117.5	1119.0	1122.0	1135.4	1135.4	1131.0	1119.0	1128.0
47.5°	1042.8	1035.3	1042.8	1051.8	1051.8	1056.3	1069.7	1080.2	1072.7	1057.8	1062.2
50°	966.6	968.1	966.6	972.6	972.6	989.0	999.5	1009.9	1017.4	999.5	978.6
52.5°	891.9	890.4	891.9	896.4	902.4	909.8	927.8	938.2	950.2	939.7	906.9
55°	817.2	820.2	817.2	818.7	821.7	826.2	853.1	863.5	885.9	872.5	838.1
57.5°	742.5	738.0	742.5	745.5	747.0	751.5	773.9	793.3	806.8	808.3	766.4
60°	655.9	649.9	655.9	669.3	672.3	675.3	696.2	714.1	726.1	730.6	687.2
62.5°	579.7	569.2	579.7	588.6	594.6	602.1	617.0	643.9	654.4	655.9	594.6
65°	499.0	494.5	499.0	516.9	518.4	527.4	543.8	563.2	585.6	582.7	494.5
67.5°	425.8	425.8	425.8	437.7	446.7	451.2	472.1	481.1	509.5	512.4	412.3
70°	358.6	357.1	358.6	367.5	373.5	384.0	403.4	413.8	436.2	443.7	334.7
72.5°	294.3	292.8	294.3	301.8	307.8	316.7	333.2	345.1	364.5	373.5	260.0
75°	237.5	234.6	237.5	243.5	242.0	254.0	267.4	279.4	297.3	303.3	192.7
77.5°	182.3	182.3	182.3	188.2	188.2	200.2	206.2	221.1	231.6	240.5	141.9
80°	136.0	134.5	136.0	137.4	137.4	143.4	153.9	164.3	173.3	173.3	97.1
82.5°	95.6	92.6	95.6	95.6	95.6	98.6	104.6	107.6	113.5	118.0	61.3
85°	59.8	59.8	59.8	61.3	59.8	62.7	64.2	67.2	67.2	64.2	37.4
87.5°	38.8	37.4	38.8	37.4	37.4	35.9	35.9	35.9	34.4	32.9	20.9
90°	23.6	23.6	23.6	23.6	23.6	31.5	41.9	47.2	40.6	27.4	17.4
92.5°	94.5	75.8	94.5	113.3	118.0	167.3	233.1	265.9	233.5	168.6	119.9
95°	329.7	272.8	329.7	386.5	400.8	526.3	693.7	777.4	656.6	414.9	233.7
97.5°	789.9	681.7	789.9	898.2	925.3	1004.7	1110.4	1163.3	961.8	558.9	256.7
100°	1138.1	1009.1	1138.1	1267.1	1299.4	1293.6	1285.8	1282.0	1058.3	611.2	275.9
102.5°	1480.7	1370.2	1480.7	1591.2	1618.8	1517.7	1382.9	1315.5	1088.8	635.3	295.2
105°	1917.4	1858.0	1917.4	1976.8	1991.6	1765.0	1462.9	1311.8	1092.3	653.2	323.8
107.5°	2203.6	2217.9	2203.6	2189.1	2185.5	1869.4	1448.0	1237.2	1043.6	656.5	366.0
110°	2312.6	2374.5	2312.6	2250.7	2235.2	1881.8	1410.6	1175.1	1000.6	651.5	389.6



TEST NUMBER: P935187

CATALOG NUMBER: SQ4-FA-100U-075D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2322.3	2417.3	2322.3	2227.3	2203.6	1841.9	1359.6	1118.5	962.9	651.7	418.2
115°	2260.7	2392.5	2260.7	2129.0	2096.1	1747.7	1283.0	1050.8	919.7	657.7	461.0
117.5°	2130.1	2276.3	2130.1	1984.0	1947.5	1633.0	1213.8	1004.2	892.7	669.8	502.7
120°	2025.0	2166.9	2025.0	1882.9	1847.5	1560.1	1177.1	985.5	883.7	679.9	527.0
122.5°	1922.5	2062.5	1922.5	1782.4	1747.4	1488.7	1143.8	971.3	878.9	694.1	555.6
125°	1776.3	1905.2	1776.3	1647.4	1615.1	1395.3	1102.3	955.8	875.0	713.4	592.2
127.5°	1644.9	1753.7	1644.9	1536.0	1508.8	1320.1	1068.5	942.7	872.7	732.7	627.7
130°	1567.4	1667.9	1567.4	1466.8	1441.7	1273.7	1049.7	937.7	874.1	746.8	651.3
132.5°	1497.1	1587.1	1497.1	1407.0	1384.5	1234.1	1033.6	933.4	875.0	758.2	670.5
135°	1400.8	1478.4	1400.8	1323.2	1303.8	1177.8	1009.8	925.9	874.1	770.6	692.9
137.5°	1323.5	1387.0	1323.5	1259.9	1244.1	1137.6	995.7	924.7	879.6	789.2	721.5
140°	1270.5	1329.9	1270.5	1211.0	1196.2	1104.3	981.7	920.3	880.4	800.6	740.7
142.5°	1226.6	1277.7	1226.6	1175.4	1162.6	1081.9	974.2	920.3	883.6	810.1	755.1
145°	1160.7	1199.4	1160.7	1122.0	1112.3	1046.3	958.2	914.1	883.7	822.6	776.8
147.5°	1110.1	1142.2	1110.1	1078.1	1070.1	1018.1	948.8	914.1	889.6	840.7	804.1
150°	1078.3	1104.3	1078.3	1052.3	1045.8	1001.9	943.4	914.1	892.8	850.3	818.4
152.5°	1051.1	1070.7	1051.1	1031.5	1026.6	989.1	939.1	914.1	894.9	856.6	827.8
155°	1019.8	1032.8	1019.8	1006.9	1003.6	973.8	934.0	914.1	899.5	870.2	848.2
157.5°	995.1	1004.2	995.1	986.0	983.7	960.5	929.6	914.1	904.1	883.9	868.7
160°	980.4	985.5	980.4	975.1	973.8	953.9	927.4	914.1	906.2	890.1	878.1
162.5°	970.6	975.6	970.6	965.6	964.4	947.7	925.3	914.1	908.4	896.7	888.0
165°	956.8	961.9	956.8	951.5	950.2	938.1	922.1	914.1	911.5	906.3	902.3
167.5°	946.7	948.9	946.7	944.5	943.9	936.0	925.6	920.3	918.1	913.6	910.3
170°	943.9	943.9	943.9	943.9	943.9	936.0	925.6	920.3	920.2	919.9	919.7
172.5°	936.5	934.6	936.5	938.4	938.9	932.8	924.5	920.3	920.3	920.3	920.3
175°	932.2	932.2	932.2	932.2	932.2	928.2	922.9	920.3	921.5	924.0	925.9
177.5°	928.1	925.9	928.1	930.3	930.9	927.8	923.7	921.6	922.6	924.5	925.9
180°	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9



TEST NUMBER: P935187

CATALOG NUMBER: SQ4-FA-100U-075D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2
2.5°	1601.6	1592.6	1592.6	1577.7	1571.7	1567.2	1559.7	1537.3	1531.4	1525.4	1534.3
5°	1615.0	1598.6	1586.6	1559.7	1537.3	1528.4	1500.0	1446.2	1410.3	1383.4	1368.5
7.5°	1618.0	1597.1	1574.7	1532.8	1479.1	1455.2	1368.5	1269.9	1243.0	1219.1	1204.2
10°	1615.0	1591.1	1559.7	1497.0	1370.0	1328.2	1241.5	1177.3	1160.8	1156.4	1160.8
12.5°	1604.6	1582.1	1538.8	1434.2	1256.5	1228.1	1177.3	1139.9	1136.9	1144.4	1184.7
15°	1586.6	1565.7	1514.9	1350.6	1193.7	1172.8	1136.9	1123.5	1139.9	1192.2	1313.2
17.5°	1568.7	1544.8	1482.0	1268.4	1145.9	1131.0	1105.6	1132.5	1225.1	1295.3	1335.6
20°	1544.8	1516.4	1444.7	1208.6	1111.5	1098.1	1086.1	1207.2	1277.4	1302.8	1325.2
22.5°	1516.4	1486.5	1393.9	1166.8	1075.7	1065.2	1072.7	1249.0	1277.4	1295.3	1314.7
25°	1479.1	1453.7	1334.1	1133.9	1047.3	1035.3	1063.7	1244.5	1260.9	1265.4	1304.3
27.5°	1444.7	1411.8	1271.4	1104.1	1012.9	1008.4	1071.2	1225.1	1237.0	1241.5	1283.3
30°	1402.9	1353.6	1201.2	1072.7	977.1	975.6	1072.7	1201.2	1198.2	1210.1	1252.0
32.5°	1359.5	1266.9	1122.0	1033.8	942.7	941.2	1062.2	1165.3	1162.3	1178.8	1210.1
35°	1319.2	1199.7	1014.4	989.0	899.4	900.9	1036.8	1123.5	1125.0	1139.9	1159.3
37.5°	1277.4	1141.4	896.4	939.7	857.6	857.6	1002.5	1084.6	1081.7	1086.1	1113.0
40°	1228.1	1050.3	791.8	875.5	818.7	814.2	960.6	1042.8	1032.4	1030.9	1068.2
42.5°	1175.8	950.2	714.1	790.3	773.9	767.9	909.8	992.0	972.6	977.1	1024.9
45°	1119.0	923.3	654.4	667.8	727.6	723.1	854.6	933.8	920.3	932.3	981.6
47.5°	1062.2	869.5	635.0	554.3	678.3	676.8	793.3	877.0	869.5	881.5	933.8
50°	984.5	809.7	633.5	475.1	623.0	629.0	720.1	821.7	821.7	832.2	887.4
52.5°	884.4	736.5	575.2	430.3	558.8	576.7	655.9	773.9	776.9	787.3	836.6
55°	793.3	660.3	533.4	395.9	482.6	521.4	593.1	724.6	730.6	741.0	785.8
57.5°	709.6	549.8	524.4	355.6	412.3	449.7	537.8	676.8	679.8	688.7	732.1
60°	620.0	397.4	481.1	312.2	351.1	379.5	487.0	620.0	630.5	636.4	673.8
62.5°	518.4	288.3	436.2	282.4	321.2	327.2	445.2	566.2	579.7	584.2	606.6
65°	369.0	242.0	370.5	257.0	289.8	291.3	400.4	510.9	522.9	530.4	546.8
67.5°	249.5	197.2	282.4	233.1	265.9	267.4	357.1	446.7	463.1	469.1	479.6
70°	173.3	131.5	209.2	207.7	239.0	242.0	310.8	388.4	403.4	407.9	413.8
72.5°	127.0	106.1	173.3	186.8	210.7	213.6	262.9	322.7	337.6	342.1	345.1
75°	97.1	112.0	140.4	162.8	179.3	180.8	215.1	262.9	273.4	276.4	277.9
77.5°	77.7	104.6	103.1	131.5	146.4	143.4	168.8	203.2	212.1	212.1	212.1
80°	58.3	82.2	77.7	94.1	107.6	104.6	121.0	144.9	147.9	150.9	149.4
82.5°	43.3	52.3	52.3	59.8	71.7	68.7	80.7	94.1	94.1	94.1	97.1
85°	26.9	29.9	23.9	31.4	40.3	38.8	44.8	50.8	52.3	52.3	49.3
87.5°	16.4	13.4	7.5	12.0	17.9	17.9	20.9	22.4	20.9	20.9	20.9
90°	16.1	11.2	6.2	11.2	16.1	17.4	27.4	40.6	47.2	41.9	31.5
92.5°	109.4	67.1	24.9	67.1	109.4	119.9	168.6	233.5	265.9	233.1	167.3
95°	214.3	137.0	59.7	137.0	214.3	233.7	414.9	656.6	777.4	693.7	526.3
97.5°	239.6	171.4	103.2	171.4	239.6	256.7	558.9	961.8	1163.3	1110.4	1004.7
100°	260.5	198.6	136.8	198.6	260.5	275.9	611.2	1058.3	1282.0	1285.8	1293.6
102.5°	280.8	223.1	165.3	223.1	280.8	295.2	635.3	1088.8	1315.5	1382.9	1517.7
105°	311.5	262.6	213.7	262.6	311.5	323.8	653.2	1092.3	1311.8	1462.9	1765.0
107.5°	354.7	309.1	263.4	309.1	354.7	366.0	656.5	1043.6	1237.2	1448.0	1869.4
110°	379.4	338.1	297.0	338.1	379.4	389.6	651.5	1000.6	1175.1	1410.6	1881.8



TEST NUMBER: P935187

CATALOG NUMBER: SQ4-FA-100U-075D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	408.5	369.2	330.0	369.2	408.5	418.2	651.7	962.9	1118.5	1359.6	1841.9
115°	452.0	415.8	379.7	415.8	452.0	461.0	657.7	919.7	1050.8	1283.0	1747.7
117.5°	494.5	461.6	428.8	461.6	494.5	502.7	669.8	892.7	1004.2	1213.8	1633.0
120°	519.2	488.3	457.4	488.3	519.2	527.0	679.9	883.7	985.5	1177.1	1560.1
122.5°	547.8	516.5	485.4	516.5	547.8	555.6	694.1	878.9	971.3	1143.8	1488.7
125°	585.2	556.7	528.2	556.7	585.2	592.2	713.4	875.0	955.8	1102.3	1395.3
127.5°	620.5	591.7	563.0	591.7	620.5	627.7	732.7	872.7	942.7	1068.5	1320.1
130°	643.5	612.6	581.7	612.6	643.5	651.3	746.8	874.1	937.7	1049.7	1273.7
132.5°	662.7	631.9	600.9	631.9	662.7	670.5	758.2	875.0	933.4	1033.6	1234.1
135°	685.8	657.7	629.5	657.7	685.8	692.9	770.6	874.1	925.9	1009.8	1177.8
137.5°	714.5	686.5	658.7	686.5	714.5	721.5	789.2	879.6	924.7	995.7	1137.6
140°	734.4	708.7	683.0	708.7	734.4	740.7	800.6	880.4	920.3	981.7	1104.3
142.5°	749.1	725.4	701.6	725.4	749.1	755.1	810.1	883.6	920.3	974.2	1081.9
145°	771.6	750.9	730.2	750.9	771.6	776.8	822.6	883.7	914.1	958.2	1046.3
147.5°	799.0	778.9	758.8	778.9	799.0	804.1	840.7	889.6	914.1	948.8	1018.1
150°	813.8	795.6	777.4	795.6	813.8	818.4	850.3	892.8	914.1	943.4	1001.9
152.5°	824.3	810.5	796.7	810.5	824.3	827.8	856.6	894.9	914.1	939.1	989.1
155°	845.6	835.4	825.3	835.4	845.6	848.2	870.2	899.5	914.1	934.0	973.8
157.5°	866.2	856.4	846.4	856.4	866.2	868.7	883.9	904.1	914.1	929.6	960.5
160°	876.2	868.4	860.6	868.4	876.2	878.1	890.1	906.2	914.1	927.4	953.9
162.5°	886.5	880.8	875.0	880.8	886.5	888.0	896.7	908.4	914.1	925.3	947.7
165°	901.0	895.7	890.5	895.7	901.0	902.3	906.3	911.5	914.1	922.1	938.1
167.5°	909.7	907.3	904.8	907.3	909.7	910.3	913.6	918.1	920.3	925.6	936.0
170°	919.1	916.6	914.1	916.6	919.1	919.7	919.9	920.2	920.3	925.6	936.0
172.5°	920.2	919.6	919.1	919.6	920.2	920.3	920.3	920.3	920.3	924.5	932.8
175°	925.9	925.9	925.9	925.9	925.9	925.9	924.0	921.5	920.3	922.9	928.2
177.5°	925.9	925.9	925.9	925.9	925.9	925.9	924.5	922.6	921.6	923.7	927.8
180°	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9



TEST NUMBER: P935187

CATALOG NUMBER: SQ4-FA-100U-075D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2
2.5°	1523.9	1519.4	1525.4	1508.9	1525.4	1519.4	1523.9	1534.3	1525.4	1531.4	1537.3
5°	1337.1	1329.7	1305.8	1286.3	1305.8	1329.7	1337.1	1368.5	1383.4	1410.3	1446.2
7.5°	1195.2	1189.2	1183.2	1171.3	1183.2	1189.2	1195.2	1204.2	1219.1	1243.0	1269.9
10°	1163.8	1165.3	1174.3	1172.8	1174.3	1165.3	1163.8	1160.8	1156.4	1160.8	1177.3
12.5°	1244.5	1257.9	1307.2	1304.3	1307.2	1257.9	1244.5	1184.7	1144.4	1136.9	1139.9
15°	1337.1	1341.6	1352.1	1353.6	1352.1	1341.6	1337.1	1313.2	1192.2	1139.9	1123.5
17.5°	1346.1	1347.6	1355.1	1355.1	1355.1	1347.6	1346.1	1335.6	1295.3	1225.1	1132.5
20°	1338.6	1341.6	1356.6	1359.5	1356.6	1341.6	1338.6	1325.2	1302.8	1277.4	1207.2
22.5°	1335.6	1341.6	1353.6	1352.1	1353.6	1341.6	1335.6	1314.7	1295.3	1277.4	1249.0
25°	1320.7	1320.7	1322.2	1323.7	1322.2	1320.7	1320.7	1304.3	1265.4	1260.9	1244.5
27.5°	1289.3	1292.3	1301.3	1299.8	1301.3	1292.3	1289.3	1283.3	1241.5	1237.0	1225.1
30°	1260.9	1257.9	1250.5	1244.5	1250.5	1257.9	1260.9	1252.0	1210.1	1198.2	1201.2
32.5°	1213.1	1205.7	1198.2	1193.7	1198.2	1205.7	1213.1	1210.1	1178.8	1162.3	1165.3
35°	1156.4	1157.8	1156.4	1151.9	1156.4	1157.8	1156.4	1159.3	1139.9	1125.0	1123.5
37.5°	1116.0	1119.0	1117.5	1111.5	1117.5	1119.0	1116.0	1113.0	1086.1	1081.7	1084.6
40°	1074.2	1075.7	1074.2	1069.7	1074.2	1075.7	1074.2	1068.2	1030.9	1032.4	1042.8
42.5°	1033.8	1032.4	1027.9	1024.9	1027.9	1032.4	1033.8	1024.9	977.1	972.6	992.0
45°	987.5	989.0	980.1	975.6	980.1	989.0	987.5	981.6	932.3	920.3	933.8
47.5°	941.2	941.2	933.8	929.3	933.8	941.2	941.2	933.8	881.5	869.5	877.0
50°	891.9	890.4	880.0	878.5	880.0	890.4	891.9	887.4	832.2	821.7	821.7
52.5°	835.1	835.1	836.6	839.6	836.6	835.1	835.1	836.6	787.3	776.9	773.9
55°	785.8	787.3	797.8	800.8	797.8	787.3	785.8	785.8	741.0	730.6	724.6
57.5°	735.0	735.0	742.5	742.5	742.5	735.0	735.0	732.1	688.7	679.8	676.8
60°	676.8	679.8	685.7	684.3	685.7	679.8	676.8	673.8	636.4	630.5	620.0
62.5°	615.5	618.5	620.0	617.0	620.0	618.5	615.5	606.6	584.2	579.7	566.2
65°	551.3	554.3	555.8	552.8	555.8	554.3	551.3	546.8	530.4	522.9	510.9
67.5°	485.6	484.1	482.6	488.5	482.6	484.1	485.6	479.6	469.1	463.1	446.7
70°	418.3	418.3	416.8	419.8	416.8	418.3	418.3	413.8	407.9	403.4	388.4
72.5°	346.6	345.1	351.1	346.6	351.1	345.1	346.6	345.1	342.1	337.6	322.7
75°	276.4	279.4	276.4	280.9	276.4	279.4	276.4	277.9	276.4	273.4	262.9
77.5°	210.7	213.6	210.7	210.7	210.7	213.6	210.7	212.1	212.1	212.1	203.2
80°	149.4	147.9	147.9	146.4	147.9	147.9	149.4	149.4	150.9	147.9	144.9
82.5°	95.6	94.1	94.1	97.1	94.1	94.1	95.6	97.1	94.1	94.1	94.1
85°	52.3	53.8	50.8	50.8	50.8	53.8	52.3	49.3	52.3	52.3	50.8
87.5°	19.4	17.9	17.9	17.9	17.9	17.9	19.4	20.9	20.9	20.9	22.4
90°	23.6	23.6	23.6	23.6	23.6	23.6	23.6	31.5	41.9	47.2	40.6
92.5°	118.0	113.3	94.5	75.8	94.5	113.3	118.0	167.3	233.1	265.9	233.5
95°	400.8	386.5	329.7	272.8	329.7	386.5	400.8	526.3	693.7	777.4	656.6
97.5°	925.3	898.2	789.9	681.7	789.9	898.2	925.3	1004.7	1110.4	1163.3	961.8
100°	1299.4	1267.1	1138.1	1009.1	1138.1	1267.1	1299.4	1293.6	1285.8	1282.0	1058.3
102.5°	1618.8	1591.2	1480.7	1370.2	1480.7	1591.2	1618.8	1517.7	1382.9	1315.5	1088.8
105°	1991.6	1976.8	1917.4	1858.0	1917.4	1976.8	1991.6	1765.0	1462.9	1311.8	1092.3
107.5°	2185.5	2189.1	2203.6	2217.9	2203.6	2189.1	2185.5	1869.4	1448.0	1237.2	1043.6
110°	2235.2	2250.7	2312.6	2374.5	2312.6	2250.7	2235.2	1881.8	1410.6	1175.1	1000.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2203.6	2227.3	2322.3	2417.3	2322.3	2227.3	2203.6	1841.9	1359.6	1118.5	962.9
115°	2096.1	2129.0	2260.7	2392.5	2260.7	2129.0	2096.1	1747.7	1283.0	1050.8	919.7
117.5°	1947.5	1984.0	2130.1	2276.3	2130.1	1984.0	1947.5	1633.0	1213.8	1004.2	892.7
120°	1847.5	1882.9	2025.0	2166.9	2025.0	1882.9	1847.5	1560.1	1177.1	985.5	883.7
122.5°	1747.4	1782.4	1922.5	2062.5	1922.5	1782.4	1747.4	1488.7	1143.8	971.3	878.9
125°	1615.1	1647.4	1776.3	1905.2	1776.3	1647.4	1615.1	1395.3	1102.3	955.8	875.0
127.5°	1508.8	1536.0	1644.9	1753.7	1644.9	1536.0	1508.8	1320.1	1068.5	942.7	872.7
130°	1441.7	1466.8	1567.4	1667.9	1567.4	1466.8	1441.7	1273.7	1049.7	937.7	874.1
132.5°	1384.5	1407.0	1497.1	1587.1	1497.1	1407.0	1384.5	1234.1	1033.6	933.4	875.0
135°	1303.8	1323.2	1400.8	1478.4	1400.8	1323.2	1303.8	1177.8	1009.8	925.9	874.1
137.5°	1244.1	1259.9	1323.5	1387.0	1323.5	1259.9	1244.1	1137.6	995.7	924.7	879.6
140°	1196.2	1211.0	1270.5	1329.9	1270.5	1211.0	1196.2	1104.3	981.7	920.3	880.4
142.5°	1162.6	1175.4	1226.6	1277.7	1226.6	1175.4	1162.6	1081.9	974.2	920.3	883.6
145°	1112.3	1122.0	1160.7	1199.4	1160.7	1122.0	1112.3	1046.3	958.2	914.1	883.7
147.5°	1070.1	1078.1	1110.1	1142.2	1110.1	1078.1	1070.1	1018.1	948.8	914.1	889.6
150°	1045.8	1052.3	1078.3	1104.3	1078.3	1052.3	1045.8	1001.9	943.4	914.1	892.8
152.5°	1026.6	1031.5	1051.1	1070.7	1051.1	1031.5	1026.6	989.1	939.1	914.1	894.9
155°	1003.6	1006.9	1019.8	1032.8	1019.8	1006.9	1003.6	973.8	934.0	914.1	899.5
157.5°	983.7	986.0	995.1	1004.2	995.1	986.0	983.7	960.5	929.6	914.1	904.1
160°	973.8	975.1	980.4	985.5	980.4	975.1	973.8	953.9	927.4	914.1	906.2
162.5°	964.4	965.6	970.6	975.6	970.6	965.6	964.4	947.7	925.3	914.1	908.4
165°	950.2	951.5	956.8	961.9	956.8	951.5	950.2	938.1	922.1	914.1	911.5
167.5°	943.9	944.5	946.7	948.9	946.7	944.5	943.9	936.0	925.6	920.3	918.1
170°	943.9	943.9	943.9	943.9	943.9	943.9	943.9	936.0	925.6	920.3	920.2
172.5°	938.9	938.4	936.5	934.6	936.5	938.4	938.9	932.8	924.5	920.3	920.3
175°	932.2	932.2	932.2	932.2	932.2	932.2	932.2	928.2	922.9	920.3	921.5
177.5°	930.9	930.3	928.1	925.9	928.1	930.3	930.9	927.8	923.7	921.6	922.6
180°	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1579.2	1579.2	1579.2	1579.2	1579.2
2.5°	1559.7	1567.2	1571.7	1577.7	1592.6
5°	1500.0	1528.4	1537.3	1559.7	1586.6
7.5°	1368.5	1455.2	1479.1	1532.8	1574.7
10°	1241.5	1328.2	1370.0	1497.0	1559.7
12.5°	1177.3	1228.1	1256.5	1434.2	1538.8
15°	1136.9	1172.8	1193.7	1350.6	1514.9
17.5°	1105.6	1131.0	1145.9	1268.4	1482.0
20°	1086.1	1098.1	1111.5	1208.6	1444.7
22.5°	1072.7	1065.2	1075.7	1166.8	1393.9
25°	1063.7	1035.3	1047.3	1133.9	1334.1
27.5°	1071.2	1008.4	1012.9	1104.1	1271.4
30°	1072.7	975.6	977.1	1072.7	1201.2
32.5°	1062.2	941.2	942.7	1033.8	1122.0
35°	1036.8	900.9	899.4	989.0	1014.4
37.5°	1002.5	857.6	857.6	939.7	896.4
40°	960.6	814.2	818.7	875.5	791.8
42.5°	909.8	767.9	773.9	790.3	714.1
45°	854.6	723.1	727.6	667.8	654.4
47.5°	793.3	676.8	678.3	554.3	635.0
50°	720.1	629.0	623.0	475.1	633.5
52.5°	655.9	576.7	558.8	430.3	575.2
55°	593.1	521.4	482.6	395.9	533.4
57.5°	537.8	449.7	412.3	355.6	524.4
60°	487.0	379.5	351.1	312.2	481.1
62.5°	445.2	327.2	321.2	282.4	436.2
65°	400.4	291.3	289.8	257.0	370.5
67.5°	357.1	267.4	265.9	233.1	282.4
70°	310.8	242.0	239.0	207.7	209.2
72.5°	262.9	213.6	210.7	186.8	173.3
75°	215.1	180.8	179.3	162.8	140.4
77.5°	168.8	143.4	146.4	131.5	103.1
80°	121.0	104.6	107.6	94.1	77.7
82.5°	80.7	68.7	71.7	59.8	52.3
85°	44.8	38.8	40.3	31.4	23.9
87.5°	20.9	17.9	17.9	12.0	7.5
90°	27.4	17.4	16.1	11.2	6.2
92.5°	168.6	119.9	109.4	67.1	24.9
95°	414.9	233.7	214.3	137.0	59.7
97.5°	558.9	256.7	239.6	171.4	103.2
100°	611.2	275.9	260.5	198.6	136.8
102.5°	635.3	295.2	280.8	223.1	165.3
105°	653.2	323.8	311.5	262.6	213.7
107.5°	656.5	366.0	354.7	309.1	263.4
110°	651.5	389.6	379.4	338.1	297.0



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CATALOG NUMBER: SQ4-FA-100U-075D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	651.7	418.2	408.5	369.2	330.0
115°	657.7	461.0	452.0	415.8	379.7
117.5°	669.8	502.7	494.5	461.6	428.8
120°	679.9	527.0	519.2	488.3	457.4
122.5°	694.1	555.6	547.8	516.5	485.4
125°	713.4	592.2	585.2	556.7	528.2
127.5°	732.7	627.7	620.5	591.7	563.0
130°	746.8	651.3	643.5	612.6	581.7
132.5°	758.2	670.5	662.7	631.9	600.9
135°	770.6	692.9	685.8	657.7	629.5
137.5°	789.2	721.5	714.5	686.5	658.7
140°	800.6	740.7	734.4	708.7	683.0
142.5°	810.1	755.1	749.1	725.4	701.6
145°	822.6	776.8	771.6	750.9	730.2
147.5°	840.7	804.1	799.0	778.9	758.8
150°	850.3	818.4	813.8	795.6	777.4
152.5°	856.6	827.8	824.3	810.5	796.7
155°	870.2	848.2	845.6	835.4	825.3
157.5°	883.9	868.7	866.2	856.4	846.4
160°	890.1	878.1	876.2	868.4	860.6
162.5°	896.7	888.0	886.5	880.8	875.0
165°	906.3	902.3	901.0	895.7	890.5
167.5°	913.6	910.3	909.7	907.3	904.8
170°	919.9	919.7	919.1	916.6	914.1
172.5°	920.3	920.3	920.2	919.6	919.1
175°	924.0	925.9	925.9	925.9	925.9
177.5°	924.5	925.9	925.9	925.9	925.9
180°	925.9	925.9	925.9	925.9	925.9



TEST NUMBER: P935187
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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	11.78	12.56	12.82	13.61	15.01	14.61	15.39	15.64	16.43	17.83
	3H	12.25	12.95	13.30	14.00	15.42	15.94	16.65	16.99	17.69	19.11
	4H	12.44	13.10	13.50	14.16	15.58	16.38	17.05	17.44	18.10	19.53
	6H	12.56	13.17	13.62	14.22	15.66	16.66	17.27	17.73	18.33	19.77
	8H	12.55	13.14	13.62	14.21	15.64	16.73	17.32	17.80	18.39	19.82
	12H	12.52	13.08	13.60	14.14	15.60	16.77	17.32	17.84	18.39	19.85
4H	2H	12.80	13.47	13.87	14.52	15.95	15.01	15.67	16.07	16.72	18.15
	3H	13.82	14.38	14.89	15.46	16.90	16.50	17.06	17.57	18.14	19.58
	4H	14.10	14.60	15.17	15.67	17.13	17.03	17.53	18.10	18.60	20.06
	6H	14.22	14.65	15.30	15.75	17.20	17.39	17.82	18.47	18.91	20.37
	8H	14.22	14.63	15.31	15.71	17.18	17.49	17.90	18.58	18.98	20.45
	12H	14.18	14.55	15.29	15.65	17.13	17.54	17.91	18.64	19.01	20.48
8H	4H	14.54	14.95	15.63	16.03	17.51	17.14	17.55	18.23	18.64	20.11
	6H	14.80	15.14	15.91	16.26	17.73	17.58	17.91	18.68	19.04	20.51
	8H	14.84	15.14	15.96	16.25	17.73	17.73	18.02	18.84	19.13	20.62
	12H	14.82	15.08	15.94	16.19	17.71	17.82	18.08	18.94	19.19	20.71
12H	4H	14.54	14.91	15.65	16.01	17.49	17.11	17.47	18.21	18.57	20.05
	6H	14.86	15.16	15.98	16.26	17.75	17.57	17.87	18.69	18.98	20.46
	8H	14.92	15.18	16.04	16.29	17.81	17.73	17.99	18.85	19.09	20.62