

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: P935887

Luminaire Tested: SQ4-FA-150U-050D-B2750-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935887
REPORT IS A COMBINATION OF REPORTS P933771 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-050D-B2750-1D-UNV-STD-W-6-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

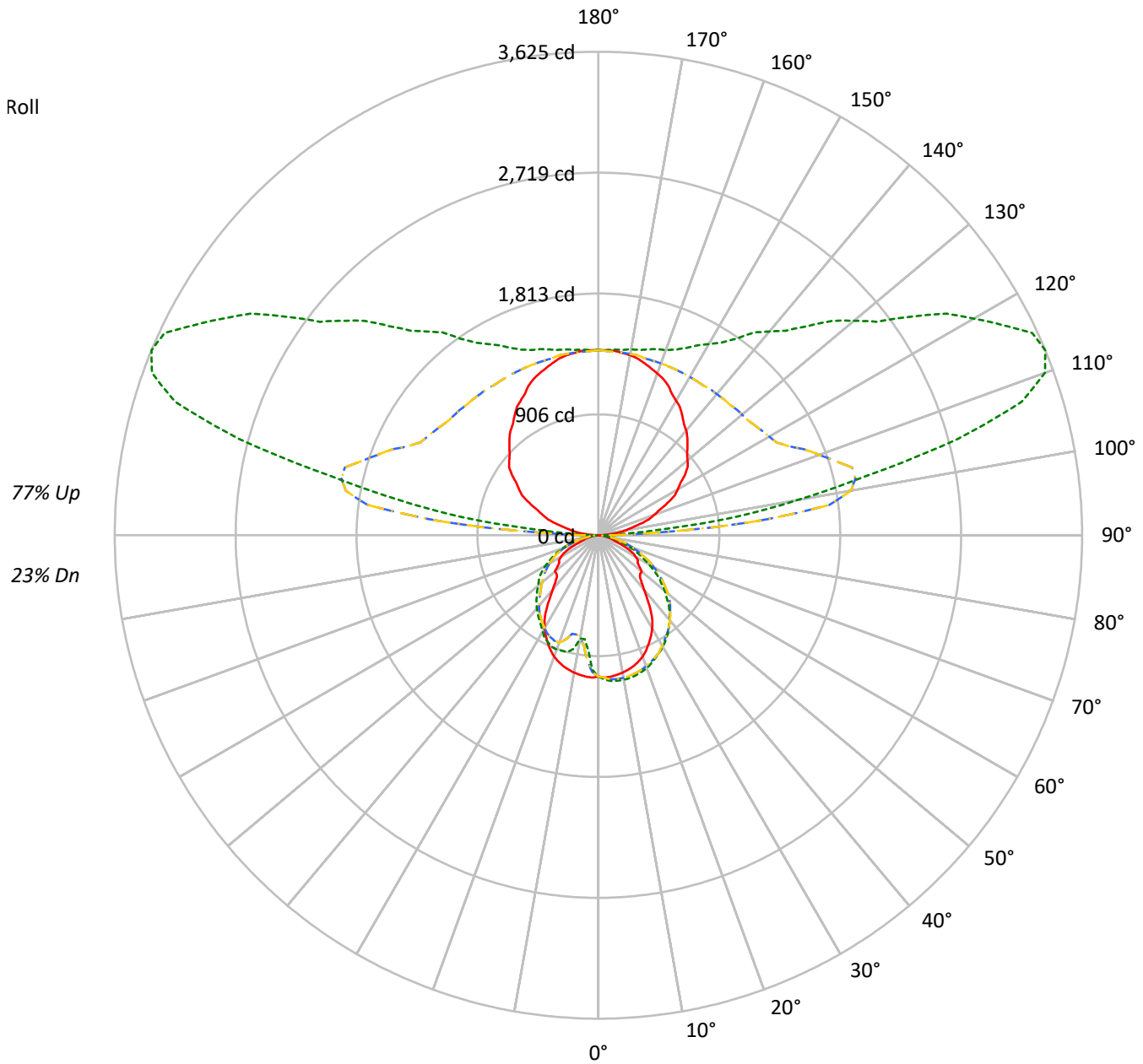
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11751.8 lumens
Efficiency: N/A
Efficacy: 140.9 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: Semi-Indirect

Input Watts (W): 83.4
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-150U-050D-B2750-1D-UNV-STD-W-6-2700K

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	101	101	101	101	90	90	90	90	69	69	69	49	49	49	32	32	32	23
1	92	88	84	81	81	78	75	72	60	58	56	43	42	41	28	27	27	20
2	84	77	71	66	74	68	63	59	52	49	46	38	36	34	25	24	23	17
3	76	67	60	55	67	60	54	49	46	42	39	34	31	29	22	20	19	14
4	70	59	52	46	62	53	47	42	41	37	33	30	27	25	19	18	16	12
5	64	53	45	39	56	47	40	36	36	32	28	27	24	21	17	16	14	10
6	59	47	39	34	52	42	35	31	33	28	24	24	21	18	16	14	12	9
7	54	42	35	29	48	38	31	27	30	25	21	22	19	16	14	12	11	8
8	50	38	31	26	44	34	28	23	27	22	19	20	17	14	13	11	10	7
9	46	35	28	23	41	31	25	21	24	20	17	18	15	13	12	10	9	6
10	43	32	25	20	38	28	22	18	22	18	15	17	14	11	11	9	8	6

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	6551	6551	6551	6551
5°	6598	6613	6598	5200
10°	6551	6515	6551	4657
15°	6478	6373	6478	5322
20°	6340	6206	6340	5333
25°	6060	5962	6060	5220
30°	5700	5760	5700	4972
35°	5079	5504	5079	4699
40°	4230	5203	4230	4493
45°	3776	4849	3776	4256
50°	4009	4429	4009	4018
55°	3768	3975	3768	3881
60°	3879	3376	3879	3555
65°	3512	2791	3512	3119
70°	2425	2223	2425	2615
75°	2120	1644	2120	1968
80°	1696	1086	1696	1184
85°	954	575	954	490

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5792 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.6	0.8
10°-20°	271.4	2.3
20°-30°	419.6	3.6
30°-40°	500.9	4.3
40°-50°	503.8	4.3
50°-60°	438.4	3.7
60°-70°	310.8	2.6
70°-80°	164.4	1.4
80°-90°	46.3	0.4
90°-100°	676.8	5.8
100°-110°	1779.3	15.1
110°-120°	1844.9	15.7
120°-130°	1479.9	12.6
130°-140°	1161.2	9.9
140°-150°	891.2	7.6
150°-160°	641.8	5.5
160°-170°	392.7	3.3
170°-180°	132.7	1.1
0°-30°	786.6	6.7
0°-40°	1287.5	11.0
0°-60°	2229.7	19.0
0°-90°	2751.3	23.4
90°-120°	4301.0	36.6
90°-150°	7833.3	66.7
90°-180°	9001.0	76.6
0°-180°	11751.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1059	1059	1059	1059	1059	
5°	1064	1097	1064	863	1064	101
15°	1016	1087	1016	908	1016	286
25°	895	1014	895	888	895	411
35°	680	905	680	772	680	421
45°	439	745	439	654	439	352
55°	358	550	358	537	358	329
65°	248	332	248	371	248	237
75°	94	157	94	188	94	99
85°	16	40	16	34	16	22
90°	9	36	9	36	9	8
95°	89	409	89	409	89	99
105°	320	2786	320	2786	320	340
115°	569	3588	569	3588	569	562
125°	792	2857	792	2857	792	703
135°	944	2217	944	2217	944	730
145°	1095	1798	1095	1798	1095	686
155°	1237	1549	1237	1549	1237	569
165°	1335	1442	1335	1442	1335	377
175°	1388	1398	1388	1398	1388	132
180°	1388	1388	1388	1388	1388	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0
2.5°	1068.1	1068.1	1074.1	1076.1	1076.1	1073.1	1070.1	1073.1	1082.2	1085.1	1084.1
5°	1064.0	1072.1	1083.2	1085.1	1087.1	1086.1	1084.1	1086.1	1096.1	1098.2	1099.2
7.5°	1056.1	1071.1	1085.1	1088.1	1091.1	1088.1	1087.1	1089.1	1099.2	1101.2	1101.2
10°	1046.0	1067.1	1083.2	1085.1	1088.1	1085.1	1085.1	1089.1	1099.2	1101.2	1102.2
12.5°	1032.1	1061.0	1076.1	1078.1	1082.2	1081.2	1080.1	1084.1	1094.1	1096.1	1096.1
15°	1016.0	1050.1	1064.0	1066.1	1073.1	1071.1	1071.1	1075.1	1086.1	1089.1	1088.1
17.5°	993.9	1036.0	1052.1	1055.1	1060.0	1059.0	1060.0	1064.0	1074.1	1076.1	1077.1
20°	968.9	1017.0	1036.0	1039.0	1044.0	1044.0	1044.0	1049.1	1059.0	1063.0	1063.0
22.5°	934.8	996.9	1017.0	1019.0	1025.0	1025.0	1027.0	1034.0	1043.0	1044.0	1044.0
25°	894.7	974.9	991.9	998.0	1004.0	1007.0	1009.9	1014.0	1017.0	1016.0	1017.0
27.5°	852.7	946.8	968.9	972.9	981.0	983.9	987.9	988.9	989.9	992.9	990.9
30°	805.6	907.8	940.8	944.8	957.9	959.8	955.9	957.9	962.8	964.9	966.9
32.5°	752.5	849.7	911.7	920.8	932.9	926.8	925.8	928.8	936.8	936.8	938.8
35°	680.4	804.6	884.7	892.7	901.8	894.7	898.8	899.8	904.8	907.8	906.8
37.5°	601.2	765.5	856.7	862.6	869.7	860.6	866.7	869.7	873.7	871.7	871.7
40°	531.1	704.4	823.6	827.6	833.7	826.6	832.7	834.6	836.6	834.6	833.7
42.5°	479.0	637.2	788.5	793.5	789.5	794.5	796.6	800.6	797.6	793.5	793.5
45°	438.8	619.2	750.5	756.5	750.5	758.5	761.4	761.4	752.5	750.5	749.5
47.5°	425.8	583.2	712.4	712.4	709.4	719.4	724.4	717.4	708.4	705.4	705.4
50°	424.8	543.0	660.2	656.3	670.3	682.4	677.3	670.3	663.3	652.3	652.3
52.5°	385.8	493.9	593.1	608.2	630.3	637.2	629.3	622.2	610.1	605.2	601.2
55°	357.7	442.8	532.1	562.1	585.2	594.1	579.2	572.1	554.1	551.1	549.1
57.5°	351.7	368.7	475.9	514.0	542.0	541.0	532.1	519.0	504.0	501.0	500.0
60°	322.6	266.5	415.8	460.9	489.9	486.9	479.0	466.9	452.9	450.9	448.9
62.5°	292.5	193.4	347.7	398.8	439.8	438.8	431.9	413.8	403.8	398.8	394.8
65°	248.5	162.3	247.5	331.7	390.7	392.7	377.8	364.7	353.7	347.7	346.7
67.5°	189.3	132.3	167.3	276.6	343.7	341.6	322.6	316.6	302.6	299.6	293.6
70°	140.2	88.1	116.2	224.4	297.6	292.5	277.6	270.5	257.5	250.5	246.5
72.5°	116.2	71.1	85.2	174.3	250.5	244.5	231.5	223.4	212.4	206.4	202.4
75°	94.2	75.1	65.1	129.3	203.4	199.4	187.3	179.4	170.3	162.3	163.3
77.5°	69.1	70.1	52.1	95.2	161.4	155.3	148.3	138.2	134.3	126.3	126.3
80°	52.1	55.1	39.0	65.1	116.2	116.2	110.3	103.2	96.2	92.2	92.2
82.5°	35.1	35.1	29.1	41.0	79.2	76.2	72.1	70.1	66.1	64.1	64.1
85°	16.0	20.0	18.0	25.0	43.1	45.1	45.1	43.1	42.1	40.0	41.0
87.5°	5.0	9.1	11.1	14.0	22.0	23.0	24.0	24.0	24.0	25.0	25.0
90°	9.4	16.8	24.2	26.1	41.0	60.9	70.8	62.9	47.2	35.5	35.5
92.5°	37.3	100.6	164.0	179.9	252.9	350.2	398.8	349.5	251.0	177.1	170.0
95°	89.4	205.4	321.4	350.4	622.2	984.5	1165.7	1040.2	789.2	601.0	579.7
97.5°	154.7	257.0	359.3	384.9	838.0	1442.3	1744.4	1665.1	1506.4	1387.5	1346.9
100°	205.0	297.8	390.5	413.7	916.6	1587.1	1922.4	1928.2	1939.8	1948.5	1900.2
102.5°	247.9	334.5	421.0	442.6	952.7	1632.6	1972.7	2073.7	2275.8	2427.4	2385.9
105°	320.5	393.8	467.1	485.5	979.4	1637.8	1967.1	2193.6	2646.7	2986.5	2964.2
107.5°	395.1	463.4	531.8	548.8	984.2	1564.9	1855.2	2171.3	2803.2	3277.2	3282.6
110°	445.4	507.2	568.8	584.3	976.9	1500.3	1762.0	2115.3	2821.9	3351.7	3374.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	494.8	553.6	612.3	627.1	977.2	1443.9	1677.3	2038.8	2761.9	3304.2	3339.9
115°	569.3	623.6	677.9	691.4	986.1	1379.2	1575.7	1924.0	2620.6	3143.0	3192.4
117.5°	642.9	692.2	741.5	753.9	1004.6	1338.7	1505.9	1820.2	2448.8	2920.3	2975.1
120°	685.8	732.3	778.7	790.2	1019.4	1325.1	1477.9	1765.1	2339.5	2770.3	2823.5
122.5°	727.8	774.6	821.4	833.1	1040.8	1317.9	1456.5	1715.1	2232.3	2620.3	2672.8
125°	792.0	834.6	877.4	888.0	1069.7	1312.0	1433.1	1652.9	2092.2	2421.8	2470.1
127.5°	844.2	887.2	930.4	941.1	1098.6	1308.5	1413.5	1602.2	1979.5	2262.4	2303.2
130°	872.2	918.6	965.0	976.6	1119.8	1310.7	1406.2	1574.1	1909.9	2161.8	2199.5
132.5°	901.1	947.5	993.9	1005.5	1136.8	1312.0	1399.6	1549.9	1850.6	2076.1	2109.8
135°	943.9	986.1	1028.5	1039.0	1155.5	1310.7	1388.4	1514.3	1766.1	1954.9	1984.0
137.5°	987.7	1029.6	1071.4	1081.9	1183.4	1318.8	1386.5	1493.0	1705.8	1865.5	1889.3
140°	1024.1	1062.6	1101.1	1110.7	1200.5	1320.2	1380.1	1472.0	1655.8	1793.8	1816.0
142.5°	1052.0	1087.6	1123.3	1132.2	1214.8	1325.0	1380.1	1460.8	1622.3	1743.4	1762.5
145°	1094.9	1126.0	1157.1	1164.8	1233.4	1325.0	1370.7	1436.7	1568.9	1668.0	1682.4
147.5°	1137.7	1168.0	1198.2	1205.8	1260.7	1334.0	1370.7	1422.7	1526.6	1604.6	1616.6
150°	1165.7	1193.0	1220.3	1227.2	1275.0	1338.8	1370.7	1414.6	1502.4	1568.2	1578.0
152.5°	1194.6	1215.3	1236.0	1241.2	1284.3	1341.9	1370.7	1408.1	1483.1	1539.3	1546.7
155°	1237.4	1252.8	1268.1	1271.9	1304.9	1348.8	1370.7	1400.5	1460.1	1504.9	1509.7
157.5°	1269.1	1284.0	1299.0	1302.7	1325.4	1355.6	1370.7	1393.9	1440.3	1475.1	1478.5
160°	1290.6	1302.2	1313.7	1316.6	1334.6	1358.6	1370.7	1390.6	1430.4	1460.1	1462.1
162.5°	1312.0	1320.7	1329.4	1331.6	1344.6	1362.0	1370.7	1387.4	1421.0	1446.2	1448.1
165°	1335.3	1343.2	1351.0	1353.0	1358.8	1366.7	1370.7	1382.7	1406.8	1424.8	1426.8
167.5°	1356.8	1360.4	1364.2	1365.1	1370.1	1376.8	1380.1	1387.9	1403.7	1415.4	1416.2
170°	1370.7	1374.4	1378.2	1379.1	1379.4	1379.9	1380.1	1387.9	1403.7	1415.4	1415.4
172.5°	1378.2	1379.0	1379.9	1380.1	1380.1	1380.1	1380.1	1386.2	1398.7	1407.9	1407.2
175°	1388.4	1388.4	1388.4	1388.4	1385.6	1382.0	1380.1	1383.9	1391.8	1397.7	1397.7
177.5°	1388.4	1388.4	1388.4	1388.4	1386.2	1383.3	1381.9	1384.9	1391.2	1395.9	1395.1
180°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0
2.5°	1086.1	1083.2	1086.1	1084.1	1085.1	1082.2	1073.1	1070.1	1073.1	1076.1	1076.1
5°	1099.2	1097.1	1099.2	1099.2	1098.2	1096.1	1086.1	1084.1	1086.1	1087.1	1085.1
7.5°	1103.2	1100.2	1103.2	1101.2	1101.2	1099.2	1089.1	1087.1	1088.1	1091.1	1088.1
10°	1103.2	1100.2	1103.2	1102.2	1101.2	1099.2	1089.1	1085.1	1085.1	1088.1	1085.1
12.5°	1098.2	1096.1	1098.2	1096.1	1096.1	1094.1	1084.1	1080.1	1081.2	1082.2	1078.1
15°	1090.1	1087.1	1090.1	1088.1	1089.1	1086.1	1075.1	1071.1	1071.1	1073.1	1066.1
17.5°	1078.1	1074.1	1078.1	1077.1	1076.1	1074.1	1064.0	1060.0	1059.0	1060.0	1055.1
20°	1064.0	1061.0	1064.0	1063.0	1063.0	1059.0	1049.1	1044.0	1044.0	1044.0	1039.0
22.5°	1042.0	1039.0	1042.0	1044.0	1044.0	1043.0	1034.0	1027.0	1025.0	1025.0	1019.0
25°	1017.0	1014.0	1017.0	1017.0	1016.0	1017.0	1014.0	1009.9	1007.0	1004.0	998.0
27.5°	992.9	990.9	992.9	990.9	992.9	989.9	988.9	987.9	983.9	981.0	972.9
30°	968.9	966.9	968.9	966.9	964.9	962.8	957.9	955.9	959.8	957.9	944.8
32.5°	938.8	936.8	938.8	938.8	936.8	936.8	928.8	925.8	926.8	932.9	920.8
35°	907.8	904.8	907.8	906.8	907.8	904.8	899.8	898.8	894.7	901.8	892.7
37.5°	871.7	868.7	871.7	871.7	871.7	873.7	869.7	866.7	860.6	869.7	862.6
40°	834.6	830.7	834.6	833.7	834.6	836.6	834.6	832.7	826.6	833.7	827.6
42.5°	792.5	791.5	792.5	793.5	793.5	797.6	800.6	796.6	794.5	789.5	793.5
45°	747.5	745.4	747.5	749.5	750.5	752.5	761.4	761.4	758.5	750.5	756.5
47.5°	699.4	694.3	699.4	705.4	705.4	708.4	717.4	724.4	719.4	709.4	712.4
50°	648.3	649.3	648.3	652.3	652.3	663.3	670.3	677.3	682.4	670.3	656.3
52.5°	598.2	597.2	598.2	601.2	605.2	610.1	622.2	629.3	637.2	630.3	608.2
55°	548.1	550.1	548.1	549.1	551.1	554.1	572.1	579.2	594.1	585.2	562.1
57.5°	498.0	495.0	498.0	500.0	501.0	504.0	519.0	532.1	541.0	542.0	514.0
60°	439.8	435.8	439.8	448.9	450.9	452.9	466.9	479.0	486.9	489.9	460.9
62.5°	388.7	381.8	388.7	394.8	398.8	403.8	413.8	431.9	438.8	439.8	398.8
65°	334.7	331.7	334.7	346.7	347.7	353.7	364.7	377.8	392.7	390.7	331.7
67.5°	285.6	285.6	285.6	293.6	299.6	302.6	316.6	322.6	341.6	343.7	276.6
70°	240.4	239.4	240.4	246.5	250.5	257.5	270.5	277.6	292.5	297.6	224.4
72.5°	197.4	196.4	197.4	202.4	206.4	212.4	223.4	231.5	244.5	250.5	174.3
75°	159.4	157.3	159.4	163.3	162.3	170.3	179.4	187.3	199.4	203.4	129.3
77.5°	122.2	122.2	122.2	126.3	126.3	134.3	138.2	148.3	155.3	161.4	95.2
80°	91.1	90.1	91.1	92.2	92.2	96.2	103.2	110.3	116.2	116.2	65.1
82.5°	64.1	62.2	64.1	64.1	64.1	66.1	70.1	72.1	76.2	79.2	41.0
85°	40.0	40.0	40.0	41.0	40.0	42.1	43.1	45.1	45.1	43.1	25.0
87.5°	26.1	25.0	26.1	25.0	25.0	24.0	24.0	24.0	23.0	22.0	14.0
90°	35.5	35.5	35.5	35.5	35.5	47.2	62.9	70.8	60.9	41.0	26.1
92.5°	141.8	113.6	141.8	170.0	177.1	251.0	349.5	398.8	350.2	252.9	179.9
95°	494.3	409.1	494.3	579.7	601.0	789.2	1040.2	1165.7	984.5	622.2	350.4
97.5°	1184.5	1022.2	1184.5	1346.9	1387.5	1506.4	1665.1	1744.4	1442.3	838.0	384.9
100°	1706.7	1513.3	1706.7	1900.2	1948.5	1939.8	1928.2	1922.4	1587.1	916.6	413.7
102.5°	2220.3	2054.6	2220.3	2385.9	2427.4	2275.8	2073.7	1972.7	1632.6	952.7	442.6
105°	2875.2	2786.1	2875.2	2964.2	2986.5	2646.7	2193.6	1967.1	1637.8	979.4	485.5
107.5°	3304.1	3325.6	3304.1	3282.6	3277.2	2803.2	2171.3	1855.2	1564.9	984.2	548.8
110°	3467.7	3560.5	3467.7	3374.9	3351.7	2821.9	2115.3	1762.0	1500.3	976.9	584.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3482.3	3624.7	3482.3	3339.9	3304.2	2761.9	2038.8	1677.3	1443.9	977.2	627.1
115°	3389.9	3587.5	3389.9	3192.4	3143.0	2620.6	1924.0	1575.7	1379.2	986.1	691.4
117.5°	3194.2	3413.3	3194.2	2975.1	2920.3	2448.8	1820.2	1505.9	1338.7	1004.6	753.9
120°	3036.4	3249.3	3036.4	2823.5	2770.3	2339.5	1765.1	1477.9	1325.1	1019.4	790.2
122.5°	2882.7	3092.7	2882.7	2672.8	2620.3	2232.3	1715.1	1456.5	1317.9	1040.8	833.1
125°	2663.5	2856.9	2663.5	2470.1	2421.8	2092.2	1652.9	1433.1	1312.0	1069.7	888.0
127.5°	2466.4	2629.6	2466.4	2303.2	2262.4	1979.5	1602.2	1413.5	1308.5	1098.6	941.1
130°	2350.3	2501.0	2350.3	2199.5	2161.8	1909.9	1574.1	1406.2	1310.7	1119.8	976.6
132.5°	2244.8	2379.8	2244.8	2109.8	2076.1	1850.6	1549.9	1399.6	1312.0	1136.8	1005.5
135°	2100.5	2216.8	2100.5	1984.0	1954.9	1766.1	1514.3	1388.4	1310.7	1155.5	1039.0
137.5°	1984.6	2079.8	1984.6	1889.3	1865.5	1705.8	1493.0	1386.5	1318.8	1183.4	1081.9
140°	1905.0	1994.1	1905.0	1816.0	1793.8	1655.8	1472.0	1380.1	1320.2	1200.5	1110.7
142.5°	1839.2	1915.8	1839.2	1762.5	1743.4	1622.3	1460.8	1380.1	1325.0	1214.8	1132.2
145°	1740.4	1798.4	1740.4	1682.4	1668.0	1568.9	1436.7	1370.7	1325.0	1233.4	1164.8
147.5°	1664.6	1712.7	1664.6	1616.6	1604.6	1526.6	1422.7	1370.7	1334.0	1260.7	1205.8
150°	1616.9	1655.8	1616.9	1578.0	1568.2	1502.4	1414.6	1370.7	1338.8	1275.0	1227.2
152.5°	1576.1	1605.6	1576.1	1546.7	1539.3	1483.1	1408.1	1370.7	1341.9	1284.3	1241.2
155°	1529.2	1548.7	1529.2	1509.7	1504.9	1460.1	1400.5	1370.7	1348.8	1304.9	1271.9
157.5°	1492.2	1505.9	1492.2	1478.5	1475.1	1440.3	1393.9	1370.7	1355.6	1325.4	1302.7
160°	1470.0	1477.9	1470.0	1462.1	1460.1	1430.4	1390.6	1370.7	1358.6	1334.6	1316.6
162.5°	1455.5	1462.9	1455.5	1448.1	1446.2	1421.0	1387.4	1370.7	1362.0	1344.6	1331.6
165°	1434.5	1442.4	1434.5	1426.8	1424.8	1406.8	1382.7	1370.7	1366.7	1358.8	1353.0
167.5°	1419.6	1422.9	1419.6	1416.2	1415.4	1403.7	1387.9	1380.1	1376.8	1370.1	1365.1
170°	1415.4	1415.4	1415.4	1415.4	1415.4	1403.7	1387.9	1380.1	1379.9	1379.4	1379.1
172.5°	1404.4	1401.5	1404.4	1407.2	1407.9	1398.7	1386.2	1380.1	1380.1	1380.1	1380.1
175°	1397.7	1397.7	1397.7	1397.7	1397.7	1391.8	1383.9	1380.1	1382.0	1385.6	1388.4
177.5°	1391.7	1388.4	1391.7	1395.1	1395.9	1391.2	1384.9	1381.9	1383.3	1386.2	1388.4
180°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0
2.5°	1074.1	1068.1	1068.1	1058.1	1054.1	1051.1	1046.0	1031.1	1027.0	1023.0	1029.0
5°	1083.2	1072.1	1064.0	1046.0	1031.1	1025.0	1006.0	969.9	945.8	927.8	917.8
7.5°	1085.1	1071.1	1056.1	1028.0	991.9	975.9	917.8	851.7	833.7	817.6	807.6
10°	1083.2	1067.1	1046.0	1004.0	918.8	890.7	832.7	789.5	778.5	775.5	778.5
12.5°	1076.1	1061.0	1032.1	961.8	842.6	823.6	789.5	764.5	762.4	767.5	794.5
15°	1064.0	1050.1	1016.0	905.8	800.6	786.5	762.4	753.5	764.5	799.6	880.8
17.5°	1052.1	1036.0	993.9	850.7	768.5	758.5	741.4	759.4	821.6	868.7	895.7
20°	1036.0	1017.0	968.9	810.5	745.4	736.4	728.4	809.5	856.7	873.7	888.7
22.5°	1017.0	996.9	934.8	782.6	721.4	714.4	719.4	837.6	856.7	868.7	881.8
25°	991.9	974.9	894.7	760.4	702.4	694.3	713.4	834.6	845.6	848.7	874.7
27.5°	968.9	946.8	852.7	740.4	679.4	676.3	718.4	821.6	829.7	832.7	860.6
30°	940.8	907.8	805.6	719.4	655.3	654.3	719.4	805.6	803.6	811.5	839.6
32.5°	911.7	849.7	752.5	693.3	632.3	631.3	712.4	781.6	779.6	790.5	811.5
35°	884.7	804.6	680.4	663.3	603.2	604.2	695.3	753.5	754.5	764.5	777.5
37.5°	856.7	765.5	601.2	630.3	575.1	575.1	672.3	727.4	725.4	728.4	746.5
40°	823.6	704.4	531.1	587.1	549.1	546.1	644.2	699.4	692.3	691.3	716.4
42.5°	788.5	637.2	479.0	530.1	519.0	515.0	610.1	665.3	652.3	655.3	687.3
45°	750.5	619.2	438.8	447.9	487.9	485.0	573.1	626.2	617.2	625.2	658.3
47.5°	712.4	583.2	425.8	371.7	454.9	453.9	532.1	588.1	583.2	591.1	626.2
50°	660.2	543.0	424.8	318.6	417.8	421.8	483.0	551.1	551.1	558.1	595.2
52.5°	593.1	493.9	385.8	288.5	374.7	386.7	439.8	519.0	521.0	528.1	561.0
55°	532.1	442.8	357.7	265.5	323.6	349.7	397.8	485.9	489.9	497.0	527.0
57.5°	475.9	368.7	351.7	238.4	276.6	301.6	360.8	453.9	455.9	461.9	490.9
60°	415.8	266.5	322.6	209.4	235.5	254.5	326.6	415.8	422.8	426.8	451.9
62.5°	347.7	193.4	292.5	189.3	215.4	219.4	298.6	379.8	388.7	391.7	406.8
65°	247.5	162.3	248.5	172.3	194.4	195.4	268.5	342.6	350.7	355.7	366.7
67.5°	167.3	132.3	189.3	156.3	178.4	179.4	239.4	299.6	310.7	314.6	321.6
70°	116.2	88.1	140.2	139.2	160.4	162.3	208.4	260.6	270.5	273.5	277.6
72.5°	85.2	71.1	116.2	125.2	141.2	143.3	176.4	216.4	226.5	229.5	231.5
75°	65.1	75.1	94.2	109.3	120.2	121.2	144.3	176.4	183.4	185.4	186.4
77.5°	52.1	70.1	69.1	88.1	98.2	96.2	113.2	136.3	142.2	142.2	142.2
80°	39.0	55.1	52.1	63.1	72.1	70.1	81.2	97.2	99.2	101.2	100.2
82.5°	29.1	35.1	35.1	40.0	48.1	46.1	54.1	63.1	63.1	63.1	65.1
85°	18.0	20.0	16.0	21.0	27.1	26.1	30.1	34.1	35.1	35.1	33.1
87.5°	11.1	9.1	5.0	8.0	12.1	12.1	14.0	15.0	14.0	14.0	14.0
90°	24.2	16.8	9.4	16.8	24.2	26.1	41.0	60.9	70.8	62.9	47.2
92.5°	164.0	100.6	37.3	100.6	164.0	179.9	252.9	350.2	398.8	349.5	251.0
95°	321.4	205.4	89.4	205.4	321.4	350.4	622.2	984.5	1165.7	1040.2	789.2
97.5°	359.3	257.0	154.7	257.0	359.3	384.9	838.0	1442.3	1744.4	1665.1	1506.4
100°	390.5	297.8	205.0	297.8	390.5	413.7	916.6	1587.1	1922.4	1928.2	1939.8
102.5°	421.0	334.5	247.9	334.5	421.0	442.6	952.7	1632.6	1972.7	2073.7	2275.8
105°	467.1	393.8	320.5	393.8	467.1	485.5	979.4	1637.8	1967.1	2193.6	2646.7
107.5°	531.8	463.4	395.1	463.4	531.8	548.8	984.2	1564.9	1855.2	2171.3	2803.2
110°	568.8	507.2	445.4	507.2	568.8	584.3	976.9	1500.3	1762.0	2115.3	2821.9



TEST NUMBER: P935887

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	612.3	553.6	494.8	553.6	612.3	627.1	977.2	1443.9	1677.3	2038.8	2761.9
115°	677.9	623.6	569.3	623.6	677.9	691.4	986.1	1379.2	1575.7	1924.0	2620.6
117.5°	741.5	692.2	642.9	692.2	741.5	753.9	1004.6	1338.7	1505.9	1820.2	2448.8
120°	778.7	732.3	685.8	732.3	778.7	790.2	1019.4	1325.1	1477.9	1765.1	2339.5
122.5°	821.4	774.6	727.8	774.6	821.4	833.1	1040.8	1317.9	1456.5	1715.1	2232.3
125°	877.4	834.6	792.0	834.6	877.4	888.0	1069.7	1312.0	1433.1	1652.9	2092.2
127.5°	930.4	887.2	844.2	887.2	930.4	941.1	1098.6	1308.5	1413.5	1602.2	1979.5
130°	965.0	918.6	872.2	918.6	965.0	976.6	1119.8	1310.7	1406.2	1574.1	1909.9
132.5°	993.9	947.5	901.1	947.5	993.9	1005.5	1136.8	1312.0	1399.6	1549.9	1850.6
135°	1028.5	986.1	943.9	986.1	1028.5	1039.0	1155.5	1310.7	1388.4	1514.3	1766.1
137.5°	1071.4	1029.6	987.7	1029.6	1071.4	1081.9	1183.4	1318.8	1386.5	1493.0	1705.8
140°	1101.1	1062.6	1024.1	1062.6	1101.1	1110.7	1200.5	1320.2	1380.1	1472.0	1655.8
142.5°	1123.3	1087.6	1052.0	1087.6	1123.3	1132.2	1214.8	1325.0	1380.1	1460.8	1622.3
145°	1157.1	1126.0	1094.9	1126.0	1157.1	1164.8	1233.4	1325.0	1370.7	1436.7	1568.9
147.5°	1198.2	1168.0	1137.7	1168.0	1198.2	1205.8	1260.7	1334.0	1370.7	1422.7	1526.6
150°	1220.3	1193.0	1165.7	1193.0	1220.3	1227.2	1275.0	1338.8	1370.7	1414.6	1502.4
152.5°	1236.0	1215.3	1194.6	1215.3	1236.0	1241.2	1284.3	1341.9	1370.7	1408.1	1483.1
155°	1268.1	1252.8	1237.4	1252.8	1268.1	1271.9	1304.9	1348.8	1370.7	1400.5	1460.1
157.5°	1299.0	1284.0	1269.1	1284.0	1299.0	1302.7	1325.4	1355.6	1370.7	1393.9	1440.3
160°	1313.7	1302.2	1290.6	1302.2	1313.7	1316.6	1334.6	1358.6	1370.7	1390.6	1430.4
162.5°	1329.4	1320.7	1312.0	1320.7	1329.4	1331.6	1344.6	1362.0	1370.7	1387.4	1421.0
165°	1351.0	1343.2	1335.3	1343.2	1351.0	1353.0	1358.8	1366.7	1370.7	1382.7	1406.8
167.5°	1364.2	1360.4	1356.8	1360.4	1364.2	1365.1	1370.1	1376.8	1380.1	1387.9	1403.7
170°	1378.2	1374.4	1370.7	1374.4	1378.2	1379.1	1379.4	1379.9	1380.1	1387.9	1403.7
172.5°	1379.9	1379.0	1378.2	1379.0	1379.9	1380.1	1380.1	1380.1	1380.1	1386.2	1398.7
175°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1385.6	1382.0	1380.1	1383.9	1391.8
177.5°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1386.2	1383.3	1381.9	1384.9	1391.2
180°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4



TEST NUMBER: P935887

CATALOG NUMBER: SQ4-FA-150U-050D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0	1059.0
2.5°	1022.0	1019.0	1023.0	1011.9	1023.0	1019.0	1022.0	1029.0	1023.0	1027.0	1031.1
5°	896.8	891.7	875.7	862.6	875.7	891.7	896.8	917.8	927.8	945.8	969.9
7.5°	801.6	797.6	793.5	785.5	793.5	797.6	801.6	807.6	817.6	833.7	851.7
10°	780.6	781.6	787.5	786.5	787.5	781.6	780.6	778.5	775.5	778.5	789.5
12.5°	834.6	843.6	876.7	874.7	876.7	843.6	834.6	794.5	767.5	762.4	764.5
15°	896.8	899.8	906.8	907.8	906.8	899.8	896.8	880.8	799.6	764.5	753.5
17.5°	902.8	903.8	908.8	908.8	908.8	903.8	902.8	895.7	868.7	821.6	759.4
20°	897.8	899.8	909.7	911.7	909.7	899.8	897.8	888.7	873.7	856.7	809.5
22.5°	895.7	899.8	907.8	906.8	907.8	899.8	895.7	881.8	868.7	856.7	837.6
25°	885.7	885.7	886.7	887.7	886.7	885.7	885.7	874.7	848.7	845.6	834.6
27.5°	864.7	866.7	872.7	871.7	872.7	866.7	864.7	860.6	832.7	829.7	821.6
30°	845.6	843.6	838.6	834.6	838.6	843.6	845.6	839.6	811.5	803.6	805.6
32.5°	813.6	808.6	803.6	800.6	803.6	808.6	813.6	811.5	790.5	779.6	781.6
35°	775.5	776.5	775.5	772.5	775.5	776.5	775.5	777.5	764.5	754.5	753.5
37.5°	748.5	750.5	749.5	745.4	749.5	750.5	748.5	746.5	728.4	725.4	727.4
40°	720.4	721.4	720.4	717.4	720.4	721.4	720.4	716.4	691.3	692.3	699.4
42.5°	693.3	692.3	689.3	687.3	689.3	692.3	693.3	687.3	655.3	652.3	665.3
45°	662.3	663.3	657.3	654.3	657.3	663.3	662.3	658.3	625.2	617.2	626.2
47.5°	631.3	631.3	626.2	623.2	626.2	631.3	631.3	626.2	591.1	583.2	588.1
50°	598.2	597.2	590.1	589.1	590.1	597.2	598.2	595.2	558.1	551.1	551.1
52.5°	560.1	560.1	561.0	563.1	561.0	560.1	560.1	561.0	528.1	521.0	519.0
55°	527.0	528.1	535.1	537.0	535.1	528.1	527.0	527.0	497.0	489.9	485.9
57.5°	492.9	492.9	498.0	498.0	498.0	492.9	492.9	490.9	461.9	455.9	453.9
60°	453.9	455.9	459.9	458.9	459.9	455.9	453.9	451.9	426.8	422.8	415.8
62.5°	412.8	414.8	415.8	413.8	415.8	414.8	412.8	406.8	391.7	388.7	379.8
65°	369.7	371.7	372.7	370.7	372.7	371.7	369.7	366.7	355.7	350.7	342.6
67.5°	325.6	324.6	323.6	327.7	323.6	324.6	325.6	321.6	314.6	310.7	299.6
70°	280.6	280.6	279.6	281.6	279.6	280.6	280.6	277.6	273.5	270.5	260.6
72.5°	232.5	231.5	235.5	232.5	235.5	231.5	232.5	231.5	229.5	226.5	216.4
75°	185.4	187.3	185.4	188.3	185.4	187.3	185.4	186.4	185.4	183.4	176.4
77.5°	141.2	143.3	141.2	141.2	141.2	143.3	141.2	142.2	142.2	142.2	136.3
80°	100.2	99.2	99.2	98.2	99.2	99.2	100.2	100.2	101.2	99.2	97.2
82.5°	64.1	63.1	63.1	65.1	63.1	63.1	64.1	65.1	63.1	63.1	63.1
85°	35.1	36.1	34.1	34.1	34.1	36.1	35.1	33.1	35.1	35.1	34.1
87.5°	13.0	12.1	12.1	12.1	12.1	12.1	13.0	14.0	14.0	14.0	15.0
90°	35.5	35.5	35.5	35.5	35.5	35.5	35.5	47.2	62.9	70.8	60.9
92.5°	177.1	170.0	141.8	113.6	141.8	170.0	177.1	251.0	349.5	398.8	350.2
95°	601.0	579.7	494.3	409.1	494.3	579.7	601.0	789.2	1040.2	1165.7	984.5
97.5°	1387.5	1346.9	1184.5	1022.2	1184.5	1346.9	1387.5	1506.4	1665.1	1744.4	1442.3
100°	1948.5	1900.2	1706.7	1513.3	1706.7	1900.2	1948.5	1939.8	1928.2	1922.4	1587.1
102.5°	2427.4	2385.9	2220.3	2054.6	2220.3	2385.9	2427.4	2275.8	2073.7	1972.7	1632.6
105°	2986.5	2964.2	2875.2	2786.1	2875.2	2964.2	2986.5	2646.7	2193.6	1967.1	1637.8
107.5°	3277.2	3282.6	3304.1	3325.6	3304.1	3282.6	3277.2	2803.2	2171.3	1855.2	1564.9
110°	3351.7	3374.9	3467.7	3560.5	3467.7	3374.9	3351.7	2821.9	2115.3	1762.0	1500.3



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3304.2	3339.9	3482.3	3624.7	3482.3	3339.9	3304.2	2761.9	2038.8	1677.3	1443.9
115°	3143.0	3192.4	3389.9	3587.5	3389.9	3192.4	3143.0	2620.6	1924.0	1575.7	1379.2
117.5°	2920.3	2975.1	3194.2	3413.3	3194.2	2975.1	2920.3	2448.8	1820.2	1505.9	1338.7
120°	2770.3	2823.5	3036.4	3249.3	3036.4	2823.5	2770.3	2339.5	1765.1	1477.9	1325.1
122.5°	2620.3	2672.8	2882.7	3092.7	2882.7	2672.8	2620.3	2232.3	1715.1	1456.5	1317.9
125°	2421.8	2470.1	2663.5	2856.9	2663.5	2470.1	2421.8	2092.2	1652.9	1433.1	1312.0
127.5°	2262.4	2303.2	2466.4	2629.6	2466.4	2303.2	2262.4	1979.5	1602.2	1413.5	1308.5
130°	2161.8	2199.5	2350.3	2501.0	2350.3	2199.5	2161.8	1909.9	1574.1	1406.2	1310.7
132.5°	2076.1	2109.8	2244.8	2379.8	2244.8	2109.8	2076.1	1850.6	1549.9	1399.6	1312.0
135°	1954.9	1984.0	2100.5	2216.8	2100.5	1984.0	1954.9	1766.1	1514.3	1388.4	1310.7
137.5°	1865.5	1889.3	1984.6	2079.8	1984.6	1889.3	1865.5	1705.8	1493.0	1386.5	1318.8
140°	1793.8	1816.0	1905.0	1994.1	1905.0	1816.0	1793.8	1655.8	1472.0	1380.1	1320.2
142.5°	1743.4	1762.5	1839.2	1915.8	1839.2	1762.5	1743.4	1622.3	1460.8	1380.1	1325.0
145°	1668.0	1682.4	1740.4	1798.4	1740.4	1682.4	1668.0	1568.9	1436.7	1370.7	1325.0
147.5°	1604.6	1616.6	1664.6	1712.7	1664.6	1616.6	1604.6	1526.6	1422.7	1370.7	1334.0
150°	1568.2	1578.0	1616.9	1655.8	1616.9	1578.0	1568.2	1502.4	1414.6	1370.7	1338.8
152.5°	1539.3	1546.7	1576.1	1605.6	1576.1	1546.7	1539.3	1483.1	1408.1	1370.7	1341.9
155°	1504.9	1509.7	1529.2	1548.7	1529.2	1509.7	1504.9	1460.1	1400.5	1370.7	1348.8
157.5°	1475.1	1478.5	1492.2	1505.9	1492.2	1478.5	1475.1	1440.3	1393.9	1370.7	1355.6
160°	1460.1	1462.1	1470.0	1477.9	1470.0	1462.1	1460.1	1430.4	1390.6	1370.7	1358.6
162.5°	1446.2	1448.1	1455.5	1462.9	1455.5	1448.1	1446.2	1421.0	1387.4	1370.7	1362.0
165°	1424.8	1426.8	1434.5	1442.4	1434.5	1426.8	1424.8	1406.8	1382.7	1370.7	1366.7
167.5°	1415.4	1416.2	1419.6	1422.9	1419.6	1416.2	1415.4	1403.7	1387.9	1380.1	1376.8
170°	1415.4	1415.4	1415.4	1415.4	1415.4	1415.4	1415.4	1403.7	1387.9	1380.1	1379.9
172.5°	1407.9	1407.2	1404.4	1401.5	1404.4	1407.2	1407.9	1398.7	1386.2	1380.1	1380.1
175°	1397.7	1397.7	1397.7	1397.7	1397.7	1397.7	1397.7	1391.8	1383.9	1380.1	1382.0
177.5°	1395.9	1395.1	1391.7	1388.4	1391.7	1395.1	1395.9	1391.2	1384.9	1381.9	1383.3
180°	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4	1388.4



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1059.0	1059.0	1059.0	1059.0	1059.0
2.5°	1046.0	1051.1	1054.1	1058.1	1068.1
5°	1006.0	1025.0	1031.1	1046.0	1064.0
7.5°	917.8	975.9	991.9	1028.0	1056.1
10°	832.7	890.7	918.8	1004.0	1046.0
12.5°	789.5	823.6	842.6	961.8	1032.1
15°	762.4	786.5	800.6	905.8	1016.0
17.5°	741.4	758.5	768.5	850.7	993.9
20°	728.4	736.4	745.4	810.5	968.9
22.5°	719.4	714.4	721.4	782.6	934.8
25°	713.4	694.3	702.4	760.4	894.7
27.5°	718.4	676.3	679.4	740.4	852.7
30°	719.4	654.3	655.3	719.4	805.6
32.5°	712.4	631.3	632.3	693.3	752.5
35°	695.3	604.2	603.2	663.3	680.4
37.5°	672.3	575.1	575.1	630.3	601.2
40°	644.2	546.1	549.1	587.1	531.1
42.5°	610.1	515.0	519.0	530.1	479.0
45°	573.1	485.0	487.9	447.9	438.8
47.5°	532.1	453.9	454.9	371.7	425.8
50°	483.0	421.8	417.8	318.6	424.8
52.5°	439.8	386.7	374.7	288.5	385.8
55°	397.8	349.7	323.6	265.5	357.7
57.5°	360.8	301.6	276.6	238.4	351.7
60°	326.6	254.5	235.5	209.4	322.6
62.5°	298.6	219.4	215.4	189.3	292.5
65°	268.5	195.4	194.4	172.3	248.5
67.5°	239.4	179.4	178.4	156.3	189.3
70°	208.4	162.3	160.4	139.2	140.2
72.5°	176.4	143.3	141.2	125.2	116.2
75°	144.3	121.2	120.2	109.3	94.2
77.5°	113.2	96.2	98.2	88.1	69.1
80°	81.2	70.1	72.1	63.1	52.1
82.5°	54.1	46.1	48.1	40.0	35.1
85°	30.1	26.1	27.1	21.0	16.0
87.5°	14.0	12.1	12.1	8.0	5.0
90°	41.0	26.1	24.2	16.8	9.4
92.5°	252.9	179.9	164.0	100.6	37.3
95°	622.2	350.4	321.4	205.4	89.4
97.5°	838.0	384.9	359.3	257.0	154.7
100°	916.6	413.7	390.5	297.8	205.0
102.5°	952.7	442.6	421.0	334.5	247.9
105°	979.4	485.5	467.1	393.8	320.5
107.5°	984.2	548.8	531.8	463.4	395.1
110°	976.9	584.3	568.8	507.2	445.4



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CATALOG NUMBER: SQ4-FA-150U-050D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	977.2	627.1	612.3	553.6	494.8
115°	986.1	691.4	677.9	623.6	569.3
117.5°	1004.6	753.9	741.5	692.2	642.9
120°	1019.4	790.2	778.7	732.3	685.8
122.5°	1040.8	833.1	821.4	774.6	727.8
125°	1069.7	888.0	877.4	834.6	792.0
127.5°	1098.6	941.1	930.4	887.2	844.2
130°	1119.8	976.6	965.0	918.6	872.2
132.5°	1136.8	1005.5	993.9	947.5	901.1
135°	1155.5	1039.0	1028.5	986.1	943.9
137.5°	1183.4	1081.9	1071.4	1029.6	987.7
140°	1200.5	1110.7	1101.1	1062.6	1024.1
142.5°	1214.8	1132.2	1123.3	1087.6	1052.0
145°	1233.4	1164.8	1157.1	1126.0	1094.9
147.5°	1260.7	1205.8	1198.2	1168.0	1137.7
150°	1275.0	1227.2	1220.3	1193.0	1165.7
152.5°	1284.3	1241.2	1236.0	1215.3	1194.6
155°	1304.9	1271.9	1268.1	1252.8	1237.4
157.5°	1325.4	1302.7	1299.0	1284.0	1269.1
160°	1334.6	1316.6	1313.7	1302.2	1290.6
162.5°	1344.6	1331.6	1329.4	1320.7	1312.0
165°	1358.8	1353.0	1351.0	1343.2	1335.3
167.5°	1370.1	1365.1	1364.2	1360.4	1356.8
170°	1379.4	1379.1	1378.2	1374.4	1370.7
172.5°	1380.1	1380.1	1379.9	1379.0	1378.2
175°	1385.6	1388.4	1388.4	1388.4	1388.4
177.5°	1386.2	1388.4	1388.4	1388.4	1388.4
180°	1388.4	1388.4	1388.4	1388.4	1388.4



TEST NUMBER: P935887
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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	8.12	8.79	9.28	9.93	11.54	10.95	11.61	12.10	12.76	14.36
	3H	8.59	9.18	9.75	10.33	11.95	12.28	12.87	13.44	14.02	15.64
	4H	8.77	9.33	9.94	10.48	12.11	12.71	13.28	13.88	14.43	16.05
	6H	8.88	9.39	10.06	10.55	12.19	12.98	13.50	14.16	14.66	16.29
	8H	8.87	9.36	10.05	10.53	12.16	13.05	13.55	14.23	14.71	16.34
	12H	8.83	9.30	10.02	10.47	12.12	13.08	13.55	14.27	14.71	16.36
4H	2H	9.13	9.70	10.31	10.85	12.47	11.33	11.90	12.51	13.05	14.68
	3H	10.14	10.61	11.32	11.79	13.42	12.82	13.29	14.00	14.47	16.10
	4H	10.41	10.84	11.59	12.00	13.66	13.34	13.77	14.52	14.94	16.59
	6H	10.52	10.89	11.71	12.08	13.72	13.69	14.06	14.88	15.25	16.89
	8H	10.52	10.87	11.71	12.05	13.71	13.79	14.14	14.98	15.31	16.98
	12H	10.48	10.79	11.68	11.98	13.65	13.84	14.15	15.04	15.34	17.01
8H	4H	10.84	11.19	12.03	12.37	14.03	13.45	13.79	14.63	14.97	16.63
	6H	11.10	11.38	12.30	12.60	14.26	13.87	14.16	15.08	15.38	17.04
	8H	11.14	11.38	12.35	12.58	14.26	14.02	14.27	15.23	15.47	17.15
	12H	11.11	11.33	12.33	12.53	14.24	14.11	14.33	15.33	15.52	17.23
12H	4H	10.84	11.15	12.04	12.34	14.01	13.40	13.71	14.61	14.90	16.57
	6H	11.15	11.40	12.37	12.60	14.28	13.87	14.12	15.08	15.31	16.99
	8H	11.21	11.43	12.43	12.63	14.34	14.02	14.24	15.24	15.43	17.14