

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: P935911

Luminaire Tested: SQ4-FA-150U-075D-830-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935911
REPORT IS A COMBINATION OF REPORTS P933775 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-075D-830-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

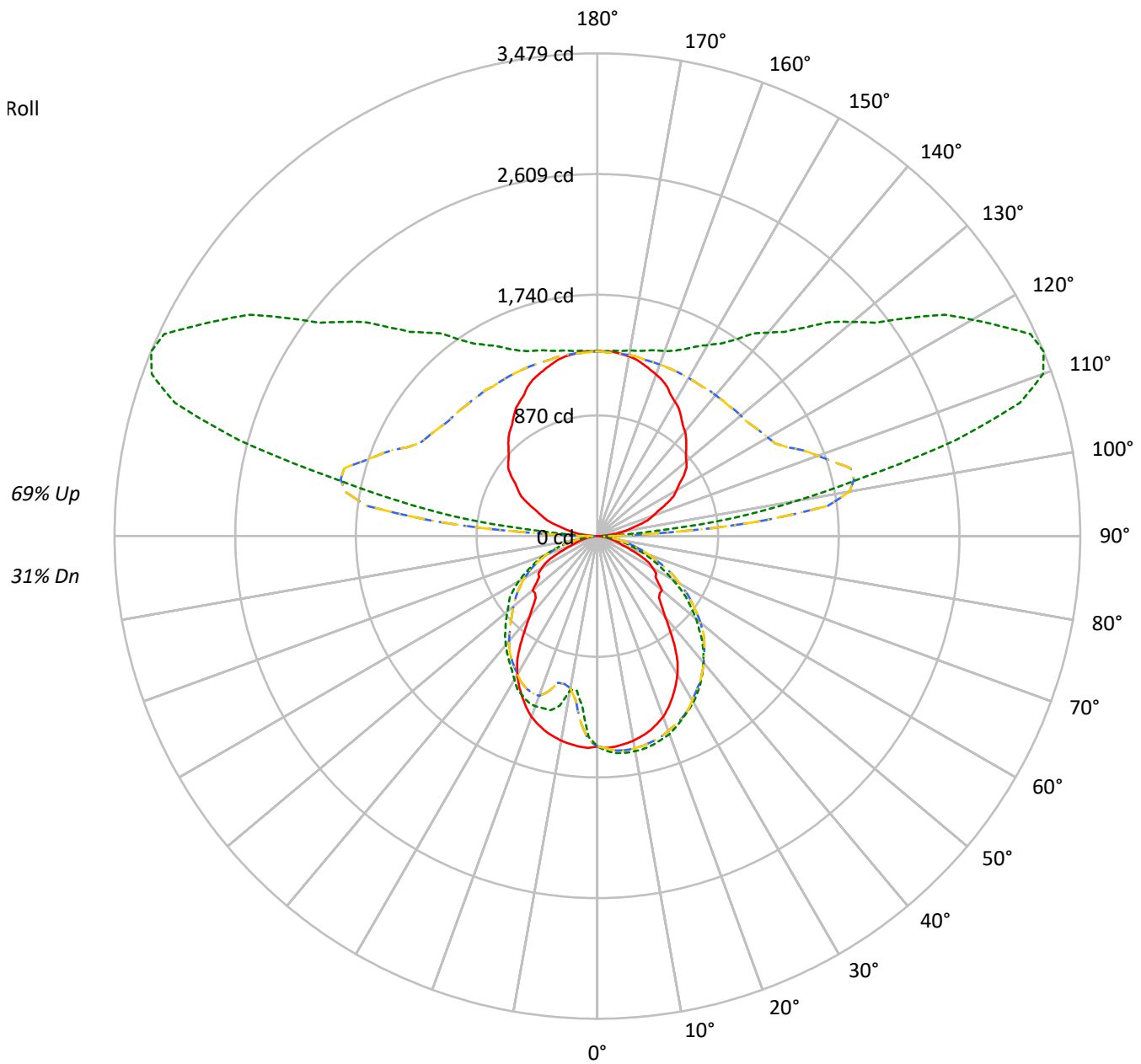
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12574.2 lumens
Efficiency: N/A
Efficacy: 131.8 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): 95.4
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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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				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	103	103	103	103	92	92	92	92	73	73	73	55	55	55	39	39	39	39	39	39	31
1	94	89	86	82	84	81	77	75	64	62	60	49	47	46	34	34	33	34	34	33	26
2	85	78	72	67	76	70	65	61	56	52	49	43	40	38	30	29	28	30	29	28	22
3	78	69	61	56	70	62	56	51	49	45	42	38	35	32	27	25	24	27	25	24	19
4	71	61	53	47	64	55	48	43	44	39	35	33	30	28	24	22	20	24	22	20	16
5	65	54	46	40	58	49	42	37	39	34	30	30	27	24	22	19	18	22	19	18	14
6	60	48	40	35	54	44	37	32	35	30	26	27	23	21	19	17	15	19	17	15	12
7	55	43	36	30	49	39	33	28	32	27	23	24	21	18	18	15	14	18	15	14	11
8	51	39	32	27	46	36	29	24	29	24	20	22	19	16	16	14	12	16	14	12	10
9	47	36	28	23	43	32	26	22	26	21	18	20	17	14	15	13	11	15	13	11	9
10	44	33	26	21	40	30	23	19	24	19	16	19	15	13	14	12	10	14	12	10	8

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9376	9376	9376	9376
5°	9443	9465	9443	7443
10°	9377	9323	9377	6666
15°	9271	9122	9271	7617
20°	9074	8882	9074	7632
25°	8674	8533	8674	7471
30°	8157	8244	8157	7116
35°	7268	7877	7268	6726
40°	6053	7446	6053	6430
45°	5405	6941	5405	6092
50°	5737	6338	5737	5751
55°	5393	5689	5393	5554
60°	5552	4832	5552	5088
65°	5026	3995	5026	4465
70°	3473	3183	3473	3743
75°	3033	2353	3033	2818
80°	2428	1556	2428	1693
85°	1365	824	1365	701

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8289 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.8	1.1
10°-20°	388.5	3.1
20°-30°	600.5	4.8
30°-40°	716.9	5.7
40°-50°	721.1	5.7
50°-60°	627.4	5.0
60°-70°	444.9	3.5
70°-80°	235.4	1.9
80°-90°	63.7	0.5
90°-100°	649.6	5.2
100°-110°	1707.8	13.6
110°-120°	1770.8	14.1
120°-130°	1420.4	11.3
130°-140°	1114.5	8.9
140°-150°	855.5	6.8
150°-160°	616.1	4.9
160°-170°	376.9	3.0
170°-180°	127.4	1.0
0°-30°	1125.8	9.0
0°-40°	1842.7	14.7
0°-60°	3191.2	25.4
0°-90°	3935.1	31.3
90°-120°	4128.3	32.8
90°-150°	7518.7	59.8
90°-180°	8639.0	68.7
0°-180°	12574.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1516	1516	1516	1516	1516	
5°	1523	1570	1523	1235	1523	144
15°	1454	1556	1454	1299	1454	409
25°	1281	1451	1281	1270	1281	588
35°	974	1295	974	1106	974	602
45°	628	1067	628	936	628	503
55°	512	787	512	769	512	470
65°	356	475	356	531	356	340
75°	135	225	135	270	135	142
85°	23	57	23	49	23	31
90°	9	34	9	34	9	8
95°	86	393	86	393	86	95
105°	308	2674	308	2674	308	326
115°	546	3443	546	3443	546	540
125°	760	2742	760	2742	760	675
135°	906	2128	906	2128	906	701
145°	1051	1726	1051	1726	1051	658
155°	1188	1486	1188	1486	1188	546
165°	1282	1384	1282	1384	1282	362
175°	1333	1342	1333	1342	1333	127
180°	1333	1333	1333	1333	1333	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7
2.5°	1528.6	1528.6	1537.2	1540.1	1540.1	1535.8	1531.5	1535.8	1548.7	1553.0	1551.6
5°	1522.9	1534.4	1550.2	1553.0	1555.9	1554.5	1551.6	1554.5	1568.8	1571.7	1573.1
7.5°	1511.4	1532.9	1553.0	1557.3	1561.6	1557.3	1555.9	1558.8	1573.1	1576.0	1576.0
10°	1497.1	1527.2	1550.2	1553.0	1557.3	1553.0	1553.0	1558.8	1573.1	1576.0	1577.4
12.5°	1477.0	1518.6	1540.1	1543.0	1548.7	1547.3	1545.9	1551.6	1565.9	1568.8	1568.8
15°	1454.1	1502.8	1522.9	1525.8	1535.8	1532.9	1532.9	1538.7	1554.5	1558.8	1557.3
17.5°	1422.5	1482.8	1505.7	1510.0	1517.2	1515.7	1517.2	1522.9	1537.2	1540.1	1541.6
20°	1386.7	1455.5	1482.8	1487.1	1494.2	1494.2	1494.2	1501.4	1515.7	1521.5	1521.5
22.5°	1337.9	1426.8	1455.5	1458.4	1467.0	1467.0	1469.8	1479.9	1492.8	1494.2	1494.2
25°	1280.6	1395.3	1419.7	1428.3	1436.9	1441.2	1445.5	1451.2	1455.5	1454.1	1455.5
27.5°	1220.3	1355.1	1386.7	1392.4	1403.9	1408.2	1413.9	1415.4	1416.8	1421.1	1418.2
30°	1152.9	1299.2	1346.5	1352.3	1370.9	1373.8	1368.0	1370.9	1378.1	1380.9	1383.8
32.5°	1076.9	1216.0	1304.9	1317.8	1335.1	1326.4	1325.0	1329.3	1340.8	1340.8	1343.7
35°	973.7	1151.5	1266.2	1277.7	1290.6	1280.6	1286.3	1287.7	1294.9	1299.2	1297.8
37.5°	860.4	1095.6	1226.1	1234.7	1244.7	1231.8	1240.4	1244.7	1250.4	1247.6	1247.6
40°	760.0	1008.1	1178.7	1184.5	1193.1	1183.0	1191.7	1194.5	1197.4	1194.5	1193.1
42.5°	685.5	912.0	1128.6	1135.7	1130.0	1137.2	1140.0	1145.8	1141.5	1135.7	1135.7
45°	628.1	886.2	1074.1	1082.7	1074.1	1085.5	1089.8	1089.8	1076.9	1074.1	1072.6
47.5°	609.4	834.6	1019.6	1019.6	1015.3	1029.6	1036.8	1026.7	1013.8	1009.5	1009.5
50°	608.0	777.2	945.0	939.3	959.3	976.6	969.4	959.3	949.3	933.5	933.5
52.5°	552.1	707.0	848.9	870.4	902.0	912.0	900.6	890.5	873.3	866.1	860.4
55°	511.9	633.8	761.5	804.5	837.5	850.4	828.9	818.8	793.0	788.7	785.8
57.5°	503.3	527.7	681.2	735.6	775.8	774.4	761.5	742.8	721.3	717.0	715.6
60°	461.7	381.4	595.1	659.6	701.2	696.9	685.5	668.2	648.2	645.3	642.4
62.5°	418.7	276.8	497.6	570.7	629.5	628.1	618.1	592.2	577.9	570.7	565.0
65°	355.6	232.3	354.2	474.7	559.3	562.1	540.6	522.0	506.2	497.6	496.2
67.5°	271.0	189.3	239.5	395.8	491.9	489.0	461.7	453.1	433.1	428.8	420.2
70°	200.8	126.2	166.3	321.2	425.9	418.7	397.2	387.2	368.5	358.5	352.8
72.5°	166.3	101.8	121.9	249.5	358.5	349.9	331.3	319.8	304.0	295.4	289.7
75°	134.8	107.6	93.2	185.0	291.1	285.4	268.2	256.7	243.8	232.3	233.7
77.5°	98.9	100.4	74.6	136.2	230.9	222.3	212.2	197.9	192.2	180.7	180.7
80°	74.6	78.9	55.9	93.2	166.3	166.3	157.7	147.7	137.7	131.9	131.9
82.5°	50.2	50.2	41.6	58.8	113.3	109.0	103.2	100.4	94.6	91.8	91.8
85°	22.9	28.7	25.8	35.8	61.7	64.5	64.5	61.7	60.2	57.4	58.8
87.5°	7.2	12.9	15.8	20.1	31.5	33.0	34.4	34.4	34.4	35.8	35.8
90°	9.0	16.2	23.2	25.0	39.4	58.4	68.0	60.4	45.3	34.0	34.0
92.5°	35.8	96.6	157.5	172.7	242.7	336.1	382.8	335.5	240.9	170.0	163.2
95°	85.8	197.1	308.5	336.3	597.2	945.0	1118.9	998.4	757.5	576.9	556.4
97.5°	148.5	246.6	344.8	369.4	804.4	1384.4	1674.3	1598.2	1446.0	1331.8	1292.8
100°	196.7	285.8	374.8	397.1	879.8	1523.4	1845.2	1850.7	1861.9	1870.2	1823.9
102.5°	237.9	321.0	404.1	424.8	914.4	1567.1	1893.5	1990.4	2184.4	2329.9	2290.1
105°	307.6	378.0	448.4	466.0	940.0	1572.0	1888.1	2105.5	2540.4	2866.6	2845.2
107.5°	379.2	444.8	510.4	526.8	944.7	1502.1	1780.7	2084.1	2690.7	3145.6	3150.8
110°	427.5	486.8	546.0	560.8	937.6	1440.0	1691.3	2030.4	2708.5	3217.1	3239.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	474.9	531.3	587.7	601.9	937.9	1385.9	1609.9	1956.9	2651.0	3171.5	3205.8
115°	546.4	598.6	650.7	663.7	946.5	1323.8	1512.4	1846.7	2515.3	3016.8	3064.2
117.5°	617.1	664.4	711.7	723.6	964.2	1285.0	1445.4	1747.1	2350.4	2803.0	2855.6
120°	658.3	702.9	747.4	758.5	978.5	1271.9	1418.5	1694.2	2245.5	2659.0	2710.1
122.5°	698.5	743.5	788.4	799.6	999.0	1265.0	1398.0	1646.2	2142.7	2515.0	2565.4
125°	760.2	801.1	842.1	852.4	1026.7	1259.3	1375.6	1586.5	2008.2	2324.5	2370.9
127.5°	810.3	851.6	893.0	903.3	1054.5	1256.0	1356.8	1537.8	1900.0	2171.6	2210.8
130°	837.2	881.7	926.3	937.4	1074.8	1258.1	1349.7	1510.9	1833.2	2075.0	2111.1
132.5°	864.9	909.4	954.0	965.1	1091.2	1259.3	1343.4	1487.6	1776.2	1992.7	2025.1
135°	906.0	946.5	987.2	997.3	1109.1	1258.1	1332.7	1453.5	1695.2	1876.4	1904.4
137.5°	948.1	988.2	1028.4	1038.4	1135.9	1265.8	1330.8	1433.0	1637.3	1790.6	1813.4
140°	983.0	1020.0	1056.9	1066.1	1152.3	1267.2	1324.6	1412.9	1589.4	1721.8	1743.1
142.5°	1009.7	1044.0	1078.2	1086.7	1166.0	1271.8	1324.6	1402.2	1557.1	1673.4	1691.7
145°	1050.9	1080.8	1110.6	1118.0	1183.9	1271.8	1315.6	1379.0	1505.9	1601.0	1614.9
147.5°	1092.0	1121.1	1150.1	1157.3	1210.1	1280.5	1315.6	1365.6	1465.3	1540.1	1551.7
150°	1118.9	1145.1	1171.3	1177.9	1223.8	1285.1	1315.6	1357.8	1442.0	1505.2	1514.6
152.5°	1146.6	1166.5	1186.4	1191.4	1232.8	1288.0	1315.6	1351.6	1423.6	1477.5	1484.6
155°	1187.7	1202.5	1217.2	1220.8	1252.5	1294.6	1315.6	1344.2	1401.5	1444.4	1449.1
157.5°	1218.1	1232.5	1246.8	1250.4	1272.1	1301.1	1315.6	1337.9	1382.5	1415.8	1419.1
160°	1238.8	1249.9	1261.0	1263.7	1281.0	1304.1	1315.6	1334.8	1372.9	1401.5	1403.4
162.5°	1259.3	1267.7	1276.0	1278.1	1290.6	1307.3	1315.6	1331.7	1363.9	1388.1	1389.9
165°	1281.7	1289.3	1296.7	1298.6	1304.3	1311.8	1315.6	1327.2	1350.3	1367.6	1369.5
167.5°	1302.3	1305.8	1309.4	1310.3	1315.1	1321.5	1324.6	1332.2	1347.3	1358.6	1359.3
170°	1315.6	1319.2	1322.8	1323.7	1324.0	1324.4	1324.6	1332.2	1347.3	1358.6	1358.6
172.5°	1322.8	1323.6	1324.4	1324.6	1324.6	1324.6	1324.6	1330.6	1342.5	1351.4	1350.7
175°	1332.7	1332.7	1332.7	1332.7	1330.0	1326.4	1324.6	1328.4	1335.9	1341.6	1341.6
177.5°	1332.7	1332.7	1332.7	1332.7	1330.6	1327.8	1326.4	1329.3	1335.3	1339.8	1339.1
180°	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7
2.5°	1554.5	1550.2	1554.5	1551.6	1553.0	1548.7	1535.8	1531.5	1535.8	1540.1	1540.1
5°	1573.1	1570.2	1573.1	1573.1	1571.7	1568.8	1554.5	1551.6	1554.5	1555.9	1553.0
7.5°	1578.8	1574.5	1578.8	1576.0	1576.0	1573.1	1558.8	1555.9	1557.3	1561.6	1557.3
10°	1578.8	1574.5	1578.8	1577.4	1576.0	1573.1	1558.8	1553.0	1553.0	1557.3	1553.0
12.5°	1571.7	1568.8	1571.7	1568.8	1568.8	1565.9	1551.6	1545.9	1547.3	1548.7	1543.0
15°	1560.2	1555.9	1560.2	1557.3	1558.8	1554.5	1538.7	1532.9	1532.9	1535.8	1525.8
17.5°	1543.0	1537.2	1543.0	1541.6	1540.1	1537.2	1522.9	1517.2	1515.7	1517.2	1510.0
20°	1522.9	1518.6	1522.9	1521.5	1521.5	1515.7	1501.4	1494.2	1494.2	1494.2	1487.1
22.5°	1491.4	1487.1	1491.4	1494.2	1494.2	1492.8	1479.9	1469.8	1467.0	1467.0	1458.4
25°	1455.5	1451.2	1455.5	1455.5	1454.1	1455.5	1451.2	1445.5	1441.2	1436.9	1428.3
27.5°	1421.1	1418.2	1421.1	1418.2	1421.1	1416.8	1415.4	1413.9	1408.2	1403.9	1392.4
30°	1386.7	1383.8	1386.7	1383.8	1380.9	1378.1	1370.9	1368.0	1373.8	1370.9	1352.3
32.5°	1343.7	1340.8	1343.7	1343.7	1340.8	1340.8	1329.3	1325.0	1326.4	1335.1	1317.8
35°	1299.2	1294.9	1299.2	1297.8	1299.2	1294.9	1287.7	1286.3	1280.6	1290.6	1277.7
37.5°	1247.6	1243.3	1247.6	1247.6	1247.6	1250.4	1244.7	1240.4	1231.8	1244.7	1234.7
40°	1194.5	1188.8	1194.5	1193.1	1194.5	1197.4	1194.5	1191.7	1183.0	1193.1	1184.5
42.5°	1134.3	1132.9	1134.3	1135.7	1135.7	1141.5	1145.8	1140.0	1137.2	1130.0	1135.7
45°	1069.8	1066.9	1069.8	1072.6	1074.1	1076.9	1089.8	1089.8	1085.5	1074.1	1082.7
47.5°	1000.9	993.8	1000.9	1009.5	1009.5	1013.8	1026.7	1036.8	1029.6	1015.3	1019.6
50°	927.8	929.2	927.8	933.5	933.5	949.3	959.3	969.4	976.6	959.3	939.3
52.5°	856.1	854.7	856.1	860.4	866.1	873.3	890.5	900.6	912.0	902.0	870.4
55°	784.4	787.3	784.4	785.8	788.7	793.0	818.8	828.9	850.4	837.5	804.5
57.5°	712.7	708.4	712.7	715.6	717.0	721.3	742.8	761.5	774.4	775.8	735.6
60°	629.5	623.8	629.5	642.4	645.3	648.2	668.2	685.5	696.9	701.2	659.6
62.5°	556.4	546.4	556.4	565.0	570.7	577.9	592.2	618.1	628.1	629.5	570.7
65°	479.0	474.7	479.0	496.2	497.6	506.2	522.0	540.6	562.1	559.3	474.7
67.5°	408.7	408.7	408.7	420.2	428.8	433.1	453.1	461.7	489.0	491.9	395.8
70°	344.2	342.7	344.2	352.8	358.5	368.5	387.2	397.2	418.7	425.9	321.2
72.5°	282.5	281.1	282.5	289.7	295.4	304.0	319.8	331.3	349.9	358.5	249.5
75°	228.0	225.1	228.0	233.7	232.3	243.8	256.7	268.2	285.4	291.1	185.0
77.5°	174.9	174.9	174.9	180.7	180.7	192.2	197.9	212.2	222.3	230.9	136.2
80°	130.5	129.1	130.5	131.9	131.9	137.7	147.7	157.7	166.3	166.3	93.2
82.5°	91.8	88.9	91.8	91.8	91.8	94.6	100.4	103.2	109.0	113.3	58.8
85°	57.4	57.4	57.4	58.8	57.4	60.2	61.7	64.5	64.5	61.7	35.8
87.5°	37.3	35.8	37.3	35.8	35.8	34.4	34.4	34.4	33.0	31.5	20.1
90°	34.0	34.0	34.0	34.0	34.0	45.3	60.4	68.0	58.4	39.4	25.0
92.5°	136.1	109.1	136.1	163.2	170.0	240.9	335.5	382.8	336.1	242.7	172.7
95°	474.5	392.6	474.5	556.4	576.9	757.5	998.4	1118.9	945.0	597.2	336.3
97.5°	1137.0	981.1	1137.0	1292.8	1331.8	1446.0	1598.2	1674.3	1384.4	804.4	369.4
100°	1638.2	1452.5	1638.2	1823.9	1870.2	1861.9	1850.7	1845.2	1523.4	879.8	397.1
102.5°	2131.1	1972.1	2131.1	2290.1	2329.9	2184.4	1990.4	1893.5	1567.1	914.4	424.8
105°	2759.7	2674.2	2759.7	2845.2	2866.6	2540.4	2105.5	1888.1	1572.0	940.0	466.0
107.5°	3171.4	3192.1	3171.4	3150.8	3145.6	2690.7	2084.1	1780.7	1502.1	944.7	526.8
110°	3328.4	3417.5	3328.4	3239.4	3217.1	2708.5	2030.4	1691.3	1440.0	937.6	560.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3342.5	3479.2	3342.5	3205.8	3171.5	2651.0	1956.9	1609.9	1385.9	937.9	601.9
115°	3253.7	3443.4	3253.7	3064.2	3016.8	2515.3	1846.7	1512.4	1323.8	946.5	663.7
117.5°	3065.9	3276.2	3065.9	2855.6	2803.0	2350.4	1747.1	1445.4	1285.0	964.2	723.6
120°	2914.5	3118.8	2914.5	2710.1	2659.0	2245.5	1694.2	1418.5	1271.9	978.5	758.5
122.5°	2767.0	2968.5	2767.0	2565.4	2515.0	2142.7	1646.2	1398.0	1265.0	999.0	799.6
125°	2556.5	2742.2	2556.5	2370.9	2324.5	2008.2	1586.5	1375.6	1259.3	1026.7	852.4
127.5°	2367.3	2524.0	2367.3	2210.8	2171.6	1900.0	1537.8	1356.8	1256.0	1054.5	903.3
130°	2255.9	2400.5	2255.9	2111.1	2075.0	1833.2	1510.9	1349.7	1258.1	1074.8	937.4
132.5°	2154.6	2284.3	2154.6	2025.1	1992.7	1776.2	1487.6	1343.4	1259.3	1091.2	965.1
135°	2016.1	2127.8	2016.1	1904.4	1876.4	1695.2	1453.5	1332.7	1258.1	1109.1	997.3
137.5°	1904.9	1996.3	1904.9	1813.4	1790.6	1637.3	1433.0	1330.8	1265.8	1135.9	1038.4
140°	1828.5	1914.0	1828.5	1743.1	1721.8	1589.4	1412.9	1324.6	1267.2	1152.3	1066.1
142.5°	1765.3	1838.9	1765.3	1691.7	1673.4	1557.1	1402.2	1324.6	1271.8	1166.0	1086.7
145°	1670.5	1726.2	1670.5	1614.9	1601.0	1505.9	1379.0	1315.6	1271.8	1183.9	1118.0
147.5°	1597.8	1643.9	1597.8	1551.7	1540.1	1465.3	1365.6	1315.6	1280.5	1210.1	1157.3
150°	1552.0	1589.4	1552.0	1514.6	1505.2	1442.0	1357.8	1315.6	1285.1	1223.8	1177.9
152.5°	1512.8	1541.1	1512.8	1484.6	1477.5	1423.6	1351.6	1315.6	1288.0	1232.8	1191.4
155°	1467.7	1486.5	1467.7	1449.1	1444.4	1401.5	1344.2	1315.6	1294.6	1252.5	1220.8
157.5°	1432.3	1445.4	1432.3	1419.1	1415.8	1382.5	1337.9	1315.6	1301.1	1272.1	1250.4
160°	1411.0	1418.5	1411.0	1403.4	1401.5	1372.9	1334.8	1315.6	1304.1	1281.0	1263.7
162.5°	1397.0	1404.2	1397.0	1389.9	1388.1	1363.9	1331.7	1315.6	1307.3	1290.6	1278.1
165°	1376.9	1384.5	1376.9	1369.5	1367.6	1350.3	1327.2	1315.6	1311.8	1304.3	1298.6
167.5°	1362.6	1365.7	1362.6	1359.3	1358.6	1347.3	1332.2	1324.6	1321.5	1315.1	1310.3
170°	1358.6	1358.6	1358.6	1358.6	1358.6	1347.3	1332.2	1324.6	1324.4	1324.0	1323.7
172.5°	1348.0	1345.2	1348.0	1350.7	1351.4	1342.5	1330.6	1324.6	1324.6	1324.6	1324.6
175°	1341.6	1341.6	1341.6	1341.6	1341.6	1335.9	1328.4	1324.6	1326.4	1330.0	1332.7
177.5°	1335.8	1332.7	1335.8	1339.1	1339.8	1335.3	1329.3	1326.4	1327.8	1330.6	1332.7
180°	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7
2.5°	1537.2	1528.6	1528.6	1514.3	1508.6	1504.3	1497.1	1475.6	1469.8	1464.1	1472.7
5°	1550.2	1534.4	1522.9	1497.1	1475.6	1467.0	1439.7	1388.1	1353.7	1327.9	1313.5
7.5°	1553.0	1532.9	1511.4	1471.3	1419.7	1396.7	1313.5	1218.9	1193.1	1170.1	1155.8
10°	1550.2	1527.2	1497.1	1436.9	1315.0	1274.8	1191.7	1130.0	1114.2	1109.9	1114.2
12.5°	1540.1	1518.6	1477.0	1376.6	1206.0	1178.7	1130.0	1094.1	1091.3	1098.4	1137.2
15°	1522.9	1502.8	1454.1	1296.3	1145.8	1125.7	1091.3	1078.4	1094.1	1144.3	1260.5
17.5°	1505.7	1482.8	1422.5	1217.5	1099.9	1085.5	1061.2	1087.0	1175.9	1243.3	1282.0
20°	1482.8	1455.5	1386.7	1160.1	1066.9	1054.0	1042.5	1158.7	1226.1	1250.4	1272.0
22.5°	1455.5	1426.8	1337.9	1120.0	1032.5	1022.4	1029.6	1198.8	1226.1	1243.3	1261.9
25°	1419.7	1395.3	1280.6	1088.4	1005.2	993.8	1021.0	1194.5	1210.3	1214.6	1251.9
27.5°	1386.7	1355.1	1220.3	1059.7	972.3	968.0	1028.2	1175.9	1187.4	1191.7	1231.8
30°	1346.5	1299.2	1152.9	1029.6	937.8	936.4	1029.6	1152.9	1150.1	1161.5	1201.7
32.5°	1304.9	1216.0	1076.9	992.3	904.9	903.4	1019.6	1118.5	1115.7	1131.4	1161.5
35°	1266.2	1151.5	973.7	949.3	863.3	864.7	995.2	1078.4	1079.8	1094.1	1112.8
37.5°	1226.1	1095.6	860.4	902.0	823.1	823.1	962.2	1041.1	1038.2	1042.5	1068.3
40°	1178.7	1008.1	760.0	840.3	785.8	781.5	922.1	1000.9	990.9	989.5	1025.3
42.5°	1128.6	912.0	685.5	758.6	742.8	737.1	873.3	952.2	933.5	937.8	983.7
45°	1074.1	886.2	628.1	641.0	698.4	694.1	820.2	896.2	883.3	894.8	942.1
47.5°	1019.6	834.6	609.4	532.0	651.0	649.6	761.5	841.8	834.6	846.1	896.2
50°	945.0	777.2	608.0	456.0	598.0	603.7	691.2	788.7	788.7	798.7	851.8
52.5°	848.9	707.0	552.1	413.0	536.3	553.5	629.5	742.8	745.7	755.7	803.0
55°	761.5	633.8	511.9	380.0	463.2	500.5	569.3	695.5	701.2	711.3	754.3
57.5°	681.2	527.7	503.3	341.3	395.8	431.6	516.2	649.6	652.5	661.1	702.7
60°	595.1	381.4	461.7	299.7	337.0	364.2	467.5	595.1	605.1	610.9	646.7
62.5°	497.6	276.8	418.7	271.0	308.3	314.0	427.3	543.5	556.4	560.7	582.2
65°	354.2	232.3	355.6	246.6	278.2	279.6	384.3	490.4	501.9	509.1	524.8
67.5°	239.5	189.3	271.0	223.7	255.3	256.7	342.7	428.8	444.5	450.3	460.3
70°	166.3	126.2	200.8	199.3	229.4	232.3	298.3	372.8	387.2	391.5	397.2
72.5°	121.9	101.8	166.3	179.2	202.2	205.1	252.4	309.7	324.1	328.4	331.3
75°	93.2	107.6	134.8	156.3	172.1	173.5	206.5	252.4	262.4	265.3	266.7
77.5°	74.6	100.4	98.9	126.2	140.5	137.7	162.0	195.0	203.6	203.6	203.6
80°	55.9	78.9	74.6	90.3	103.2	100.4	116.2	139.1	142.0	144.8	143.4
82.5°	41.6	50.2	50.2	57.4	68.8	66.0	77.4	90.3	90.3	90.3	93.2
85°	25.8	28.7	22.9	30.1	38.7	37.3	43.0	48.8	50.2	50.2	47.3
87.5°	15.8	12.9	7.2	11.5	17.2	17.2	20.1	21.5	20.1	20.1	20.1
90°	23.2	16.2	9.0	16.2	23.2	25.0	39.4	58.4	68.0	60.4	45.3
92.5°	157.5	96.6	35.8	96.6	157.5	172.7	242.7	336.1	382.8	335.5	240.9
95°	308.5	197.1	85.8	197.1	308.5	336.3	597.2	945.0	1118.9	998.4	757.5
97.5°	344.8	246.6	148.5	246.6	344.8	369.4	804.4	1384.4	1674.3	1598.2	1446.0
100°	374.8	285.8	196.7	285.8	374.8	397.1	879.8	1523.4	1845.2	1850.7	1861.9
102.5°	404.1	321.0	237.9	321.0	404.1	424.8	914.4	1567.1	1893.5	1990.4	2184.4
105°	448.4	378.0	307.6	378.0	448.4	466.0	940.0	1572.0	1888.1	2105.5	2540.4
107.5°	510.4	444.8	379.2	444.8	510.4	526.8	944.7	1502.1	1780.7	2084.1	2690.7
110°	546.0	486.8	427.5	486.8	546.0	560.8	937.6	1440.0	1691.3	2030.4	2708.5



TEST NUMBER: P935911

CATALOG NUMBER: SQ4-FA-150U-075D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	587.7	531.3	474.9	531.3	587.7	601.9	937.9	1385.9	1609.9	1956.9	2651.0
115°	650.7	598.6	546.4	598.6	650.7	663.7	946.5	1323.8	1512.4	1846.7	2515.3
117.5°	711.7	664.4	617.1	664.4	711.7	723.6	964.2	1285.0	1445.4	1747.1	2350.4
120°	747.4	702.9	658.3	702.9	747.4	758.5	978.5	1271.9	1418.5	1694.2	2245.5
122.5°	788.4	743.5	698.5	743.5	788.4	799.6	999.0	1265.0	1398.0	1646.2	2142.7
125°	842.1	801.1	760.2	801.1	842.1	852.4	1026.7	1259.3	1375.6	1586.5	2008.2
127.5°	893.0	851.6	810.3	851.6	893.0	903.3	1054.5	1256.0	1356.8	1537.8	1900.0
130°	926.3	881.7	837.2	881.7	926.3	937.4	1074.8	1258.1	1349.7	1510.9	1833.2
132.5°	954.0	909.4	864.9	909.4	954.0	965.1	1091.2	1259.3	1343.4	1487.6	1776.2
135°	987.2	946.5	906.0	946.5	987.2	997.3	1109.1	1258.1	1332.7	1453.5	1695.2
137.5°	1028.4	988.2	948.1	988.2	1028.4	1038.4	1135.9	1265.8	1330.8	1433.0	1637.3
140°	1056.9	1020.0	983.0	1020.0	1056.9	1066.1	1152.3	1267.2	1324.6	1412.9	1589.4
142.5°	1078.2	1044.0	1009.7	1044.0	1078.2	1086.7	1166.0	1271.8	1324.6	1402.2	1557.1
145°	1110.6	1080.8	1050.9	1080.8	1110.6	1118.0	1183.9	1271.8	1315.6	1379.0	1505.9
147.5°	1150.1	1121.1	1092.0	1121.1	1150.1	1157.3	1210.1	1280.5	1315.6	1365.6	1465.3
150°	1171.3	1145.1	1118.9	1145.1	1171.3	1177.9	1223.8	1285.1	1315.6	1357.8	1442.0
152.5°	1186.4	1166.5	1146.6	1166.5	1186.4	1191.4	1232.8	1288.0	1315.6	1351.6	1423.6
155°	1217.2	1202.5	1187.7	1202.5	1217.2	1220.8	1252.5	1294.6	1315.6	1344.2	1401.5
157.5°	1246.8	1232.5	1218.1	1232.5	1246.8	1250.4	1272.1	1301.1	1315.6	1337.9	1382.5
160°	1261.0	1249.9	1238.8	1249.9	1261.0	1263.7	1281.0	1304.1	1315.6	1334.8	1372.9
162.5°	1276.0	1267.7	1259.3	1267.7	1276.0	1278.1	1290.6	1307.3	1315.6	1331.7	1363.9
165°	1296.7	1289.3	1281.7	1289.3	1296.7	1298.6	1304.3	1311.8	1315.6	1327.2	1350.3
167.5°	1309.4	1305.8	1302.3	1305.8	1309.4	1310.3	1315.1	1321.5	1324.6	1332.2	1347.3
170°	1322.8	1319.2	1315.6	1319.2	1322.8	1323.7	1324.0	1324.4	1324.6	1332.2	1347.3
172.5°	1324.4	1323.6	1322.8	1323.6	1324.4	1324.6	1324.6	1324.6	1324.6	1330.6	1342.5
175°	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1330.0	1326.4	1324.6	1328.4	1335.9
177.5°	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1330.6	1327.8	1326.4	1329.3	1335.3
180°	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7



TEST NUMBER: P935911
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7	1515.7
2.5°	1462.7	1458.4	1464.1	1448.3	1464.1	1458.4	1462.7	1472.7	1464.1	1469.8	1475.6
5°	1283.4	1276.3	1253.3	1234.7	1253.3	1276.3	1283.4	1313.5	1327.9	1353.7	1388.1
7.5°	1147.2	1141.5	1135.7	1124.3	1135.7	1141.5	1147.2	1155.8	1170.1	1193.1	1218.9
10°	1117.1	1118.5	1127.1	1125.7	1127.1	1118.5	1117.1	1114.2	1109.9	1114.2	1130.0
12.5°	1194.5	1207.4	1254.8	1251.9	1254.8	1207.4	1194.5	1137.2	1098.4	1091.3	1094.1
15°	1283.4	1287.7	1297.8	1299.2	1297.8	1287.7	1283.4	1260.5	1144.3	1094.1	1078.4
17.5°	1292.0	1293.5	1300.6	1300.6	1300.6	1293.5	1292.0	1282.0	1243.3	1175.9	1087.0
20°	1284.9	1287.7	1302.1	1304.9	1302.1	1287.7	1284.9	1272.0	1250.4	1226.1	1158.7
22.5°	1282.0	1287.7	1299.2	1297.8	1299.2	1287.7	1282.0	1261.9	1243.3	1226.1	1198.8
25°	1267.7	1267.7	1269.1	1270.5	1269.1	1267.7	1267.7	1251.9	1214.6	1210.3	1194.5
27.5°	1237.5	1240.4	1249.0	1247.6	1249.0	1240.4	1237.5	1231.8	1191.7	1187.4	1175.9
30°	1210.3	1207.4	1200.3	1194.5	1200.3	1207.4	1210.3	1201.7	1161.5	1150.1	1152.9
32.5°	1164.4	1157.2	1150.1	1145.8	1150.1	1157.2	1164.4	1161.5	1131.4	1115.7	1118.5
35°	1109.9	1111.4	1109.9	1105.6	1109.9	1111.4	1109.9	1112.8	1094.1	1079.8	1078.4
37.5°	1071.2	1074.1	1072.6	1066.9	1072.6	1074.1	1071.2	1068.3	1042.5	1038.2	1041.1
40°	1031.0	1032.5	1031.0	1026.7	1031.0	1032.5	1031.0	1025.3	989.5	990.9	1000.9
42.5°	992.3	990.9	986.6	983.7	986.6	990.9	992.3	983.7	937.8	933.5	952.2
45°	947.9	949.3	940.7	936.4	940.7	949.3	947.9	942.1	894.8	883.3	896.2
47.5°	903.4	903.4	896.2	891.9	896.2	903.4	903.4	896.2	846.1	834.6	841.8
50°	856.1	854.7	844.6	843.2	844.6	854.7	856.1	851.8	798.7	788.7	788.7
52.5°	801.6	801.6	803.0	805.9	803.0	801.6	801.6	803.0	755.7	745.7	742.8
55°	754.3	755.7	765.8	768.6	765.8	755.7	754.3	754.3	711.3	701.2	695.5
57.5°	705.5	705.5	712.7	712.7	712.7	705.5	705.5	702.7	661.1	652.5	649.6
60°	649.6	652.5	658.2	656.8	658.2	652.5	649.6	646.7	610.9	605.1	595.1
62.5°	590.8	593.7	595.1	592.2	595.1	593.7	590.8	582.2	560.7	556.4	543.5
65°	529.1	532.0	533.4	530.6	533.4	532.0	529.1	524.8	509.1	501.9	490.4
67.5°	466.0	464.6	463.2	468.9	463.2	464.6	466.0	460.3	450.3	444.5	428.8
70°	401.5	401.5	400.1	403.0	400.1	401.5	401.5	397.2	391.5	387.2	372.8
72.5°	332.7	331.3	337.0	332.7	337.0	331.3	332.7	331.3	328.4	324.1	309.7
75°	265.3	268.2	265.3	269.6	265.3	268.2	265.3	266.7	265.3	262.4	252.4
77.5°	202.2	205.1	202.2	202.2	202.2	205.1	202.2	203.6	203.6	203.6	195.0
80°	143.4	142.0	142.0	140.5	142.0	142.0	143.4	143.4	144.8	142.0	139.1
82.5°	91.8	90.3	90.3	93.2	90.3	90.3	91.8	93.2	90.3	90.3	90.3
85°	50.2	51.6	48.8	48.8	48.8	51.6	50.2	47.3	50.2	50.2	48.8
87.5°	18.6	17.2	17.2	17.2	17.2	17.2	18.6	20.1	20.1	20.1	21.5
90°	34.0	34.0	34.0	34.0	34.0	34.0	34.0	45.3	60.4	68.0	58.4
92.5°	170.0	163.2	136.1	109.1	136.1	163.2	170.0	240.9	335.5	382.8	336.1
95°	576.9	556.4	474.5	392.6	474.5	556.4	576.9	757.5	998.4	1118.9	945.0
97.5°	1331.8	1292.8	1137.0	981.1	1137.0	1292.8	1331.8	1446.0	1598.2	1674.3	1384.4
100°	1870.2	1823.9	1638.2	1452.5	1638.2	1823.9	1870.2	1861.9	1850.7	1845.2	1523.4
102.5°	2329.9	2290.1	2131.1	1972.1	2131.1	2290.1	2329.9	2184.4	1990.4	1893.5	1567.1
105°	2866.6	2845.2	2759.7	2674.2	2759.7	2845.2	2866.6	2540.4	2105.5	1888.1	1572.0
107.5°	3145.6	3150.8	3171.4	3192.1	3171.4	3150.8	3145.6	2690.7	2084.1	1780.7	1502.1
110°	3217.1	3239.4	3328.4	3417.5	3328.4	3239.4	3217.1	2708.5	2030.4	1691.3	1440.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3171.5	3205.8	3342.5	3479.2	3342.5	3205.8	3171.5	2651.0	1956.9	1609.9	1385.9
115°	3016.8	3064.2	3253.7	3443.4	3253.7	3064.2	3016.8	2515.3	1846.7	1512.4	1323.8
117.5°	2803.0	2855.6	3065.9	3276.2	3065.9	2855.6	2803.0	2350.4	1747.1	1445.4	1285.0
120°	2659.0	2710.1	2914.5	3118.8	2914.5	2710.1	2659.0	2245.5	1694.2	1418.5	1271.9
122.5°	2515.0	2565.4	2767.0	2968.5	2767.0	2565.4	2515.0	2142.7	1646.2	1398.0	1265.0
125°	2324.5	2370.9	2556.5	2742.2	2556.5	2370.9	2324.5	2008.2	1586.5	1375.6	1259.3
127.5°	2171.6	2210.8	2367.3	2524.0	2367.3	2210.8	2171.6	1900.0	1537.8	1356.8	1256.0
130°	2075.0	2111.1	2255.9	2400.5	2255.9	2111.1	2075.0	1833.2	1510.9	1349.7	1258.1
132.5°	1992.7	2025.1	2154.6	2284.3	2154.6	2025.1	1992.7	1776.2	1487.6	1343.4	1259.3
135°	1876.4	1904.4	2016.1	2127.8	2016.1	1904.4	1876.4	1695.2	1453.5	1332.7	1258.1
137.5°	1790.6	1813.4	1904.9	1996.3	1904.9	1813.4	1790.6	1637.3	1433.0	1330.8	1265.8
140°	1721.8	1743.1	1828.5	1914.0	1828.5	1743.1	1721.8	1589.4	1412.9	1324.6	1267.2
142.5°	1673.4	1691.7	1765.3	1838.9	1765.3	1691.7	1673.4	1557.1	1402.2	1324.6	1271.8
145°	1601.0	1614.9	1670.5	1726.2	1670.5	1614.9	1601.0	1505.9	1379.0	1315.6	1271.8
147.5°	1540.1	1551.7	1597.8	1643.9	1597.8	1551.7	1540.1	1465.3	1365.6	1315.6	1280.5
150°	1505.2	1514.6	1552.0	1589.4	1552.0	1514.6	1505.2	1442.0	1357.8	1315.6	1285.1
152.5°	1477.5	1484.6	1512.8	1541.1	1512.8	1484.6	1477.5	1423.6	1351.6	1315.6	1288.0
155°	1444.4	1449.1	1467.7	1486.5	1467.7	1449.1	1444.4	1401.5	1344.2	1315.6	1294.6
157.5°	1415.8	1419.1	1432.3	1445.4	1432.3	1419.1	1415.8	1382.5	1337.9	1315.6	1301.1
160°	1401.5	1403.4	1411.0	1418.5	1411.0	1403.4	1401.5	1372.9	1334.8	1315.6	1304.1
162.5°	1388.1	1389.9	1397.0	1404.2	1397.0	1389.9	1388.1	1363.9	1331.7	1315.6	1307.3
165°	1367.6	1369.5	1376.9	1384.5	1376.9	1369.5	1367.6	1350.3	1327.2	1315.6	1311.8
167.5°	1358.6	1359.3	1362.6	1365.7	1362.6	1359.3	1358.6	1347.3	1332.2	1324.6	1321.5
170°	1358.6	1358.6	1358.6	1358.6	1358.6	1358.6	1358.6	1347.3	1332.2	1324.6	1324.4
172.5°	1351.4	1350.7	1348.0	1345.2	1348.0	1350.7	1351.4	1342.5	1330.6	1324.6	1324.6
175°	1341.6	1341.6	1341.6	1341.6	1341.6	1341.6	1341.6	1335.9	1328.4	1324.6	1326.4
177.5°	1339.8	1339.1	1335.8	1332.7	1335.8	1339.1	1339.8	1335.3	1329.3	1326.4	1327.8
180°	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7	1332.7



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1515.7	1515.7	1515.7	1515.7	1515.7
2.5°	1497.1	1504.3	1508.6	1514.3	1528.6
5°	1439.7	1467.0	1475.6	1497.1	1522.9
7.5°	1313.5	1396.7	1419.7	1471.3	1511.4
10°	1191.7	1274.8	1315.0	1436.9	1497.1
12.5°	1130.0	1178.7	1206.0	1376.6	1477.0
15°	1091.3	1125.7	1145.8	1296.3	1454.1
17.5°	1061.2	1085.5	1099.9	1217.5	1422.5
20°	1042.5	1054.0	1066.9	1160.1	1386.7
22.5°	1029.6	1022.4	1032.5	1120.0	1337.9
25°	1021.0	993.8	1005.2	1088.4	1280.6
27.5°	1028.2	968.0	972.3	1059.7	1220.3
30°	1029.6	936.4	937.8	1029.6	1152.9
32.5°	1019.6	903.4	904.9	992.3	1076.9
35°	995.2	864.7	863.3	949.3	973.7
37.5°	962.2	823.1	823.1	902.0	860.4
40°	922.1	781.5	785.8	840.3	760.0
42.5°	873.3	737.1	742.8	758.6	685.5
45°	820.2	694.1	698.4	641.0	628.1
47.5°	761.5	649.6	651.0	532.0	609.4
50°	691.2	603.7	598.0	456.0	608.0
52.5°	629.5	553.5	536.3	413.0	552.1
55°	569.3	500.5	463.2	380.0	511.9
57.5°	516.2	431.6	395.8	341.3	503.3
60°	467.5	364.2	337.0	299.7	461.7
62.5°	427.3	314.0	308.3	271.0	418.7
65°	384.3	279.6	278.2	246.6	355.6
67.5°	342.7	256.7	255.3	223.7	271.0
70°	298.3	232.3	229.4	199.3	200.8
72.5°	252.4	205.1	202.2	179.2	166.3
75°	206.5	173.5	172.1	156.3	134.8
77.5°	162.0	137.7	140.5	126.2	98.9
80°	116.2	100.4	103.2	90.3	74.6
82.5°	77.4	66.0	68.8	57.4	50.2
85°	43.0	37.3	38.7	30.1	22.9
87.5°	20.1	17.2	17.2	11.5	7.2
90°	39.4	25.0	23.2	16.2	9.0
92.5°	242.7	172.7	157.5	96.6	35.8
95°	597.2	336.3	308.5	197.1	85.8
97.5°	804.4	369.4	344.8	246.6	148.5
100°	879.8	397.1	374.8	285.8	196.7
102.5°	914.4	424.8	404.1	321.0	237.9
105°	940.0	466.0	448.4	378.0	307.6
107.5°	944.7	526.8	510.4	444.8	379.2
110°	937.6	560.8	546.0	486.8	427.5



TEST NUMBER: P935911

CATALOG NUMBER: SQ4-FA-150U-075D-830-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	937.9	601.9	587.7	531.3	474.9
115°	946.5	663.7	650.7	598.6	546.4
117.5°	964.2	723.6	711.7	664.4	617.1
120°	978.5	758.5	747.4	702.9	658.3
122.5°	999.0	799.6	788.4	743.5	698.5
125°	1026.7	852.4	842.1	801.1	760.2
127.5°	1054.5	903.3	893.0	851.6	810.3
130°	1074.8	937.4	926.3	881.7	837.2
132.5°	1091.2	965.1	954.0	909.4	864.9
135°	1109.1	997.3	987.2	946.5	906.0
137.5°	1135.9	1038.4	1028.4	988.2	948.1
140°	1152.3	1066.1	1056.9	1020.0	983.0
142.5°	1166.0	1086.7	1078.2	1044.0	1009.7
145°	1183.9	1118.0	1110.6	1080.8	1050.9
147.5°	1210.1	1157.3	1150.1	1121.1	1092.0
150°	1223.8	1177.9	1171.3	1145.1	1118.9
152.5°	1232.8	1191.4	1186.4	1166.5	1146.6
155°	1252.5	1220.8	1217.2	1202.5	1187.7
157.5°	1272.1	1250.4	1246.8	1232.5	1218.1
160°	1281.0	1263.7	1261.0	1249.9	1238.8
162.5°	1290.6	1278.1	1276.0	1267.7	1259.3
165°	1304.3	1298.6	1296.7	1289.3	1281.7
167.5°	1315.1	1310.3	1309.4	1305.8	1302.3
170°	1324.0	1323.7	1322.8	1319.2	1315.6
172.5°	1324.6	1324.6	1324.4	1323.6	1322.8
175°	1330.0	1332.7	1332.7	1332.7	1332.7
177.5°	1330.6	1332.7	1332.7	1332.7	1332.7
180°	1332.7	1332.7	1332.7	1332.7	1332.7



TEST NUMBER: P935911
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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	10.54	11.25	11.64	12.35	13.87	13.36	14.08	14.47	15.18	16.69
	3H	11.01	11.65	12.12	12.75	14.29	14.70	15.34	15.81	16.44	17.98
	4H	11.19	11.80	12.31	12.91	14.44	15.13	15.74	16.25	16.85	18.39
	6H	11.30	11.86	12.43	12.97	14.52	15.41	15.97	16.54	17.08	18.63
	8H	11.30	11.83	12.43	12.96	14.50	15.48	16.01	16.61	17.14	18.68
	12H	11.26	11.77	12.40	12.89	14.45	15.51	16.01	16.65	17.14	18.70
4H	2H	11.55	12.16	12.68	13.27	14.81	13.75	14.36	14.88	15.47	17.01
	3H	12.57	13.07	13.70	14.21	15.76	15.24	15.75	16.38	16.89	18.44
	4H	12.84	13.30	13.97	14.42	16.00	15.77	16.23	16.90	17.35	18.93
	6H	12.95	13.35	14.10	14.50	16.06	16.12	16.52	17.27	17.67	19.23
	8H	12.95	13.33	14.10	14.47	16.04	16.22	16.60	17.37	17.73	19.31
	12H	12.91	13.25	14.08	14.40	15.99	16.27	16.61	17.43	17.76	19.34
8H	4H	13.28	13.65	14.42	14.79	16.37	15.88	16.25	17.02	17.39	18.97
	6H	13.53	13.84	14.70	15.02	16.59	16.31	16.61	17.47	17.80	19.37
	8H	13.57	13.84	14.74	15.00	16.60	16.46	16.72	17.63	17.88	19.48
	12H	13.55	13.79	14.72	14.94	16.57	16.55	16.78	17.72	17.94	19.57
12H	4H	13.27	13.61	14.44	14.76	16.35	15.84	16.17	17.00	17.32	18.91
	6H	13.59	13.86	14.76	15.02	16.61	16.30	16.57	17.47	17.73	19.33
	8H	13.65	13.89	14.82	15.04	16.67	16.46	16.69	17.63	17.85	19.48