

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: P935500

Luminaire Tested: SQ4-FA-125U-050D-B35-1D-UNV-STD-W-8

Issue Date: 12/17/2024

**Test Information**

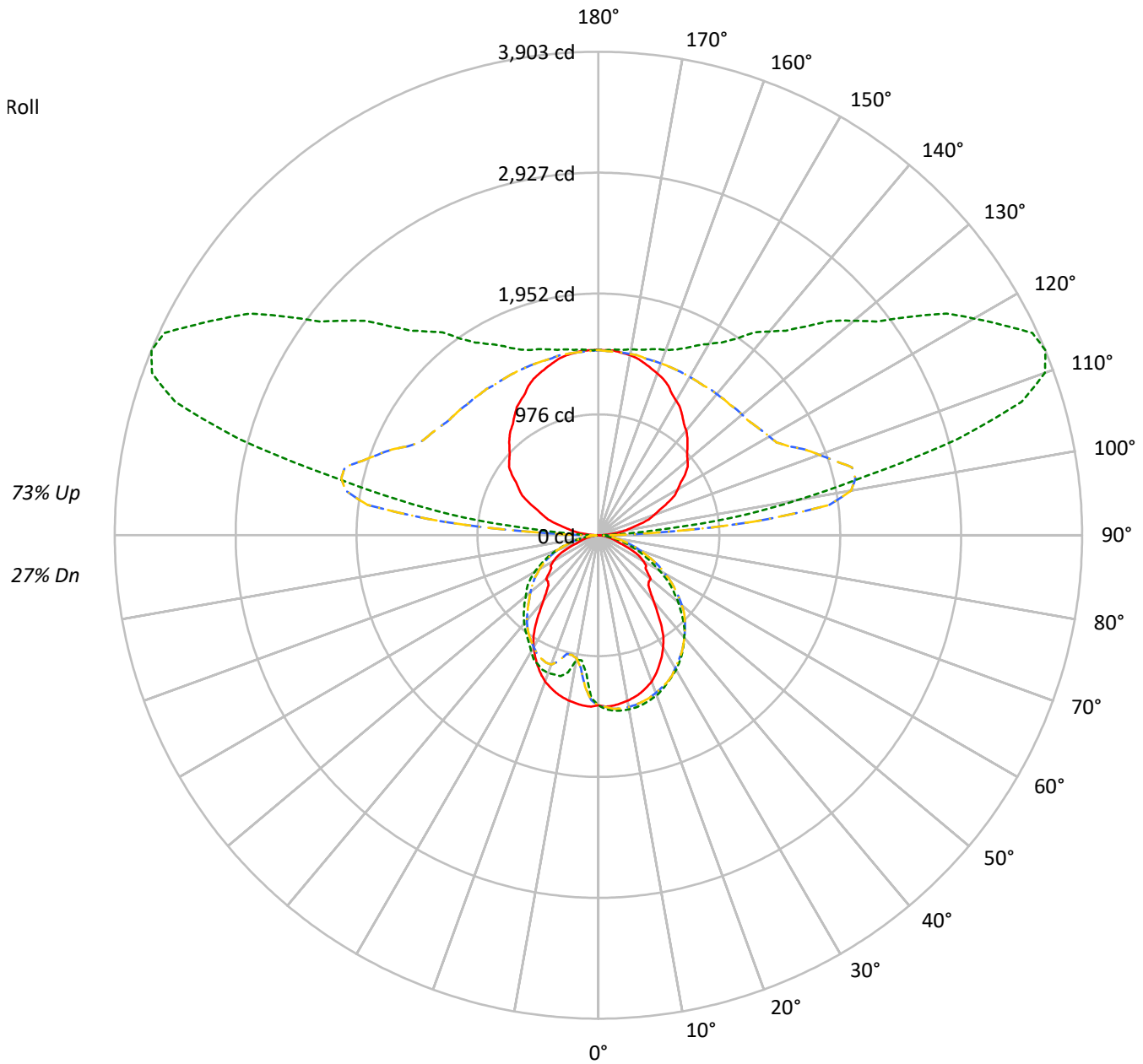
Test Method: LM-79-2019  
Report Number: P935500  
REPORT IS A COMBINATION OF REPORTS P933756 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-050D-B35-1D-UNV-STD-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13259.8 lumens  
Efficiency: N/A  
Efficacy: 139.3 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')  
CIE Type: Semi-Indirect  
  
Input Watts (W): 95.2  
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	102	102	102	102	91	91	91	91	71	71	71	52	52	52	35	35	35				27
1	93	88	85	81	83	79	76	73	62	60	58	46	44	43	31	30	29				23
2	84	77	71	66	75	69	64	60	54	51	48	40	38	36	27	26	25				19
3	77	68	61	55	68	61	55	50	48	43	40	35	33	30	24	22	21				16
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	20	18				14
5	64	53	45	40	57	48	41	36	38	33	29	28	25	22	19	17	16				12
6	59	48	40	34	53	43	36	31	34	29	25	25	22	19	17	15	14				10
7	55	43	35	30	49	38	32	27	30	26	22	23	20	17	16	14	12				9
8	50	39	31	26	45	35	28	24	28	23	19	21	18	15	15	12	11				8
9	47	35	28	23	42	32	25	21	25	21	17	19	16	14	13	11	10				7
10	44	32	25	20	39	29	23	19	23	19	15	18	14	12	12	10	9				7

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	6374	6374	6374	6374
5°	6422	6434	6422	5059
10°	6379	6338	6379	4531
15°	6309	6201	6309	5177
20°	6177	6038	6177	5189
25°	5907	5801	5907	5079
30°	5558	5604	5558	4837
35°	4955	5355	4955	4571
40°	4129	5061	4129	4371
45°	3689	4718	3689	4141
50°	3919	4309	3919	3910
55°	3687	3868	3687	3775
60°	3801	3285	3801	3458
65°	3446	2715	3446	3035
70°	2387	2164	2387	2544
75°	2093	1600	2093	1916
80°	1684	1058	1684	1151
85°	969	560	969	476

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 5654 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	124.0	0.9
10°-20°	352.1	2.7
20°-30°	544.3	4.1
30°-40°	649.8	4.9
40°-50°	653.6	4.9
50°-60°	568.7	4.3
60°-70°	403.2	3.0
70°-80°	213.3	1.6
80°-90°	58.8	0.4
90°-100°	728.8	5.5
100°-110°	1916.0	14.4
110°-120°	1986.7	15.0
120°-130°	1593.6	12.0
130°-140°	1250.4	9.4
140°-150°	959.7	7.2
150°-160°	691.2	5.2
160°-170°	422.9	3.2
170°-180°	142.9	1.1
0°-30°	1020.4	7.7
0°-40°	1670.1	12.6
0°-60°	2892.4	21.8
0°-90°	3567.7	26.9
90°-120°	4631.5	34.9
90°-150°	8435.1	63.6
90°-180°	9692.0	73.1
0°-180°	13259.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1374	1374	1374	1374	1374	
5°	1380	1423	1380	1119	1380	131
15°	1318	1410	1318	1178	1318	371
25°	1161	1315	1161	1152	1161	533
35°	882	1174	882	1002	882	546
45°	569	967	569	849	569	456
55°	464	714	464	697	464	426
65°	322	430	322	481	322	308
75°	122	204	122	244	122	128
85°	21	52	21	44	21	28
90°	10	38	10	38	10	9
95°	96	440	96	440	96	107
105°	345	3000	345	3000	345	366
115°	613	3863	613	3863	613	606
125°	853	3076	853	3076	853	757
135°	1016	2387	1016	2387	1016	786
145°	1179	1936	1179	1936	1179	739
155°	1333	1668	1333	1668	1333	612
165°	1438	1553	1438	1553	1438	406
175°	1495	1505	1495	1505	1495	142
180°	1495	1495	1495	1495	1495	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8
2.5°	1385.5	1385.5	1393.3	1395.9	1395.9	1392.0	1388.1	1392.0	1403.7	1407.6	1406.3
5°	1380.3	1390.7	1405.0	1407.6	1410.2	1408.9	1406.3	1408.9	1421.9	1424.5	1425.8
7.5°	1369.9	1389.4	1407.6	1411.5	1415.4	1411.5	1410.2	1412.8	1425.8	1428.4	1428.4
10°	1356.9	1384.2	1405.0	1407.6	1411.5	1407.6	1407.6	1412.8	1425.8	1428.4	1429.7
12.5°	1338.7	1376.4	1395.9	1398.5	1403.7	1402.4	1401.1	1406.3	1419.3	1421.9	1421.9
15°	1317.9	1362.1	1380.3	1382.9	1392.0	1389.4	1389.4	1394.6	1408.9	1412.8	1411.5
17.5°	1289.4	1343.9	1364.7	1368.6	1375.1	1373.8	1375.1	1380.3	1393.3	1395.9	1397.2
20°	1256.8	1319.2	1343.9	1347.8	1354.3	1354.3	1354.3	1360.8	1373.8	1379.0	1379.0
22.5°	1212.6	1293.2	1319.2	1321.8	1329.7	1329.7	1332.2	1341.3	1353.0	1354.3	1354.3
25°	1160.7	1264.6	1286.7	1294.5	1302.3	1306.2	1310.1	1315.3	1319.2	1317.9	1319.2
27.5°	1106.1	1228.2	1256.8	1262.0	1272.4	1276.4	1281.5	1282.9	1284.1	1288.0	1285.5
30°	1045.0	1177.5	1220.5	1225.7	1242.5	1245.2	1239.9	1242.5	1249.0	1251.7	1254.3
32.5°	976.1	1102.1	1182.8	1194.5	1210.1	1202.2	1201.0	1204.9	1215.2	1215.2	1217.8
35°	882.5	1043.7	1147.7	1158.1	1169.8	1160.7	1165.9	1167.2	1173.7	1177.5	1176.3
37.5°	779.9	993.0	1111.2	1119.1	1128.2	1116.5	1124.2	1128.2	1133.3	1130.7	1130.7
40°	688.9	913.7	1068.4	1073.6	1081.4	1072.3	1080.0	1082.7	1085.3	1082.7	1081.4
42.5°	621.2	826.7	1022.9	1029.4	1024.1	1030.7	1033.2	1038.5	1034.6	1029.4	1029.4
45°	569.3	803.2	973.5	981.3	973.5	983.9	987.8	987.8	976.1	973.5	972.2
47.5°	552.4	756.4	924.1	924.1	920.2	933.2	939.7	930.6	918.9	915.0	915.0
50°	551.1	704.5	856.5	851.4	869.5	885.1	878.6	869.5	860.4	846.1	846.1
52.5°	500.4	640.8	769.5	789.0	817.5	826.7	816.2	807.2	791.6	785.0	779.9
55°	464.0	574.5	690.1	729.2	759.0	770.7	751.3	742.2	718.7	714.8	712.2
57.5°	456.2	478.3	617.3	666.8	703.1	701.8	690.1	673.3	653.8	649.9	648.6
60°	418.5	345.7	539.3	597.9	635.6	631.7	621.2	605.6	587.5	584.9	582.3
62.5°	379.6	250.9	451.0	517.3	570.5	569.3	560.2	536.8	523.7	517.3	512.1
65°	322.3	210.6	321.0	430.2	506.9	509.5	490.0	473.1	458.8	451.0	449.7
67.5°	245.6	171.6	217.1	358.7	445.8	443.2	418.5	410.8	392.5	388.7	380.8
70°	182.0	114.3	150.8	291.2	386.0	379.6	360.0	351.0	334.0	324.9	319.8
72.5°	150.8	92.2	110.5	226.2	324.9	317.2	300.2	289.8	275.6	267.7	262.5
75°	122.2	97.5	84.5	167.6	263.9	258.6	243.0	232.7	220.9	210.6	211.8
77.5°	89.7	91.0	67.5	123.5	209.3	201.5	192.3	179.4	174.1	163.8	163.8
80°	67.5	71.5	50.7	84.5	150.8	150.8	142.9	133.9	124.8	119.6	119.6
82.5°	45.4	45.4	37.7	53.3	102.7	98.7	93.6	91.0	85.8	83.1	83.1
85°	20.8	26.0	23.4	32.5	55.9	58.5	58.5	55.9	54.6	52.0	53.3
87.5°	6.5	11.7	14.3	18.2	28.6	29.9	31.2	31.2	31.2	32.5	32.5
90°	10.1	18.1	26.1	28.1	44.2	65.6	76.3	67.7	50.8	38.1	38.1
92.5°	40.1	108.3	176.6	193.7	272.3	377.0	429.5	376.4	270.3	190.6	183.0
95°	96.3	221.2	346.1	377.3	670.0	1060.2	1255.2	1120.2	849.9	647.2	624.2
97.5°	166.6	276.7	386.9	414.4	902.4	1553.1	1878.4	1793.0	1622.2	1494.1	1450.4
100°	220.7	320.6	420.5	445.5	987.0	1709.0	2070.1	2076.3	2088.8	2098.2	2046.1
102.5°	266.9	360.1	453.3	476.7	1025.9	1758.2	2124.2	2233.1	2450.7	2613.9	2569.3
105°	345.2	424.1	503.0	522.8	1054.6	1763.7	2118.2	2362.1	2850.0	3215.9	3192.0
107.5°	425.5	499.0	572.6	591.0	1059.9	1685.2	1997.8	2338.1	3018.6	3529.0	3534.8
110°	479.7	546.1	612.6	629.2	1051.9	1615.6	1897.5	2277.9	3038.7	3609.2	3634.2



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	532.9	596.1	659.5	675.3	1052.2	1554.9	1806.1	2195.5	2974.1	3558.1	3596.4
115°	613.1	671.5	729.9	744.5	1061.9	1485.2	1696.8	2071.8	2821.9	3384.5	3437.7
117.5°	692.4	745.5	798.5	811.7	1081.7	1441.6	1621.5	1960.0	2636.9	3144.7	3203.7
120°	738.5	788.5	838.4	850.9	1097.7	1426.9	1591.4	1900.7	2519.2	2983.2	3040.4
122.5°	783.6	834.0	884.4	897.0	1120.7	1419.1	1568.3	1846.8	2403.9	2821.6	2878.1
125°	852.9	898.8	944.8	956.2	1151.9	1412.8	1543.2	1779.9	2253.0	2607.9	2659.9
127.5°	909.1	955.5	1001.8	1013.5	1183.1	1409.1	1522.2	1725.3	2131.6	2436.3	2480.2
130°	939.2	989.2	1039.1	1051.6	1205.7	1411.3	1514.2	1695.0	2056.7	2327.9	2368.5
132.5°	970.3	1020.3	1070.2	1082.7	1224.1	1412.8	1507.1	1669.0	1992.7	2235.6	2271.9
135°	1016.5	1061.9	1107.5	1118.8	1244.2	1411.4	1495.1	1630.6	1901.8	2105.2	2136.5
137.5°	1063.6	1108.6	1153.7	1164.9	1274.3	1420.2	1493.0	1607.7	1836.9	2008.8	2034.5
140°	1102.7	1144.2	1185.7	1196.0	1292.7	1421.6	1486.1	1585.1	1783.1	1931.6	1955.5
142.5°	1132.9	1171.2	1209.5	1219.1	1308.1	1426.8	1486.1	1573.0	1746.9	1877.3	1898.0
145°	1179.0	1212.4	1245.9	1254.3	1328.2	1426.8	1476.0	1547.1	1689.5	1796.1	1811.7
147.5°	1225.2	1257.8	1290.3	1298.5	1357.7	1436.5	1476.0	1532.0	1643.9	1727.9	1740.8
150°	1255.2	1284.7	1314.2	1321.5	1373.0	1441.7	1476.0	1523.3	1617.8	1688.8	1699.2
152.5°	1286.3	1308.6	1330.9	1336.5	1383.1	1445.0	1476.0	1516.4	1597.1	1657.7	1665.6
155°	1332.6	1349.0	1365.5	1369.7	1405.1	1452.3	1476.0	1508.2	1572.4	1620.6	1625.8
157.5°	1366.7	1382.7	1398.8	1402.7	1427.1	1459.7	1476.0	1501.0	1550.9	1588.4	1592.1
160°	1389.7	1402.2	1414.7	1417.8	1437.2	1463.1	1476.0	1497.4	1540.2	1572.3	1574.4
162.5°	1412.8	1422.1	1431.5	1433.8	1447.9	1466.6	1476.0	1494.0	1530.1	1557.3	1559.3
165°	1437.9	1446.4	1454.9	1457.0	1463.3	1471.7	1476.0	1489.0	1514.8	1534.2	1536.3
167.5°	1461.0	1464.9	1469.0	1470.0	1475.3	1482.5	1486.1	1494.5	1511.4	1524.1	1525.0
170°	1476.0	1480.1	1484.1	1485.1	1485.4	1485.9	1486.1	1494.5	1511.4	1524.1	1524.1
172.5°	1484.0	1484.9	1485.9	1486.1	1486.1	1486.1	1486.1	1492.7	1506.1	1516.2	1515.4
175°	1495.1	1495.1	1495.1	1495.1	1492.1	1488.1	1486.1	1490.3	1498.8	1505.1	1505.1
177.5°	1495.1	1495.1	1495.1	1495.1	1492.7	1489.6	1488.1	1491.4	1498.1	1503.1	1502.2
180°	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8
2.5°	1408.9	1405.0	1408.9	1406.3	1407.6	1403.7	1392.0	1388.1	1392.0	1395.9	1395.9
5°	1425.8	1423.2	1425.8	1425.8	1424.5	1421.9	1408.9	1406.3	1408.9	1410.2	1407.6
7.5°	1431.0	1427.1	1431.0	1428.4	1428.4	1425.8	1412.8	1410.2	1411.5	1415.4	1411.5
10°	1431.0	1427.1	1431.0	1429.7	1428.4	1425.8	1412.8	1407.6	1407.6	1411.5	1407.6
12.5°	1424.5	1421.9	1424.5	1421.9	1421.9	1419.3	1406.3	1401.1	1402.4	1403.7	1398.5
15°	1414.1	1410.2	1414.1	1411.5	1412.8	1408.9	1394.6	1389.4	1389.4	1392.0	1382.9
17.5°	1398.5	1393.3	1398.5	1397.2	1395.9	1393.3	1380.3	1375.1	1373.8	1375.1	1368.6
20°	1380.3	1376.4	1380.3	1379.0	1379.0	1373.8	1360.8	1354.3	1354.3	1354.3	1347.8
22.5°	1351.8	1347.8	1351.8	1354.3	1354.3	1353.0	1341.3	1332.2	1329.7	1329.7	1321.8
25°	1319.2	1315.3	1319.2	1319.2	1317.9	1319.2	1315.3	1310.1	1306.2	1302.3	1294.5
27.5°	1288.0	1285.5	1288.0	1285.5	1288.0	1284.1	1282.9	1281.5	1276.4	1272.4	1262.0
30°	1256.8	1254.3	1256.8	1254.3	1251.7	1249.0	1242.5	1239.9	1245.2	1242.5	1225.7
32.5°	1217.8	1215.2	1217.8	1217.8	1215.2	1215.2	1204.9	1201.0	1202.2	1210.1	1194.5
35°	1177.5	1173.7	1177.5	1176.3	1177.5	1173.7	1167.2	1165.9	1160.7	1169.8	1158.1
37.5°	1130.7	1126.9	1130.7	1130.7	1130.7	1133.3	1128.2	1124.2	1116.5	1128.2	1119.1
40°	1082.7	1077.4	1082.7	1081.4	1082.7	1085.3	1082.7	1080.0	1072.3	1081.4	1073.6
42.5°	1028.1	1026.8	1028.1	1029.4	1029.4	1034.6	1038.5	1033.2	1030.7	1024.1	1029.4
45°	969.6	967.0	969.6	972.2	973.5	976.1	987.8	987.8	983.9	973.5	981.3
47.5°	907.2	900.7	907.2	915.0	915.0	918.9	930.6	939.7	933.2	920.2	924.1
50°	840.9	842.3	840.9	846.1	846.1	860.4	869.5	878.6	885.1	869.5	851.4
52.5°	776.0	774.6	776.0	779.9	785.0	791.6	807.2	816.2	826.7	817.5	789.0
55°	711.0	713.6	711.0	712.2	714.8	718.7	742.2	751.3	770.7	759.0	729.2
57.5°	645.9	642.1	645.9	648.6	649.9	653.8	673.3	690.1	701.8	703.1	666.8
60°	570.5	565.4	570.5	582.3	584.9	587.5	605.6	621.2	631.7	635.6	597.9
62.5°	504.3	495.2	504.3	512.1	517.3	523.7	536.8	560.2	569.3	570.5	517.3
65°	434.1	430.2	434.1	449.7	451.0	458.8	473.1	490.0	509.5	506.9	430.2
67.5°	370.4	370.4	370.4	380.8	388.7	392.5	410.8	418.5	443.2	445.8	358.7
70°	311.9	310.7	311.9	319.8	324.9	334.0	351.0	360.0	379.6	386.0	291.2
72.5°	256.0	254.8	256.0	262.5	267.7	275.6	289.8	300.2	317.2	324.9	226.2
75°	206.7	204.1	206.7	211.8	210.6	220.9	232.7	243.0	258.6	263.9	167.6
77.5°	158.5	158.5	158.5	163.8	163.8	174.1	179.4	192.3	201.5	209.3	123.5
80°	118.3	117.0	118.3	119.6	119.6	124.8	133.9	142.9	150.8	150.8	84.5
82.5°	83.1	80.6	83.1	83.1	83.1	85.8	91.0	93.6	98.7	102.7	53.3
85°	52.0	52.0	52.0	53.3	52.0	54.6	55.9	58.5	58.5	55.9	32.5
87.5°	33.8	32.5	33.8	32.5	32.5	31.2	31.2	31.2	29.9	28.6	18.2
90°	38.1	38.1	38.1	38.1	38.1	50.8	67.7	76.3	65.6	44.2	28.1
92.5°	152.7	122.4	152.7	183.0	190.6	270.3	376.4	429.5	377.0	272.3	193.7
95°	532.4	440.5	532.4	624.2	647.2	849.9	1120.2	1255.2	1060.2	670.0	377.3
97.5°	1275.6	1100.8	1275.6	1450.4	1494.1	1622.2	1793.0	1878.4	1553.1	902.4	414.4
100°	1837.8	1629.6	1837.8	2046.1	2098.2	2088.8	2076.3	2070.1	1709.0	987.0	445.5
102.5°	2390.9	2212.5	2390.9	2569.3	2613.9	2450.7	2233.1	2124.2	1758.2	1025.9	476.7
105°	3096.1	3000.2	3096.1	3192.0	3215.9	2850.0	2362.1	2118.2	1763.7	1054.6	522.8
107.5°	3558.0	3581.1	3558.0	3534.8	3529.0	3018.6	2338.1	1997.8	1685.2	1059.9	591.0
110°	3734.1	3834.0	3734.1	3634.2	3609.2	3038.7	2277.9	1897.5	1615.6	1051.9	629.2





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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3749.8	3903.2	3749.8	3596.4	3558.1	2974.1	2195.5	1806.1	1554.9	1052.2	675.3
115°	3650.4	3863.1	3650.4	3437.7	3384.5	2821.9	2071.8	1696.8	1485.2	1061.9	744.5
117.5°	3439.6	3675.5	3439.6	3203.7	3144.7	2636.9	1960.0	1621.5	1441.6	1081.7	811.7
120°	3269.7	3498.9	3269.7	3040.4	2983.2	2519.2	1900.7	1591.4	1426.9	1097.7	850.9
122.5°	3104.3	3330.4	3104.3	2878.1	2821.6	2403.9	1846.8	1568.3	1419.1	1120.7	897.0
125°	2868.2	3076.5	2868.2	2659.9	2607.9	2253.0	1779.9	1543.2	1412.8	1151.9	956.2
127.5°	2655.9	2831.6	2655.9	2480.2	2436.3	2131.6	1725.3	1522.2	1409.1	1183.1	1013.5
130°	2530.8	2693.1	2530.8	2368.5	2327.9	2056.7	1695.0	1514.2	1411.3	1205.7	1051.6
132.5°	2417.4	2562.7	2417.4	2271.9	2235.6	1992.7	1669.0	1507.1	1412.8	1224.1	1082.7
135°	2261.8	2387.1	2261.8	2136.5	2105.2	1901.8	1630.6	1495.1	1411.4	1244.2	1118.8
137.5°	2137.0	2239.6	2137.0	2034.5	2008.8	1836.9	1607.7	1493.0	1420.2	1274.3	1164.9
140°	2051.5	2147.3	2051.5	1955.5	1931.6	1783.1	1585.1	1486.1	1421.6	1292.7	1196.0
142.5°	1980.4	2063.0	1980.4	1898.0	1877.3	1746.9	1573.0	1486.1	1426.8	1308.1	1219.1
145°	1874.1	1936.5	1874.1	1811.7	1796.1	1689.5	1547.1	1476.0	1426.8	1328.2	1254.3
147.5°	1792.6	1844.3	1792.6	1740.8	1727.9	1643.9	1532.0	1476.0	1436.5	1357.7	1298.5
150°	1741.2	1783.1	1741.2	1699.2	1688.8	1617.8	1523.3	1476.0	1441.7	1373.0	1321.5
152.5°	1697.2	1728.9	1697.2	1665.6	1657.7	1597.1	1516.4	1476.0	1445.0	1383.1	1336.5
155°	1646.7	1667.6	1646.7	1625.8	1620.6	1572.4	1508.2	1476.0	1452.3	1405.1	1369.7
157.5°	1606.8	1621.5	1606.8	1592.1	1588.4	1550.9	1501.0	1476.0	1459.7	1427.1	1402.7
160°	1582.9	1591.4	1582.9	1574.4	1572.3	1540.2	1497.4	1476.0	1463.1	1437.2	1417.8
162.5°	1567.4	1575.4	1567.4	1559.3	1557.3	1530.1	1494.0	1476.0	1466.6	1447.9	1433.8
165°	1544.8	1553.3	1544.8	1536.3	1534.2	1514.8	1489.0	1476.0	1471.7	1463.3	1457.0
167.5°	1528.6	1532.2	1528.6	1525.0	1524.1	1511.4	1494.5	1486.1	1482.5	1475.3	1470.0
170°	1524.1	1524.1	1524.1	1524.1	1524.1	1511.4	1494.5	1486.1	1485.9	1485.4	1485.1
172.5°	1512.2	1509.1	1512.2	1515.4	1516.2	1506.1	1492.7	1486.1	1486.1	1486.1	1486.1
175°	1505.1	1505.1	1505.1	1505.1	1505.1	1498.8	1490.3	1486.1	1488.1	1492.1	1495.1
177.5°	1498.7	1495.1	1498.7	1502.2	1503.1	1498.1	1491.4	1488.1	1489.6	1492.7	1495.1
180°	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1



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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8
2.5°	1393.3	1385.5	1385.5	1372.5	1367.4	1363.4	1356.9	1337.4	1332.2	1327.0	1334.8
5°	1405.0	1390.7	1380.3	1356.9	1337.4	1329.7	1305.0	1258.1	1226.9	1203.5	1190.5
7.5°	1407.6	1389.4	1369.9	1333.5	1286.7	1265.9	1190.5	1104.8	1081.4	1060.6	1047.6
10°	1405.0	1384.2	1356.9	1302.3	1191.9	1155.4	1080.0	1024.1	1009.9	1006.0	1009.9
12.5°	1395.9	1376.4	1338.7	1247.8	1093.0	1068.4	1024.1	991.7	989.1	995.6	1030.7
15°	1380.3	1362.1	1317.9	1174.9	1038.5	1020.3	989.1	977.4	991.7	1037.2	1142.5
17.5°	1364.7	1343.9	1289.4	1103.5	996.9	983.9	961.8	985.2	1065.8	1126.9	1161.9
20°	1343.9	1319.2	1256.8	1051.5	967.0	955.3	944.9	1050.2	1111.2	1133.3	1152.8
22.5°	1319.2	1293.2	1212.6	1015.1	935.8	926.8	933.2	1086.5	1111.2	1126.9	1143.7
25°	1286.7	1264.6	1160.7	986.5	911.2	900.7	925.4	1082.7	1097.0	1100.9	1134.7
27.5°	1256.8	1228.2	1106.1	960.5	881.2	877.3	931.9	1065.8	1076.2	1080.0	1116.5
30°	1220.5	1177.5	1045.0	933.2	850.0	848.7	933.2	1045.0	1042.4	1052.8	1089.2
32.5°	1182.8	1102.1	976.1	899.4	820.2	818.8	924.1	1013.8	1011.2	1025.5	1052.8
35°	1147.7	1043.7	882.5	860.4	782.5	783.7	902.0	977.4	978.7	991.7	1008.6
37.5°	1111.2	993.0	779.9	817.5	746.0	746.0	872.1	943.6	941.0	944.9	968.3
40°	1068.4	913.7	688.9	761.6	712.2	708.3	835.8	907.2	898.1	896.8	929.3
42.5°	1022.9	826.7	621.2	687.6	673.3	668.0	791.6	863.0	846.1	850.0	891.6
45°	973.5	803.2	569.3	581.0	633.0	629.1	743.4	812.3	800.6	811.1	853.9
47.5°	924.1	756.4	552.4	482.2	590.1	588.8	690.1	762.9	756.4	766.9	812.3
50°	856.5	704.5	551.1	413.3	542.0	547.2	626.5	714.8	714.8	723.9	772.0
52.5°	769.5	640.8	500.4	374.3	486.1	501.7	570.5	673.3	675.9	685.0	727.8
55°	690.1	574.5	464.0	344.4	419.8	453.6	516.0	630.3	635.6	644.7	683.6
57.5°	617.3	478.3	456.2	309.3	358.7	391.2	467.9	588.8	591.4	599.1	636.8
60°	539.3	345.7	418.5	271.6	305.4	330.1	423.7	539.3	548.5	553.7	586.1
62.5°	451.0	250.9	379.6	245.6	279.5	284.6	387.3	492.6	504.3	508.2	527.7
65°	321.0	210.6	322.3	223.5	252.1	253.5	348.4	444.5	454.9	461.4	475.7
67.5°	217.1	171.6	245.6	202.7	231.4	232.7	310.7	388.7	402.9	408.1	417.3
70°	150.8	114.3	182.0	180.6	207.9	210.6	270.4	337.9	351.0	354.8	360.0
72.5°	110.5	92.2	150.8	162.5	183.2	185.9	228.8	280.7	293.7	297.7	300.2
75°	84.5	97.5	122.2	141.7	156.0	157.3	187.1	228.8	237.9	240.4	241.8
77.5°	67.5	91.0	89.7	114.3	127.3	124.8	146.9	176.7	184.6	184.6	184.6
80°	50.7	71.5	67.5	81.9	93.6	91.0	105.2	126.1	128.7	131.3	129.9
82.5°	37.7	45.4	45.4	52.0	62.4	59.8	70.2	81.9	81.9	81.9	84.5
85°	23.4	26.0	20.8	27.3	35.1	33.8	39.0	44.2	45.4	45.4	42.9
87.5°	14.3	11.7	6.5	10.4	15.6	15.6	18.2	19.5	18.2	18.2	18.2
90°	26.1	18.1	10.1	18.1	26.1	28.1	44.2	65.6	76.3	67.7	50.8
92.5°	176.6	108.3	40.1	108.3	176.6	193.7	272.3	377.0	429.5	376.4	270.3
95°	346.1	221.2	96.3	221.2	346.1	377.3	670.0	1060.2	1255.2	1120.2	849.9
97.5°	386.9	276.7	166.6	276.7	386.9	414.4	902.4	1553.1	1878.4	1793.0	1622.2
100°	420.5	320.6	220.7	320.6	420.5	445.5	987.0	1709.0	2070.1	2076.3	2088.8
102.5°	453.3	360.1	266.9	360.1	453.3	476.7	1025.9	1758.2	2124.2	2233.1	2450.7
105°	503.0	424.1	345.2	424.1	503.0	522.8	1054.6	1763.7	2118.2	2362.1	2850.0
107.5°	572.6	499.0	425.5	499.0	572.6	591.0	1059.9	1685.2	1997.8	2338.1	3018.6
110°	612.6	546.1	479.7	546.1	612.6	629.2	1051.9	1615.6	1897.5	2277.9	3038.7



TEST NUMBER: P935500

CATALOG NUMBER: SQ4-FA-125U-050D-B35-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	659.5	596.1	532.9	596.1	659.5	675.3	1052.2	1554.9	1806.1	2195.5	2974.1
115°	729.9	671.5	613.1	671.5	729.9	744.5	1061.9	1485.2	1696.8	2071.8	2821.9
117.5°	798.5	745.5	692.4	745.5	798.5	811.7	1081.7	1441.6	1621.5	1960.0	2636.9
120°	838.4	788.5	738.5	788.5	838.4	850.9	1097.7	1426.9	1591.4	1900.7	2519.2
122.5°	884.4	834.0	783.6	834.0	884.4	897.0	1120.7	1419.1	1568.3	1846.8	2403.9
125°	944.8	898.8	852.9	898.8	944.8	956.2	1151.9	1412.8	1543.2	1779.9	2253.0
127.5°	1001.8	955.5	909.1	955.5	1001.8	1013.5	1183.1	1409.1	1522.2	1725.3	2131.6
130°	1039.1	989.2	939.2	989.2	1039.1	1051.6	1205.7	1411.3	1514.2	1695.0	2056.7
132.5°	1070.2	1020.3	970.3	1020.3	1070.2	1082.7	1224.1	1412.8	1507.1	1669.0	1992.7
135°	1107.5	1061.9	1016.5	1061.9	1107.5	1118.8	1244.2	1411.4	1495.1	1630.6	1901.8
137.5°	1153.7	1108.6	1063.6	1108.6	1153.7	1164.9	1274.3	1420.2	1493.0	1607.7	1836.9
140°	1185.7	1144.2	1102.7	1144.2	1185.7	1196.0	1292.7	1421.6	1486.1	1585.1	1783.1
142.5°	1209.5	1171.2	1132.9	1171.2	1209.5	1219.1	1308.1	1426.8	1486.1	1573.0	1746.9
145°	1245.9	1212.4	1179.0	1212.4	1245.9	1254.3	1328.2	1426.8	1476.0	1547.1	1689.5
147.5°	1290.3	1257.8	1225.2	1257.8	1290.3	1298.5	1357.7	1436.5	1476.0	1532.0	1643.9
150°	1314.2	1284.7	1255.2	1284.7	1314.2	1321.5	1373.0	1441.7	1476.0	1523.3	1617.8
152.5°	1330.9	1308.6	1286.3	1308.6	1330.9	1336.5	1383.1	1445.0	1476.0	1516.4	1597.1
155°	1365.5	1349.0	1332.6	1349.0	1365.5	1369.7	1405.1	1452.3	1476.0	1508.2	1572.4
157.5°	1398.8	1382.7	1366.7	1382.7	1398.8	1402.7	1427.1	1459.7	1476.0	1501.0	1550.9
160°	1414.7	1402.2	1389.7	1402.2	1414.7	1417.8	1437.2	1463.1	1476.0	1497.4	1540.2
162.5°	1431.5	1422.1	1412.8	1422.1	1431.5	1433.8	1447.9	1466.6	1476.0	1494.0	1530.1
165°	1454.9	1446.4	1437.9	1446.4	1454.9	1457.0	1463.3	1471.7	1476.0	1489.0	1514.8
167.5°	1469.0	1464.9	1461.0	1464.9	1469.0	1470.0	1475.3	1482.5	1486.1	1494.5	1511.4
170°	1484.1	1480.1	1476.0	1480.1	1484.1	1485.1	1485.4	1485.9	1486.1	1494.5	1511.4
172.5°	1485.9	1484.9	1484.0	1484.9	1485.9	1486.1	1486.1	1486.1	1486.1	1492.7	1506.1
175°	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1492.1	1488.1	1486.1	1490.3	1498.8
177.5°	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1492.7	1489.6	1488.1	1491.4	1498.1
180°	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1



TEST NUMBER: P935500  
 CATALOG NUMBER: SQ4-FA-125U-050D-B35-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8	1373.8
2.5°	1325.7	1321.8	1327.0	1312.7	1327.0	1321.8	1325.7	1334.8	1327.0	1332.2	1337.4
5°	1163.3	1156.8	1136.0	1119.1	1136.0	1156.8	1163.3	1190.5	1203.5	1226.9	1258.1
7.5°	1039.7	1034.6	1029.4	1019.0	1029.4	1034.6	1039.7	1047.6	1060.6	1081.4	1104.8
10°	1012.5	1013.8	1021.6	1020.3	1021.6	1013.8	1012.5	1009.9	1006.0	1009.9	1024.1
12.5°	1082.7	1094.4	1137.2	1134.7	1137.2	1094.4	1082.7	1030.7	995.6	989.1	991.7
15°	1163.3	1167.2	1176.3	1177.5	1176.3	1167.2	1163.3	1142.5	1037.2	991.7	977.4
17.5°	1171.0	1172.4	1178.9	1178.9	1178.9	1172.4	1171.0	1161.9	1126.9	1065.8	985.2
20°	1164.5	1167.2	1180.1	1182.8	1180.1	1167.2	1164.5	1152.8	1133.3	1111.2	1050.2
22.5°	1161.9	1167.2	1177.5	1176.3	1177.5	1167.2	1161.9	1143.7	1126.9	1111.2	1086.5
25°	1148.9	1148.9	1150.3	1151.6	1150.3	1148.9	1148.9	1134.7	1100.9	1097.0	1082.7
27.5°	1121.6	1124.2	1132.1	1130.7	1132.1	1124.2	1121.6	1116.5	1080.0	1076.2	1065.8
30°	1097.0	1094.4	1087.9	1082.7	1087.9	1094.4	1097.0	1089.2	1052.8	1042.4	1045.0
32.5°	1055.3	1048.8	1042.4	1038.5	1042.4	1048.8	1055.3	1052.8	1025.5	1011.2	1013.8
35°	1006.0	1007.3	1006.0	1002.0	1006.0	1007.3	1006.0	1008.6	991.7	978.7	977.4
37.5°	970.9	973.5	972.2	967.0	972.2	973.5	970.9	968.3	944.9	941.0	943.6
40°	934.5	935.8	934.5	930.6	934.5	935.8	934.5	929.3	896.8	898.1	907.2
42.5°	899.4	898.1	894.2	891.6	894.2	898.1	899.4	891.6	850.0	846.1	863.0
45°	859.1	860.4	852.6	848.7	852.6	860.4	859.1	853.9	811.1	800.6	812.3
47.5°	818.8	818.8	812.3	808.4	812.3	818.8	818.8	812.3	766.9	756.4	762.9
50°	776.0	774.6	765.5	764.3	765.5	774.6	776.0	772.0	723.9	714.8	714.8
52.5°	726.6	726.6	727.8	730.4	727.8	726.6	726.6	727.8	685.0	675.9	673.3
55°	683.6	685.0	694.1	696.6	694.1	685.0	683.6	683.6	644.7	635.6	630.3
57.5°	639.4	639.4	645.9	645.9	645.9	639.4	639.4	636.8	599.1	591.4	588.8
60°	588.8	591.4	596.6	595.3	596.6	591.4	588.8	586.1	553.7	548.5	539.3
62.5°	535.5	538.1	539.3	536.8	539.3	538.1	535.5	527.7	508.2	504.3	492.6
65°	479.6	482.2	483.5	480.9	483.5	482.2	479.6	475.7	461.4	454.9	444.5
67.5°	422.4	421.1	419.8	425.0	419.8	421.1	422.4	417.3	408.1	402.9	388.7
70°	364.0	364.0	362.6	365.2	362.6	364.0	364.0	360.0	354.8	351.0	337.9
72.5°	301.6	300.2	305.4	301.6	305.4	300.2	301.6	300.2	297.7	293.7	280.7
75°	240.4	243.0	240.4	244.4	240.4	243.0	240.4	241.8	240.4	237.9	228.8
77.5°	183.2	185.9	183.2	183.2	183.2	185.9	183.2	184.6	184.6	184.6	176.7
80°	129.9	128.7	128.7	127.3	128.7	128.7	129.9	129.9	131.3	128.7	126.1
82.5°	83.1	81.9	81.9	84.5	81.9	81.9	83.1	84.5	81.9	81.9	81.9
85°	45.4	46.8	44.2	44.2	44.2	46.8	45.4	42.9	45.4	45.4	44.2
87.5°	16.9	15.6	15.6	15.6	15.6	15.6	16.9	18.2	18.2	18.2	19.5
90°	38.1	38.1	38.1	38.1	38.1	38.1	38.1	50.8	67.7	76.3	65.6
92.5°	190.6	183.0	152.7	122.4	152.7	183.0	190.6	270.3	376.4	429.5	377.0
95°	647.2	624.2	532.4	440.5	532.4	624.2	647.2	849.9	1120.2	1255.2	1060.2
97.5°	1494.1	1450.4	1275.6	1100.8	1275.6	1450.4	1494.1	1622.2	1793.0	1878.4	1553.1
100°	2098.2	2046.1	1837.8	1629.6	1837.8	2046.1	2098.2	2088.8	2076.3	2070.1	1709.0
102.5°	2613.9	2569.3	2390.9	2212.5	2390.9	2569.3	2613.9	2450.7	2233.1	2124.2	1758.2
105°	3215.9	3192.0	3096.1	3000.2	3096.1	3192.0	3215.9	2850.0	2362.1	2118.2	1763.7
107.5°	3529.0	3534.8	3558.0	3581.1	3558.0	3534.8	3529.0	3018.6	2338.1	1997.8	1685.2
110°	3609.2	3634.2	3734.1	3834.0	3734.1	3634.2	3609.2	3038.7	2277.9	1897.5	1615.6



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3558.1	3596.4	3749.8	3903.2	3749.8	3596.4	3558.1	2974.1	2195.5	1806.1	1554.9
115°	3384.5	3437.7	3650.4	3863.1	3650.4	3437.7	3384.5	2821.9	2071.8	1696.8	1485.2
117.5°	3144.7	3203.7	3439.6	3675.5	3439.6	3203.7	3144.7	2636.9	1960.0	1621.5	1441.6
120°	2983.2	3040.4	3269.7	3498.9	3269.7	3040.4	2983.2	2519.2	1900.7	1591.4	1426.9
122.5°	2821.6	2878.1	3104.3	3330.4	3104.3	2878.1	2821.6	2403.9	1846.8	1568.3	1419.1
125°	2607.9	2659.9	2868.2	3076.5	2868.2	2659.9	2607.9	2253.0	1779.9	1543.2	1412.8
127.5°	2436.3	2480.2	2655.9	2831.6	2655.9	2480.2	2436.3	2131.6	1725.3	1522.2	1409.1
130°	2327.9	2368.5	2530.8	2693.1	2530.8	2368.5	2327.9	2056.7	1695.0	1514.2	1411.3
132.5°	2235.6	2271.9	2417.4	2562.7	2417.4	2271.9	2235.6	1992.7	1669.0	1507.1	1412.8
135°	2105.2	2136.5	2261.8	2387.1	2261.8	2136.5	2105.2	1901.8	1630.6	1495.1	1411.4
137.5°	2008.8	2034.5	2137.0	2239.6	2137.0	2034.5	2008.8	1836.9	1607.7	1493.0	1420.2
140°	1931.6	1955.5	2051.5	2147.3	2051.5	1955.5	1931.6	1783.1	1585.1	1486.1	1421.6
142.5°	1877.3	1898.0	1980.4	2063.0	1980.4	1898.0	1877.3	1746.9	1573.0	1486.1	1426.8
145°	1796.1	1811.7	1874.1	1936.5	1874.1	1811.7	1796.1	1689.5	1547.1	1476.0	1426.8
147.5°	1727.9	1740.8	1792.6	1844.3	1792.6	1740.8	1727.9	1643.9	1532.0	1476.0	1436.5
150°	1688.8	1699.2	1741.2	1783.1	1741.2	1699.2	1688.8	1617.8	1523.3	1476.0	1441.7
152.5°	1657.7	1665.6	1697.2	1728.9	1697.2	1665.6	1657.7	1597.1	1516.4	1476.0	1445.0
155°	1620.6	1625.8	1646.7	1667.6	1646.7	1625.8	1620.6	1572.4	1508.2	1476.0	1452.3
157.5°	1588.4	1592.1	1606.8	1621.5	1606.8	1592.1	1588.4	1550.9	1501.0	1476.0	1459.7
160°	1572.3	1574.4	1582.9	1591.4	1582.9	1574.4	1572.3	1540.2	1497.4	1476.0	1463.1
162.5°	1557.3	1559.3	1567.4	1575.4	1567.4	1559.3	1557.3	1530.1	1494.0	1476.0	1466.6
165°	1534.2	1536.3	1544.8	1553.3	1544.8	1536.3	1534.2	1514.8	1489.0	1476.0	1471.7
167.5°	1524.1	1525.0	1528.6	1532.2	1528.6	1525.0	1524.1	1511.4	1494.5	1486.1	1482.5
170°	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1524.1	1511.4	1494.5	1486.1	1485.9
172.5°	1516.2	1515.4	1512.2	1509.1	1512.2	1515.4	1516.2	1506.1	1492.7	1486.1	1486.1
175°	1505.1	1505.1	1505.1	1505.1	1505.1	1505.1	1505.1	1498.8	1490.3	1486.1	1488.1
177.5°	1503.1	1502.2	1498.7	1495.1	1498.7	1502.2	1503.1	1498.1	1491.4	1488.1	1489.6
180°	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1	1495.1



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1373.8	1373.8	1373.8	1373.8	1373.8
2.5°	1356.9	1363.4	1367.4	1372.5	1385.5
5°	1305.0	1329.7	1337.4	1356.9	1380.3
7.5°	1190.5	1265.9	1286.7	1333.5	1369.9
10°	1080.0	1155.4	1191.9	1302.3	1356.9
12.5°	1024.1	1068.4	1093.0	1247.8	1338.7
15°	989.1	1020.3	1038.5	1174.9	1317.9
17.5°	961.8	983.9	996.9	1103.5	1289.4
20°	944.9	955.3	967.0	1051.5	1256.8
22.5°	933.2	926.8	935.8	1015.1	1212.6
25°	925.4	900.7	911.2	986.5	1160.7
27.5°	931.9	877.3	881.2	960.5	1106.1
30°	933.2	848.7	850.0	933.2	1045.0
32.5°	924.1	818.8	820.2	899.4	976.1
35°	902.0	783.7	782.5	860.4	882.5
37.5°	872.1	746.0	746.0	817.5	779.9
40°	835.8	708.3	712.2	761.6	688.9
42.5°	791.6	668.0	673.3	687.6	621.2
45°	743.4	629.1	633.0	581.0	569.3
47.5°	690.1	588.8	590.1	482.2	552.4
50°	626.5	547.2	542.0	413.3	551.1
52.5°	570.5	501.7	486.1	374.3	500.4
55°	516.0	453.6	419.8	344.4	464.0
57.5°	467.9	391.2	358.7	309.3	456.2
60°	423.7	330.1	305.4	271.6	418.5
62.5°	387.3	284.6	279.5	245.6	379.6
65°	348.4	253.5	252.1	223.5	322.3
67.5°	310.7	232.7	231.4	202.7	245.6
70°	270.4	210.6	207.9	180.6	182.0
72.5°	228.8	185.9	183.2	162.5	150.8
75°	187.1	157.3	156.0	141.7	122.2
77.5°	146.9	124.8	127.3	114.3	89.7
80°	105.2	91.0	93.6	81.9	67.5
82.5°	70.2	59.8	62.4	52.0	45.4
85°	39.0	33.8	35.1	27.3	20.8
87.5°	18.2	15.6	15.6	10.4	6.5
90°	44.2	28.1	26.1	18.1	10.1
92.5°	272.3	193.7	176.6	108.3	40.1
95°	670.0	377.3	346.1	221.2	96.3
97.5°	902.4	414.4	386.9	276.7	166.6
100°	987.0	445.5	420.5	320.6	220.7
102.5°	1025.9	476.7	453.3	360.1	266.9
105°	1054.6	522.8	503.0	424.1	345.2
107.5°	1059.9	591.0	572.6	499.0	425.5
110°	1051.9	629.2	612.6	546.1	479.7



TEST NUMBER: P935500

CATALOG NUMBER: SQ4-FA-125U-050D-B35-1D-UNV-STD-W-8

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	1052.2	675.3	659.5	596.1	532.9
115°	1061.9	744.5	729.9	671.5	613.1
117.5°	1081.7	811.7	798.5	745.5	692.4
120°	1097.7	850.9	838.4	788.5	738.5
122.5°	1120.7	897.0	884.4	834.0	783.6
125°	1151.9	956.2	944.8	898.8	852.9
127.5°	1183.1	1013.5	1001.8	955.5	909.1
130°	1205.7	1051.6	1039.1	989.2	939.2
132.5°	1224.1	1082.7	1070.2	1020.3	970.3
135°	1244.2	1118.8	1107.5	1061.9	1016.5
137.5°	1274.3	1164.9	1153.7	1108.6	1063.6
140°	1292.7	1196.0	1185.7	1144.2	1102.7
142.5°	1308.1	1219.1	1209.5	1171.2	1132.9
145°	1328.2	1254.3	1245.9	1212.4	1179.0
147.5°	1357.7	1298.5	1290.3	1257.8	1225.2
150°	1373.0	1321.5	1314.2	1284.7	1255.2
152.5°	1383.1	1336.5	1330.9	1308.6	1286.3
155°	1405.1	1369.7	1365.5	1349.0	1332.6
157.5°	1427.1	1402.7	1398.8	1382.7	1366.7
160°	1437.2	1417.8	1414.7	1402.2	1389.7
162.5°	1447.9	1433.8	1431.5	1422.1	1412.8
165°	1463.3	1457.0	1454.9	1446.4	1437.9
167.5°	1475.3	1470.0	1469.0	1464.9	1461.0
170°	1485.4	1485.1	1484.1	1480.1	1476.0
172.5°	1486.1	1486.1	1485.9	1484.9	1484.0
175°	1492.1	1495.1	1495.1	1495.1	1495.1
177.5°	1492.7	1495.1	1495.1	1495.1	1495.1
180°	1495.1	1495.1	1495.1	1495.1	1495.1



TEST NUMBER: P935500  
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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	8.59	9.27	9.72	10.40	11.96	11.43	12.11	12.56	13.24	14.80
	3H	9.05	9.66	10.19	10.80	12.38	12.76	13.37	13.90	14.51	16.09
	4H	9.23	9.82	10.38	10.95	12.54	13.20	13.78	14.35	14.91	16.50
	6H	9.34	9.88	10.50	11.01	12.61	13.47	14.01	14.63	15.15	16.74
	8H	9.34	9.85	10.50	11.00	12.59	13.54	14.05	14.71	15.21	16.80
	12H	9.30	9.79	10.47	10.93	12.55	13.58	14.06	14.74	15.21	16.82
4H	2H	9.60	10.18	10.76	11.32	12.90	11.81	12.40	12.97	13.53	15.12
	3H	10.61	11.10	11.77	12.25	13.85	13.30	13.79	14.47	14.95	16.55
	4H	10.88	11.33	12.04	12.47	14.09	13.83	14.27	14.99	15.42	17.04
	6H	10.99	11.38	12.16	12.55	14.15	14.18	14.57	15.35	15.74	17.34
	8H	10.99	11.35	12.16	12.51	14.14	14.29	14.64	15.46	15.80	17.43
	12H	10.95	11.28	12.14	12.45	14.08	14.34	14.66	15.52	15.83	17.46
8H	4H	11.32	11.68	12.49	12.84	14.46	13.94	14.29	15.11	15.45	17.08
	6H	11.57	11.87	12.76	13.07	14.69	14.37	14.66	15.56	15.87	17.49
	8H	11.61	11.87	12.81	13.05	14.70	14.52	14.77	15.71	15.96	17.60
	12H	11.59	11.82	12.79	12.99	14.67	14.61	14.84	15.81	16.01	17.69
12H	4H	11.32	11.64	12.50	12.81	14.44	13.89	14.22	15.08	15.39	17.02
	6H	11.63	11.89	12.83	13.07	14.71	14.36	14.62	15.56	15.80	17.44
	8H	11.69	11.92	12.89	13.10	14.77	14.52	14.74	15.71	15.92	17.60