

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: P935623

Luminaire Tested: SQ4-FA-125U-100D-927-1D-UNV-STD-W-6

Issue Date: 12/17/2024

**Test Information**

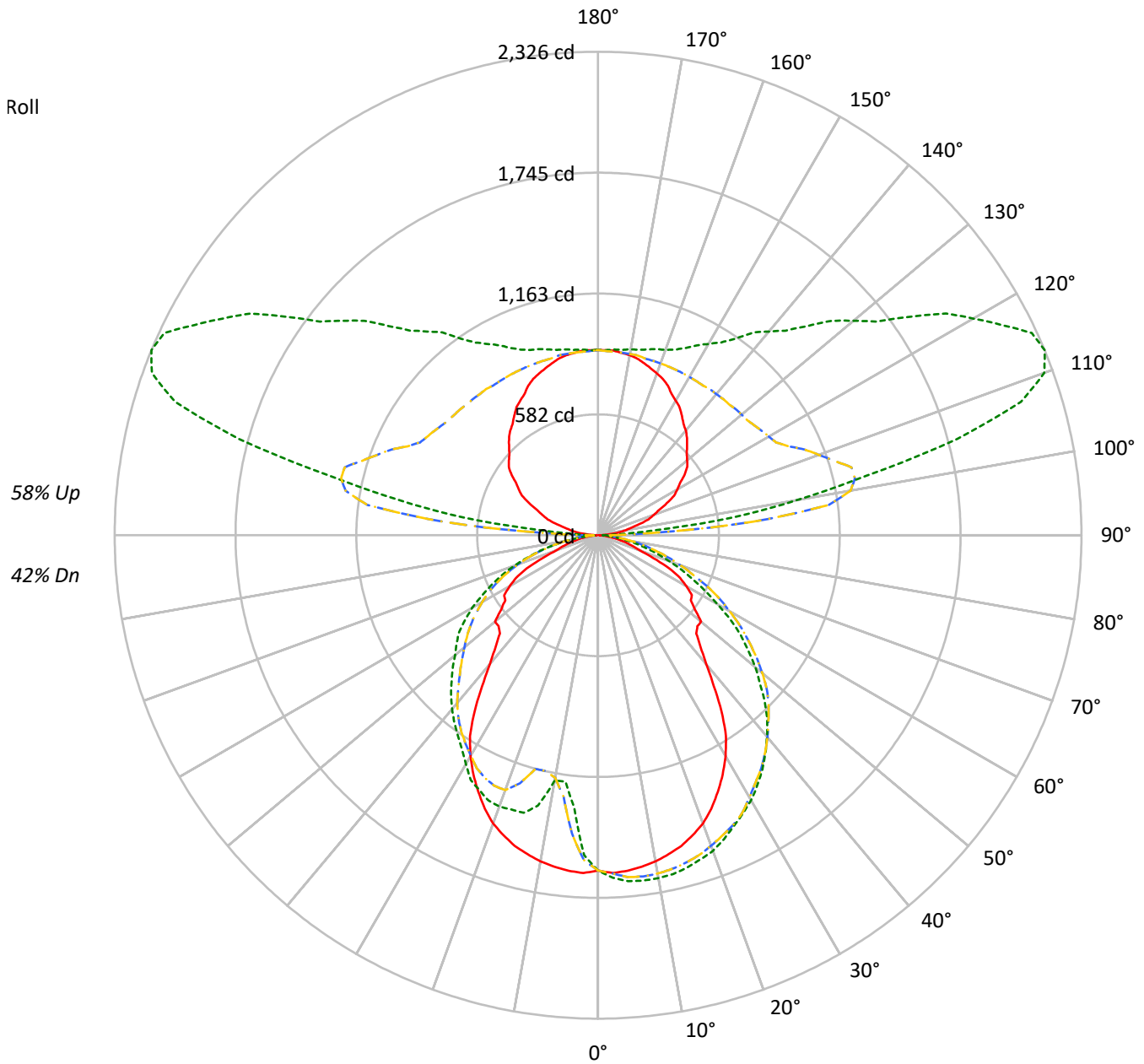
Test Method: LM-79-2019  
Report Number: P935623  
REPORT IS A COMBINATION OF REPORTS P933763 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-100D-927-1D-UNV-STD-W-6  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9961.5 lumens  
Efficiency: N/A  
Efficacy: 103.1 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: General Diffuse  
  
Input Watts (W): 96.6  
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	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49	49	49	49	42
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	41	41	41	35
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	35	35	35	30
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	30	30	30	25
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	25	25	25	22
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	22	22	22	19
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	19	19	19	16
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	17	17	17	15
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	15	15	15	13
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	14	14	14	12
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	13	13	13	11

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

	0°	90°	180°	270°
0°	9977	9977	9977	9977
5°	10048	10071	10048	7920
10°	9978	9921	9978	7093
15°	9865	9706	9865	8105
20°	9656	9452	9656	8121
25°	9229	9080	9229	7950
30°	8680	8772	8680	7572
35°	7734	8381	7734	7157
40°	6441	7923	6441	6843
45°	5752	7386	5752	6482
50°	6105	6745	6105	6120
55°	5739	6054	5739	5911
60°	5908	5141	5908	5414
65°	5349	4250	5349	4751
70°	3694	3387	3694	3982
75°	3229	2503	3229	2999
80°	2581	1656	2581	1802
85°	1455	878	1455	745

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 8820 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	145.6	1.5
10°-20°	413.4	4.1
20°-30°	639.0	6.4
30°-40°	762.8	7.7
40°-50°	767.3	7.7
50°-60°	667.6	6.7
60°-70°	473.4	4.8
70°-80°	250.4	2.5
80°-90°	65.8	0.7
90°-100°	434.3	4.4
100°-110°	1141.9	11.5
110°-120°	1184.0	11.9
120°-130°	949.7	9.5
130°-140°	745.2	7.5
140°-150°	572.0	5.7
150°-160°	411.9	4.1
160°-170°	252.0	2.5
170°-180°	85.1	0.9
0°-30°	1198.0	12.0
0°-40°	1960.8	19.7
0°-60°	3395.7	34.1
0°-90°	4185.3	42.0
90°-120°	2760.2	27.7
90°-150°	5027.1	50.5
90°-180°	5776.0	58.0
0°-180°	9961.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1613	1613	1613	1613	1613	
5°	1620	1671	1620	1314	1620	154
15°	1547	1656	1547	1382	1547	435
25°	1363	1544	1363	1352	1363	626
35°	1036	1378	1036	1176	1036	641
45°	668	1135	668	996	668	535
55°	545	838	545	818	545	501
65°	378	505	378	565	378	362
75°	144	240	144	287	144	151
85°	24	61	24	52	24	33
90°	6	23	6	23	6	6
95°	57	262	57	262	57	64
105°	206	1788	206	1788	206	218
115°	365	2302	365	2302	365	361
125°	508	1834	508	1834	508	451
135°	606	1423	606	1423	606	469
145°	703	1154	703	1154	703	440
155°	794	994	794	994	794	365
165°	857	926	857	926	857	242
175°	891	897	891	897	891	85
180°	891	891	891	891	891	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8
2.5°	1626.6	1626.6	1635.8	1638.8	1638.8	1634.2	1629.6	1634.2	1648.0	1652.6	1651.0
5°	1620.5	1632.7	1649.5	1652.6	1655.6	1654.0	1651.0	1654.0	1669.3	1672.4	1673.9
7.5°	1608.3	1631.2	1652.6	1657.1	1661.7	1657.1	1655.6	1658.7	1673.9	1677.0	1677.0
10°	1593.1	1625.1	1649.5	1652.6	1657.1	1652.6	1652.6	1658.7	1673.9	1677.0	1678.4
12.5°	1571.6	1615.9	1638.8	1641.9	1648.0	1646.4	1644.9	1651.0	1666.3	1669.3	1669.3
15°	1547.2	1599.1	1620.5	1623.5	1634.2	1631.2	1631.2	1637.3	1654.0	1658.7	1657.1
17.5°	1513.7	1577.7	1602.2	1606.8	1614.4	1612.8	1614.4	1620.5	1635.8	1638.8	1640.3
20°	1475.6	1548.8	1577.7	1582.4	1590.0	1590.0	1590.0	1597.6	1612.8	1619.0	1619.0
22.5°	1423.7	1518.3	1548.8	1551.9	1561.0	1561.0	1564.0	1574.7	1588.4	1590.0	1590.0
25°	1362.6	1484.7	1510.7	1519.7	1528.9	1533.5	1538.1	1544.2	1548.8	1547.2	1548.8
27.5°	1298.5	1442.0	1475.6	1481.6	1493.9	1498.4	1504.5	1506.0	1507.6	1512.1	1509.1
30°	1226.8	1382.5	1432.8	1438.9	1458.8	1461.8	1455.7	1458.8	1466.4	1469.5	1472.5
32.5°	1145.9	1294.0	1388.5	1402.3	1420.6	1411.4	1409.9	1414.5	1426.7	1426.7	1429.7
35°	1036.1	1225.3	1347.3	1359.6	1373.3	1362.6	1368.8	1370.2	1377.8	1382.5	1380.9
37.5°	915.5	1165.8	1304.6	1313.8	1324.5	1310.8	1319.9	1324.5	1330.6	1327.6	1327.6
40°	808.7	1072.7	1254.3	1260.4	1269.6	1258.9	1268.0	1271.0	1274.1	1271.0	1269.6
42.5°	729.3	970.4	1200.9	1208.5	1202.4	1210.1	1213.1	1219.2	1214.6	1208.5	1208.5
45°	668.4	943.0	1142.9	1152.1	1142.9	1155.1	1159.7	1159.7	1145.9	1142.9	1141.4
47.5°	648.5	888.0	1084.9	1084.9	1080.3	1095.6	1103.2	1092.6	1078.8	1074.2	1074.2
50°	647.0	827.1	1005.5	999.5	1020.8	1039.1	1031.5	1020.8	1010.2	993.4	993.4
52.5°	587.4	752.3	903.3	926.2	959.8	970.4	958.3	947.6	929.2	921.6	915.5
55°	544.8	674.4	810.3	856.0	891.1	904.8	882.0	871.3	843.8	839.2	836.2
57.5°	535.6	561.6	724.8	782.8	825.5	824.0	810.3	790.4	767.5	762.9	761.5
60°	491.3	405.9	633.2	701.9	746.1	741.6	729.3	711.1	689.7	686.7	683.6
62.5°	445.5	294.5	529.5	607.3	669.9	668.4	657.7	630.2	614.9	607.3	601.2
65°	378.5	247.2	376.9	505.0	595.1	598.1	575.3	555.4	538.6	529.5	528.0
67.5°	288.4	201.4	254.8	421.1	523.4	520.4	491.3	482.2	460.8	456.2	447.1
70°	213.6	134.3	177.0	341.8	453.2	445.5	422.7	412.0	392.2	381.5	375.4
72.5°	177.0	108.3	129.7	265.5	381.5	372.3	352.5	340.3	323.5	314.3	308.2
75°	143.5	114.4	99.2	196.8	309.8	303.7	285.4	273.1	259.4	247.2	248.7
77.5°	105.3	106.8	79.3	145.0	245.6	236.5	225.8	210.6	204.4	192.3	192.3
80°	79.3	83.9	59.5	99.2	177.0	177.0	167.9	157.2	146.5	140.4	140.4
82.5°	53.4	53.4	44.3	62.5	120.6	116.0	109.9	106.8	100.7	97.6	97.6
85°	24.4	30.5	27.5	38.1	65.6	68.7	68.7	65.6	64.1	61.1	62.5
87.5°	7.6	13.7	16.8	21.3	33.6	35.1	36.7	36.7	36.7	38.1	38.1
90°	6.0	10.8	15.6	16.7	26.3	39.0	45.4	40.3	30.3	22.7	22.7
92.5°	23.9	64.6	105.3	115.4	162.2	224.7	255.9	224.3	161.1	113.7	109.1
95°	57.4	131.8	206.2	224.8	399.2	631.9	748.1	667.6	506.5	385.7	372.0
97.5°	99.3	164.9	230.5	246.9	537.8	925.6	1119.5	1068.6	966.8	890.4	864.4
100°	131.6	191.1	250.6	265.5	588.2	1018.6	1233.7	1237.4	1244.9	1250.4	1219.4
102.5°	159.1	214.6	270.2	284.1	611.4	1047.7	1266.0	1330.8	1460.5	1557.8	1531.2
105°	205.7	252.8	299.8	311.5	628.5	1051.1	1262.4	1407.8	1698.5	1916.6	1902.3
107.5°	253.6	297.4	341.3	352.2	631.7	1004.3	1190.7	1393.5	1799.0	2103.2	2106.6
110°	285.8	325.4	365.0	374.9	626.9	962.8	1130.8	1357.5	1811.0	2151.1	2165.9



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	317.5	355.3	393.0	402.5	627.1	926.6	1076.4	1308.4	1772.5	2120.5	2143.4
115°	365.4	400.2	435.0	443.8	632.9	885.1	1011.2	1234.8	1681.8	2017.1	2048.8
117.5°	412.6	444.3	475.9	483.8	644.6	859.1	966.4	1168.1	1571.6	1874.2	1909.3
120°	440.1	469.9	499.7	507.1	654.2	850.3	948.4	1132.7	1501.3	1777.9	1812.0
122.5°	467.1	497.1	527.1	534.6	668.0	845.8	934.7	1100.7	1432.7	1681.6	1715.3
125°	508.3	535.7	563.0	569.9	686.5	842.0	919.8	1060.8	1342.7	1554.2	1585.3
127.5°	541.8	569.4	597.1	604.0	705.1	839.8	907.2	1028.3	1270.4	1452.0	1478.2
130°	559.7	589.5	619.2	626.7	718.6	841.1	902.4	1010.2	1225.7	1387.4	1411.6
132.5°	578.3	608.1	637.8	645.3	729.6	842.0	898.2	994.7	1187.6	1332.3	1354.0
135°	605.8	632.9	660.0	666.7	741.5	841.2	891.0	971.8	1133.4	1254.6	1273.3
137.5°	633.9	660.7	687.6	694.3	759.5	846.4	889.8	958.1	1094.7	1197.2	1212.4
140°	657.2	681.9	706.6	712.8	770.4	847.2	885.7	944.6	1062.7	1151.2	1165.5
142.5°	675.1	698.0	720.9	726.6	779.6	850.3	885.7	937.5	1041.1	1118.9	1131.2
145°	702.6	722.6	742.5	747.5	791.6	850.3	879.6	922.1	1006.9	1070.5	1079.8
147.5°	730.2	749.6	769.0	773.8	809.1	856.2	879.6	913.0	979.7	1029.8	1037.5
150°	748.1	765.7	783.2	787.6	818.3	859.2	879.6	907.8	964.2	1006.5	1012.7
152.5°	766.6	779.9	793.3	796.6	824.3	861.2	879.6	903.7	951.8	987.9	992.6
155°	794.2	804.0	813.8	816.3	837.4	865.6	879.6	898.8	937.1	965.8	969.0
157.5°	814.5	824.1	833.6	836.0	850.5	869.9	879.6	894.5	924.3	946.6	948.8
160°	828.2	835.7	843.2	845.0	856.5	871.9	879.6	892.4	917.9	937.1	938.3
162.5°	842.0	847.5	853.2	854.5	862.9	874.1	879.6	890.4	911.9	928.1	929.3
165°	856.9	862.0	867.1	868.3	872.1	877.1	879.6	887.3	902.8	914.4	915.6
167.5°	870.7	873.1	875.5	876.1	879.3	883.5	885.7	890.7	900.8	908.4	908.9
170°	879.6	882.0	884.4	885.0	885.3	885.5	885.7	890.7	900.8	908.4	908.4
172.5°	884.4	885.0	885.5	885.7	885.7	885.7	885.7	889.7	897.6	903.6	903.1
175°	891.0	891.0	891.0	891.0	889.3	886.9	885.7	888.2	893.3	897.0	897.0
177.5°	891.0	891.0	891.0	891.0	889.7	887.7	886.8	888.8	892.8	895.8	895.3
180°	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8
2.5°	1654.0	1649.5	1654.0	1651.0	1652.6	1648.0	1634.2	1629.6	1634.2	1638.8	1638.8
5°	1673.9	1670.8	1673.9	1673.9	1672.4	1669.3	1654.0	1651.0	1654.0	1655.6	1652.6
7.5°	1680.0	1675.4	1680.0	1677.0	1677.0	1673.9	1658.7	1655.6	1657.1	1661.7	1657.1
10°	1680.0	1675.4	1680.0	1678.4	1677.0	1673.9	1658.7	1652.6	1652.6	1657.1	1652.6
12.5°	1672.4	1669.3	1672.4	1669.3	1669.3	1666.3	1651.0	1644.9	1646.4	1648.0	1641.9
15°	1660.2	1655.6	1660.2	1657.1	1658.7	1654.0	1637.3	1631.2	1631.2	1634.2	1623.5
17.5°	1641.9	1635.8	1641.9	1640.3	1638.8	1635.8	1620.5	1614.4	1612.8	1614.4	1606.8
20°	1620.5	1615.9	1620.5	1619.0	1619.0	1612.8	1597.6	1590.0	1590.0	1590.0	1582.4
22.5°	1586.9	1582.4	1586.9	1590.0	1590.0	1588.4	1574.7	1564.0	1561.0	1561.0	1551.9
25°	1548.8	1544.2	1548.8	1548.8	1547.2	1548.8	1544.2	1538.1	1533.5	1528.9	1519.7
27.5°	1512.1	1509.1	1512.1	1509.1	1512.1	1507.6	1506.0	1504.5	1498.4	1493.9	1481.6
30°	1475.6	1472.5	1475.6	1472.5	1469.5	1466.4	1458.8	1455.7	1461.8	1458.8	1438.9
32.5°	1429.7	1426.7	1429.7	1429.7	1426.7	1426.7	1414.5	1409.9	1411.4	1420.6	1402.3
35°	1382.5	1377.8	1382.5	1380.9	1382.5	1377.8	1370.2	1368.8	1362.6	1373.3	1359.6
37.5°	1327.6	1322.9	1327.6	1327.6	1327.6	1330.6	1324.5	1319.9	1310.8	1324.5	1313.8
40°	1271.0	1265.0	1271.0	1269.6	1271.0	1274.1	1271.0	1268.0	1258.9	1269.6	1260.4
42.5°	1207.0	1205.4	1207.0	1208.5	1208.5	1214.6	1219.2	1213.1	1210.1	1202.4	1208.5
45°	1138.3	1135.3	1138.3	1141.4	1142.9	1145.9	1159.7	1159.7	1155.1	1142.9	1152.1
47.5°	1065.1	1057.4	1065.1	1074.2	1074.2	1078.8	1092.6	1103.2	1095.6	1080.3	1084.9
50°	987.2	988.8	987.2	993.4	993.4	1010.2	1020.8	1031.5	1039.1	1020.8	999.5
52.5°	911.0	909.4	911.0	915.5	921.6	929.2	947.6	958.3	970.4	959.8	926.2
55°	834.7	837.7	834.7	836.2	839.2	843.8	871.3	882.0	904.8	891.1	856.0
57.5°	758.4	753.8	758.4	761.5	762.9	767.5	790.4	810.3	824.0	825.5	782.8
60°	669.9	663.7	669.9	683.6	686.7	689.7	711.1	729.3	741.6	746.1	701.9
62.5°	592.1	581.4	592.1	601.2	607.3	614.9	630.2	657.7	668.4	669.9	607.3
65°	509.7	505.0	509.7	528.0	529.5	538.6	555.4	575.3	598.1	595.1	505.0
67.5°	434.9	434.9	434.9	447.1	456.2	460.8	482.2	491.3	520.4	523.4	421.1
70°	366.2	364.7	366.2	375.4	381.5	392.2	412.0	422.7	445.5	453.2	341.8
72.5°	300.6	299.1	300.6	308.2	314.3	323.5	340.3	352.5	372.3	381.5	265.5
75°	242.6	239.5	242.6	248.7	247.2	259.4	273.1	285.4	303.7	309.8	196.8
77.5°	186.2	186.2	186.2	192.3	192.3	204.4	210.6	225.8	236.5	245.6	145.0
80°	138.8	137.4	138.8	140.4	140.4	146.5	157.2	167.9	177.0	177.0	99.2
82.5°	97.6	94.6	97.6	97.6	97.6	100.7	106.8	109.9	116.0	120.6	62.5
85°	61.1	61.1	61.1	62.5	61.1	64.1	65.6	68.7	68.7	65.6	38.1
87.5°	39.7	38.1	39.7	38.1	38.1	36.7	36.7	36.7	35.1	33.6	21.3
90°	22.7	22.7	22.7	22.7	22.7	30.3	40.3	45.4	39.0	26.3	16.7
92.5°	91.0	72.9	91.0	109.1	113.7	161.1	224.3	255.9	224.7	162.2	115.4
95°	317.2	262.5	317.2	372.0	385.7	506.5	667.6	748.1	631.9	399.2	224.8
97.5°	760.2	656.0	760.2	864.4	890.4	966.8	1068.6	1119.5	925.6	537.8	246.9
100°	1095.3	971.2	1095.3	1219.4	1250.4	1244.9	1237.4	1233.7	1018.6	588.2	265.5
102.5°	1424.9	1318.6	1424.9	1531.2	1557.8	1460.5	1330.8	1266.0	1047.7	611.4	284.1
105°	1845.2	1788.0	1845.2	1902.3	1916.6	1698.5	1407.8	1262.4	1051.1	628.5	311.5
107.5°	2120.4	2134.3	2120.4	2106.6	2103.2	1799.0	1393.5	1190.7	1004.3	631.7	352.2
110°	2225.5	2285.0	2225.5	2165.9	2151.1	1811.0	1357.5	1130.8	962.8	626.9	374.9





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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2234.8	2326.2	2234.8	2143.4	2120.5	1772.5	1308.4	1076.4	926.6	627.1	402.5
115°	2175.6	2302.3	2175.6	2048.8	2017.1	1681.8	1234.8	1011.2	885.1	632.9	443.8
117.5°	2049.9	2190.5	2049.9	1909.3	1874.2	1571.6	1168.1	966.4	859.1	644.6	483.8
120°	1948.6	2085.2	1948.6	1812.0	1777.9	1501.3	1132.7	948.4	850.3	654.2	507.1
122.5°	1850.0	1984.8	1850.0	1715.3	1681.6	1432.7	1100.7	934.7	845.8	668.0	534.6
125°	1709.4	1833.5	1709.4	1585.3	1554.2	1342.7	1060.8	919.8	842.0	686.5	569.9
127.5°	1582.9	1687.6	1582.9	1478.2	1452.0	1270.4	1028.3	907.2	839.8	705.1	604.0
130°	1508.4	1605.1	1508.4	1411.6	1387.4	1225.7	1010.2	902.4	841.1	718.6	626.7
132.5°	1440.7	1527.3	1440.7	1354.0	1332.3	1187.6	994.7	898.2	842.0	729.6	645.3
135°	1348.0	1422.7	1348.0	1273.3	1254.6	1133.4	971.8	891.0	841.2	741.5	666.7
137.5°	1273.6	1334.7	1273.6	1212.4	1197.2	1094.7	958.1	889.8	846.4	759.5	694.3
140°	1222.6	1279.7	1222.6	1165.5	1151.2	1062.7	944.6	885.7	847.2	770.4	712.8
142.5°	1180.3	1229.5	1180.3	1131.2	1118.9	1041.1	937.5	885.7	850.3	779.6	726.6
145°	1117.0	1154.2	1117.0	1079.8	1070.5	1006.9	922.1	879.6	850.3	791.6	747.5
147.5°	1068.4	1099.2	1068.4	1037.5	1029.8	979.7	913.0	879.6	856.2	809.1	773.8
150°	1037.7	1062.7	1037.7	1012.7	1006.5	964.2	907.8	879.6	859.2	818.3	787.6
152.5°	1011.5	1030.3	1011.5	992.6	987.9	951.8	903.7	879.6	861.2	824.3	796.6
155°	981.4	993.9	981.4	969.0	965.8	937.1	898.8	879.6	865.6	837.4	816.3
157.5°	957.6	966.4	957.6	948.8	946.6	924.3	894.5	879.6	869.9	850.5	836.0
160°	943.4	948.4	943.4	938.3	937.1	917.9	892.4	879.6	871.9	856.5	845.0
162.5°	934.1	938.9	934.1	929.3	928.1	911.9	890.4	879.6	874.1	862.9	854.5
165°	920.7	925.7	920.7	915.6	914.4	902.8	887.3	879.6	877.1	872.1	868.3
167.5°	911.0	913.1	911.0	908.9	908.4	900.8	890.7	885.7	883.5	879.3	876.1
170°	908.4	908.4	908.4	908.4	908.4	900.8	890.7	885.7	885.5	885.3	885.0
172.5°	901.3	899.4	901.3	903.1	903.6	897.6	889.7	885.7	885.7	885.7	885.7
175°	897.0	897.0	897.0	897.0	897.0	893.3	888.2	885.7	886.9	889.3	891.0
177.5°	893.2	891.0	893.2	895.3	895.8	892.8	888.8	886.8	887.7	889.7	891.0
180°	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0



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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8
2.5°	1635.8	1626.6	1626.6	1611.3	1605.2	1600.7	1593.1	1570.1	1564.0	1557.9	1567.1
5°	1649.5	1632.7	1620.5	1593.1	1570.1	1561.0	1532.0	1477.1	1440.4	1413.0	1397.7
7.5°	1652.6	1631.2	1608.3	1565.6	1510.7	1486.2	1397.7	1297.0	1269.6	1245.1	1229.8
10°	1649.5	1625.1	1593.1	1528.9	1399.2	1356.5	1268.0	1202.4	1185.6	1181.0	1185.6
12.5°	1638.8	1615.9	1571.6	1464.8	1283.3	1254.3	1202.4	1164.2	1161.2	1168.9	1210.1
15°	1620.5	1599.1	1547.2	1379.4	1219.2	1197.8	1161.2	1147.5	1164.2	1217.7	1341.3
17.5°	1602.2	1577.7	1513.7	1295.4	1170.3	1155.1	1129.1	1156.6	1251.2	1322.9	1364.1
20°	1577.7	1548.8	1475.6	1234.5	1135.3	1121.5	1109.3	1232.9	1304.6	1330.6	1353.4
22.5°	1548.8	1518.3	1423.7	1191.7	1098.6	1087.9	1095.6	1275.7	1304.6	1322.9	1342.8
25°	1510.7	1484.7	1362.6	1158.2	1069.7	1057.4	1086.5	1271.0	1287.8	1292.4	1332.1
27.5°	1475.6	1442.0	1298.5	1127.7	1034.6	1030.0	1094.1	1251.2	1263.4	1268.0	1310.8
30°	1432.8	1382.5	1226.8	1095.6	997.9	996.4	1095.6	1226.8	1223.8	1236.0	1278.7
32.5°	1388.5	1294.0	1145.9	1055.9	962.8	961.3	1084.9	1190.2	1187.1	1203.9	1236.0
35°	1347.3	1225.3	1036.1	1010.2	918.6	920.1	1059.0	1147.5	1149.0	1164.2	1184.1
37.5°	1304.6	1165.8	915.5	959.8	875.9	875.9	1023.9	1107.8	1104.7	1109.3	1136.8
40°	1254.3	1072.7	808.7	894.2	836.2	831.6	981.1	1065.1	1054.4	1052.9	1091.0
42.5°	1200.9	970.4	729.3	807.2	790.4	784.3	929.2	1013.2	993.4	997.9	1046.7
45°	1142.9	943.0	668.4	682.1	743.1	738.5	872.8	953.6	939.9	952.2	1002.5
47.5°	1084.9	888.0	648.5	566.1	692.8	691.2	810.3	895.7	888.0	900.3	953.6
50°	1005.5	827.1	647.0	485.3	636.3	642.4	735.5	839.2	839.2	849.9	906.4
52.5°	903.3	752.3	587.4	439.4	570.6	589.0	669.9	790.4	793.5	804.1	854.5
55°	810.3	674.4	544.8	404.3	492.9	532.5	605.8	740.0	746.1	756.8	802.6
57.5°	724.8	561.6	535.6	363.1	421.1	459.3	549.3	691.2	694.3	703.5	747.7
60°	633.2	405.9	491.3	318.9	358.6	387.5	497.4	633.2	644.0	650.0	688.1
62.5°	529.5	294.5	445.5	288.4	328.1	334.2	454.7	578.3	592.1	596.6	619.5
65°	376.9	247.2	378.5	262.4	296.0	297.5	408.9	521.8	534.1	541.7	558.5
67.5°	254.8	201.4	288.4	238.0	271.6	273.1	364.7	456.2	473.0	479.1	489.8
70°	177.0	134.3	213.6	212.1	244.2	247.2	317.4	396.7	412.0	416.6	422.7
72.5°	129.7	108.3	177.0	190.7	215.1	218.2	268.6	329.6	344.9	349.4	352.5
75°	99.2	114.4	143.5	166.3	183.1	184.6	219.8	268.6	279.2	282.3	283.8
77.5°	79.3	106.8	105.3	134.3	149.5	146.5	172.4	207.5	216.7	216.7	216.7
80°	59.5	83.9	79.3	96.1	109.9	106.8	123.6	148.0	151.1	154.1	152.6
82.5°	44.3	53.4	53.4	61.1	73.2	70.2	82.4	96.1	96.1	96.1	99.2
85°	27.5	30.5	24.4	32.0	41.2	39.7	45.8	51.9	53.4	53.4	50.4
87.5°	16.8	13.7	7.6	12.2	18.3	18.3	21.3	22.9	21.3	21.3	21.3
90°	15.6	10.8	6.0	10.8	15.6	16.7	26.3	39.0	45.4	40.3	30.3
92.5°	105.3	64.6	23.9	64.6	105.3	115.4	162.2	224.7	255.9	224.3	161.1
95°	206.2	131.8	57.4	131.8	206.2	224.8	399.2	631.9	748.1	667.6	506.5
97.5°	230.5	164.9	99.3	164.9	230.5	246.9	537.8	925.6	1119.5	1068.6	966.8
100°	250.6	191.1	131.6	191.1	250.6	265.5	588.2	1018.6	1233.7	1237.4	1244.9
102.5°	270.2	214.6	159.1	214.6	270.2	284.1	611.4	1047.7	1266.0	1330.8	1460.5
105°	299.8	252.8	205.7	252.8	299.8	311.5	628.5	1051.1	1262.4	1407.8	1698.5
107.5°	341.3	297.4	253.6	297.4	341.3	352.2	631.7	1004.3	1190.7	1393.5	1799.0
110°	365.0	325.4	285.8	325.4	365.0	374.9	626.9	962.8	1130.8	1357.5	1811.0



TEST NUMBER: P935623

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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	393.0	355.3	317.5	355.3	393.0	402.5	627.1	926.6	1076.4	1308.4	1772.5
115°	435.0	400.2	365.4	400.2	435.0	443.8	632.9	885.1	1011.2	1234.8	1681.8
117.5°	475.9	444.3	412.6	444.3	475.9	483.8	644.6	859.1	966.4	1168.1	1571.6
120°	499.7	469.9	440.1	469.9	499.7	507.1	654.2	850.3	948.4	1132.7	1501.3
122.5°	527.1	497.1	467.1	497.1	527.1	534.6	668.0	845.8	934.7	1100.7	1432.7
125°	563.0	535.7	508.3	535.7	563.0	569.9	686.5	842.0	919.8	1060.8	1342.7
127.5°	597.1	569.4	541.8	569.4	597.1	604.0	705.1	839.8	907.2	1028.3	1270.4
130°	619.2	589.5	559.7	589.5	619.2	626.7	718.6	841.1	902.4	1010.2	1225.7
132.5°	637.8	608.1	578.3	608.1	637.8	645.3	729.6	842.0	898.2	994.7	1187.6
135°	660.0	632.9	605.8	632.9	660.0	666.7	741.5	841.2	891.0	971.8	1133.4
137.5°	687.6	660.7	633.9	660.7	687.6	694.3	759.5	846.4	889.8	958.1	1094.7
140°	706.6	681.9	657.2	681.9	706.6	712.8	770.4	847.2	885.7	944.6	1062.7
142.5°	720.9	698.0	675.1	698.0	720.9	726.6	779.6	850.3	885.7	937.5	1041.1
145°	742.5	722.6	702.6	722.6	742.5	747.5	791.6	850.3	879.6	922.1	1006.9
147.5°	769.0	749.6	730.2	749.6	769.0	773.8	809.1	856.2	879.6	913.0	979.7
150°	783.2	765.7	748.1	765.7	783.2	787.6	818.3	859.2	879.6	907.8	964.2
152.5°	793.3	779.9	766.6	779.9	793.3	796.6	824.3	861.2	879.6	903.7	951.8
155°	813.8	804.0	794.2	804.0	813.8	816.3	837.4	865.6	879.6	898.8	937.1
157.5°	833.6	824.1	814.5	824.1	833.6	836.0	850.5	869.9	879.6	894.5	924.3
160°	843.2	835.7	828.2	835.7	843.2	845.0	856.5	871.9	879.6	892.4	917.9
162.5°	853.2	847.5	842.0	847.5	853.2	854.5	862.9	874.1	879.6	890.4	911.9
165°	867.1	862.0	856.9	862.0	867.1	868.3	872.1	877.1	879.6	887.3	902.8
167.5°	875.5	873.1	870.7	873.1	875.5	876.1	879.3	883.5	885.7	890.7	900.8
170°	884.4	882.0	879.6	882.0	884.4	885.0	885.3	885.5	885.7	890.7	900.8
172.5°	885.5	885.0	884.4	885.0	885.5	885.7	885.7	885.7	885.7	889.7	897.6
175°	891.0	891.0	891.0	891.0	891.0	891.0	889.3	886.9	885.7	888.2	893.3
177.5°	891.0	891.0	891.0	891.0	891.0	891.0	889.7	887.7	886.8	888.8	892.8
180°	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0



TEST NUMBER: P935623  
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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8	1612.8
2.5°	1556.4	1551.9	1557.9	1541.2	1557.9	1551.9	1556.4	1567.1	1557.9	1564.0	1570.1
5°	1365.7	1358.0	1333.6	1313.8	1333.6	1358.0	1365.7	1397.7	1413.0	1440.4	1477.1
7.5°	1220.7	1214.6	1208.5	1196.3	1208.5	1214.6	1220.7	1229.8	1245.1	1269.6	1297.0
10°	1188.6	1190.2	1199.4	1197.8	1199.4	1190.2	1188.6	1185.6	1181.0	1185.6	1202.4
12.5°	1271.0	1284.8	1335.2	1332.1	1335.2	1284.8	1271.0	1210.1	1168.9	1161.2	1164.2
15°	1365.7	1370.2	1380.9	1382.5	1380.9	1370.2	1365.7	1341.3	1217.7	1164.2	1147.5
17.5°	1374.8	1376.4	1384.0	1384.0	1384.0	1376.4	1374.8	1364.1	1322.9	1251.2	1156.6
20°	1367.2	1370.2	1385.5	1388.5	1385.5	1370.2	1367.2	1353.4	1330.6	1304.6	1232.9
22.5°	1364.1	1370.2	1382.5	1380.9	1382.5	1370.2	1364.1	1342.8	1322.9	1304.6	1275.7
25°	1348.9	1348.9	1350.4	1352.0	1350.4	1348.9	1348.9	1332.1	1292.4	1287.8	1271.0
27.5°	1316.9	1319.9	1329.0	1327.6	1329.0	1319.9	1316.9	1310.8	1268.0	1263.4	1251.2
30°	1287.8	1284.8	1277.2	1271.0	1277.2	1284.8	1287.8	1278.7	1236.0	1223.8	1226.8
32.5°	1239.0	1231.4	1223.8	1219.2	1223.8	1231.4	1239.0	1236.0	1203.9	1187.1	1190.2
35°	1181.0	1182.6	1181.0	1176.5	1181.0	1182.6	1181.0	1184.1	1164.2	1149.0	1147.5
37.5°	1139.8	1142.9	1141.4	1135.3	1141.4	1142.9	1139.8	1136.8	1109.3	1104.7	1107.8
40°	1097.1	1098.6	1097.1	1092.6	1097.1	1098.6	1097.1	1091.0	1052.9	1054.4	1065.1
42.5°	1055.9	1054.4	1049.8	1046.7	1049.8	1054.4	1055.9	1046.7	997.9	993.4	1013.2
45°	1008.6	1010.2	1001.0	996.4	1001.0	1010.2	1008.6	1002.5	952.2	939.9	953.6
47.5°	961.3	961.3	953.6	949.1	953.6	961.3	961.3	953.6	900.3	888.0	895.7
50°	911.0	909.4	898.7	897.2	898.7	909.4	911.0	906.4	849.9	839.2	839.2
52.5°	853.0	853.0	854.5	857.5	854.5	853.0	853.0	854.5	804.1	793.5	790.4
55°	802.6	804.1	814.8	817.9	814.8	804.1	802.6	802.6	756.8	746.1	740.0
57.5°	750.8	750.8	758.4	758.4	758.4	750.8	750.8	747.7	703.5	694.3	691.2
60°	691.2	694.3	700.4	698.9	700.4	694.3	691.2	688.1	650.0	644.0	633.2
62.5°	628.6	631.7	633.2	630.2	633.2	631.7	628.6	619.5	596.6	592.1	578.3
65°	563.0	566.1	567.6	564.6	567.6	566.1	563.0	558.5	541.7	534.1	521.8
67.5°	495.9	494.4	492.9	499.0	492.9	494.4	495.9	489.8	479.1	473.0	456.2
70°	427.3	427.3	425.7	428.7	425.7	427.3	427.3	422.7	416.6	412.0	396.7
72.5°	354.0	352.5	358.6	354.0	358.6	352.5	354.0	352.5	349.4	344.9	329.6
75°	282.3	285.4	282.3	286.9	282.3	285.4	282.3	283.8	282.3	279.2	268.6
77.5°	215.1	218.2	215.1	215.1	215.1	218.2	215.1	216.7	216.7	216.7	207.5
80°	152.6	151.1	151.1	149.5	151.1	151.1	152.6	152.6	154.1	151.1	148.0
82.5°	97.6	96.1	96.1	99.2	96.1	96.1	97.6	99.2	96.1	96.1	96.1
85°	53.4	54.9	51.9	51.9	51.9	54.9	53.4	50.4	53.4	53.4	51.9
87.5°	19.9	18.3	18.3	18.3	18.3	18.3	19.9	21.3	21.3	21.3	22.9
90°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	30.3	40.3	45.4	39.0
92.5°	113.7	109.1	91.0	72.9	91.0	109.1	113.7	161.1	224.3	255.9	224.7
95°	385.7	372.0	317.2	262.5	317.2	372.0	385.7	506.5	667.6	748.1	631.9
97.5°	890.4	864.4	760.2	656.0	760.2	864.4	890.4	966.8	1068.6	1119.5	925.6
100°	1250.4	1219.4	1095.3	971.2	1095.3	1219.4	1250.4	1244.9	1237.4	1233.7	1018.6
102.5°	1557.8	1531.2	1424.9	1318.6	1424.9	1531.2	1557.8	1460.5	1330.8	1266.0	1047.7
105°	1916.6	1902.3	1845.2	1788.0	1845.2	1902.3	1916.6	1698.5	1407.8	1262.4	1051.1
107.5°	2103.2	2106.6	2120.4	2134.3	2120.4	2106.6	2103.2	1799.0	1393.5	1190.7	1004.3
110°	2151.1	2165.9	2225.5	2285.0	2225.5	2165.9	2151.1	1811.0	1357.5	1130.8	962.8



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2120.5	2143.4	2234.8	2326.2	2234.8	2143.4	2120.5	1772.5	1308.4	1076.4	926.6
115°	2017.1	2048.8	2175.6	2302.3	2175.6	2048.8	2017.1	1681.8	1234.8	1011.2	885.1
117.5°	1874.2	1909.3	2049.9	2190.5	2049.9	1909.3	1874.2	1571.6	1168.1	966.4	859.1
120°	1777.9	1812.0	1948.6	2085.2	1948.6	1812.0	1777.9	1501.3	1132.7	948.4	850.3
122.5°	1681.6	1715.3	1850.0	1984.8	1850.0	1715.3	1681.6	1432.7	1100.7	934.7	845.8
125°	1554.2	1585.3	1709.4	1833.5	1709.4	1585.3	1554.2	1342.7	1060.8	919.8	842.0
127.5°	1452.0	1478.2	1582.9	1687.6	1582.9	1478.2	1452.0	1270.4	1028.3	907.2	839.8
130°	1387.4	1411.6	1508.4	1605.1	1508.4	1411.6	1387.4	1225.7	1010.2	902.4	841.1
132.5°	1332.3	1354.0	1440.7	1527.3	1440.7	1354.0	1332.3	1187.6	994.7	898.2	842.0
135°	1254.6	1273.3	1348.0	1422.7	1348.0	1273.3	1254.6	1133.4	971.8	891.0	841.2
137.5°	1197.2	1212.4	1273.6	1334.7	1273.6	1212.4	1197.2	1094.7	958.1	889.8	846.4
140°	1151.2	1165.5	1222.6	1279.7	1222.6	1165.5	1151.2	1062.7	944.6	885.7	847.2
142.5°	1118.9	1131.2	1180.3	1229.5	1180.3	1131.2	1118.9	1041.1	937.5	885.7	850.3
145°	1070.5	1079.8	1117.0	1154.2	1117.0	1079.8	1070.5	1006.9	922.1	879.6	850.3
147.5°	1029.8	1037.5	1068.4	1099.2	1068.4	1037.5	1029.8	979.7	913.0	879.6	856.2
150°	1006.5	1012.7	1037.7	1062.7	1037.7	1012.7	1006.5	964.2	907.8	879.6	859.2
152.5°	987.9	992.6	1011.5	1030.3	1011.5	992.6	987.9	951.8	903.7	879.6	861.2
155°	965.8	969.0	981.4	993.9	981.4	969.0	965.8	937.1	898.8	879.6	865.6
157.5°	946.6	948.8	957.6	966.4	957.6	948.8	946.6	924.3	894.5	879.6	869.9
160°	937.1	938.3	943.4	948.4	943.4	938.3	937.1	917.9	892.4	879.6	871.9
162.5°	928.1	929.3	934.1	938.9	934.1	929.3	928.1	911.9	890.4	879.6	874.1
165°	914.4	915.6	920.7	925.7	920.7	915.6	914.4	902.8	887.3	879.6	877.1
167.5°	908.4	908.9	911.0	913.1	911.0	908.9	908.4	900.8	890.7	885.7	883.5
170°	908.4	908.4	908.4	908.4	908.4	908.4	908.4	900.8	890.7	885.7	885.5
172.5°	903.6	903.1	901.3	899.4	901.3	903.1	903.6	897.6	889.7	885.7	885.7
175°	897.0	897.0	897.0	897.0	897.0	897.0	897.0	893.3	888.2	885.7	886.9
177.5°	895.8	895.3	893.2	891.0	893.2	895.3	895.8	892.8	888.8	886.8	887.7
180°	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0	891.0



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1612.8	1612.8	1612.8	1612.8	1612.8
2.5°	1593.1	1600.7	1605.2	1611.3	1626.6
5°	1532.0	1561.0	1570.1	1593.1	1620.5
7.5°	1397.7	1486.2	1510.7	1565.6	1608.3
10°	1268.0	1356.5	1399.2	1528.9	1593.1
12.5°	1202.4	1254.3	1283.3	1464.8	1571.6
15°	1161.2	1197.8	1219.2	1379.4	1547.2
17.5°	1129.1	1155.1	1170.3	1295.4	1513.7
20°	1109.3	1121.5	1135.3	1234.5	1475.6
22.5°	1095.6	1087.9	1098.6	1191.7	1423.7
25°	1086.5	1057.4	1069.7	1158.2	1362.6
27.5°	1094.1	1030.0	1034.6	1127.7	1298.5
30°	1095.6	996.4	997.9	1095.6	1226.8
32.5°	1084.9	961.3	962.8	1055.9	1145.9
35°	1059.0	920.1	918.6	1010.2	1036.1
37.5°	1023.9	875.9	875.9	959.8	915.5
40°	981.1	831.6	836.2	894.2	808.7
42.5°	929.2	784.3	790.4	807.2	729.3
45°	872.8	738.5	743.1	682.1	668.4
47.5°	810.3	691.2	692.8	566.1	648.5
50°	735.5	642.4	636.3	485.3	647.0
52.5°	669.9	589.0	570.6	439.4	587.4
55°	605.8	532.5	492.9	404.3	544.8
57.5°	549.3	459.3	421.1	363.1	535.6
60°	497.4	387.5	358.6	318.9	491.3
62.5°	454.7	334.2	328.1	288.4	445.5
65°	408.9	297.5	296.0	262.4	378.5
67.5°	364.7	273.1	271.6	238.0	288.4
70°	317.4	247.2	244.2	212.1	213.6
72.5°	268.6	218.2	215.1	190.7	177.0
75°	219.8	184.6	183.1	166.3	143.5
77.5°	172.4	146.5	149.5	134.3	105.3
80°	123.6	106.8	109.9	96.1	79.3
82.5°	82.4	70.2	73.2	61.1	53.4
85°	45.8	39.7	41.2	32.0	24.4
87.5°	21.3	18.3	18.3	12.2	7.6
90°	26.3	16.7	15.6	10.8	6.0
92.5°	162.2	115.4	105.3	64.6	23.9
95°	399.2	224.8	206.2	131.8	57.4
97.5°	537.8	246.9	230.5	164.9	99.3
100°	588.2	265.5	250.6	191.1	131.6
102.5°	611.4	284.1	270.2	214.6	159.1
105°	628.5	311.5	299.8	252.8	205.7
107.5°	631.7	352.2	341.3	297.4	253.6
110°	626.9	374.9	365.0	325.4	285.8



TEST NUMBER: P935623

CATALOG NUMBER: SQ4-FA-125U-100D-927-1D-UNV-STD-W-6

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	627.1	402.5	393.0	355.3	317.5
115°	632.9	443.8	435.0	400.2	365.4
117.5°	644.6	483.8	475.9	444.3	412.6
120°	654.2	507.1	499.7	469.9	440.1
122.5°	668.0	534.6	527.1	497.1	467.1
125°	686.5	569.9	563.0	535.7	508.3
127.5°	705.1	604.0	597.1	569.4	541.8
130°	718.6	626.7	619.2	589.5	559.7
132.5°	729.6	645.3	637.8	608.1	578.3
135°	741.5	666.7	660.0	632.9	605.8
137.5°	759.5	694.3	687.6	660.7	633.9
140°	770.4	712.8	706.6	681.9	657.2
142.5°	779.6	726.6	720.9	698.0	675.1
145°	791.6	747.5	742.5	722.6	702.6
147.5°	809.1	773.8	769.0	749.6	730.2
150°	818.3	787.6	783.2	765.7	748.1
152.5°	824.3	796.6	793.3	779.9	766.6
155°	837.4	816.3	813.8	804.0	794.2
157.5°	850.5	836.0	833.6	824.1	814.5
160°	856.5	845.0	843.2	835.7	828.2
162.5°	862.9	854.5	853.2	847.5	842.0
165°	872.1	868.3	867.1	862.0	856.9
167.5°	879.3	876.1	875.5	873.1	870.7
170°	885.3	885.0	884.4	882.0	879.6
172.5°	885.7	885.7	885.5	885.0	884.4
175°	889.3	891.0	891.0	891.0	891.0
177.5°	889.7	891.0	891.0	891.0	891.0
180°	891.0	891.0	891.0	891.0	891.0



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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	12.01	12.80	13.03	13.83	15.21	14.83	15.63	15.86	16.66	18.04
	3H	12.48	13.19	13.51	14.23	15.63	16.17	16.88	17.21	17.92	19.32
	4H	12.67	13.34	13.71	14.38	15.79	16.61	17.29	17.66	18.33	19.74
	6H	12.78	13.40	13.84	14.45	15.87	16.89	17.51	17.95	18.56	19.98
	8H	12.78	13.37	13.84	14.44	15.85	16.96	17.55	18.02	18.62	20.03
	12H	12.75	13.31	13.82	14.37	15.81	17.00	17.56	18.06	18.62	20.06
4H	2H	13.03	13.71	14.08	14.75	16.16	15.23	15.91	16.29	16.95	18.36
	3H	14.05	14.61	15.11	15.68	17.11	16.73	17.29	17.79	18.36	19.79
	4H	14.33	14.84	15.39	15.90	17.34	17.26	17.77	18.32	18.83	20.27
	6H	14.45	14.89	15.52	15.97	17.41	17.62	18.06	18.69	19.14	20.58
	8H	14.45	14.86	15.53	15.94	17.39	17.72	18.13	18.80	19.21	20.66
	12H	14.41	14.79	15.51	15.88	17.34	17.77	18.15	18.87	19.24	20.70
8H	4H	14.77	15.19	15.85	16.26	17.72	17.38	17.79	18.45	18.86	20.32
	6H	15.03	15.37	16.13	16.49	17.94	17.81	18.15	18.91	19.27	20.72
	8H	15.07	15.37	16.18	16.47	17.94	17.96	18.26	19.06	19.36	20.83
	12H	15.05	15.32	16.16	16.41	17.92	18.05	18.32	19.16	19.41	20.92
12H	4H	14.78	15.15	15.87	16.24	17.70	17.34	17.71	18.43	18.80	20.26
	6H	15.09	15.39	16.20	16.49	17.96	17.80	18.10	18.91	19.20	20.67
	8H	15.16	15.42	16.26	16.52	18.02	17.96	18.22	19.07	19.32	20.83