

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: P935415

Luminaire Tested: SQ4-FA-125U-050D-835-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935415
REPORT IS A COMBINATION OF REPORTS P933755 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-050D-835-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

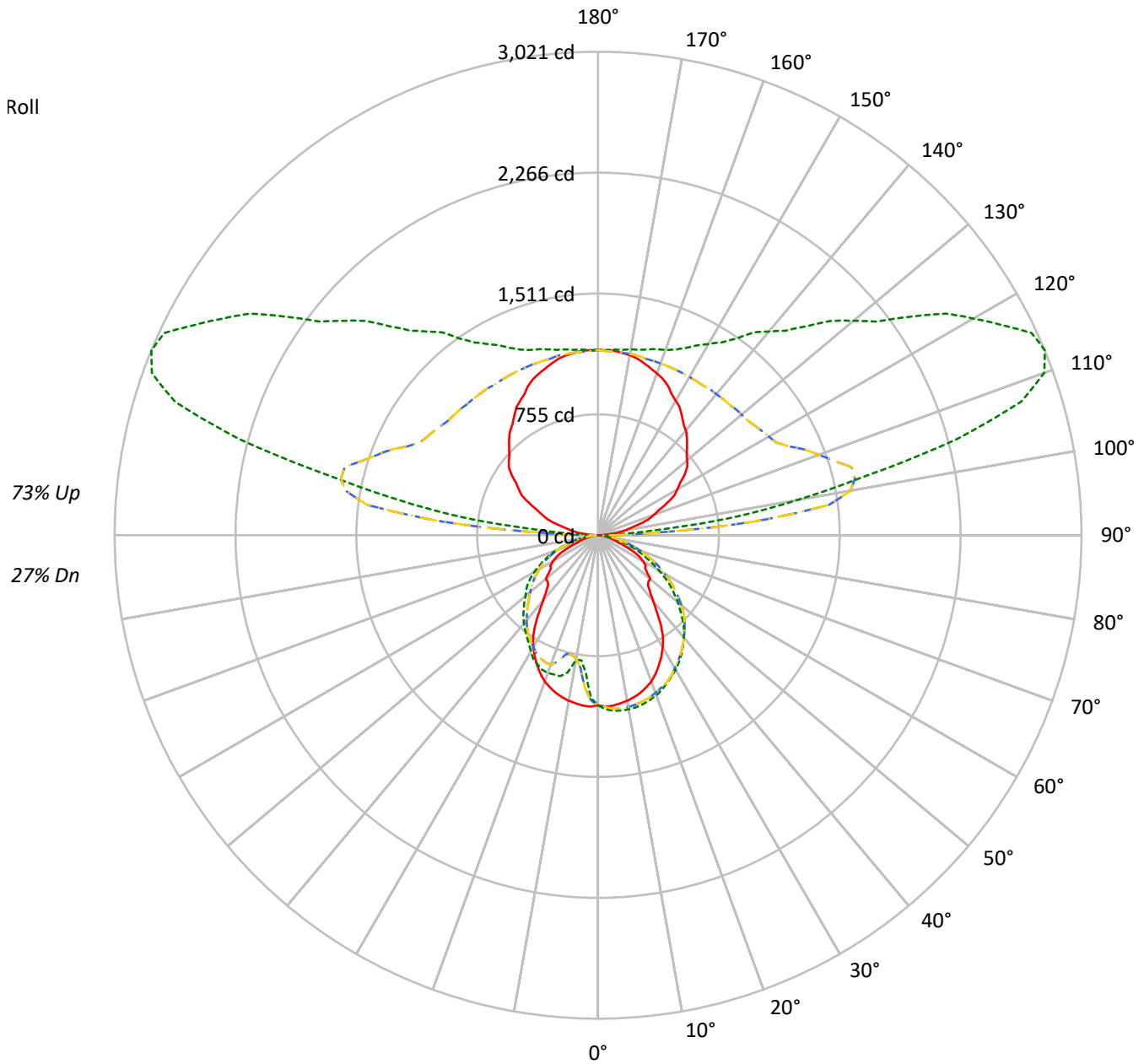
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10263.0 lumens
Efficiency: N/A
Efficacy: 143.7 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): 71.4
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

TEST NUMBER: P935415
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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°	6578	6578	6578	6578
5°	6624	6640	6624	5221
10°	6578	6541	6578	4676
15°	6504	6399	6504	5343
20°	6365	6231	6365	5354
25°	6084	5987	6084	5241
30°	5722	5783	5722	4992
35°	5099	5526	5099	4718
40°	4246	5224	4246	4511
45°	3791	4869	3791	4273
50°	4025	4447	4025	4035
55°	3783	3991	3783	3897
60°	3895	3390	3895	3569
65°	3526	2802	3526	3132
70°	2435	2233	2435	2626
75°	2129	1650	2129	1976
80°	1702	1091	1702	1188
85°	960	577	960	491

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5815 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.0	0.9
10°-20°	272.5	2.7
20°-30°	421.3	4.1
30°-40°	502.9	4.9
40°-50°	505.9	4.9
50°-60°	440.2	4.3
60°-70°	312.1	3.0
70°-80°	165.1	1.6
80°-90°	45.5	0.4
90°-100°	564.1	5.5
100°-110°	1483.0	14.4
110°-120°	1537.7	15.0
120°-130°	1233.4	12.0
130°-140°	967.8	9.4
140°-150°	742.8	7.2
150°-160°	534.9	5.2
160°-170°	327.3	3.2
170°-180°	110.6	1.1
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0°-30°	789.8	7.7
0°-40°	1292.7	12.6
0°-60°	2238.7	21.8
0°-90°	2761.4	26.9
90°-120°	3584.7	34.9
90°-150°	6528.7	63.6
90°-180°	7502.0	73.1
0°-180°	10263.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1063	1063	1063	1063	1063	
5°	1068	1102	1068	866	1068	101
15°	1020	1092	1020	911	1020	287
25°	898	1018	898	891	898	412
35°	683	908	683	776	683	423
45°	441	748	441	657	441	353
55°	359	552	359	539	359	330
65°	250	333	250	372	250	238
75°	95	158	95	189	95	99
85°	16	40	16	34	16	22
90°	8	30	8	30	8	7
95°	75	341	75	341	75	83
105°	267	2322	267	2322	267	283
115°	474	2990	474	2990	474	469
125°	660	2381	660	2381	660	586
135°	787	1848	787	1848	787	609
145°	912	1499	912	1499	912	572
155°	1031	1291	1031	1291	1031	474
165°	1113	1202	1113	1202	1113	314
175°	1157	1165	1157	1165	1157	110
180°	1157	1157	1157	1157	1157	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3
2.5°	1072.4	1072.4	1078.4	1080.4	1080.4	1077.4	1074.4	1077.4	1086.5	1089.5	1088.5
5°	1068.3	1076.4	1087.5	1089.5	1091.5	1090.5	1088.5	1090.5	1100.5	1102.6	1103.6
7.5°	1060.3	1075.4	1089.5	1092.5	1095.5	1092.5	1091.5	1093.5	1103.6	1105.6	1105.6
10°	1050.2	1071.4	1087.5	1089.5	1092.5	1089.5	1089.5	1093.5	1103.6	1105.6	1106.6
12.5°	1036.2	1065.3	1080.4	1082.4	1086.5	1085.5	1084.4	1088.5	1098.5	1100.5	1100.5
15°	1020.1	1054.3	1068.3	1070.4	1077.4	1075.4	1075.4	1079.4	1090.5	1093.5	1092.5
17.5°	997.9	1040.2	1056.3	1059.3	1064.3	1063.3	1064.3	1068.3	1078.4	1080.4	1081.4
20°	972.8	1021.1	1040.2	1043.2	1048.2	1048.2	1048.2	1053.3	1063.3	1067.3	1067.3
22.5°	938.6	1000.9	1021.1	1023.1	1029.1	1029.1	1031.1	1038.2	1047.2	1048.2	1048.2
25°	898.3	978.8	995.9	1002.0	1008.0	1011.0	1014.0	1018.1	1021.1	1020.1	1021.1
27.5°	856.1	950.6	972.8	976.8	984.9	987.9	991.9	992.9	993.9	996.9	994.9
30°	808.8	911.4	944.6	948.6	961.7	963.7	959.7	961.7	966.7	968.8	970.8
32.5°	755.5	853.1	915.4	924.5	936.6	930.5	929.5	932.5	940.6	940.6	942.6
35°	683.1	807.8	888.3	896.3	905.4	898.3	902.4	903.4	908.4	911.4	910.4
37.5°	603.6	768.6	860.1	866.1	873.2	864.1	870.2	873.2	877.2	875.2	875.2
40°	533.2	707.2	826.9	830.9	837.0	829.9	836.0	838.0	840.0	838.0	837.0
42.5°	480.9	639.8	791.7	796.7	792.7	797.7	799.8	803.8	800.8	796.7	796.7
45°	440.6	621.7	753.5	759.5	753.5	761.5	764.5	764.5	755.5	753.5	752.5
47.5°	427.5	585.5	715.3	715.3	712.2	722.3	727.3	720.3	711.2	708.2	708.2
50°	426.5	545.2	662.9	658.9	673.0	685.1	680.0	673.0	666.0	654.9	654.9
52.5°	387.3	495.9	595.5	610.6	632.8	639.8	631.8	624.7	612.6	607.6	603.6
55°	359.1	444.6	534.2	564.4	587.5	596.5	581.5	574.4	556.3	553.3	551.3
57.5°	353.1	370.2	477.8	516.1	544.2	543.2	534.2	521.1	506.0	503.0	502.0
60°	323.9	267.6	417.5	462.8	491.9	488.9	480.9	468.8	454.7	452.7	450.7
62.5°	293.7	194.2	349.1	400.4	441.6	440.6	433.6	415.5	405.4	400.4	396.4
65°	249.5	163.0	248.5	333.0	392.3	394.3	379.3	366.2	355.1	349.1	348.1
67.5°	190.1	132.8	168.0	277.7	345.1	343.0	323.9	317.9	303.8	300.8	294.8
70°	140.8	88.5	116.7	225.3	298.8	293.7	278.7	271.6	258.5	251.5	247.5
72.5°	116.7	71.4	85.5	175.0	251.5	245.5	232.4	224.3	213.3	207.2	203.2
75°	94.6	75.4	65.4	129.8	204.2	200.2	188.1	180.1	171.0	163.0	164.0
77.5°	69.4	70.4	52.3	95.6	162.0	155.9	148.9	138.8	134.8	126.8	126.8
80°	52.3	55.3	39.2	65.4	116.7	116.7	110.7	103.6	96.6	92.6	92.6
82.5°	35.2	35.2	29.2	41.2	79.5	76.5	72.4	70.4	66.4	64.4	64.4
85°	16.1	20.1	18.1	25.1	43.3	45.3	45.3	43.3	42.3	40.2	41.2
87.5°	5.0	9.1	11.1	14.1	22.1	23.1	24.1	24.1	24.1	25.1	25.1
90°	7.8	14.0	20.2	21.7	34.1	50.7	59.0	52.4	39.3	29.5	29.5
92.5°	31.1	83.9	136.7	149.9	210.7	291.8	332.4	291.3	209.2	147.6	141.7
95°	74.6	171.2	267.8	292.0	518.5	820.6	971.6	867.0	657.8	500.9	483.1
97.5°	128.9	214.1	299.4	320.7	698.4	1202.1	1453.9	1387.8	1255.6	1156.4	1122.6
100°	170.9	248.2	325.5	344.8	763.9	1322.8	1602.2	1607.0	1616.7	1623.9	1583.6
102.5°	206.6	278.7	350.9	368.9	794.0	1360.7	1644.1	1728.3	1896.8	2023.1	1988.6
105°	267.2	328.3	389.3	404.6	816.2	1365.1	1639.5	1828.3	2205.9	2489.1	2470.5
107.5°	329.3	386.2	443.2	457.4	820.4	1304.3	1546.3	1809.7	2336.4	2731.4	2735.9
110°	371.2	422.6	474.0	486.9	814.1	1250.4	1468.6	1763.0	2351.9	2793.6	2812.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	412.4	461.4	510.4	522.7	814.4	1203.4	1397.9	1699.2	2301.9	2753.9	2783.6
115°	474.5	519.7	565.0	576.3	822.0	1149.5	1313.3	1603.6	2184.2	2619.6	2660.8
117.5°	535.9	577.0	618.0	628.3	837.2	1115.7	1255.0	1517.0	2041.0	2434.0	2479.6
120°	571.6	610.3	648.9	658.6	849.6	1104.3	1231.7	1471.1	1949.8	2308.9	2353.3
122.5°	606.6	645.6	684.6	694.3	867.5	1098.4	1213.9	1429.5	1860.6	2183.9	2227.6
125°	660.1	695.7	731.2	740.1	891.6	1093.5	1194.5	1377.6	1743.8	2018.5	2058.8
127.5°	703.6	739.5	775.4	784.4	915.7	1090.7	1178.2	1335.4	1649.9	1885.7	1919.7
130°	726.9	765.6	804.2	813.9	933.2	1092.3	1171.9	1311.9	1591.8	1801.8	1833.2
132.5°	751.0	789.7	828.3	838.0	947.5	1093.5	1166.5	1291.8	1542.4	1730.3	1758.4
135°	786.7	821.9	857.1	865.9	963.0	1092.5	1157.2	1262.1	1472.0	1629.4	1653.6
137.5°	823.2	858.1	893.0	901.7	986.3	1099.2	1155.6	1244.3	1421.7	1554.8	1574.6
140°	853.5	885.6	917.7	925.7	1000.5	1100.3	1150.2	1226.8	1380.1	1495.0	1513.6
142.5°	876.8	906.5	936.2	943.6	1012.5	1104.3	1150.2	1217.5	1352.1	1453.1	1469.1
145°	912.5	938.4	964.3	970.8	1028.0	1104.3	1142.4	1197.5	1307.6	1390.2	1402.3
147.5°	948.3	973.5	998.7	1005.0	1050.8	1111.9	1142.4	1185.7	1272.4	1337.4	1347.4
150°	971.6	994.4	1017.1	1022.8	1062.7	1115.8	1142.4	1179.0	1252.2	1307.1	1315.2
152.5°	995.6	1012.9	1030.2	1034.5	1070.5	1118.4	1142.4	1173.6	1236.1	1283.0	1289.1
155°	1031.4	1044.2	1056.9	1060.1	1087.5	1124.1	1142.4	1167.3	1217.0	1254.3	1258.4
157.5°	1057.8	1070.2	1082.6	1085.7	1104.6	1129.8	1142.4	1161.7	1200.4	1229.4	1232.2
160°	1075.6	1085.3	1095.0	1097.4	1112.4	1132.4	1142.4	1159.0	1192.1	1217.0	1218.6
162.5°	1093.5	1100.7	1108.0	1109.8	1120.7	1135.2	1142.4	1156.4	1184.3	1205.3	1206.9
165°	1112.9	1119.5	1126.1	1127.7	1132.6	1139.1	1142.4	1152.4	1172.5	1187.5	1189.1
167.5°	1130.8	1133.9	1137.0	1137.8	1141.9	1147.4	1150.2	1156.8	1169.9	1179.7	1180.4
170°	1142.4	1145.5	1148.6	1149.4	1149.7	1150.0	1150.2	1156.8	1169.9	1179.7	1179.7
172.5°	1148.6	1149.3	1150.0	1150.2	1150.2	1150.2	1150.2	1155.4	1165.7	1173.5	1172.9
175°	1157.2	1157.2	1157.2	1157.2	1154.9	1151.8	1150.2	1153.5	1160.1	1165.0	1165.0
177.5°	1157.2	1157.2	1157.2	1157.2	1155.4	1152.9	1151.7	1154.3	1159.5	1163.4	1162.7
180°	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3
2.5°	1090.5	1087.5	1090.5	1088.5	1089.5	1086.5	1077.4	1074.4	1077.4	1080.4	1080.4
5°	1103.6	1101.5	1103.6	1103.6	1102.6	1100.5	1090.5	1088.5	1090.5	1091.5	1089.5
7.5°	1107.6	1104.6	1107.6	1105.6	1105.6	1103.6	1093.5	1091.5	1092.5	1095.5	1092.5
10°	1107.6	1104.6	1107.6	1106.6	1105.6	1103.6	1093.5	1089.5	1089.5	1092.5	1089.5
12.5°	1102.6	1100.5	1102.6	1100.5	1100.5	1098.5	1088.5	1084.4	1085.5	1086.5	1082.4
15°	1094.5	1091.5	1094.5	1092.5	1093.5	1090.5	1079.4	1075.4	1075.4	1077.4	1070.4
17.5°	1082.4	1078.4	1082.4	1081.4	1080.4	1078.4	1068.3	1064.3	1063.3	1064.3	1059.3
20°	1068.3	1065.3	1068.3	1067.3	1067.3	1063.3	1053.3	1048.2	1048.2	1048.2	1043.2
22.5°	1046.2	1043.2	1046.2	1048.2	1048.2	1047.2	1038.2	1031.1	1029.1	1029.1	1023.1
25°	1021.1	1018.1	1021.1	1021.1	1020.1	1021.1	1018.1	1014.0	1011.0	1008.0	1002.0
27.5°	996.9	994.9	996.9	994.9	996.9	993.9	992.9	991.9	987.9	984.9	976.8
30°	972.8	970.8	972.8	970.8	968.8	966.7	961.7	959.7	963.7	961.7	948.6
32.5°	942.6	940.6	942.6	942.6	940.6	940.6	932.5	929.5	930.5	936.6	924.5
35°	911.4	908.4	911.4	910.4	911.4	908.4	903.4	902.4	898.3	905.4	896.3
37.5°	875.2	872.2	875.2	875.2	875.2	877.2	873.2	870.2	864.1	873.2	866.1
40°	838.0	834.0	838.0	837.0	838.0	840.0	838.0	836.0	829.9	837.0	830.9
42.5°	795.7	794.7	795.7	796.7	796.7	800.8	803.8	799.8	797.7	792.7	796.7
45°	750.5	748.4	750.5	752.5	753.5	755.5	764.5	764.5	761.5	753.5	759.5
47.5°	702.2	697.1	702.2	708.2	708.2	711.2	720.3	727.3	722.3	712.2	715.3
50°	650.9	651.9	650.9	654.9	654.9	666.0	673.0	680.0	685.1	673.0	658.9
52.5°	600.6	599.6	600.6	603.6	607.6	612.6	624.7	631.8	639.8	632.8	610.6
55°	550.3	552.3	550.3	551.3	553.3	556.3	574.4	581.5	596.5	587.5	564.4
57.5°	500.0	497.0	500.0	502.0	503.0	506.0	521.1	534.2	543.2	544.2	516.1
60°	441.6	437.6	441.6	450.7	452.7	454.7	468.8	480.9	488.9	491.9	462.8
62.5°	390.3	383.3	390.3	396.4	400.4	405.4	415.5	433.6	440.6	441.6	400.4
65°	336.0	333.0	336.0	348.1	349.1	355.1	366.2	379.3	394.3	392.3	333.0
67.5°	286.7	286.7	286.7	294.8	300.8	303.8	317.9	323.9	343.0	345.1	277.7
70°	241.4	240.4	241.4	247.5	251.5	258.5	271.6	278.7	293.7	298.8	225.3
72.5°	198.2	197.2	198.2	203.2	207.2	213.3	224.3	232.4	245.5	251.5	175.0
75°	160.0	157.9	160.0	164.0	163.0	171.0	180.1	188.1	200.2	204.2	129.8
77.5°	122.7	122.7	122.7	126.8	126.8	134.8	138.8	148.9	155.9	162.0	95.6
80°	91.5	90.5	91.5	92.6	92.6	96.6	103.6	110.7	116.7	116.7	65.4
82.5°	64.4	62.4	64.4	64.4	64.4	66.4	70.4	72.4	76.5	79.5	41.2
85°	40.2	40.2	40.2	41.2	40.2	42.3	43.3	45.3	45.3	43.3	25.1
87.5°	26.2	25.1	26.2	25.1	25.1	24.1	24.1	24.1	23.1	22.1	14.1
90°	29.5	29.5	29.5	29.5	29.5	39.3	52.4	59.0	50.7	34.1	21.7
92.5°	118.2	94.7	118.2	141.7	147.6	209.2	291.3	332.4	291.8	210.7	149.9
95°	412.0	340.9	412.0	483.1	500.9	657.8	867.0	971.6	820.6	518.5	292.0
97.5°	987.3	852.0	987.3	1122.6	1156.4	1255.6	1387.8	1453.9	1202.1	698.4	320.7
100°	1422.5	1261.3	1422.5	1583.6	1623.9	1616.7	1607.0	1602.2	1322.8	763.9	344.8
102.5°	1850.5	1712.5	1850.5	1988.6	2023.1	1896.8	1728.3	1644.1	1360.7	794.0	368.9
105°	2396.3	2322.1	2396.3	2470.5	2489.1	2205.9	1828.3	1639.5	1365.1	816.2	404.6
107.5°	2753.8	2771.8	2753.8	2735.9	2731.4	2336.4	1809.7	1546.3	1304.3	820.4	457.4
110°	2890.2	2967.5	2890.2	2812.9	2793.6	2351.9	1763.0	1468.6	1250.4	814.1	486.9



TEST NUMBER: P935415

CATALOG NUMBER: SQ4-FA-125U-050D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2902.3	3021.1	2902.3	2783.6	2753.9	2301.9	1699.2	1397.9	1203.4	814.4	522.7
115°	2825.4	2990.0	2825.4	2660.8	2619.6	2184.2	1603.6	1313.3	1149.5	822.0	576.3
117.5°	2662.2	2844.8	2662.2	2479.6	2434.0	2041.0	1517.0	1255.0	1115.7	837.2	628.3
120°	2530.7	2708.1	2530.7	2353.3	2308.9	1949.8	1471.1	1231.7	1104.3	849.6	658.6
122.5°	2402.6	2577.6	2402.6	2227.6	2183.9	1860.6	1429.5	1213.9	1098.4	867.5	694.3
125°	2220.0	2381.2	2220.0	2058.8	2018.5	1743.8	1377.6	1194.5	1093.5	891.6	740.1
127.5°	2055.7	2191.7	2055.7	1919.7	1885.7	1649.9	1335.4	1178.2	1090.7	915.7	784.4
130°	1958.9	2084.5	1958.9	1833.2	1801.8	1591.8	1311.9	1171.9	1092.3	933.2	813.9
132.5°	1871.0	1983.5	1871.0	1758.4	1730.3	1542.4	1291.8	1166.5	1093.5	947.5	838.0
135°	1750.6	1847.6	1750.6	1653.6	1629.4	1472.0	1262.1	1157.2	1092.5	963.0	865.9
137.5°	1654.0	1733.4	1654.0	1574.6	1554.8	1421.7	1244.3	1155.6	1099.2	986.3	901.7
140°	1587.8	1662.0	1587.8	1513.6	1495.0	1380.1	1226.8	1150.2	1100.3	1000.5	925.7
142.5°	1532.9	1596.8	1532.9	1469.1	1453.1	1352.1	1217.5	1150.2	1104.3	1012.5	943.6
145°	1450.6	1498.9	1450.6	1402.3	1390.2	1307.6	1197.5	1142.4	1104.3	1028.0	970.8
147.5°	1387.5	1427.5	1387.5	1347.4	1337.4	1272.4	1185.7	1142.4	1111.9	1050.8	1005.0
150°	1347.7	1380.1	1347.7	1315.2	1307.1	1252.2	1179.0	1142.4	1115.8	1062.7	1022.8
152.5°	1313.6	1338.1	1313.6	1289.1	1283.0	1236.1	1173.6	1142.4	1118.4	1070.5	1034.5
155°	1274.6	1290.8	1274.6	1258.4	1254.3	1217.0	1167.3	1142.4	1124.1	1087.5	1060.1
157.5°	1243.6	1255.0	1243.6	1232.2	1229.4	1200.4	1161.7	1142.4	1129.8	1104.6	1085.7
160°	1225.2	1231.7	1225.2	1218.6	1217.0	1192.1	1159.0	1142.4	1132.4	1112.4	1097.4
162.5°	1213.1	1219.3	1213.1	1206.9	1205.3	1184.3	1156.4	1142.4	1135.2	1120.7	1109.8
165°	1195.7	1202.2	1195.7	1189.1	1187.5	1172.5	1152.4	1142.4	1139.1	1132.6	1127.7
167.5°	1183.1	1185.9	1183.1	1180.4	1179.7	1169.9	1156.8	1150.2	1147.4	1141.9	1137.8
170°	1179.7	1179.7	1179.7	1179.7	1179.7	1169.9	1156.8	1150.2	1150.0	1149.7	1149.4
172.5°	1170.5	1168.1	1170.5	1172.9	1173.5	1165.7	1155.4	1150.2	1150.2	1150.2	1150.2
175°	1165.0	1165.0	1165.0	1165.0	1165.0	1160.1	1153.5	1150.2	1151.8	1154.9	1157.2
177.5°	1160.0	1157.2	1160.0	1162.7	1163.4	1159.5	1154.3	1151.7	1152.9	1155.4	1157.2
180°	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2



TEST NUMBER: P935415
 CATALOG NUMBER: SQ4-FA-125U-050D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3
2.5°	1078.4	1072.4	1072.4	1062.3	1058.3	1055.3	1050.2	1035.2	1031.1	1027.1	1033.1
5°	1087.5	1076.4	1068.3	1050.2	1035.2	1029.1	1010.0	973.8	949.6	931.5	921.5
7.5°	1089.5	1075.4	1060.3	1032.1	995.9	979.8	921.5	855.1	837.0	820.9	810.8
10°	1087.5	1071.4	1050.2	1008.0	922.5	894.3	836.0	792.7	781.6	778.6	781.6
12.5°	1080.4	1065.3	1036.2	965.7	846.0	826.9	792.7	767.6	765.5	770.6	797.7
15°	1068.3	1054.3	1020.1	909.4	803.8	789.7	765.5	756.5	767.6	802.8	884.3
17.5°	1056.3	1040.2	997.9	854.1	771.6	761.5	744.4	762.5	824.9	872.2	899.3
20°	1040.2	1021.1	972.8	813.8	748.4	739.4	731.3	812.8	860.1	877.2	892.3
22.5°	1021.1	1000.9	938.6	785.7	724.3	717.3	722.3	841.0	860.1	872.2	885.3
25°	995.9	978.8	898.3	763.5	705.2	697.1	716.3	838.0	849.0	852.1	878.2
27.5°	972.8	950.6	856.1	743.4	682.1	679.0	721.3	824.9	833.0	836.0	864.1
30°	944.6	911.4	808.8	722.3	657.9	656.9	722.3	808.8	806.8	814.8	843.0
32.5°	915.4	853.1	755.5	696.1	634.8	633.8	715.3	784.7	782.7	793.7	814.8
35°	888.3	807.8	683.1	666.0	605.6	606.6	698.1	756.5	757.5	767.6	780.6
37.5°	860.1	768.6	603.6	632.8	577.4	577.4	675.0	730.3	728.3	731.3	749.5
40°	826.9	707.2	533.2	589.5	551.3	548.3	646.8	702.2	695.1	694.1	719.3
42.5°	791.7	639.8	480.9	532.2	521.1	517.1	612.6	668.0	654.9	657.9	690.1
45°	753.5	621.7	440.6	449.7	489.9	486.9	575.4	628.7	619.7	627.7	660.9
47.5°	715.3	585.5	427.5	373.2	456.7	455.7	534.2	590.5	585.5	593.5	628.7
50°	662.9	545.2	426.5	319.9	419.5	423.5	484.9	553.3	553.3	560.3	597.6
52.5°	595.5	495.9	387.3	289.7	376.2	388.3	441.6	521.1	523.1	530.2	563.3
55°	534.2	444.6	359.1	266.6	324.9	351.1	399.4	487.9	491.9	499.0	529.1
57.5°	477.8	370.2	353.1	239.4	277.7	302.8	362.2	455.7	457.7	463.8	492.9
60°	417.5	267.6	323.9	210.2	236.4	255.5	327.9	417.5	424.5	428.5	453.7
62.5°	349.1	194.2	293.7	190.1	216.3	220.3	299.8	381.3	390.3	393.3	408.4
65°	248.5	163.0	249.5	173.0	195.2	196.2	269.6	344.0	352.1	357.1	368.2
67.5°	168.0	132.8	190.1	156.9	179.1	180.1	240.4	300.8	311.9	315.9	322.9
70°	116.7	88.5	140.8	139.8	161.0	163.0	209.2	261.6	271.6	274.6	278.7
72.5°	85.5	71.4	116.7	125.7	141.8	143.9	177.1	217.3	227.4	230.4	232.4
75°	65.4	75.4	94.6	109.7	120.7	121.7	144.9	177.1	184.1	186.1	187.1
77.5°	52.3	70.4	69.4	88.5	98.6	96.6	113.7	136.8	142.8	142.8	142.8
80°	39.2	55.3	52.3	63.4	72.4	70.4	81.5	97.6	99.6	101.6	100.6
82.5°	29.2	35.2	35.2	40.2	48.3	46.3	54.3	63.4	63.4	63.4	65.4
85°	18.1	20.1	16.1	21.1	27.2	26.2	30.2	34.2	35.2	35.2	33.2
87.5°	11.1	9.1	5.0	8.0	12.1	12.1	14.1	15.1	14.1	14.1	14.1
90°	20.2	14.0	7.8	14.0	20.2	21.7	34.1	50.7	59.0	52.4	39.3
92.5°	136.7	83.9	31.1	83.9	136.7	149.9	210.7	291.8	332.4	291.3	209.2
95°	267.8	171.2	74.6	171.2	267.8	292.0	518.5	820.6	971.6	867.0	657.8
97.5°	299.4	214.1	128.9	214.1	299.4	320.7	698.4	1202.1	1453.9	1387.8	1255.6
100°	325.5	248.2	170.9	248.2	325.5	344.8	763.9	1322.8	1602.2	1607.0	1616.7
102.5°	350.9	278.7	206.6	278.7	350.9	368.9	794.0	1360.7	1644.1	1728.3	1896.8
105°	389.3	328.3	267.2	328.3	389.3	404.6	816.2	1365.1	1639.5	1828.3	2205.9
107.5°	443.2	386.2	329.3	386.2	443.2	457.4	820.4	1304.3	1546.3	1809.7	2336.4
110°	474.0	422.6	371.2	422.6	474.0	486.9	814.1	1250.4	1468.6	1763.0	2351.9



TEST NUMBER: P935415

CATALOG NUMBER: SQ4-FA-125U-050D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	510.4	461.4	412.4	461.4	510.4	522.7	814.4	1203.4	1397.9	1699.2	2301.9
115°	565.0	519.7	474.5	519.7	565.0	576.3	822.0	1149.5	1313.3	1603.6	2184.2
117.5°	618.0	577.0	535.9	577.0	618.0	628.3	837.2	1115.7	1255.0	1517.0	2041.0
120°	648.9	610.3	571.6	610.3	648.9	658.6	849.6	1104.3	1231.7	1471.1	1949.8
122.5°	684.6	645.6	606.6	645.6	684.6	694.3	867.5	1098.4	1213.9	1429.5	1860.6
125°	731.2	695.7	660.1	695.7	731.2	740.1	891.6	1093.5	1194.5	1377.6	1743.8
127.5°	775.4	739.5	703.6	739.5	775.4	784.4	915.7	1090.7	1178.2	1335.4	1649.9
130°	804.2	765.6	726.9	765.6	804.2	813.9	933.2	1092.3	1171.9	1311.9	1591.8
132.5°	828.3	789.7	751.0	789.7	828.3	838.0	947.5	1093.5	1166.5	1291.8	1542.4
135°	857.1	821.9	786.7	821.9	857.1	865.9	963.0	1092.5	1157.2	1262.1	1472.0
137.5°	893.0	858.1	823.2	858.1	893.0	901.7	986.3	1099.2	1155.6	1244.3	1421.7
140°	917.7	885.6	853.5	885.6	917.7	925.7	1000.5	1100.3	1150.2	1226.8	1380.1
142.5°	936.2	906.5	876.8	906.5	936.2	943.6	1012.5	1104.3	1150.2	1217.5	1352.1
145°	964.3	938.4	912.5	938.4	964.3	970.8	1028.0	1104.3	1142.4	1197.5	1307.6
147.5°	998.7	973.5	948.3	973.5	998.7	1005.0	1050.8	1111.9	1142.4	1185.7	1272.4
150°	1017.1	994.4	971.6	994.4	1017.1	1022.8	1062.7	1115.8	1142.4	1179.0	1252.2
152.5°	1030.2	1012.9	995.6	1012.9	1030.2	1034.5	1070.5	1118.4	1142.4	1173.6	1236.1
155°	1056.9	1044.2	1031.4	1044.2	1056.9	1060.1	1087.5	1124.1	1142.4	1167.3	1217.0
157.5°	1082.6	1070.2	1057.8	1070.2	1082.6	1085.7	1104.6	1129.8	1142.4	1161.7	1200.4
160°	1095.0	1085.3	1075.6	1085.3	1095.0	1097.4	1112.4	1132.4	1142.4	1159.0	1192.1
162.5°	1108.0	1100.7	1093.5	1100.7	1108.0	1109.8	1120.7	1135.2	1142.4	1156.4	1184.3
165°	1126.1	1119.5	1112.9	1119.5	1126.1	1127.7	1132.6	1139.1	1142.4	1152.4	1172.5
167.5°	1137.0	1133.9	1130.8	1133.9	1137.0	1137.8	1141.9	1147.4	1150.2	1156.8	1169.9
170°	1148.6	1145.5	1142.4	1145.5	1148.6	1149.4	1149.7	1150.0	1150.2	1156.8	1169.9
172.5°	1150.0	1149.3	1148.6	1149.3	1150.0	1150.2	1150.2	1150.2	1150.2	1155.4	1165.7
175°	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1154.9	1151.8	1150.2	1153.5	1160.1
177.5°	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1155.4	1152.9	1151.7	1154.3	1159.5
180°	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2



TEST NUMBER: P935415
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3	1063.3
2.5°	1026.1	1023.1	1027.1	1016.0	1027.1	1023.1	1026.1	1033.1	1027.1	1031.1	1035.2
5°	900.4	895.3	879.2	866.1	879.2	895.3	900.4	921.5	931.5	949.6	973.8
7.5°	804.8	800.8	796.7	788.7	796.7	800.8	804.8	810.8	820.9	837.0	855.1
10°	783.7	784.7	790.7	789.7	790.7	784.7	783.7	781.6	778.6	781.6	792.7
12.5°	838.0	847.0	880.2	878.2	880.2	847.0	838.0	797.7	770.6	765.5	767.6
15°	900.4	903.4	910.4	911.4	910.4	903.4	900.4	884.3	802.8	767.6	756.5
17.5°	906.4	907.4	912.4	912.4	912.4	907.4	906.4	899.3	872.2	824.9	762.5
20°	901.4	903.4	913.4	915.4	913.4	903.4	901.4	892.3	877.2	860.1	812.8
22.5°	899.3	903.4	911.4	910.4	911.4	903.4	899.3	885.3	872.2	860.1	841.0
25°	889.3	889.3	890.3	891.3	890.3	889.3	889.3	878.2	852.1	849.0	838.0
27.5°	868.2	870.2	876.2	875.2	876.2	870.2	868.2	864.1	836.0	833.0	824.9
30°	849.0	847.0	842.0	838.0	842.0	847.0	849.0	843.0	814.8	806.8	808.8
32.5°	816.9	811.8	806.8	803.8	806.8	811.8	816.9	814.8	793.7	782.7	784.7
35°	778.6	779.6	778.6	775.6	778.6	779.6	778.6	780.6	767.6	757.5	756.5
37.5°	751.5	753.5	752.5	748.4	752.5	753.5	751.5	749.5	731.3	728.3	730.3
40°	723.3	724.3	723.3	720.3	723.3	724.3	723.3	719.3	694.1	695.1	702.2
42.5°	696.1	695.1	692.1	690.1	692.1	695.1	696.1	690.1	657.9	654.9	668.0
45°	665.0	666.0	659.9	656.9	659.9	666.0	665.0	660.9	627.7	619.7	628.7
47.5°	633.8	633.8	628.7	625.7	628.7	633.8	633.8	628.7	593.5	585.5	590.5
50°	600.6	599.6	592.5	591.5	592.5	599.6	600.6	597.6	560.3	553.3	553.3
52.5°	562.3	562.3	563.3	565.4	563.3	562.3	562.3	563.3	530.2	523.1	521.1
55°	529.1	530.2	537.2	539.2	537.2	530.2	529.1	529.1	499.0	491.9	487.9
57.5°	494.9	494.9	500.0	500.0	500.0	494.9	494.9	492.9	463.8	457.7	455.7
60°	455.7	457.7	461.7	460.7	461.7	457.7	455.7	453.7	428.5	424.5	417.5
62.5°	414.5	416.5	417.5	415.5	417.5	416.5	414.5	408.4	393.3	390.3	381.3
65°	371.2	373.2	374.2	372.2	374.2	373.2	371.2	368.2	357.1	352.1	344.0
67.5°	326.9	325.9	324.9	329.0	324.9	325.9	326.9	322.9	315.9	311.9	300.8
70°	281.7	281.7	280.7	282.7	280.7	281.7	281.7	278.7	274.6	271.6	261.6
72.5°	233.4	232.4	236.4	233.4	236.4	232.4	233.4	232.4	230.4	227.4	217.3
75°	186.1	188.1	186.1	189.1	186.1	188.1	186.1	187.1	186.1	184.1	177.1
77.5°	141.8	143.9	141.8	141.8	141.8	143.9	141.8	142.8	142.8	142.8	136.8
80°	100.6	99.6	99.6	98.6	99.6	99.6	100.6	100.6	101.6	99.6	97.6
82.5°	64.4	63.4	63.4	65.4	63.4	63.4	64.4	65.4	63.4	63.4	63.4
85°	35.2	36.2	34.2	34.2	34.2	36.2	35.2	33.2	35.2	35.2	34.2
87.5°	13.1	12.1	12.1	12.1	12.1	12.1	13.1	14.1	14.1	14.1	15.1
90°	29.5	29.5	29.5	29.5	29.5	29.5	29.5	39.3	52.4	59.0	50.7
92.5°	147.6	141.7	118.2	94.7	118.2	141.7	147.6	209.2	291.3	332.4	291.8
95°	500.9	483.1	412.0	340.9	412.0	483.1	500.9	657.8	867.0	971.6	820.6
97.5°	1156.4	1122.6	987.3	852.0	987.3	1122.6	1156.4	1255.6	1387.8	1453.9	1202.1
100°	1623.9	1583.6	1422.5	1261.3	1422.5	1583.6	1623.9	1616.7	1607.0	1602.2	1322.8
102.5°	2023.1	1988.6	1850.5	1712.5	1850.5	1988.6	2023.1	1896.8	1728.3	1644.1	1360.7
105°	2489.1	2470.5	2396.3	2322.1	2396.3	2470.5	2489.1	2205.9	1828.3	1639.5	1365.1
107.5°	2731.4	2735.9	2753.8	2771.8	2753.8	2735.9	2731.4	2336.4	1809.7	1546.3	1304.3
110°	2793.6	2812.9	2890.2	2967.5	2890.2	2812.9	2793.6	2351.9	1763.0	1468.6	1250.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2753.9	2783.6	2902.3	3021.1	2902.3	2783.6	2753.9	2301.9	1699.2	1397.9	1203.4
115°	2619.6	2660.8	2825.4	2990.0	2825.4	2660.8	2619.6	2184.2	1603.6	1313.3	1149.5
117.5°	2434.0	2479.6	2662.2	2844.8	2662.2	2479.6	2434.0	2041.0	1517.0	1255.0	1115.7
120°	2308.9	2353.3	2530.7	2708.1	2530.7	2353.3	2308.9	1949.8	1471.1	1231.7	1104.3
122.5°	2183.9	2227.6	2402.6	2577.6	2402.6	2227.6	2183.9	1860.6	1429.5	1213.9	1098.4
125°	2018.5	2058.8	2220.0	2381.2	2220.0	2058.8	2018.5	1743.8	1377.6	1194.5	1093.5
127.5°	1885.7	1919.7	2055.7	2191.7	2055.7	1919.7	1885.7	1649.9	1335.4	1178.2	1090.7
130°	1801.8	1833.2	1958.9	2084.5	1958.9	1833.2	1801.8	1591.8	1311.9	1171.9	1092.3
132.5°	1730.3	1758.4	1871.0	1983.5	1871.0	1758.4	1730.3	1542.4	1291.8	1166.5	1093.5
135°	1629.4	1653.6	1750.6	1847.6	1750.6	1653.6	1629.4	1472.0	1262.1	1157.2	1092.5
137.5°	1554.8	1574.6	1654.0	1733.4	1654.0	1574.6	1554.8	1421.7	1244.3	1155.6	1099.2
140°	1495.0	1513.6	1587.8	1662.0	1587.8	1513.6	1495.0	1380.1	1226.8	1150.2	1100.3
142.5°	1453.1	1469.1	1532.9	1596.8	1532.9	1469.1	1453.1	1352.1	1217.5	1150.2	1104.3
145°	1390.2	1402.3	1450.6	1498.9	1450.6	1402.3	1390.2	1307.6	1197.5	1142.4	1104.3
147.5°	1337.4	1347.4	1387.5	1427.5	1387.5	1347.4	1337.4	1272.4	1185.7	1142.4	1111.9
150°	1307.1	1315.2	1347.7	1380.1	1347.7	1315.2	1307.1	1252.2	1179.0	1142.4	1115.8
152.5°	1283.0	1289.1	1313.6	1338.1	1313.6	1289.1	1283.0	1236.1	1173.6	1142.4	1118.4
155°	1254.3	1258.4	1274.6	1290.8	1274.6	1258.4	1254.3	1217.0	1167.3	1142.4	1124.1
157.5°	1229.4	1232.2	1243.6	1255.0	1243.6	1232.2	1229.4	1200.4	1161.7	1142.4	1129.8
160°	1217.0	1218.6	1225.2	1231.7	1225.2	1218.6	1217.0	1192.1	1159.0	1142.4	1132.4
162.5°	1205.3	1206.9	1213.1	1219.3	1213.1	1206.9	1205.3	1184.3	1156.4	1142.4	1135.2
165°	1187.5	1189.1	1195.7	1202.2	1195.7	1189.1	1187.5	1172.5	1152.4	1142.4	1139.1
167.5°	1179.7	1180.4	1183.1	1185.9	1183.1	1180.4	1179.7	1169.9	1156.8	1150.2	1147.4
170°	1179.7	1179.7	1179.7	1179.7	1179.7	1179.7	1179.7	1169.9	1156.8	1150.2	1150.0
172.5°	1173.5	1172.9	1170.5	1168.1	1170.5	1172.9	1173.5	1165.7	1155.4	1150.2	1150.2
175°	1165.0	1165.0	1165.0	1165.0	1165.0	1165.0	1165.0	1160.1	1153.5	1150.2	1151.8
177.5°	1163.4	1162.7	1160.0	1157.2	1160.0	1162.7	1163.4	1159.5	1154.3	1151.7	1152.9
180°	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2	1157.2



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1063.3	1063.3	1063.3	1063.3	1063.3
2.5°	1050.2	1055.3	1058.3	1062.3	1072.4
5°	1010.0	1029.1	1035.2	1050.2	1068.3
7.5°	921.5	979.8	995.9	1032.1	1060.3
10°	836.0	894.3	922.5	1008.0	1050.2
12.5°	792.7	826.9	846.0	965.7	1036.2
15°	765.5	789.7	803.8	909.4	1020.1
17.5°	744.4	761.5	771.6	854.1	997.9
20°	731.3	739.4	748.4	813.8	972.8
22.5°	722.3	717.3	724.3	785.7	938.6
25°	716.3	697.1	705.2	763.5	898.3
27.5°	721.3	679.0	682.1	743.4	856.1
30°	722.3	656.9	657.9	722.3	808.8
32.5°	715.3	633.8	634.8	696.1	755.5
35°	698.1	606.6	605.6	666.0	683.1
37.5°	675.0	577.4	577.4	632.8	603.6
40°	646.8	548.3	551.3	589.5	533.2
42.5°	612.6	517.1	521.1	532.2	480.9
45°	575.4	486.9	489.9	449.7	440.6
47.5°	534.2	455.7	456.7	373.2	427.5
50°	484.9	423.5	419.5	319.9	426.5
52.5°	441.6	388.3	376.2	289.7	387.3
55°	399.4	351.1	324.9	266.6	359.1
57.5°	362.2	302.8	277.7	239.4	353.1
60°	327.9	255.5	236.4	210.2	323.9
62.5°	299.8	220.3	216.3	190.1	293.7
65°	269.6	196.2	195.2	173.0	249.5
67.5°	240.4	180.1	179.1	156.9	190.1
70°	209.2	163.0	161.0	139.8	140.8
72.5°	177.1	143.9	141.8	125.7	116.7
75°	144.9	121.7	120.7	109.7	94.6
77.5°	113.7	96.6	98.6	88.5	69.4
80°	81.5	70.4	72.4	63.4	52.3
82.5°	54.3	46.3	48.3	40.2	35.2
85°	30.2	26.2	27.2	21.1	16.1
87.5°	14.1	12.1	12.1	8.0	5.0
90°	34.1	21.7	20.2	14.0	7.8
92.5°	210.7	149.9	136.7	83.9	31.1
95°	518.5	292.0	267.8	171.2	74.6
97.5°	698.4	320.7	299.4	214.1	128.9
100°	763.9	344.8	325.5	248.2	170.9
102.5°	794.0	368.9	350.9	278.7	206.6
105°	816.2	404.6	389.3	328.3	267.2
107.5°	820.4	457.4	443.2	386.2	329.3
110°	814.1	486.9	474.0	422.6	371.2



TEST NUMBER: P935415
 CATALOG NUMBER: SQ4-FA-125U-050D-835-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	814.4	522.7	510.4	461.4	412.4
115°	822.0	576.3	565.0	519.7	474.5
117.5°	837.2	628.3	618.0	577.0	535.9
120°	849.6	658.6	648.9	610.3	571.6
122.5°	867.5	694.3	684.6	645.6	606.6
125°	891.6	740.1	731.2	695.7	660.1
127.5°	915.7	784.4	775.4	739.5	703.6
130°	933.2	813.9	804.2	765.6	726.9
132.5°	947.5	838.0	828.3	789.7	751.0
135°	963.0	865.9	857.1	821.9	786.7
137.5°	986.3	901.7	893.0	858.1	823.2
140°	1000.5	925.7	917.7	885.6	853.5
142.5°	1012.5	943.6	936.2	906.5	876.8
145°	1028.0	970.8	964.3	938.4	912.5
147.5°	1050.8	1005.0	998.7	973.5	948.3
150°	1062.7	1022.8	1017.1	994.4	971.6
152.5°	1070.5	1034.5	1030.2	1012.9	995.6
155°	1087.5	1060.1	1056.9	1044.2	1031.4
157.5°	1104.6	1085.7	1082.6	1070.2	1057.8
160°	1112.4	1097.4	1095.0	1085.3	1075.6
162.5°	1120.7	1109.8	1108.0	1100.7	1093.5
165°	1132.6	1127.7	1126.1	1119.5	1112.9
167.5°	1141.9	1137.8	1137.0	1133.9	1130.8
170°	1149.7	1149.4	1148.6	1145.5	1142.4
172.5°	1150.2	1150.2	1150.0	1149.3	1148.6
175°	1154.9	1157.2	1157.2	1157.2	1157.2
177.5°	1155.4	1157.2	1157.2	1157.2	1157.2
180°	1157.2	1157.2	1157.2	1157.2	1157.2



TEST NUMBER: P935415
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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	8.69	9.38	9.83	10.50	12.07	11.52	12.20	12.65	13.33	14.89
	3H	9.16	9.77	10.30	10.90	12.48	12.85	13.46	13.99	14.59	16.18
	4H	9.34	9.92	10.49	11.05	12.64	13.28	13.86	14.43	15.00	16.58
	6H	9.45	9.98	10.61	11.12	12.72	13.55	14.09	14.71	15.23	16.83
	8H	9.44	9.95	10.60	11.10	12.70	13.62	14.13	14.78	15.28	16.88
	12H	9.41	9.89	10.57	11.04	12.65	13.66	14.14	14.82	15.28	16.90
4H	2H	9.70	10.28	10.86	11.42	13.00	11.90	12.49	13.06	13.62	15.21
	3H	10.71	11.20	11.87	12.36	13.96	13.39	13.88	14.55	15.04	16.64
	4H	10.98	11.43	12.15	12.57	14.19	13.91	14.36	15.08	15.51	17.12
	6H	11.10	11.48	12.27	12.65	14.26	14.26	14.65	15.44	15.82	17.43
	8H	11.10	11.45	12.27	12.62	14.24	14.37	14.72	15.54	15.88	17.51
	12H	11.06	11.38	12.24	12.55	14.18	14.41	14.74	15.60	15.91	17.54
8H	4H	11.42	11.78	12.59	12.94	14.56	14.02	14.38	15.19	15.54	17.17
	6H	11.67	11.97	12.86	13.17	14.79	14.45	14.74	15.64	15.95	17.57
	8H	11.71	11.97	12.91	13.15	14.79	14.60	14.85	15.79	16.04	17.68
	12H	11.69	11.92	12.89	13.09	14.77	14.69	14.91	15.89	16.09	17.77
12H	4H	11.42	11.74	12.60	12.91	14.54	13.98	14.30	15.16	15.47	17.10
	6H	11.73	11.99	12.93	13.17	14.81	14.44	14.70	15.64	15.88	17.53
	8H	11.79	12.02	12.99	13.19	14.87	14.60	14.82	15.80	16.00	17.68