

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: P935538

Luminaire Tested: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935538
REPORT IS A COMBINATION OF REPORTS P933759 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

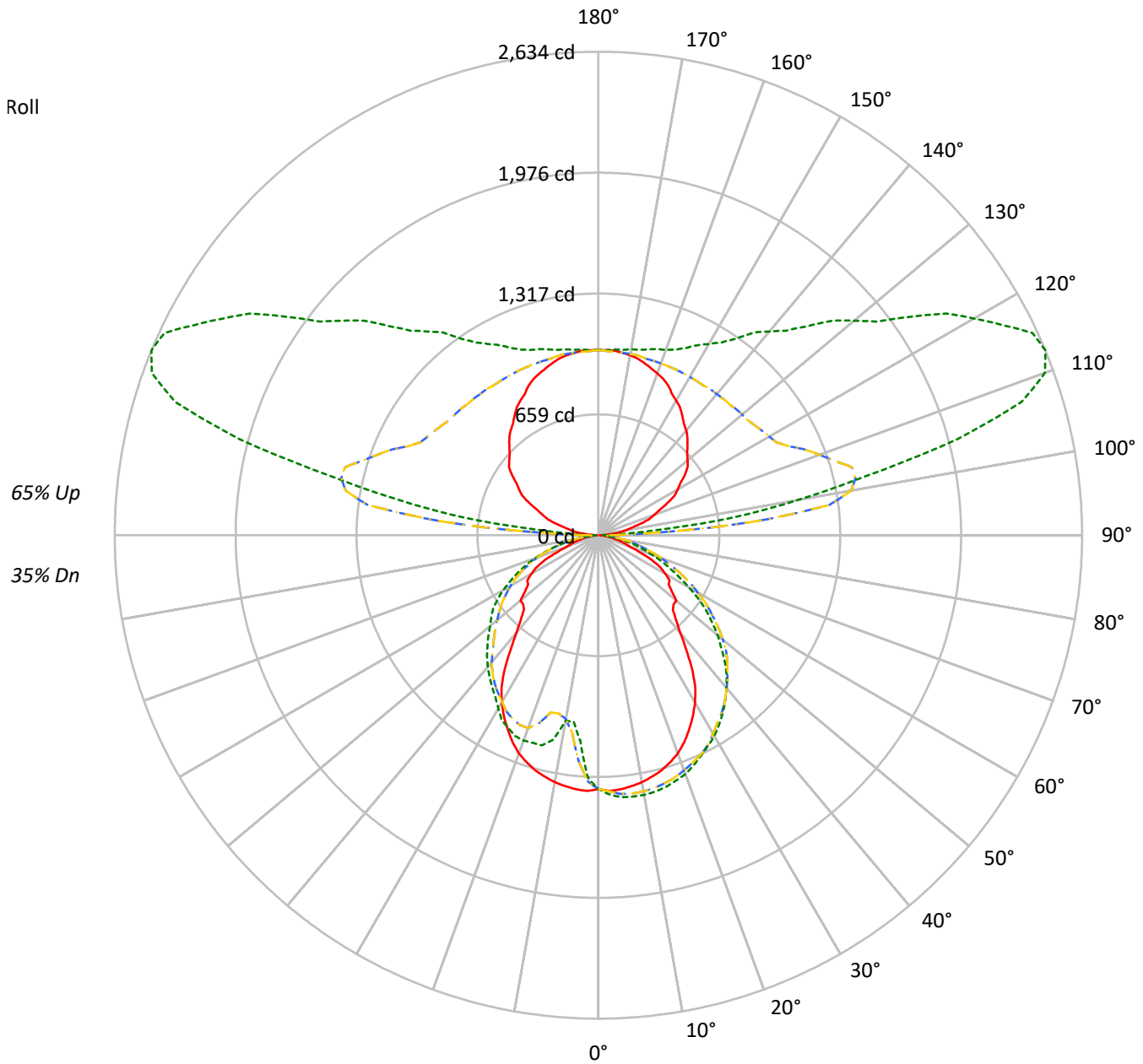
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10130.3 lumens
Efficiency: N/A
Efficacy: 121.5 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 83.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35
1	95	90	87	83	85	82	79	76	66	64	62	51	50	49	38	37	36	30
2	86	79	73	68	78	72	66	62	58	54	51	45	43	41	33	32	30	25
3	78	69	62	56	71	63	57	52	51	47	43	40	37	34	29	28	26	21
4	72	61	54	48	65	56	49	44	45	40	36	35	32	29	26	24	22	18
5	66	54	46	41	59	50	43	38	40	35	31	32	28	25	24	21	19	16
6	60	49	41	35	54	44	37	32	36	31	27	29	25	22	21	19	17	14
7	56	44	36	31	50	40	33	28	33	28	24	26	22	19	20	17	15	12
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	13	11
9	48	36	29	24	43	33	27	22	27	22	19	22	18	15	16	14	12	10
10	45	33	26	21	41	30	24	20	25	20	17	20	16	14	15	13	11	9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8553	8553	8553	8553
5°	8614	8634	8614	6789
10°	8553	8505	8553	6080
15°	8457	8320	8457	6948
20°	8277	8102	8277	6962
25°	7912	7784	7912	6815
30°	7441	7520	7441	6491
35°	6630	7185	6630	6135
40°	5521	6792	5521	5866
45°	4930	6331	4930	5557
50°	5233	5781	5233	5246
55°	4920	5189	4920	5066
60°	5065	4407	5065	4641
65°	4585	3644	4585	4073
70°	3167	2903	3167	3414
75°	2768	2147	2768	2570
80°	2213	1419	2213	1545
85°	1246	751	1246	639

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7561 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.8	1.2
10°-20°	354.4	3.5
20°-30°	547.8	5.4
30°-40°	653.9	6.5
40°-50°	657.8	6.5
50°-60°	572.3	5.6
60°-70°	405.8	4.0
70°-80°	214.7	2.1
80°-90°	57.3	0.6
90°-100°	491.9	4.9
100°-110°	1293.2	12.8
110°-120°	1340.9	13.2
120°-130°	1075.6	10.6
130°-140°	843.9	8.3
140°-150°	647.8	6.4
150°-160°	466.5	4.6
160°-170°	285.4	2.8
170°-180°	96.4	1.0
0°-30°	1026.9	10.1
0°-40°	1680.8	16.6
0°-60°	2910.9	28.7
0°-90°	3588.7	35.4
90°-120°	3126.0	30.9
90°-150°	5693.3	56.2
90°-180°	6542.0	64.6
0°-180°	10130.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1383	1383	1383	1383	1383	
5°	1389	1432	1389	1126	1389	132
15°	1326	1419	1326	1185	1326	373
25°	1168	1324	1168	1159	1168	536
35°	888	1181	888	1008	888	549
45°	573	973	573	854	573	459
55°	467	718	467	701	467	429
65°	324	433	324	484	324	310
75°	123	205	123	246	123	129
85°	21	52	21	44	21	28
90°	7	26	7	26	7	6
95°	65	297	65	297	65	72
105°	233	2025	233	2025	233	247
115°	414	2607	414	2607	414	409
125°	576	2076	576	2076	576	511
135°	686	1611	686	1611	686	531
145°	796	1307	796	1307	796	499
155°	899	1126	899	1126	899	413
165°	970	1048	970	1048	970	274
175°	1009	1016	1009	1016	1009	96
180°	1009	1009	1009	1009	1009	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6
2.5°	1394.4	1394.4	1402.2	1404.8	1404.8	1400.9	1397.0	1400.9	1412.7	1416.6	1415.3
5°	1389.2	1399.6	1414.0	1416.6	1419.2	1417.9	1415.3	1417.9	1431.0	1433.6	1434.9
7.5°	1378.7	1398.3	1416.6	1420.5	1424.5	1420.5	1419.2	1421.9	1434.9	1437.5	1437.5
10°	1365.6	1393.1	1414.0	1416.6	1420.5	1416.6	1416.6	1421.9	1434.9	1437.5	1438.9
12.5°	1347.3	1385.2	1404.8	1407.5	1412.7	1411.4	1410.1	1415.3	1428.4	1431.0	1431.0
15°	1326.4	1370.8	1389.2	1391.8	1400.9	1398.3	1398.3	1403.5	1417.9	1421.9	1420.5
17.5°	1297.6	1352.5	1373.5	1377.4	1383.9	1382.6	1383.9	1389.2	1402.2	1404.8	1406.2
20°	1264.9	1327.7	1352.5	1356.4	1363.0	1363.0	1363.0	1369.5	1382.6	1387.8	1387.8
22.5°	1220.4	1301.5	1327.7	1330.3	1338.1	1338.1	1340.8	1349.9	1361.7	1363.0	1363.0
25°	1168.1	1272.7	1295.0	1302.8	1310.7	1314.6	1318.5	1323.7	1327.7	1326.4	1327.7
27.5°	1113.2	1236.1	1264.9	1270.1	1280.6	1284.5	1289.7	1291.0	1292.4	1296.3	1293.7
30°	1051.7	1185.1	1228.3	1233.5	1250.5	1253.1	1247.9	1250.5	1257.0	1259.7	1262.3
32.5°	982.3	1109.2	1190.3	1202.1	1217.8	1209.9	1208.6	1212.6	1223.0	1223.0	1225.6
35°	888.2	1050.4	1155.0	1165.5	1177.2	1168.1	1173.3	1174.6	1181.2	1185.1	1183.8
37.5°	784.8	999.4	1118.4	1126.2	1135.4	1123.6	1131.5	1135.4	1140.6	1138.0	1138.0
40°	693.3	919.6	1075.2	1080.5	1088.3	1079.1	1087.0	1089.6	1092.2	1089.6	1088.3
42.5°	625.2	831.9	1029.4	1036.0	1030.7	1037.3	1039.9	1045.1	1041.2	1036.0	1036.0
45°	572.9	808.4	979.7	987.6	979.7	990.2	994.1	994.1	982.3	979.7	978.4
47.5°	555.9	761.3	930.0	930.0	926.1	939.2	945.7	936.6	924.8	920.9	920.9
50°	554.6	709.0	862.0	856.8	875.1	890.8	884.2	875.1	865.9	851.5	851.5
52.5°	503.6	644.9	774.4	794.0	822.8	831.9	821.5	812.3	796.6	790.1	784.8
55°	467.0	578.2	694.6	733.8	763.9	775.7	756.1	746.9	723.4	719.4	716.8
57.5°	459.1	481.4	621.3	671.0	707.7	706.3	694.6	677.6	657.9	654.0	652.7
60°	421.2	347.9	542.8	601.7	639.6	635.7	625.2	609.6	591.2	588.6	586.0
62.5°	382.0	252.5	453.9	520.6	574.2	572.9	563.8	540.2	527.1	520.6	515.4
65°	324.4	211.9	323.1	433.0	510.1	512.8	493.1	476.1	461.7	453.9	452.6
67.5°	247.2	172.7	218.4	361.0	448.7	446.0	421.2	413.3	395.0	391.1	383.3
70°	183.1	115.1	151.7	293.0	388.5	382.0	362.3	353.2	336.2	327.0	321.8
72.5°	151.7	92.9	111.2	227.6	327.0	319.2	302.2	291.7	277.3	269.5	264.2
75°	123.0	98.1	85.0	168.7	265.5	260.3	244.6	234.1	222.4	211.9	213.2
77.5°	90.3	91.6	68.0	124.3	210.6	202.7	193.6	180.5	175.3	164.8	164.8
80°	68.0	71.9	51.0	85.0	151.7	151.7	143.9	134.7	125.6	120.3	120.3
82.5°	45.8	45.8	37.9	53.6	103.3	99.4	94.2	91.6	86.3	83.7	83.7
85°	20.9	26.2	23.5	32.7	56.2	58.9	58.9	56.2	54.9	52.3	53.6
87.5°	6.5	11.8	14.4	18.3	28.8	30.1	31.4	31.4	31.4	32.7	32.7
90°	6.8	12.2	17.6	18.9	29.7	44.2	51.5	45.7	34.3	25.7	25.7
92.5°	27.1	73.2	119.2	130.7	183.7	254.5	289.9	254.0	182.4	128.7	123.6
95°	65.1	149.3	233.5	254.6	452.1	715.6	847.3	756.1	573.6	436.8	421.3
97.5°	112.4	186.7	261.1	279.7	609.0	1048.3	1267.9	1210.2	1094.9	1008.4	978.9
100°	149.0	216.4	283.8	300.7	666.1	1153.5	1397.2	1401.4	1409.8	1416.1	1381.0
102.5°	180.2	243.0	306.0	321.7	692.4	1186.6	1433.7	1507.1	1654.1	1764.2	1734.1
105°	233.0	286.3	339.5	352.8	711.8	1190.4	1429.7	1594.3	1923.6	2170.6	2154.4
107.5°	287.2	336.8	386.5	398.9	715.4	1137.4	1348.4	1578.1	2037.4	2381.9	2385.8
110°	323.7	368.5	413.3	424.6	709.9	1090.4	1280.7	1537.4	2050.9	2436.1	2452.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	359.6	402.4	445.1	455.8	710.2	1049.4	1219.0	1481.8	2007.3	2401.5	2427.4
115°	413.8	453.2	492.7	502.6	716.8	1002.4	1145.2	1398.4	1904.7	2284.4	2320.3
117.5°	467.3	503.2	538.9	547.9	730.1	972.9	1094.4	1322.9	1779.8	2122.5	2162.3
120°	498.5	532.2	565.9	574.3	740.9	963.0	1074.1	1282.8	1700.3	2013.4	2052.2
122.5°	529.0	563.0	597.0	605.5	756.5	957.8	1058.6	1246.6	1622.5	1904.4	1942.5
125°	575.6	606.7	637.6	645.4	777.5	953.6	1041.6	1201.3	1520.7	1760.2	1795.3
127.5°	613.6	644.9	676.2	684.0	798.5	951.1	1027.4	1164.5	1438.8	1644.4	1674.0
130°	633.9	667.6	701.3	709.7	813.8	952.5	1021.9	1144.0	1388.1	1571.2	1598.6
132.5°	654.9	688.6	722.3	730.8	826.3	953.6	1017.2	1126.5	1345.0	1508.9	1533.4
135°	686.0	716.7	747.4	755.1	839.8	952.7	1009.1	1100.6	1283.6	1420.9	1442.0
137.5°	717.9	748.3	778.7	786.3	860.1	958.5	1007.7	1085.1	1239.8	1355.8	1373.1
140°	744.3	772.3	800.3	807.2	872.5	959.5	1003.0	1069.8	1203.5	1303.7	1319.9
142.5°	764.6	790.5	816.4	822.9	882.9	963.0	1003.0	1061.7	1179.1	1267.2	1281.1
145°	795.7	818.3	840.9	846.6	896.5	963.0	996.2	1044.3	1140.3	1212.3	1222.9
147.5°	826.9	848.9	870.9	876.4	916.3	969.6	996.2	1034.0	1109.6	1166.3	1175.0
150°	847.3	867.2	886.9	891.9	926.7	973.0	996.2	1028.1	1092.0	1139.8	1146.9
152.5°	868.2	883.3	898.4	902.1	933.5	975.3	996.2	1023.4	1077.9	1118.8	1124.1
155°	899.4	910.6	921.7	924.4	948.3	980.3	996.2	1017.9	1061.3	1093.8	1097.4
157.5°	922.4	933.3	944.1	946.8	963.2	985.2	996.2	1013.0	1046.8	1072.1	1074.5
160°	938.0	946.4	954.9	957.0	970.1	987.5	996.2	1010.7	1039.6	1061.3	1062.7
162.5°	953.6	959.8	966.2	967.8	977.3	989.9	996.2	1008.4	1032.7	1051.1	1052.5
165°	970.5	976.2	982.0	983.4	987.7	993.3	996.2	1004.9	1022.5	1035.5	1036.9
167.5°	986.1	988.8	991.5	992.2	995.8	1000.6	1003.0	1008.8	1020.2	1028.7	1029.3
170°	996.2	998.9	1001.6	1002.3	1002.6	1002.8	1003.0	1008.8	1020.2	1028.7	1028.7
172.5°	1001.6	1002.2	1002.8	1003.0	1003.0	1003.0	1003.0	1007.5	1016.5	1023.3	1022.8
175°	1009.1	1009.1	1009.1	1009.1	1007.1	1004.4	1003.0	1005.9	1011.6	1015.9	1015.9
177.5°	1009.1	1009.1	1009.1	1009.1	1007.5	1005.4	1004.3	1006.6	1011.1	1014.5	1013.9
180°	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6
2.5°	1417.9	1414.0	1417.9	1415.3	1416.6	1412.7	1400.9	1397.0	1400.9	1404.8	1404.8
5°	1434.9	1432.3	1434.9	1434.9	1433.6	1431.0	1417.9	1415.3	1417.9	1419.2	1416.6
7.5°	1440.2	1436.2	1440.2	1437.5	1437.5	1434.9	1421.9	1419.2	1420.5	1424.5	1420.5
10°	1440.2	1436.2	1440.2	1438.9	1437.5	1434.9	1421.9	1416.6	1416.6	1420.5	1416.6
12.5°	1433.6	1431.0	1433.6	1431.0	1431.0	1428.4	1415.3	1410.1	1411.4	1412.7	1407.5
15°	1423.2	1419.2	1423.2	1420.5	1421.9	1417.9	1403.5	1398.3	1398.3	1400.9	1391.8
17.5°	1407.5	1402.2	1407.5	1406.2	1404.8	1402.2	1389.2	1383.9	1382.6	1383.9	1377.4
20°	1389.2	1385.2	1389.2	1387.8	1387.8	1382.6	1369.5	1363.0	1363.0	1363.0	1356.4
22.5°	1360.4	1356.4	1360.4	1363.0	1363.0	1361.7	1349.9	1340.8	1338.1	1338.1	1330.3
25°	1327.7	1323.7	1327.7	1327.7	1326.4	1327.7	1323.7	1318.5	1314.6	1310.7	1302.8
27.5°	1296.3	1293.7	1296.3	1293.7	1296.3	1292.4	1291.0	1289.7	1284.5	1280.6	1270.1
30°	1264.9	1262.3	1264.9	1262.3	1259.7	1257.0	1250.5	1247.9	1253.1	1250.5	1233.5
32.5°	1225.6	1223.0	1225.6	1225.6	1223.0	1223.0	1212.6	1208.6	1209.9	1217.8	1202.1
35°	1185.1	1181.2	1185.1	1183.8	1185.1	1181.2	1174.6	1173.3	1168.1	1177.2	1165.5
37.5°	1138.0	1134.1	1138.0	1138.0	1138.0	1140.6	1135.4	1131.5	1123.6	1135.4	1126.2
40°	1089.6	1084.4	1089.6	1088.3	1089.6	1092.2	1089.6	1087.0	1079.1	1088.3	1080.5
42.5°	1034.7	1033.4	1034.7	1036.0	1036.0	1041.2	1045.1	1039.9	1037.3	1030.7	1036.0
45°	975.8	973.2	975.8	978.4	979.7	982.3	994.1	994.1	990.2	979.7	987.6
47.5°	913.0	906.5	913.0	920.9	920.9	924.8	936.6	945.7	939.2	926.1	930.0
50°	846.3	847.6	846.3	851.5	851.5	865.9	875.1	884.2	890.8	875.1	856.8
52.5°	780.9	779.6	780.9	784.8	790.1	796.6	812.3	821.5	831.9	822.8	794.0
55°	715.5	718.1	715.5	716.8	719.4	723.4	746.9	756.1	775.7	763.9	733.8
57.5°	650.1	646.2	650.1	652.7	654.0	657.9	677.6	694.6	706.3	707.7	671.0
60°	574.2	569.0	574.2	586.0	588.6	591.2	609.6	625.2	635.7	639.6	601.7
62.5°	507.5	498.4	507.5	515.4	520.6	527.1	540.2	563.8	572.9	574.2	520.6
65°	436.9	433.0	436.9	452.6	453.9	461.7	476.1	493.1	512.8	510.1	433.0
67.5°	372.8	372.8	372.8	383.3	391.1	395.0	413.3	421.2	446.0	448.7	361.0
70°	313.9	312.6	313.9	321.8	327.0	336.2	353.2	362.3	382.0	388.5	293.0
72.5°	257.7	256.4	257.7	264.2	269.5	277.3	291.7	302.2	319.2	327.0	227.6
75°	208.0	205.4	208.0	213.2	211.9	222.4	234.1	244.6	260.3	265.5	168.7
77.5°	159.6	159.6	159.6	164.8	164.8	175.3	180.5	193.6	202.7	210.6	124.3
80°	119.0	117.7	119.0	120.3	120.3	125.6	134.7	143.9	151.7	151.7	85.0
82.5°	83.7	81.1	83.7	83.7	83.7	86.3	91.6	94.2	99.4	103.3	53.6
85°	52.3	52.3	52.3	53.6	52.3	54.9	56.2	58.9	58.9	56.2	32.7
87.5°	34.0	32.7	34.0	32.7	32.7	31.4	31.4	31.4	30.1	28.8	18.3
90°	25.7	25.7	25.7	25.7	25.7	34.3	45.7	51.5	44.2	29.7	18.9
92.5°	103.1	82.6	103.1	123.6	128.7	182.4	254.0	289.9	254.5	183.7	130.7
95°	359.3	297.3	359.3	421.3	436.8	573.6	756.1	847.3	715.6	452.1	254.6
97.5°	861.0	743.0	861.0	978.9	1008.4	1094.9	1210.2	1267.9	1048.3	609.0	279.7
100°	1240.5	1099.9	1240.5	1381.0	1416.1	1409.8	1401.4	1397.2	1153.5	666.1	300.7
102.5°	1613.7	1493.4	1613.7	1734.1	1764.2	1654.1	1507.1	1433.7	1186.6	692.4	321.7
105°	2089.7	2025.0	2089.7	2154.4	2170.6	1923.6	1594.3	1429.7	1190.4	711.8	352.8
107.5°	2401.4	2417.1	2401.4	2385.8	2381.9	2037.4	1578.1	1348.4	1137.4	715.4	398.9
110°	2520.4	2587.8	2520.4	2452.9	2436.1	2050.9	1537.4	1280.7	1090.4	709.9	424.6



TEST NUMBER: P935538

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2530.9	2634.5	2530.9	2427.4	2401.5	2007.3	1481.8	1219.0	1049.4	710.2	455.8
115°	2463.8	2607.4	2463.8	2320.3	2284.4	1904.7	1398.4	1145.2	1002.4	716.8	502.6
117.5°	2321.5	2480.8	2321.5	2162.3	2122.5	1779.8	1322.9	1094.4	972.9	730.1	547.9
120°	2206.9	2361.6	2206.9	2052.2	2013.4	1700.3	1282.8	1074.1	963.0	740.9	574.3
122.5°	2095.1	2247.8	2095.1	1942.5	1904.4	1622.5	1246.6	1058.6	957.8	756.5	605.5
125°	1935.9	2076.5	1935.9	1795.3	1760.2	1520.7	1201.3	1041.6	953.6	777.5	645.4
127.5°	1792.6	1911.2	1792.6	1674.0	1644.4	1438.8	1164.5	1027.4	951.1	798.5	684.0
130°	1708.2	1817.8	1708.2	1598.6	1571.2	1388.1	1144.0	1021.9	952.5	813.8	709.7
132.5°	1631.6	1729.7	1631.6	1533.4	1508.9	1345.0	1126.5	1017.2	953.6	826.3	730.8
135°	1526.6	1611.2	1526.6	1442.0	1420.9	1283.6	1100.6	1009.1	952.7	839.8	755.1
137.5°	1442.3	1511.6	1442.3	1373.1	1355.8	1239.8	1085.1	1007.7	958.5	860.1	786.3
140°	1384.6	1449.3	1384.6	1319.9	1303.7	1203.5	1069.8	1003.0	959.5	872.5	807.2
142.5°	1336.7	1392.5	1336.7	1281.1	1267.2	1179.1	1061.7	1003.0	963.0	882.9	822.9
145°	1265.0	1307.1	1265.0	1222.9	1212.3	1140.3	1044.3	996.2	963.0	896.5	846.6
147.5°	1209.9	1244.8	1209.9	1175.0	1166.3	1109.6	1034.0	996.2	969.6	916.3	876.4
150°	1175.2	1203.5	1175.2	1146.9	1139.8	1092.0	1028.1	996.2	973.0	926.7	891.9
152.5°	1145.5	1166.9	1145.5	1124.1	1118.8	1077.9	1023.4	996.2	975.3	933.5	902.1
155°	1111.5	1125.6	1111.5	1097.4	1093.8	1061.3	1017.9	996.2	980.3	948.3	924.4
157.5°	1084.5	1094.4	1084.5	1074.5	1072.1	1046.8	1013.0	996.2	985.2	963.2	946.8
160°	1068.4	1074.1	1068.4	1062.7	1061.3	1039.6	1010.7	996.2	987.5	970.1	957.0
162.5°	1057.9	1063.3	1057.9	1052.5	1051.1	1032.7	1008.4	996.2	989.9	977.3	967.8
165°	1042.7	1048.4	1042.7	1036.9	1035.5	1022.5	1004.9	996.2	993.3	987.7	983.4
167.5°	1031.7	1034.1	1031.7	1029.3	1028.7	1020.2	1008.8	1003.0	1000.6	995.8	992.2
170°	1028.7	1028.7	1028.7	1028.7	1028.7	1020.2	1008.8	1003.0	1002.8	1002.6	1002.3
172.5°	1020.7	1018.6	1020.7	1022.8	1023.3	1016.5	1007.5	1003.0	1003.0	1003.0	1003.0
175°	1015.9	1015.9	1015.9	1015.9	1015.9	1011.6	1005.9	1003.0	1004.4	1007.1	1009.1
177.5°	1011.6	1009.1	1011.6	1013.9	1014.5	1011.1	1006.6	1004.3	1005.4	1007.5	1009.1
180°	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1



TEST NUMBER: P935538

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6
2.5°	1402.2	1394.4	1394.4	1381.3	1376.1	1372.1	1365.6	1346.0	1340.8	1335.5	1343.4
5°	1414.0	1399.6	1389.2	1365.6	1346.0	1338.1	1313.3	1266.2	1234.8	1211.3	1198.2
7.5°	1416.6	1398.3	1378.7	1342.1	1295.0	1274.0	1198.2	1111.8	1088.3	1067.4	1054.3
10°	1414.0	1393.1	1365.6	1310.7	1199.5	1162.9	1087.0	1030.7	1016.4	1012.4	1016.4
12.5°	1404.8	1385.2	1347.3	1255.7	1100.1	1075.2	1030.7	998.0	995.4	1002.0	1037.3
15°	1389.2	1370.8	1326.4	1182.5	1045.1	1026.8	995.4	983.7	998.0	1043.8	1149.8
17.5°	1373.5	1352.5	1297.6	1110.5	1003.3	990.2	968.0	991.5	1072.6	1134.1	1169.4
20°	1352.5	1327.7	1264.9	1058.2	973.2	961.4	951.0	1056.9	1118.4	1140.6	1160.2
22.5°	1327.7	1301.5	1220.4	1021.6	941.8	932.6	939.2	1093.5	1118.4	1134.1	1151.1
25°	1295.0	1272.7	1168.1	992.8	916.9	906.5	931.3	1089.6	1104.0	1107.9	1141.9
27.5°	1264.9	1236.1	1113.2	966.6	886.9	882.9	937.9	1072.6	1083.1	1087.0	1123.6
30°	1228.3	1185.1	1051.7	939.2	855.5	854.2	939.2	1051.7	1049.1	1059.5	1096.1
32.5°	1190.3	1109.2	982.3	905.2	825.4	824.1	930.0	1020.3	1017.7	1032.1	1059.5
35°	1155.0	1050.4	888.2	865.9	787.4	788.8	907.8	983.7	985.0	998.0	1015.0
37.5°	1118.4	999.4	784.8	822.8	750.8	750.8	877.7	949.6	947.0	951.0	974.5
40°	1075.2	919.6	693.3	766.5	716.8	712.9	841.1	913.0	903.9	902.6	935.3
42.5°	1029.4	831.9	625.2	692.0	677.6	672.3	796.6	868.5	851.5	855.5	897.3
45°	979.7	808.4	572.9	584.7	637.0	633.1	748.2	817.5	805.8	816.2	859.4
47.5°	930.0	761.3	555.9	485.3	593.9	592.5	694.6	767.8	761.3	771.8	817.5
50°	862.0	709.0	554.6	416.0	545.5	550.7	630.5	719.4	719.4	728.6	777.0
52.5°	774.4	644.9	503.6	376.7	489.2	504.9	574.2	677.6	680.2	689.3	732.5
55°	694.6	578.2	467.0	346.6	422.5	456.5	519.3	634.4	639.6	648.8	688.0
57.5°	621.3	481.4	459.1	311.3	361.0	393.7	470.9	592.5	595.2	603.0	640.9
60°	542.8	347.9	421.2	273.4	307.4	332.2	426.4	542.8	552.0	557.2	589.9
62.5°	453.9	252.5	382.0	247.2	281.2	286.5	389.8	495.8	507.5	511.4	531.1
65°	323.1	211.9	324.4	225.0	253.8	255.1	350.6	447.4	457.8	464.4	478.7
67.5°	218.4	172.7	247.2	204.1	232.8	234.1	312.6	391.1	405.5	410.7	419.9
70°	151.7	115.1	183.1	181.8	209.3	211.9	272.1	340.1	353.2	357.1	362.3
72.5°	111.2	92.9	151.7	163.5	184.4	187.1	230.2	282.5	295.6	299.5	302.2
75°	85.0	98.1	123.0	142.6	157.0	158.3	188.4	230.2	239.4	242.0	243.3
77.5°	68.0	91.6	90.3	115.1	128.2	125.6	147.8	177.9	185.7	185.7	185.7
80°	51.0	71.9	68.0	82.4	94.2	91.6	106.0	126.9	129.5	132.1	130.8
82.5°	37.9	45.8	45.8	52.3	62.8	60.2	70.6	82.4	82.4	82.4	85.0
85°	23.5	26.2	20.9	27.5	35.3	34.0	39.2	44.5	45.8	45.8	43.2
87.5°	14.4	11.8	6.5	10.5	15.7	15.7	18.3	19.6	18.3	18.3	18.3
90°	17.6	12.2	6.8	12.2	17.6	18.9	29.7	44.2	51.5	45.7	34.3
92.5°	119.2	73.2	27.1	73.2	119.2	130.7	183.7	254.5	289.9	254.0	182.4
95°	233.5	149.3	65.1	149.3	233.5	254.6	452.1	715.6	847.3	756.1	573.6
97.5°	261.1	186.7	112.4	186.7	261.1	279.7	609.0	1048.3	1267.9	1210.2	1094.9
100°	283.8	216.4	149.0	216.4	283.8	300.7	666.1	1153.5	1397.2	1401.4	1409.8
102.5°	306.0	243.0	180.2	243.0	306.0	321.7	692.4	1186.6	1433.7	1507.1	1654.1
105°	339.5	286.3	233.0	286.3	339.5	352.8	711.8	1190.4	1429.7	1594.3	1923.6
107.5°	386.5	336.8	287.2	336.8	386.5	398.9	715.4	1137.4	1348.4	1578.1	2037.4
110°	413.3	368.5	323.7	368.5	413.3	424.6	709.9	1090.4	1280.7	1537.4	2050.9



TEST NUMBER: P935538

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	445.1	402.4	359.6	402.4	445.1	455.8	710.2	1049.4	1219.0	1481.8	2007.3
115°	492.7	453.2	413.8	453.2	492.7	502.6	716.8	1002.4	1145.2	1398.4	1904.7
117.5°	538.9	503.2	467.3	503.2	538.9	547.9	730.1	972.9	1094.4	1322.9	1779.8
120°	565.9	532.2	498.5	532.2	565.9	574.3	740.9	963.0	1074.1	1282.8	1700.3
122.5°	597.0	563.0	529.0	563.0	597.0	605.5	756.5	957.8	1058.6	1246.6	1622.5
125°	637.6	606.7	575.6	606.7	637.6	645.4	777.5	953.6	1041.6	1201.3	1520.7
127.5°	676.2	644.9	613.6	644.9	676.2	684.0	798.5	951.1	1027.4	1164.5	1438.8
130°	701.3	667.6	633.9	667.6	701.3	709.7	813.8	952.5	1021.9	1144.0	1388.1
132.5°	722.3	688.6	654.9	688.6	722.3	730.8	826.3	953.6	1017.2	1126.5	1345.0
135°	747.4	716.7	686.0	716.7	747.4	755.1	839.8	952.7	1009.1	1100.6	1283.6
137.5°	778.7	748.3	717.9	748.3	778.7	786.3	860.1	958.5	1007.7	1085.1	1239.8
140°	800.3	772.3	744.3	772.3	800.3	807.2	872.5	959.5	1003.0	1069.8	1203.5
142.5°	816.4	790.5	764.6	790.5	816.4	822.9	882.9	963.0	1003.0	1061.7	1179.1
145°	840.9	818.3	795.7	818.3	840.9	846.6	896.5	963.0	996.2	1044.3	1140.3
147.5°	870.9	848.9	826.9	848.9	870.9	876.4	916.3	969.6	996.2	1034.0	1109.6
150°	886.9	867.2	847.3	867.2	886.9	891.9	926.7	973.0	996.2	1028.1	1092.0
152.5°	898.4	883.3	868.2	883.3	898.4	902.1	933.5	975.3	996.2	1023.4	1077.9
155°	921.7	910.6	899.4	910.6	921.7	924.4	948.3	980.3	996.2	1017.9	1061.3
157.5°	944.1	933.3	922.4	933.3	944.1	946.8	963.2	985.2	996.2	1013.0	1046.8
160°	954.9	946.4	938.0	946.4	954.9	957.0	970.1	987.5	996.2	1010.7	1039.6
162.5°	966.2	959.8	953.6	959.8	966.2	967.8	977.3	989.9	996.2	1008.4	1032.7
165°	982.0	976.2	970.5	976.2	982.0	983.4	987.7	993.3	996.2	1004.9	1022.5
167.5°	991.5	988.8	986.1	988.8	991.5	992.2	995.8	1000.6	1003.0	1008.8	1020.2
170°	1001.6	998.9	996.2	998.9	1001.6	1002.3	1002.6	1002.8	1003.0	1008.8	1020.2
172.5°	1002.8	1002.2	1001.6	1002.2	1002.8	1003.0	1003.0	1003.0	1003.0	1007.5	1016.5
175°	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1007.1	1004.4	1003.0	1005.9	1011.6
177.5°	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1007.5	1005.4	1004.3	1006.6	1011.1
180°	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1



TEST NUMBER: P935538

CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6	1382.6
2.5°	1334.2	1330.3	1335.5	1321.1	1335.5	1330.3	1334.2	1343.4	1335.5	1340.8	1346.0
5°	1170.7	1164.2	1143.2	1126.2	1143.2	1164.2	1170.7	1198.2	1211.3	1234.8	1266.2
7.5°	1046.4	1041.2	1036.0	1025.5	1036.0	1041.2	1046.4	1054.3	1067.4	1088.3	1111.8
10°	1019.0	1020.3	1028.1	1026.8	1028.1	1020.3	1019.0	1016.4	1012.4	1016.4	1030.7
12.5°	1089.6	1101.4	1144.5	1141.9	1144.5	1101.4	1089.6	1037.3	1002.0	995.4	998.0
15°	1170.7	1174.6	1183.8	1185.1	1183.8	1174.6	1170.7	1149.8	1043.8	998.0	983.7
17.5°	1178.6	1179.9	1186.4	1186.4	1186.4	1179.9	1178.6	1169.4	1134.1	1072.6	991.5
20°	1172.0	1174.6	1187.7	1190.3	1187.7	1174.6	1172.0	1160.2	1140.6	1118.4	1056.9
22.5°	1169.4	1174.6	1185.1	1183.8	1185.1	1174.6	1169.4	1151.1	1134.1	1118.4	1093.5
25°	1156.3	1156.3	1157.6	1158.9	1157.6	1156.3	1156.3	1141.9	1107.9	1104.0	1089.6
27.5°	1128.8	1131.5	1139.3	1138.0	1139.3	1131.5	1128.8	1123.6	1087.0	1083.1	1072.6
30°	1104.0	1101.4	1094.8	1089.6	1094.8	1101.4	1104.0	1096.1	1059.5	1049.1	1051.7
32.5°	1062.1	1055.6	1049.1	1045.1	1049.1	1055.6	1062.1	1059.5	1032.1	1017.7	1020.3
35°	1012.4	1013.7	1012.4	1008.5	1012.4	1013.7	1012.4	1015.0	998.0	985.0	983.7
37.5°	977.1	979.7	978.4	973.2	978.4	979.7	977.1	974.5	951.0	947.0	949.6
40°	940.5	941.8	940.5	936.6	940.5	941.8	940.5	935.3	902.6	903.9	913.0
42.5°	905.2	903.9	899.9	897.3	899.9	903.9	905.2	897.3	855.5	851.5	868.5
45°	864.6	865.9	858.1	854.2	858.1	865.9	864.6	859.4	816.2	805.8	817.5
47.5°	824.1	824.1	817.5	813.6	817.5	824.1	824.1	817.5	771.8	761.3	767.8
50°	780.9	779.6	770.4	769.1	770.4	779.6	780.9	777.0	728.6	719.4	719.4
52.5°	731.2	731.2	732.5	735.1	732.5	731.2	731.2	732.5	689.3	680.2	677.6
55°	688.0	689.3	698.5	701.1	698.5	689.3	688.0	688.0	648.8	639.6	634.4
57.5°	643.6	643.6	650.1	650.1	650.1	643.6	643.6	640.9	603.0	595.2	592.5
60°	592.5	595.2	600.4	599.1	600.4	595.2	592.5	589.9	557.2	552.0	542.8
62.5°	538.9	541.5	542.8	540.2	542.8	541.5	538.9	531.1	511.4	507.5	495.8
65°	482.7	485.3	486.6	484.0	486.6	485.3	482.7	478.7	464.4	457.8	447.4
67.5°	425.1	423.8	422.5	427.7	422.5	423.8	425.1	419.9	410.7	405.5	391.1
70°	366.3	366.3	364.9	367.6	364.9	366.3	366.3	362.3	357.1	353.2	340.1
72.5°	303.5	302.2	307.4	303.5	307.4	302.2	303.5	302.2	299.5	295.6	282.5
75°	242.0	244.6	242.0	245.9	242.0	244.6	242.0	243.3	242.0	239.4	230.2
77.5°	184.4	187.1	184.4	184.4	184.4	187.1	184.4	185.7	185.7	185.7	177.9
80°	130.8	129.5	129.5	128.2	129.5	129.5	130.8	130.8	132.1	129.5	126.9
82.5°	83.7	82.4	82.4	85.0	82.4	82.4	83.7	85.0	82.4	82.4	82.4
85°	45.8	47.1	44.5	44.5	44.5	47.1	45.8	43.2	45.8	45.8	44.5
87.5°	17.0	15.7	15.7	15.7	15.7	15.7	17.0	18.3	18.3	18.3	19.6
90°	25.7	25.7	25.7	25.7	25.7	25.7	25.7	34.3	45.7	51.5	44.2
92.5°	128.7	123.6	103.1	82.6	103.1	123.6	128.7	182.4	254.0	289.9	254.5
95°	436.8	421.3	359.3	297.3	359.3	421.3	436.8	573.6	756.1	847.3	715.6
97.5°	1008.4	978.9	861.0	743.0	861.0	978.9	1008.4	1094.9	1210.2	1267.9	1048.3
100°	1416.1	1381.0	1240.5	1099.9	1240.5	1381.0	1416.1	1409.8	1401.4	1397.2	1153.5
102.5°	1764.2	1734.1	1613.7	1493.4	1613.7	1734.1	1764.2	1654.1	1507.1	1433.7	1186.6
105°	2170.6	2154.4	2089.7	2025.0	2089.7	2154.4	2170.6	1923.6	1594.3	1429.7	1190.4
107.5°	2381.9	2385.8	2401.4	2417.1	2401.4	2385.8	2381.9	2037.4	1578.1	1348.4	1137.4
110°	2436.1	2452.9	2520.4	2587.8	2520.4	2452.9	2436.1	2050.9	1537.4	1280.7	1090.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2401.5	2427.4	2530.9	2634.5	2530.9	2427.4	2401.5	2007.3	1481.8	1219.0	1049.4
115°	2284.4	2320.3	2463.8	2607.4	2463.8	2320.3	2284.4	1904.7	1398.4	1145.2	1002.4
117.5°	2122.5	2162.3	2321.5	2480.8	2321.5	2162.3	2122.5	1779.8	1322.9	1094.4	972.9
120°	2013.4	2052.2	2206.9	2361.6	2206.9	2052.2	2013.4	1700.3	1282.8	1074.1	963.0
122.5°	1904.4	1942.5	2095.1	2247.8	2095.1	1942.5	1904.4	1622.5	1246.6	1058.6	957.8
125°	1760.2	1795.3	1935.9	2076.5	1935.9	1795.3	1760.2	1520.7	1201.3	1041.6	953.6
127.5°	1644.4	1674.0	1792.6	1911.2	1792.6	1674.0	1644.4	1438.8	1164.5	1027.4	951.1
130°	1571.2	1598.6	1708.2	1817.8	1708.2	1598.6	1571.2	1388.1	1144.0	1021.9	952.5
132.5°	1508.9	1533.4	1631.6	1729.7	1631.6	1533.4	1508.9	1345.0	1126.5	1017.2	953.6
135°	1420.9	1442.0	1526.6	1611.2	1526.6	1442.0	1420.9	1283.6	1100.6	1009.1	952.7
137.5°	1355.8	1373.1	1442.3	1511.6	1442.3	1373.1	1355.8	1239.8	1085.1	1007.7	958.5
140°	1303.7	1319.9	1384.6	1449.3	1384.6	1319.9	1303.7	1203.5	1069.8	1003.0	959.5
142.5°	1267.2	1281.1	1336.7	1392.5	1336.7	1281.1	1267.2	1179.1	1061.7	1003.0	963.0
145°	1212.3	1222.9	1265.0	1307.1	1265.0	1222.9	1212.3	1140.3	1044.3	996.2	963.0
147.5°	1166.3	1175.0	1209.9	1244.8	1209.9	1175.0	1166.3	1109.6	1034.0	996.2	969.6
150°	1139.8	1146.9	1175.2	1203.5	1175.2	1146.9	1139.8	1092.0	1028.1	996.2	973.0
152.5°	1118.8	1124.1	1145.5	1166.9	1145.5	1124.1	1118.8	1077.9	1023.4	996.2	975.3
155°	1093.8	1097.4	1111.5	1125.6	1111.5	1097.4	1093.8	1061.3	1017.9	996.2	980.3
157.5°	1072.1	1074.5	1084.5	1094.4	1084.5	1074.5	1072.1	1046.8	1013.0	996.2	985.2
160°	1061.3	1062.7	1068.4	1074.1	1068.4	1062.7	1061.3	1039.6	1010.7	996.2	987.5
162.5°	1051.1	1052.5	1057.9	1063.3	1057.9	1052.5	1051.1	1032.7	1008.4	996.2	989.9
165°	1035.5	1036.9	1042.7	1048.4	1042.7	1036.9	1035.5	1022.5	1004.9	996.2	993.3
167.5°	1028.7	1029.3	1031.7	1034.1	1031.7	1029.3	1028.7	1020.2	1008.8	1003.0	1000.6
170°	1028.7	1028.7	1028.7	1028.7	1028.7	1028.7	1028.7	1020.2	1008.8	1003.0	1002.8
172.5°	1023.3	1022.8	1020.7	1018.6	1020.7	1022.8	1023.3	1016.5	1007.5	1003.0	1003.0
175°	1015.9	1015.9	1015.9	1015.9	1015.9	1015.9	1015.9	1011.6	1005.9	1003.0	1004.4
177.5°	1014.5	1013.9	1011.6	1009.1	1011.6	1013.9	1014.5	1011.1	1006.6	1004.3	1005.4
180°	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1	1009.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1382.6	1382.6	1382.6	1382.6	1382.6
2.5°	1365.6	1372.1	1376.1	1381.3	1394.4
5°	1313.3	1338.1	1346.0	1365.6	1389.2
7.5°	1198.2	1274.0	1295.0	1342.1	1378.7
10°	1087.0	1162.9	1199.5	1310.7	1365.6
12.5°	1030.7	1075.2	1100.1	1255.7	1347.3
15°	995.4	1026.8	1045.1	1182.5	1326.4
17.5°	968.0	990.2	1003.3	1110.5	1297.6
20°	951.0	961.4	973.2	1058.2	1264.9
22.5°	939.2	932.6	941.8	1021.6	1220.4
25°	931.3	906.5	916.9	992.8	1168.1
27.5°	937.9	882.9	886.9	966.6	1113.2
30°	939.2	854.2	855.5	939.2	1051.7
32.5°	930.0	824.1	825.4	905.2	982.3
35°	907.8	788.8	787.4	865.9	888.2
37.5°	877.7	750.8	750.8	822.8	784.8
40°	841.1	712.9	716.8	766.5	693.3
42.5°	796.6	672.3	677.6	692.0	625.2
45°	748.2	633.1	637.0	584.7	572.9
47.5°	694.6	592.5	593.9	485.3	555.9
50°	630.5	550.7	545.5	416.0	554.6
52.5°	574.2	504.9	489.2	376.7	503.6
55°	519.3	456.5	422.5	346.6	467.0
57.5°	470.9	393.7	361.0	311.3	459.1
60°	426.4	332.2	307.4	273.4	421.2
62.5°	389.8	286.5	281.2	247.2	382.0
65°	350.6	255.1	253.8	225.0	324.4
67.5°	312.6	234.1	232.8	204.1	247.2
70°	272.1	211.9	209.3	181.8	183.1
72.5°	230.2	187.1	184.4	163.5	151.7
75°	188.4	158.3	157.0	142.6	123.0
77.5°	147.8	125.6	128.2	115.1	90.3
80°	106.0	91.6	94.2	82.4	68.0
82.5°	70.6	60.2	62.8	52.3	45.8
85°	39.2	34.0	35.3	27.5	20.9
87.5°	18.3	15.7	15.7	10.5	6.5
90°	29.7	18.9	17.6	12.2	6.8
92.5°	183.7	130.7	119.2	73.2	27.1
95°	452.1	254.6	233.5	149.3	65.1
97.5°	609.0	279.7	261.1	186.7	112.4
100°	666.1	300.7	283.8	216.4	149.0
102.5°	692.4	321.7	306.0	243.0	180.2
105°	711.8	352.8	339.5	286.3	233.0
107.5°	715.4	398.9	386.5	336.8	287.2
110°	709.9	424.6	413.3	368.5	323.7



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CATALOG NUMBER: SQ4-FA-125U-075D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	710.2	455.8	445.1	402.4	359.6
115°	716.8	502.6	492.7	453.2	413.8
117.5°	730.1	547.9	538.9	503.2	467.3
120°	740.9	574.3	565.9	532.2	498.5
122.5°	756.5	605.5	597.0	563.0	529.0
125°	777.5	645.4	637.6	606.7	575.6
127.5°	798.5	684.0	676.2	644.9	613.6
130°	813.8	709.7	701.3	667.6	633.9
132.5°	826.3	730.8	722.3	688.6	654.9
135°	839.8	755.1	747.4	716.7	686.0
137.5°	860.1	786.3	778.7	748.3	717.9
140°	872.5	807.2	800.3	772.3	744.3
142.5°	882.9	822.9	816.4	790.5	764.6
145°	896.5	846.6	840.9	818.3	795.7
147.5°	916.3	876.4	870.9	848.9	826.9
150°	926.7	891.9	886.9	867.2	847.3
152.5°	933.5	902.1	898.4	883.3	868.2
155°	948.3	924.4	921.7	910.6	899.4
157.5°	963.2	946.8	944.1	933.3	922.4
160°	970.1	957.0	954.9	946.4	938.0
162.5°	977.3	967.8	966.2	959.8	953.6
165°	987.7	983.4	982.0	976.2	970.5
167.5°	995.8	992.2	991.5	988.8	986.1
170°	1002.6	1002.3	1001.6	998.9	996.2
172.5°	1003.0	1003.0	1002.8	1002.2	1001.6
175°	1007.1	1009.1	1009.1	1009.1	1009.1
177.5°	1007.5	1009.1	1009.1	1009.1	1009.1
180°	1009.1	1009.1	1009.1	1009.1	1009.1



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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	10.74	11.48	11.81	12.56	14.02	13.56	14.31	14.63	15.38	16.85
	3H	11.21	11.87	12.29	12.95	14.44	14.90	15.56	15.98	16.65	18.13
	4H	11.39	12.02	12.48	13.11	14.60	15.33	15.97	16.43	17.05	18.54
	6H	11.50	12.09	12.61	13.17	14.67	15.61	16.19	16.71	17.28	18.78
	8H	11.50	12.05	12.61	13.16	14.65	15.68	16.23	16.79	17.34	18.83
	12H	11.47	11.99	12.58	13.09	14.61	15.72	16.24	16.83	17.34	18.86
4H	2H	11.75	12.39	12.85	13.47	14.96	13.96	14.59	15.06	15.67	17.16
	3H	12.77	13.30	13.88	14.41	15.91	15.45	15.98	16.56	17.09	18.59
	4H	13.04	13.52	14.15	14.63	16.15	15.97	16.45	17.08	17.56	19.08
	6H	13.16	13.57	14.28	14.70	16.21	16.33	16.74	17.45	17.87	19.38
	8H	13.16	13.55	14.28	14.67	16.20	16.43	16.82	17.55	17.93	19.47
	12H	13.12	13.47	14.26	14.60	16.14	16.48	16.83	17.62	17.96	19.50
8H	4H	13.48	13.87	14.60	14.99	16.52	16.09	16.47	17.21	17.59	19.12
	6H	13.74	14.06	14.88	15.22	16.75	16.52	16.84	17.66	17.99	19.52
	8H	13.78	14.06	14.93	15.20	16.75	16.67	16.95	17.81	18.08	19.63
	12H	13.76	14.01	14.91	15.14	16.73	16.76	17.00	17.91	18.14	19.72
12H	4H	13.48	13.84	14.62	14.96	16.50	16.05	16.40	17.18	17.52	19.06
	6H	13.80	14.08	14.95	15.22	16.77	16.51	16.79	17.66	17.93	19.48
	8H	13.86	14.11	15.01	15.24	16.83	16.67	16.91	17.82	18.05	19.63