

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: P935863

Luminaire Tested: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935863
REPORT IS A COMBINATION OF REPORTS P933771 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

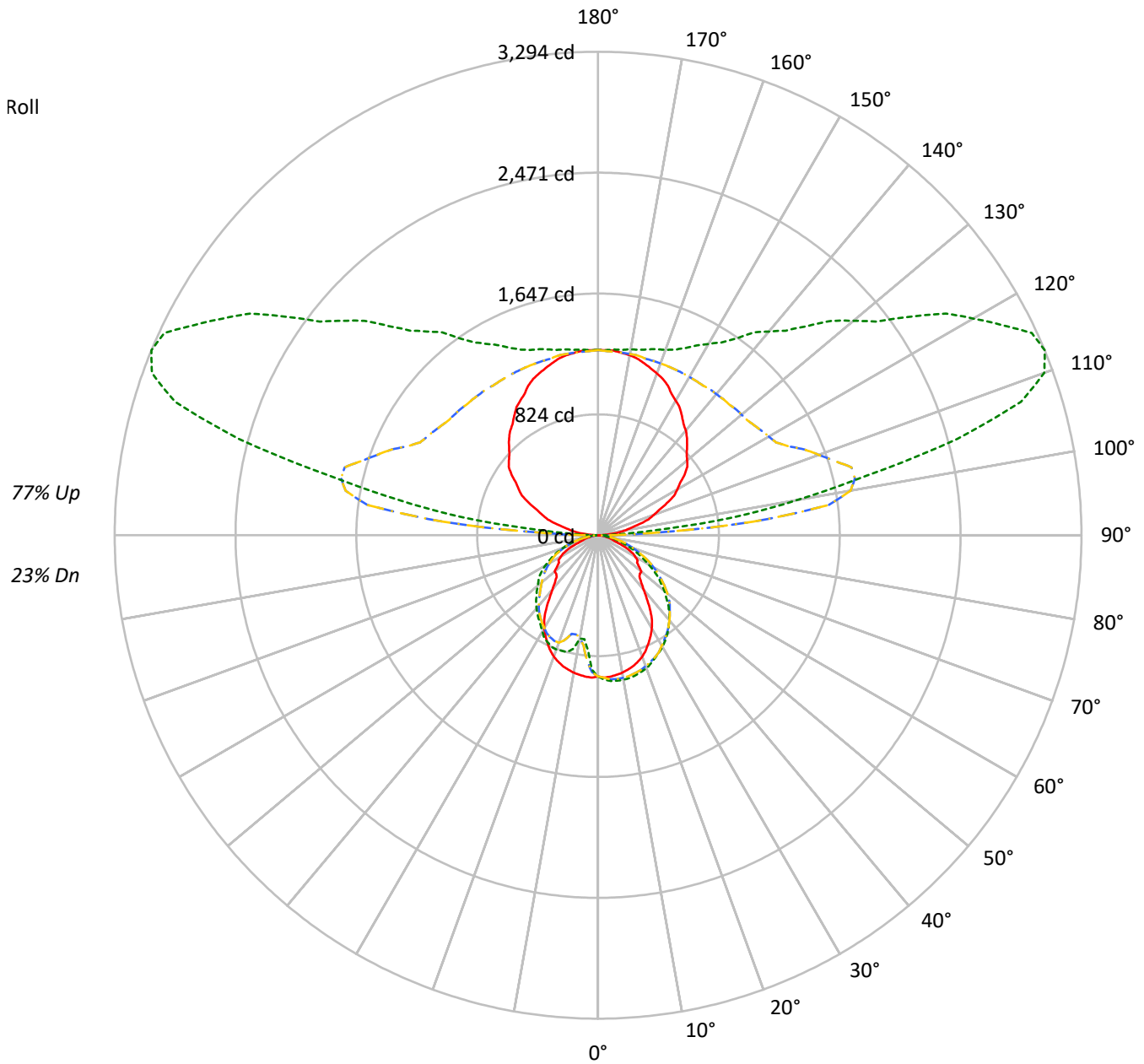
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10680.0 lumens
Efficiency: N/A
Efficacy: 128.1 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: 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

TEST NUMBER: P935863
CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-4000K

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	101	101	101	101	90	90	90	90	69	69	69	49	49	49	32	32	32	23
1	92	88	84	81	81	78	75	72	60	58	56	43	42	41	28	27	27	20
2	84	77	71	66	74	68	63	59	52	49	46	38	36	34	25	24	23	17
3	76	67	60	55	67	60	54	49	46	42	39	34	31	29	22	20	19	14
4	70	59	52	46	62	53	47	42	41	37	33	30	27	25	19	18	16	12
5	64	53	45	39	56	47	40	36	36	32	28	27	24	21	17	16	14	10
6	59	47	39	34	52	42	35	31	33	28	24	24	21	18	16	14	12	9
7	54	42	35	29	48	38	31	27	30	25	21	22	19	16	14	12	11	8
8	50	38	31	26	44	34	28	23	27	22	19	20	17	14	13	11	10	7
9	46	35	28	23	41	31	25	21	24	20	17	18	15	13	12	10	9	6
10	43	32	25	20	38	28	22	18	22	18	15	17	14	11	11	9	8	6

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5954	5954	5954	5954
5°	5996	6010	5996	4726
10°	5954	5920	5954	4233
15°	5888	5792	5888	4837
20°	5762	5640	5762	4847
25°	5507	5419	5507	4744
30°	5180	5235	5180	4519
35°	4615	5002	4615	4270
40°	3843	4728	3843	4084
45°	3432	4407	3432	3868
50°	3643	4025	3643	3652
55°	3424	3613	3424	3527
60°	3526	3068	3526	3230
65°	3191	2536	3191	2835
70°	2203	2021	2203	2377
75°	1926	1494	1926	1789
80°	1540	987	1540	1075
85°	870	523	870	445

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5263 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.9	0.8
10°-20°	246.7	2.3
20°-30°	381.3	3.6
30°-40°	455.2	4.3
40°-50°	457.9	4.3
50°-60°	398.4	3.7
60°-70°	282.5	2.6
70°-80°	149.4	1.4
80°-90°	42.0	0.4
90°-100°	615.1	5.8
100°-110°	1617.0	15.1
110°-120°	1676.7	15.7
120°-130°	1344.9	12.6
130°-140°	1055.3	9.9
140°-150°	810.0	7.6
150°-160°	583.3	5.5
160°-170°	356.9	3.3
170°-180°	120.6	1.1
0°-30°	714.9	6.7
0°-40°	1170.1	11.0
0°-60°	2026.4	19.0
0°-90°	2500.4	23.4
90°-120°	3908.8	36.6
90°-150°	7118.9	66.7
90°-180°	8180.0	76.6
0°-180°	10680.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	962	962	962	962	962	
5°	967	997	967	784	967	92
15°	923	988	923	825	923	260
25°	813	922	813	807	813	373
35°	618	822	618	702	618	383
45°	399	677	399	595	399	319
55°	325	500	325	488	325	299
65°	226	301	226	337	226	216
75°	86	143	86	171	86	90
85°	15	36	15	31	15	20
90°	8	32	8	32	8	8
95°	81	372	81	372	81	90
105°	291	2532	291	2532	291	309
115°	517	3260	517	3260	517	511
125°	720	2596	720	2596	720	639
135°	858	2015	858	2015	858	664
145°	995	1634	995	1634	995	623
155°	1125	1407	1125	1407	1125	517
165°	1214	1311	1214	1311	1214	342
175°	1262	1270	1262	1270	1262	120
180°	1262	1262	1262	1262	1262	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	962.5	962.5	962.5	962.5	962.5	962.5	962.5	962.5	962.5	962.5	962.5
2.5°	970.7	970.7	976.1	977.9	977.9	975.2	972.5	975.2	983.5	986.2	985.3
5°	967.0	974.3	984.4	986.2	988.0	987.1	985.3	987.1	996.1	998.0	998.9
7.5°	959.7	973.4	986.2	988.9	991.6	988.9	988.0	989.8	998.9	1000.7	1000.7
10°	950.6	969.8	984.4	986.2	988.9	986.2	986.2	989.8	998.9	1000.7	1001.7
12.5°	937.9	964.3	977.9	979.7	983.5	982.6	981.6	985.3	994.3	996.1	996.1
15°	923.4	954.3	967.0	968.9	975.2	973.4	973.4	977.0	987.1	989.8	988.9
17.5°	903.3	941.5	956.1	958.8	963.4	962.5	963.4	967.0	976.1	977.9	978.8
20°	880.5	924.3	941.5	944.3	948.8	948.8	948.8	953.4	962.5	966.1	966.1
22.5°	849.6	906.0	924.3	926.1	931.5	931.5	933.3	939.7	947.9	948.8	948.8
25°	813.1	886.0	901.4	907.0	912.4	915.1	917.8	921.5	924.3	923.4	924.3
27.5°	774.9	860.4	880.5	884.2	891.5	894.2	897.8	898.7	899.6	902.4	900.5
30°	732.1	825.0	855.0	858.6	870.5	872.3	868.7	870.5	875.0	876.9	878.7
32.5°	683.8	772.2	828.6	836.8	847.8	842.3	841.3	844.1	851.4	851.4	853.2
35°	618.3	731.2	804.1	811.3	819.5	813.1	816.8	817.7	822.2	825.0	824.1
37.5°	546.4	695.7	778.5	784.0	790.4	782.1	787.7	790.4	794.0	792.2	792.2
40°	482.6	640.1	748.5	752.1	757.6	751.2	756.7	758.5	760.3	758.5	757.6
42.5°	435.3	579.1	716.6	721.1	717.5	722.0	723.9	727.6	724.9	721.1	721.1
45°	398.8	562.7	682.0	687.5	682.0	689.3	692.0	692.0	683.8	682.0	681.1
47.5°	387.0	530.0	647.5	647.5	644.7	653.8	658.3	652.0	643.8	641.0	641.0
50°	386.1	493.5	600.0	596.4	609.2	620.1	615.5	609.2	602.8	592.8	592.8
52.5°	350.6	448.9	539.0	552.7	572.8	579.1	571.9	565.5	554.5	550.0	546.4
55°	325.0	402.4	483.5	510.9	531.8	539.9	526.4	519.9	503.5	500.8	499.0
57.5°	319.6	335.1	432.5	467.2	492.6	491.7	483.5	471.7	458.0	455.3	454.4
60°	293.2	242.2	377.9	418.9	445.2	442.5	435.3	424.3	411.6	409.8	408.0
62.5°	265.8	175.8	316.0	362.4	399.7	398.8	392.5	376.1	367.0	362.4	358.8
65°	225.8	147.5	224.9	301.4	355.1	356.9	343.3	331.5	321.4	316.0	315.1
67.5°	172.1	120.2	152.1	251.4	312.4	310.5	293.2	287.8	275.0	272.3	266.8
70°	127.4	80.1	105.6	203.9	270.5	265.8	252.3	245.8	234.0	227.6	224.0
72.5°	105.6	64.6	77.4	158.4	227.6	222.2	210.4	203.0	193.1	187.5	183.9
75°	85.6	68.2	59.2	117.5	184.8	181.2	170.3	163.0	154.8	147.5	148.4
77.5°	62.8	63.7	47.3	86.5	146.6	141.1	134.8	125.6	122.0	114.8	114.8
80°	47.3	50.1	35.5	59.2	105.6	105.6	100.2	93.8	87.4	83.8	83.8
82.5°	31.9	31.9	26.4	37.3	72.0	69.2	65.5	63.7	60.1	58.3	58.3
85°	14.6	18.2	16.4	22.7	39.2	41.0	41.0	39.2	38.3	36.4	37.3
87.5°	4.5	8.2	10.0	12.8	20.0	20.9	21.8	21.8	21.8	22.7	22.7
90°	8.5	15.3	22.0	23.7	37.3	55.3	64.4	57.2	42.9	32.2	32.2
92.5°	33.9	91.4	149.1	163.5	229.8	318.3	362.4	317.6	228.1	160.9	154.5
95°	81.3	186.6	292.1	318.4	565.5	894.8	1059.4	945.4	717.2	546.2	526.8
97.5°	140.6	233.5	326.5	349.8	761.6	1310.8	1585.3	1513.2	1369.1	1261.0	1224.0
100°	186.3	270.6	354.9	376.0	833.0	1442.4	1747.1	1752.3	1762.9	1770.8	1726.9
102.5°	225.3	304.0	382.6	402.3	865.8	1483.7	1792.8	1884.5	2068.2	2206.0	2168.3
105°	291.3	357.9	424.5	441.2	890.0	1488.4	1787.7	1993.5	2405.3	2714.1	2693.8
107.5°	359.1	421.2	483.3	498.7	894.5	1422.2	1686.0	1973.3	2547.6	2978.3	2983.2
110°	404.8	460.9	516.9	531.0	887.8	1363.4	1601.3	1922.4	2564.5	3046.0	3067.1



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	449.7	503.1	556.5	569.9	888.1	1312.2	1524.3	1852.9	2510.0	3002.9	3035.3
115°	517.4	566.7	616.1	628.4	896.2	1253.4	1432.0	1748.5	2381.6	2856.3	2901.2
117.5°	584.3	629.1	673.9	685.1	912.9	1216.6	1368.5	1654.2	2225.4	2653.9	2703.7
120°	623.3	665.5	707.7	718.2	926.4	1204.2	1343.1	1604.1	2126.1	2517.6	2566.0
122.5°	661.4	703.9	746.5	757.1	945.9	1197.7	1323.6	1558.7	2028.7	2381.3	2429.0
125°	719.8	758.5	797.4	807.0	972.1	1192.4	1302.4	1502.1	1901.4	2200.9	2244.8
127.5°	767.2	806.3	845.5	855.3	998.4	1189.2	1284.6	1456.0	1798.9	2056.1	2093.2
130°	792.6	834.8	877.0	887.5	1017.7	1191.2	1277.9	1430.5	1735.7	1964.7	1998.9
132.5°	818.9	861.1	903.3	913.8	1033.2	1192.4	1271.9	1408.5	1681.8	1886.7	1917.4
135°	857.8	896.2	934.7	944.3	1050.1	1191.2	1261.8	1376.2	1605.0	1776.7	1803.1
137.5°	897.6	935.7	973.7	983.2	1075.5	1198.5	1260.1	1356.8	1550.3	1695.4	1717.0
140°	930.7	965.7	1000.7	1009.4	1091.0	1199.8	1254.2	1337.7	1504.8	1630.2	1650.4
142.5°	956.0	988.4	1020.8	1028.9	1104.0	1204.1	1254.2	1327.6	1474.3	1584.4	1601.8
145°	995.0	1023.3	1051.5	1058.6	1121.0	1204.1	1245.7	1305.7	1425.8	1515.9	1529.0
147.5°	1034.0	1061.5	1088.9	1095.8	1145.8	1212.4	1245.7	1292.9	1387.3	1458.2	1469.2
150°	1059.4	1084.2	1109.0	1115.2	1158.7	1216.7	1245.7	1285.6	1365.3	1425.2	1434.0
152.5°	1085.7	1104.5	1123.3	1128.0	1167.2	1219.5	1245.7	1279.7	1347.9	1398.9	1405.6
155°	1124.6	1138.5	1152.5	1155.9	1185.9	1225.8	1245.7	1272.7	1327.0	1367.6	1372.0
157.5°	1153.4	1166.9	1180.5	1183.9	1204.5	1231.9	1245.7	1266.8	1309.0	1340.5	1343.6
160°	1172.9	1183.4	1193.9	1196.5	1212.9	1234.7	1245.7	1263.8	1299.9	1327.0	1328.8
162.5°	1192.4	1200.2	1208.1	1210.1	1222.0	1237.8	1245.7	1260.9	1291.4	1314.3	1316.0
165°	1213.5	1220.7	1227.8	1229.6	1234.9	1242.1	1245.7	1256.6	1278.4	1294.8	1296.6
167.5°	1233.0	1236.4	1239.8	1240.6	1245.1	1251.2	1254.2	1261.3	1275.6	1286.3	1287.0
170°	1245.7	1249.0	1252.5	1253.3	1253.6	1254.0	1254.2	1261.3	1275.6	1286.3	1286.3
172.5°	1252.5	1253.2	1254.0	1254.2	1254.2	1254.2	1254.2	1259.8	1271.1	1279.5	1278.9
175°	1261.8	1261.8	1261.8	1261.8	1259.3	1255.9	1254.2	1257.7	1264.9	1270.2	1270.2
177.5°	1261.8	1261.8	1261.8	1261.8	1259.8	1257.2	1255.8	1258.6	1264.3	1268.6	1267.9
180°	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	962.5	962.5	962.5	962.5	962.5	962.5	962.5	962.5	962.5	962.5	962.5
2.5°	987.1	984.4	987.1	985.3	986.2	983.5	975.2	972.5	975.2	977.9	977.9
5°	998.9	997.0	998.9	998.9	998.0	996.1	987.1	985.3	987.1	988.0	986.2
7.5°	1002.6	999.8	1002.6	1000.7	1000.7	998.9	989.8	988.0	988.9	991.6	988.9
10°	1002.6	999.8	1002.6	1001.7	1000.7	998.9	989.8	986.2	986.2	988.9	986.2
12.5°	998.0	996.1	998.0	996.1	996.1	994.3	985.3	981.6	982.6	983.5	979.7
15°	990.7	988.0	990.7	988.9	989.8	987.1	977.0	973.4	973.4	975.2	968.9
17.5°	979.7	976.1	979.7	978.8	977.9	976.1	967.0	963.4	962.5	963.4	958.8
20°	967.0	964.3	967.0	966.1	966.1	962.5	953.4	948.8	948.8	948.8	944.3
22.5°	947.0	944.3	947.0	948.8	948.8	947.9	939.7	933.3	931.5	931.5	926.1
25°	924.3	921.5	924.3	924.3	923.4	924.3	921.5	917.8	915.1	912.4	907.0
27.5°	902.4	900.5	902.4	900.5	902.4	899.6	898.7	897.8	894.2	891.5	884.2
30°	880.5	878.7	880.5	878.7	876.9	875.0	870.5	868.7	872.3	870.5	858.6
32.5°	853.2	851.4	853.2	853.2	851.4	851.4	844.1	841.3	842.3	847.8	836.8
35°	825.0	822.2	825.0	824.1	825.0	822.2	817.7	816.8	813.1	819.5	811.3
37.5°	792.2	789.5	792.2	792.2	792.2	794.0	790.4	787.7	782.1	790.4	784.0
40°	758.5	754.9	758.5	757.6	758.5	760.3	758.5	756.7	751.2	757.6	752.1
42.5°	720.2	719.3	720.2	721.1	721.1	724.9	727.6	723.9	722.0	717.5	721.1
45°	679.3	677.4	679.3	681.1	682.0	683.8	692.0	692.0	689.3	682.0	687.5
47.5°	635.6	631.0	635.6	641.0	641.0	643.8	652.0	658.3	653.8	644.7	647.5
50°	589.2	590.1	589.2	592.8	592.8	602.8	609.2	615.5	620.1	609.2	596.4
52.5°	543.6	542.7	543.6	546.4	550.0	554.5	565.5	571.9	579.1	572.8	552.7
55°	498.1	499.9	498.1	499.0	500.8	503.5	519.9	526.4	539.9	531.8	510.9
57.5°	452.6	449.9	452.6	454.4	455.3	458.0	471.7	483.5	491.7	492.6	467.2
60°	399.7	396.1	399.7	408.0	409.8	411.6	424.3	435.3	442.5	445.2	418.9
62.5°	353.3	346.9	353.3	358.8	362.4	367.0	376.1	392.5	398.8	399.7	362.4
65°	304.1	301.4	304.1	315.1	316.0	321.4	331.5	343.3	356.9	355.1	301.4
67.5°	259.5	259.5	259.5	266.8	272.3	275.0	287.8	293.2	310.5	312.4	251.4
70°	218.5	217.6	218.5	224.0	227.6	234.0	245.8	252.3	265.8	270.5	203.9
72.5°	179.4	178.5	179.4	183.9	187.5	193.1	203.0	210.4	222.2	227.6	158.4
75°	144.8	142.9	144.8	148.4	147.5	154.8	163.0	170.3	181.2	184.8	117.5
77.5°	111.1	111.1	111.1	114.8	114.8	122.0	125.6	134.8	141.1	146.6	86.5
80°	82.8	81.9	82.8	83.8	83.8	87.4	93.8	100.2	105.6	105.6	59.2
82.5°	58.3	56.5	58.3	58.3	58.3	60.1	63.7	65.5	69.2	72.0	37.3
85°	36.4	36.4	36.4	37.3	36.4	38.3	39.2	41.0	41.0	39.2	22.7
87.5°	23.7	22.7	23.7	22.7	22.7	21.8	21.8	21.8	20.9	20.0	12.8
90°	32.2	32.2	32.2	32.2	32.2	42.9	57.2	64.4	55.3	37.3	23.7
92.5°	128.9	103.3	128.9	154.5	160.9	228.1	317.6	362.4	318.3	229.8	163.5
95°	449.2	371.7	449.2	526.8	546.2	717.2	945.4	1059.4	894.8	565.5	318.4
97.5°	1076.5	929.0	1076.5	1224.0	1261.0	1369.1	1513.2	1585.3	1310.8	761.6	349.8
100°	1551.1	1375.3	1551.1	1726.9	1770.8	1762.9	1752.3	1747.1	1442.4	833.0	376.0
102.5°	2017.8	1867.3	2017.8	2168.3	2206.0	2068.2	1884.5	1792.8	1483.7	865.8	402.3
105°	2612.9	2532.0	2612.9	2693.8	2714.1	2405.3	1993.5	1787.7	1488.4	890.0	441.2
107.5°	3002.8	3022.3	3002.8	2983.2	2978.3	2547.6	1973.3	1686.0	1422.2	894.5	498.7
110°	3151.4	3235.8	3151.4	3067.1	3046.0	2564.5	1922.4	1601.3	1363.4	887.8	531.0



TEST NUMBER: P935863

CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3164.7	3294.2	3164.7	3035.3	3002.9	2510.0	1852.9	1524.3	1312.2	888.1	569.9
115°	3080.7	3260.3	3080.7	2901.2	2856.3	2381.6	1748.5	1432.0	1253.4	896.2	628.4
117.5°	2902.9	3102.0	2902.9	2703.7	2653.9	2225.4	1654.2	1368.5	1216.6	912.9	685.1
120°	2759.5	2952.9	2759.5	2566.0	2517.6	2126.1	1604.1	1343.1	1204.2	926.4	718.2
122.5°	2619.8	2810.6	2619.8	2429.0	2381.3	2028.7	1558.7	1323.6	1197.7	945.9	757.1
125°	2420.6	2596.4	2420.6	2244.8	2200.9	1901.4	1502.1	1302.4	1192.4	972.1	807.0
127.5°	2241.5	2389.8	2241.5	2093.2	2056.1	1798.9	1456.0	1284.6	1189.2	998.4	855.3
130°	2135.9	2272.9	2135.9	1998.9	1964.7	1735.7	1430.5	1277.9	1191.2	1017.7	887.5
132.5°	2040.1	2162.8	2040.1	1917.4	1886.7	1681.8	1408.5	1271.9	1192.4	1033.2	913.8
135°	1908.9	2014.6	1908.9	1803.1	1776.7	1605.0	1376.2	1261.8	1191.2	1050.1	944.3
137.5°	1803.6	1890.2	1803.6	1717.0	1695.4	1550.3	1356.8	1260.1	1198.5	1075.5	983.2
140°	1731.3	1812.2	1731.3	1650.4	1630.2	1504.8	1337.7	1254.2	1199.8	1091.0	1009.4
142.5°	1671.5	1741.1	1671.5	1601.8	1584.4	1474.3	1327.6	1254.2	1204.1	1104.0	1028.9
145°	1581.7	1634.4	1581.7	1529.0	1515.9	1425.8	1305.7	1245.7	1204.1	1121.0	1058.6
147.5°	1512.8	1556.5	1512.8	1469.2	1458.2	1387.3	1292.9	1245.7	1212.4	1145.8	1095.8
150°	1469.4	1504.8	1469.4	1434.0	1425.2	1365.3	1285.6	1245.7	1216.7	1158.7	1115.2
152.5°	1432.3	1459.1	1432.3	1405.6	1398.9	1347.9	1279.7	1245.7	1219.5	1167.2	1128.0
155°	1389.7	1407.4	1389.7	1372.0	1367.6	1327.0	1272.7	1245.7	1225.8	1185.9	1155.9
157.5°	1356.1	1368.5	1356.1	1343.6	1340.5	1309.0	1266.8	1245.7	1231.9	1204.5	1183.9
160°	1335.9	1343.1	1335.9	1328.8	1327.0	1299.9	1263.8	1245.7	1234.7	1212.9	1196.5
162.5°	1322.7	1329.5	1322.7	1316.0	1314.3	1291.4	1260.9	1245.7	1237.8	1222.0	1210.1
165°	1303.7	1310.9	1303.7	1296.6	1294.8	1278.4	1256.6	1245.7	1242.1	1234.9	1229.6
167.5°	1290.1	1293.1	1290.1	1287.0	1286.3	1275.6	1261.3	1254.2	1251.2	1245.1	1240.6
170°	1286.3	1286.3	1286.3	1286.3	1286.3	1275.6	1261.3	1254.2	1254.0	1253.6	1253.3
172.5°	1276.3	1273.7	1276.3	1278.9	1279.5	1271.1	1259.8	1254.2	1254.2	1254.2	1254.2
175°	1270.2	1270.2	1270.2	1270.2	1270.2	1264.9	1257.7	1254.2	1255.9	1259.3	1261.8
177.5°	1264.8	1261.8	1264.8	1267.9	1268.6	1264.3	1258.6	1255.8	1257.2	1259.8	1261.8
180°	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8



TEST NUMBER: P935863

CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	962.5	962.5	962.5	962.5	962.5	962.5	962.5	962.5	962.5	962.5	962.5
2.5°	976.1	970.7	970.7	961.6	957.9	955.2	950.6	937.0	933.3	929.7	935.1
5°	984.4	974.3	967.0	950.6	937.0	931.5	914.2	881.4	859.5	843.2	834.1
7.5°	986.2	973.4	959.7	934.2	901.4	886.9	834.1	774.0	757.6	743.0	733.9
10°	984.4	969.8	950.6	912.4	835.0	809.5	756.7	717.5	707.5	704.8	707.5
12.5°	977.9	964.3	937.9	874.1	765.8	748.5	717.5	694.8	692.9	697.5	722.0
15°	967.0	954.3	923.4	823.2	727.6	714.8	692.9	684.8	694.8	726.7	800.4
17.5°	956.1	941.5	903.3	773.1	698.4	689.3	673.8	690.2	746.7	789.5	814.0
20°	941.5	924.3	880.5	736.6	677.4	669.3	661.9	735.7	778.5	794.0	807.7
22.5°	924.3	906.0	849.6	711.2	655.6	649.3	653.8	761.2	778.5	789.5	801.3
25°	901.4	886.0	813.1	691.1	638.3	631.0	648.4	758.5	768.5	771.3	794.9
27.5°	880.5	860.4	774.9	672.9	617.4	614.6	652.9	746.7	754.0	756.7	782.1
30°	855.0	825.0	732.1	653.8	595.5	594.6	653.8	732.1	730.3	737.5	763.1
32.5°	828.6	772.2	683.8	630.1	574.6	573.7	647.5	710.3	708.5	718.4	737.5
35°	804.1	731.2	618.3	602.8	548.2	549.1	631.9	684.8	685.7	694.8	706.6
37.5°	778.5	695.7	546.4	572.8	522.6	522.6	611.0	661.0	659.2	661.9	678.4
40°	748.5	640.1	482.6	533.6	499.0	496.3	585.5	635.6	629.2	628.3	651.1
42.5°	716.6	579.1	435.3	481.7	471.7	468.1	554.5	604.6	592.8	595.5	624.7
45°	682.0	562.7	398.8	407.1	443.4	440.7	520.8	569.1	560.9	568.2	598.2
47.5°	647.5	530.0	387.0	337.8	413.4	412.5	483.5	534.5	530.0	537.2	569.1
50°	600.0	493.5	386.1	289.6	379.7	383.3	438.9	500.8	500.8	507.2	540.9
52.5°	539.0	448.9	350.6	262.2	340.5	351.5	399.7	471.7	473.5	479.9	509.9
55°	483.5	402.4	325.0	241.3	294.1	317.8	361.5	441.6	445.2	451.7	478.9
57.5°	432.5	335.1	319.6	216.7	251.4	274.1	327.8	412.5	414.3	419.8	446.2
60°	377.9	242.2	293.2	190.3	214.0	231.3	296.8	377.9	384.2	387.9	410.7
62.5°	316.0	175.8	265.8	172.1	195.8	199.4	271.4	345.1	353.3	356.0	369.7
65°	224.9	147.5	225.8	156.6	176.7	177.6	244.0	311.4	318.7	323.2	333.3
67.5°	152.1	120.2	172.1	142.0	162.1	163.0	217.6	272.3	282.3	285.9	292.3
70°	105.6	80.1	127.4	126.5	145.7	147.5	189.4	236.8	245.8	248.6	252.3
72.5°	77.4	64.6	105.6	113.8	128.4	130.3	160.3	196.7	205.8	208.5	210.4
75°	59.2	68.2	85.6	99.3	109.3	110.2	131.2	160.3	166.6	168.5	169.4
77.5°	47.3	63.7	62.8	80.1	89.2	87.4	102.9	123.8	129.3	129.3	129.3
80°	35.5	50.1	47.3	57.4	65.5	63.7	73.8	88.3	90.2	92.0	91.1
82.5°	26.4	31.9	31.9	36.4	43.7	41.9	49.2	57.4	57.4	57.4	59.2
85°	16.4	18.2	14.6	19.1	24.6	23.7	27.3	31.0	31.9	31.9	30.1
87.5°	10.0	8.2	4.5	7.2	11.0	11.0	12.8	13.7	12.8	12.8	12.8
90°	22.0	15.3	8.5	15.3	22.0	23.7	37.3	55.3	64.4	57.2	42.9
92.5°	149.1	91.4	33.9	91.4	149.1	163.5	229.8	318.3	362.4	317.6	228.1
95°	292.1	186.6	81.3	186.6	292.1	318.4	565.5	894.8	1059.4	945.4	717.2
97.5°	326.5	233.5	140.6	233.5	326.5	349.8	761.6	1310.8	1585.3	1513.2	1369.1
100°	354.9	270.6	186.3	270.6	354.9	376.0	833.0	1442.4	1747.1	1752.3	1762.9
102.5°	382.6	304.0	225.3	304.0	382.6	402.3	865.8	1483.7	1792.8	1884.5	2068.2
105°	424.5	357.9	291.3	357.9	424.5	441.2	890.0	1488.4	1787.7	1993.5	2405.3
107.5°	483.3	421.2	359.1	421.2	483.3	498.7	894.5	1422.2	1686.0	1973.3	2547.6
110°	516.9	460.9	404.8	460.9	516.9	531.0	887.8	1363.4	1601.3	1922.4	2564.5



TEST NUMBER: P935863

CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	556.5	503.1	449.7	503.1	556.5	569.9	888.1	1312.2	1524.3	1852.9	2510.0
115°	616.1	566.7	517.4	566.7	616.1	628.4	896.2	1253.4	1432.0	1748.5	2381.6
117.5°	673.9	629.1	584.3	629.1	673.9	685.1	912.9	1216.6	1368.5	1654.2	2225.4
120°	707.7	665.5	623.3	665.5	707.7	718.2	926.4	1204.2	1343.1	1604.1	2126.1
122.5°	746.5	703.9	661.4	703.9	746.5	757.1	945.9	1197.7	1323.6	1558.7	2028.7
125°	797.4	758.5	719.8	758.5	797.4	807.0	972.1	1192.4	1302.4	1502.1	1901.4
127.5°	845.5	806.3	767.2	806.3	845.5	855.3	998.4	1189.2	1284.6	1456.0	1798.9
130°	877.0	834.8	792.6	834.8	877.0	887.5	1017.7	1191.2	1277.9	1430.5	1735.7
132.5°	903.3	861.1	818.9	861.1	903.3	913.8	1033.2	1192.4	1271.9	1408.5	1681.8
135°	934.7	896.2	857.8	896.2	934.7	944.3	1050.1	1191.2	1261.8	1376.2	1605.0
137.5°	973.7	935.7	897.6	935.7	973.7	983.2	1075.5	1198.5	1260.1	1356.8	1550.3
140°	1000.7	965.7	930.7	965.7	1000.7	1009.4	1091.0	1199.8	1254.2	1337.7	1504.8
142.5°	1020.8	988.4	956.0	988.4	1020.8	1028.9	1104.0	1204.1	1254.2	1327.6	1474.3
145°	1051.5	1023.3	995.0	1023.3	1051.5	1058.6	1121.0	1204.1	1245.7	1305.7	1425.8
147.5°	1088.9	1061.5	1034.0	1061.5	1088.9	1095.8	1145.8	1212.4	1245.7	1292.9	1387.3
150°	1109.0	1084.2	1059.4	1084.2	1109.0	1115.2	1158.7	1216.7	1245.7	1285.6	1365.3
152.5°	1123.3	1104.5	1085.7	1104.5	1123.3	1128.0	1167.2	1219.5	1245.7	1279.7	1347.9
155°	1152.5	1138.5	1124.6	1138.5	1152.5	1155.9	1185.9	1225.8	1245.7	1272.7	1327.0
157.5°	1180.5	1166.9	1153.4	1166.9	1180.5	1183.9	1204.5	1231.9	1245.7	1266.8	1309.0
160°	1193.9	1183.4	1172.9	1183.4	1193.9	1196.5	1212.9	1234.7	1245.7	1263.8	1299.9
162.5°	1208.1	1200.2	1192.4	1200.2	1208.1	1210.1	1222.0	1237.8	1245.7	1260.9	1291.4
165°	1227.8	1220.7	1213.5	1220.7	1227.8	1229.6	1234.9	1242.1	1245.7	1256.6	1278.4
167.5°	1239.8	1236.4	1233.0	1236.4	1239.8	1240.6	1245.1	1251.2	1254.2	1261.3	1275.6
170°	1252.5	1249.0	1245.7	1249.0	1252.5	1253.3	1253.6	1254.0	1254.2	1261.3	1275.6
172.5°	1254.0	1253.2	1252.5	1253.2	1254.0	1254.2	1254.2	1254.2	1254.2	1259.8	1271.1
175°	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1259.3	1255.9	1254.2	1257.7	1264.9
177.5°	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1259.8	1257.2	1255.8	1258.6	1264.3
180°	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8



TEST NUMBER: P935863

CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	962.5	962.5	962.5	962.5	962.5	962.5	962.5	962.5	962.5	962.5	962.5
2.5°	928.8	926.1	929.7	919.6	929.7	926.1	928.8	935.1	929.7	933.3	937.0
5°	815.0	810.4	795.8	784.0	795.8	810.4	815.0	834.1	843.2	859.5	881.4
7.5°	728.5	724.9	721.1	713.9	721.1	724.9	728.5	733.9	743.0	757.6	774.0
10°	709.4	710.3	715.7	714.8	715.7	710.3	709.4	707.5	704.8	707.5	717.5
12.5°	758.5	766.7	796.7	794.9	796.7	766.7	758.5	722.0	697.5	692.9	694.8
15°	815.0	817.7	824.1	825.0	824.1	817.7	815.0	800.4	726.7	694.8	684.8
17.5°	820.4	821.3	825.9	825.9	825.9	821.3	820.4	814.0	789.5	746.7	690.2
20°	815.9	817.7	826.8	828.6	826.8	817.7	815.9	807.7	794.0	778.5	735.7
22.5°	814.0	817.7	825.0	824.1	825.0	817.7	814.0	801.3	789.5	778.5	761.2
25°	805.0	805.0	805.9	806.8	805.9	805.0	805.0	794.9	771.3	768.5	758.5
27.5°	785.9	787.7	793.1	792.2	793.1	787.7	785.9	782.1	756.7	754.0	746.7
30°	768.5	766.7	762.1	758.5	762.1	766.7	768.5	763.1	737.5	730.3	732.1
32.5°	739.4	734.8	730.3	727.6	730.3	734.8	739.4	737.5	718.4	708.5	710.3
35°	704.8	705.7	704.8	702.0	704.8	705.7	704.8	706.6	694.8	685.7	684.8
37.5°	680.2	682.0	681.1	677.4	681.1	682.0	680.2	678.4	661.9	659.2	661.0
40°	654.7	655.6	654.7	652.0	654.7	655.6	654.7	651.1	628.3	629.2	635.6
42.5°	630.1	629.2	626.5	624.7	626.5	629.2	630.1	624.7	595.5	592.8	604.6
45°	601.9	602.8	597.3	594.6	597.3	602.8	601.9	598.2	568.2	560.9	569.1
47.5°	573.7	573.7	569.1	566.4	569.1	573.7	573.7	569.1	537.2	530.0	534.5
50°	543.6	542.7	536.3	535.4	536.3	542.7	543.6	540.9	507.2	500.8	500.8
52.5°	509.0	509.0	509.9	511.8	509.9	509.0	509.0	509.9	479.9	473.5	471.7
55°	478.9	479.9	486.3	488.1	486.3	479.9	478.9	478.9	451.7	445.2	441.6
57.5°	448.0	448.0	452.6	452.6	452.6	448.0	448.0	446.2	419.8	414.3	412.5
60°	412.5	414.3	417.9	417.0	417.9	414.3	412.5	410.7	387.9	384.2	377.9
62.5°	375.2	377.0	377.9	376.1	377.9	377.0	375.2	369.7	356.0	353.3	345.1
65°	336.0	337.8	338.7	336.9	338.7	337.8	336.0	333.3	323.2	318.7	311.4
67.5°	295.9	295.0	294.1	297.8	294.1	295.0	295.9	292.3	285.9	282.3	272.3
70°	255.0	255.0	254.1	255.9	254.1	255.0	255.0	252.3	248.6	245.8	236.8
72.5°	211.3	210.4	214.0	211.3	214.0	210.4	211.3	210.4	208.5	205.8	196.7
75°	168.5	170.3	168.5	171.2	168.5	170.3	168.5	169.4	168.5	166.6	160.3
77.5°	128.4	130.3	128.4	128.4	128.4	130.3	128.4	129.3	129.3	129.3	123.8
80°	91.1	90.2	90.2	89.2	90.2	90.2	91.1	91.1	92.0	90.2	88.3
82.5°	58.3	57.4	57.4	59.2	57.4	57.4	58.3	59.2	57.4	57.4	57.4
85°	31.9	32.8	31.0	31.0	31.0	32.8	31.9	30.1	31.9	31.9	31.0
87.5°	11.9	11.0	11.0	11.0	11.0	11.0	11.9	12.8	12.8	12.8	13.7
90°	32.2	32.2	32.2	32.2	32.2	32.2	32.2	42.9	57.2	64.4	55.3
92.5°	160.9	154.5	128.9	103.3	128.9	154.5	160.9	228.1	317.6	362.4	318.3
95°	546.2	526.8	449.2	371.7	449.2	526.8	546.2	717.2	945.4	1059.4	894.8
97.5°	1261.0	1224.0	1076.5	929.0	1076.5	1224.0	1261.0	1369.1	1513.2	1585.3	1310.8
100°	1770.8	1726.9	1551.1	1375.3	1551.1	1726.9	1770.8	1762.9	1752.3	1747.1	1442.4
102.5°	2206.0	2168.3	2017.8	1867.3	2017.8	2168.3	2206.0	2068.2	1884.5	1792.8	1483.7
105°	2714.1	2693.8	2612.9	2532.0	2612.9	2693.8	2714.1	2405.3	1993.5	1787.7	1488.4
107.5°	2978.3	2983.2	3002.8	3022.3	3002.8	2983.2	2978.3	2547.6	1973.3	1686.0	1422.2
110°	3046.0	3067.1	3151.4	3235.8	3151.4	3067.1	3046.0	2564.5	1922.4	1601.3	1363.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3002.9	3035.3	3164.7	3294.2	3164.7	3035.3	3002.9	2510.0	1852.9	1524.3	1312.2
115°	2856.3	2901.2	3080.7	3260.3	3080.7	2901.2	2856.3	2381.6	1748.5	1432.0	1253.4
117.5°	2653.9	2703.7	2902.9	3102.0	2902.9	2703.7	2653.9	2225.4	1654.2	1368.5	1216.6
120°	2517.6	2566.0	2759.5	2952.9	2759.5	2566.0	2517.6	2126.1	1604.1	1343.1	1204.2
122.5°	2381.3	2429.0	2619.8	2810.6	2619.8	2429.0	2381.3	2028.7	1558.7	1323.6	1197.7
125°	2200.9	2244.8	2420.6	2596.4	2420.6	2244.8	2200.9	1901.4	1502.1	1302.4	1192.4
127.5°	2056.1	2093.2	2241.5	2389.8	2241.5	2093.2	2056.1	1798.9	1456.0	1284.6	1189.2
130°	1964.7	1998.9	2135.9	2272.9	2135.9	1998.9	1964.7	1735.7	1430.5	1277.9	1191.2
132.5°	1886.7	1917.4	2040.1	2162.8	2040.1	1917.4	1886.7	1681.8	1408.5	1271.9	1192.4
135°	1776.7	1803.1	1908.9	2014.6	1908.9	1803.1	1776.7	1605.0	1376.2	1261.8	1191.2
137.5°	1695.4	1717.0	1803.6	1890.2	1803.6	1717.0	1695.4	1550.3	1356.8	1260.1	1198.5
140°	1630.2	1650.4	1731.3	1812.2	1731.3	1650.4	1630.2	1504.8	1337.7	1254.2	1199.8
142.5°	1584.4	1601.8	1671.5	1741.1	1671.5	1601.8	1584.4	1474.3	1327.6	1254.2	1204.1
145°	1515.9	1529.0	1581.7	1634.4	1581.7	1529.0	1515.9	1425.8	1305.7	1245.7	1204.1
147.5°	1458.2	1469.2	1512.8	1556.5	1512.8	1469.2	1458.2	1387.3	1292.9	1245.7	1212.4
150°	1425.2	1434.0	1469.4	1504.8	1469.4	1434.0	1425.2	1365.3	1285.6	1245.7	1216.7
152.5°	1398.9	1405.6	1432.3	1459.1	1432.3	1405.6	1398.9	1347.9	1279.7	1245.7	1219.5
155°	1367.6	1372.0	1389.7	1407.4	1389.7	1372.0	1367.6	1327.0	1272.7	1245.7	1225.8
157.5°	1340.5	1343.6	1356.1	1368.5	1356.1	1343.6	1340.5	1309.0	1266.8	1245.7	1231.9
160°	1327.0	1328.8	1335.9	1343.1	1335.9	1328.8	1327.0	1299.9	1263.8	1245.7	1234.7
162.5°	1314.3	1316.0	1322.7	1329.5	1322.7	1316.0	1314.3	1291.4	1260.9	1245.7	1237.8
165°	1294.8	1296.6	1303.7	1310.9	1303.7	1296.6	1294.8	1278.4	1256.6	1245.7	1242.1
167.5°	1286.3	1287.0	1290.1	1293.1	1290.1	1287.0	1286.3	1275.6	1261.3	1254.2	1251.2
170°	1286.3	1286.3	1286.3	1286.3	1286.3	1286.3	1286.3	1275.6	1261.3	1254.2	1254.0
172.5°	1279.5	1278.9	1276.3	1273.7	1276.3	1278.9	1279.5	1271.1	1259.8	1254.2	1254.2
175°	1270.2	1270.2	1270.2	1270.2	1270.2	1270.2	1270.2	1264.9	1257.7	1254.2	1255.9
177.5°	1268.6	1267.9	1264.8	1261.8	1264.8	1267.9	1268.6	1264.3	1258.6	1255.8	1257.2
180°	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8	1261.8



TEST NUMBER: P935863

CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	962.5	962.5	962.5	962.5	962.5
2.5°	950.6	955.2	957.9	961.6	970.7
5°	914.2	931.5	937.0	950.6	967.0
7.5°	834.1	886.9	901.4	934.2	959.7
10°	756.7	809.5	835.0	912.4	950.6
12.5°	717.5	748.5	765.8	874.1	937.9
15°	692.9	714.8	727.6	823.2	923.4
17.5°	673.8	689.3	698.4	773.1	903.3
20°	661.9	669.3	677.4	736.6	880.5
22.5°	653.8	649.3	655.6	711.2	849.6
25°	648.4	631.0	638.3	691.1	813.1
27.5°	652.9	614.6	617.4	672.9	774.9
30°	653.8	594.6	595.5	653.8	732.1
32.5°	647.5	573.7	574.6	630.1	683.8
35°	631.9	549.1	548.2	602.8	618.3
37.5°	611.0	522.6	522.6	572.8	546.4
40°	585.5	496.3	499.0	533.6	482.6
42.5°	554.5	468.1	471.7	481.7	435.3
45°	520.8	440.7	443.4	407.1	398.8
47.5°	483.5	412.5	413.4	337.8	387.0
50°	438.9	383.3	379.7	289.6	386.1
52.5°	399.7	351.5	340.5	262.2	350.6
55°	361.5	317.8	294.1	241.3	325.0
57.5°	327.8	274.1	251.4	216.7	319.6
60°	296.8	231.3	214.0	190.3	293.2
62.5°	271.4	199.4	195.8	172.1	265.8
65°	244.0	177.6	176.7	156.6	225.8
67.5°	217.6	163.0	162.1	142.0	172.1
70°	189.4	147.5	145.7	126.5	127.4
72.5°	160.3	130.3	128.4	113.8	105.6
75°	131.2	110.2	109.3	99.3	85.6
77.5°	102.9	87.4	89.2	80.1	62.8
80°	73.8	63.7	65.5	57.4	47.3
82.5°	49.2	41.9	43.7	36.4	31.9
85°	27.3	23.7	24.6	19.1	14.6
87.5°	12.8	11.0	11.0	7.2	4.5
90°	37.3	23.7	22.0	15.3	8.5
92.5°	229.8	163.5	149.1	91.4	33.9
95°	565.5	318.4	292.1	186.6	81.3
97.5°	761.6	349.8	326.5	233.5	140.6
100°	833.0	376.0	354.9	270.6	186.3
102.5°	865.8	402.3	382.6	304.0	225.3
105°	890.0	441.2	424.5	357.9	291.3
107.5°	894.5	498.7	483.3	421.2	359.1
110°	887.8	531.0	516.9	460.9	404.8



TEST NUMBER: P935863

CATALOG NUMBER: SQ4-FA-150U-050D-93050-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	888.1	569.9	556.5	503.1	449.7
115°	896.2	628.4	616.1	566.7	517.4
117.5°	912.9	685.1	673.9	629.1	584.3
120°	926.4	718.2	707.7	665.5	623.3
122.5°	945.9	757.1	746.5	703.9	661.4
125°	972.1	807.0	797.4	758.5	719.8
127.5°	998.4	855.3	845.5	806.3	767.2
130°	1017.7	887.5	877.0	834.8	792.6
132.5°	1033.2	913.8	903.3	861.1	818.9
135°	1050.1	944.3	934.7	896.2	857.8
137.5°	1075.5	983.2	973.7	935.7	897.6
140°	1091.0	1009.4	1000.7	965.7	930.7
142.5°	1104.0	1028.9	1020.8	988.4	956.0
145°	1121.0	1058.6	1051.5	1023.3	995.0
147.5°	1145.8	1095.8	1088.9	1061.5	1034.0
150°	1158.7	1115.2	1109.0	1084.2	1059.4
152.5°	1167.2	1128.0	1123.3	1104.5	1085.7
155°	1185.9	1155.9	1152.5	1138.5	1124.6
157.5°	1204.5	1183.9	1180.5	1166.9	1153.4
160°	1212.9	1196.5	1193.9	1183.4	1172.9
162.5°	1222.0	1210.1	1208.1	1200.2	1192.4
165°	1234.9	1229.6	1227.8	1220.7	1213.5
167.5°	1245.1	1240.6	1239.8	1236.4	1233.0
170°	1253.6	1253.3	1252.5	1249.0	1245.7
172.5°	1254.2	1254.2	1254.0	1253.2	1252.5
175°	1259.3	1261.8	1261.8	1261.8	1261.8
177.5°	1259.8	1261.8	1261.8	1261.8	1261.8
180°	1261.8	1261.8	1261.8	1261.8	1261.8



TEST NUMBER: P935863
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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	7.79	8.46	8.95	9.60	11.21	10.62	11.28	11.77	12.42	14.03
	3H	8.25	8.85	9.42	10.00	11.62	11.94	12.54	13.11	13.69	15.31
	4H	8.43	9.00	9.61	10.15	11.78	12.38	12.94	13.55	14.09	15.72
	6H	8.54	9.06	9.72	10.22	11.85	12.65	13.17	13.83	14.32	15.96
	8H	8.54	9.03	9.72	10.20	11.83	12.72	13.21	13.90	14.38	16.01
	12H	8.50	8.97	9.69	10.13	11.78	12.75	13.22	13.94	14.38	16.03
4H	2H	8.80	9.36	9.98	10.51	12.14	11.00	11.57	12.18	12.72	14.34
	3H	9.81	10.28	10.99	11.45	13.09	12.49	12.96	13.67	14.13	15.77
	4H	10.07	10.51	11.26	11.67	13.33	13.00	13.44	14.19	14.60	16.26
	6H	10.19	10.56	11.38	11.75	13.39	13.36	13.73	14.55	14.92	16.56
	8H	10.19	10.53	11.38	11.71	13.38	13.46	13.80	14.65	14.98	16.65
	12H	10.15	10.46	11.35	11.65	13.32	13.50	13.82	14.71	15.01	16.67
8H	4H	10.51	10.86	11.70	12.04	13.70	13.11	13.46	14.30	14.64	16.30
	6H	10.76	11.05	11.97	12.27	13.93	13.54	13.82	14.75	15.05	16.70
	8H	10.80	11.05	12.02	12.25	13.93	13.69	13.94	14.90	15.13	16.81
	12H	10.78	11.00	12.00	12.19	13.90	13.78	13.99	14.99	15.19	16.90
12H	4H	10.51	10.82	11.71	12.01	13.68	13.07	13.38	14.27	14.57	16.24
	6H	10.82	11.07	12.04	12.27	13.95	13.53	13.78	14.75	14.98	16.66
	8H	10.88	11.10	12.10	12.29	14.00	13.69	13.90	14.90	15.10	16.81