

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: P934643

Luminaire Tested: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934643
REPORT IS A COMBINATION OF REPORTS P933708 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

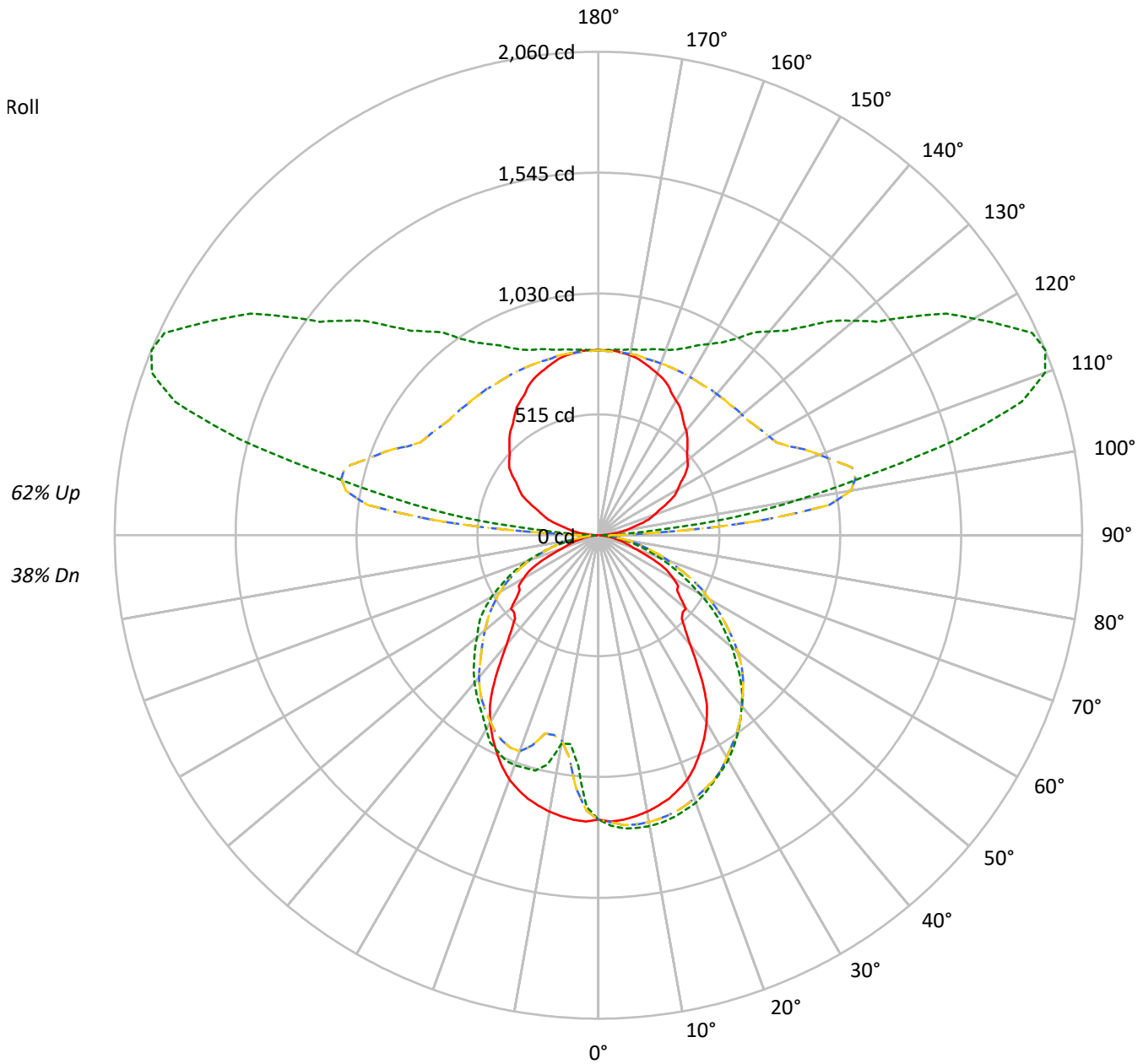
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8257.7 lumens
Efficiency: N/A
Efficacy: 120.0 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 68.8
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: P934643
CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-8-2700K

Luminous Intensity Polar Plot



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



TEST NUMBER: P934643
 CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-8-2700K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20						20							20
RC	80					70						30							10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30
RCR																			
0	104	104	104	104	95	95	95	95	77	77	77	60	60	60	45	45	45	38	
1	95	91	87	84	86	83	79	77	67	65	63	53	52	50	40	39	38	32	
2	87	79	73	68	78	72	67	63	59	55	52	47	44	42	35	34	32	27	
3	79	70	63	57	71	64	57	52	52	47	44	41	38	35	31	29	27	23	
4	72	62	54	48	65	56	50	44	46	41	37	37	33	30	28	25	24	20	
5	66	55	47	41	60	50	43	38	41	36	32	33	29	26	25	22	20	17	
6	61	49	41	35	55	45	38	33	37	32	28	30	26	23	23	20	18	15	
7	56	44	36	31	51	40	34	29	33	28	24	27	23	20	21	18	16	13	
8	52	40	32	27	47	37	30	25	30	25	22	24	21	18	19	16	14	12	
9	48	36	29	24	44	33	27	22	28	23	19	22	19	16	17	15	13	11	
10	45	33	26	22	41	31	24	20	26	21	17	21	17	14	16	14	12	10	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5619	5619	5619	5619
5°	5660	5672	5660	4459
10°	5622	5587	5622	3994
15°	5561	5465	5561	4564
20°	5445	5322	5445	4573
25°	5207	5113	5207	4476
30°	4899	4940	4899	4264
35°	4368	4720	4368	4030
40°	3639	4461	3639	3853
45°	3252	4158	3252	3650
50°	3454	3798	3454	3446
55°	3250	3409	3250	3328
60°	3351	2895	3351	3048
65°	3038	2393	3038	2675
70°	2104	1907	2104	2242
75°	1845	1410	1845	1688
80°	1485	932	1485	1014
85°	857	494	857	419

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 4984 cd/sqm



TEST NUMBER: P934643

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-8-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.3	1.3
10°-20°	310.4	3.8
20°-30°	479.8	5.8
30°-40°	572.7	6.9
40°-50°	576.1	7.0
50°-60°	501.3	6.1
60°-70°	355.4	4.3
70°-80°	188.0	2.3
80°-90°	49.9	0.6
90°-100°	384.6	4.7
100°-110°	1011.1	12.2
110°-120°	1048.5	12.7
120°-130°	841.0	10.2
130°-140°	659.9	8.0
140°-150°	506.5	6.1
150°-160°	364.8	4.4
160°-170°	223.2	2.7
170°-180°	75.4	0.9
0°-30°	899.4	10.9
0°-40°	1472.2	17.8
0°-60°	2549.5	30.9
0°-90°	3142.8	38.1
90°-120°	2444.2	29.6
90°-150°	4451.6	53.9
90°-180°	5115.0	61.9
0°-180°	8257.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1211	1211	1211	1211	1211	
5°	1217	1254	1217	986	1217	115
15°	1162	1243	1162	1038	1162	327
25°	1023	1159	1023	1015	1023	470
35°	778	1034	778	883	778	481
45°	502	852	502	748	502	402
55°	409	629	409	614	409	376
65°	284	379	284	424	284	272
75°	108	180	108	215	108	113
85°	18	46	18	39	18	25
90°	5	20	5	20	5	5
95°	51	232	51	232	51	56
105°	182	1583	182	1583	182	193
115°	324	2039	324	2039	324	320
125°	450	1624	450	1624	450	400
135°	536	1260	536	1260	536	415
145°	622	1022	622	1022	622	390
155°	703	880	703	880	703	323
165°	759	820	759	820	759	214
175°	789	794	789	794	789	75
180°	789	789	789	789	789	



TEST NUMBER: P934643

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0
2.5°	1221.2	1221.2	1228.2	1230.5	1230.5	1227.0	1223.5	1227.0	1237.3	1240.7	1239.6
5°	1216.7	1225.8	1238.5	1240.7	1243.0	1241.9	1239.6	1241.9	1253.3	1255.7	1256.8
7.5°	1207.5	1224.7	1240.7	1244.2	1247.6	1244.2	1243.0	1245.3	1256.8	1259.1	1259.1
10°	1196.0	1220.1	1238.5	1240.7	1244.2	1240.7	1240.7	1245.3	1256.8	1259.1	1260.2
12.5°	1180.0	1213.2	1230.5	1232.7	1237.3	1236.2	1235.0	1239.6	1251.0	1253.3	1253.3
15°	1161.7	1200.6	1216.7	1218.9	1227.0	1224.7	1224.7	1229.3	1241.9	1245.3	1244.2
17.5°	1136.5	1184.6	1203.0	1206.4	1212.1	1211.0	1212.1	1216.7	1228.2	1230.5	1231.6
20°	1107.8	1162.8	1184.6	1188.0	1193.7	1193.7	1193.7	1199.5	1211.0	1215.5	1215.5
22.5°	1068.9	1139.9	1162.8	1165.1	1172.0	1172.0	1174.3	1182.3	1192.6	1193.7	1193.7
25°	1023.1	1114.7	1134.2	1141.0	1147.9	1151.4	1154.8	1159.4	1162.8	1161.7	1162.8
27.5°	975.0	1082.6	1107.8	1112.4	1121.6	1125.1	1129.6	1130.8	1131.9	1135.3	1133.1
30°	921.1	1037.9	1075.8	1080.4	1095.2	1097.6	1092.9	1095.2	1101.0	1103.3	1105.6
32.5°	860.4	971.5	1042.5	1052.9	1066.6	1059.7	1058.6	1062.0	1071.2	1071.2	1073.5
35°	777.9	920.0	1011.6	1020.8	1031.1	1023.1	1027.7	1028.8	1034.5	1037.9	1036.8
37.5°	687.4	875.3	979.5	986.4	994.5	984.1	991.0	994.5	999.0	996.7	996.7
40°	607.2	805.4	941.8	946.3	953.2	945.2	952.0	954.3	956.6	954.3	953.2
42.5°	547.6	728.7	901.6	907.3	902.7	908.5	910.8	915.4	912.0	907.3	907.3
45°	501.8	708.0	858.1	865.0	858.1	867.3	870.7	870.7	860.4	858.1	856.9
47.5°	486.9	666.7	814.6	814.6	811.1	822.6	828.3	820.3	810.0	806.6	806.6
50°	485.7	621.0	755.0	750.4	766.4	780.2	774.4	766.4	758.4	745.8	745.8
52.5°	441.1	564.8	678.3	695.4	720.6	728.7	719.4	711.5	697.7	691.9	687.4
55°	409.0	506.4	608.3	642.7	669.0	679.4	662.2	654.2	633.5	630.1	627.8
57.5°	402.1	421.6	544.2	587.7	619.8	618.6	608.3	593.4	576.3	572.9	571.7
60°	368.9	304.8	475.4	527.0	560.2	556.8	547.6	533.8	517.9	515.6	513.2
62.5°	334.6	221.1	397.5	455.9	502.9	501.8	493.8	473.2	461.7	455.9	451.4
65°	284.1	185.6	283.0	379.2	446.8	449.1	431.9	417.0	404.4	397.5	396.4
67.5°	216.5	151.3	191.3	316.2	393.0	390.7	368.9	362.1	346.0	342.6	335.7
70°	160.4	100.8	132.9	256.7	340.3	334.6	317.3	309.4	294.4	286.4	281.9
72.5°	132.9	81.3	97.4	199.4	286.4	279.6	264.6	255.5	242.9	236.0	231.4
75°	107.7	85.9	74.5	147.8	232.6	228.0	214.2	205.1	194.7	185.6	186.7
77.5°	79.1	80.2	59.5	108.8	184.5	177.6	169.5	158.1	153.5	144.3	144.3
80°	59.5	63.0	44.7	74.5	132.9	132.9	126.0	118.0	110.0	105.4	105.4
82.5°	40.1	40.1	33.2	47.0	90.5	87.0	82.5	80.2	75.6	73.3	73.3
85°	18.4	22.9	20.6	28.6	49.3	51.6	51.6	49.3	48.1	45.9	47.0
87.5°	5.7	10.3	12.6	16.1	25.2	26.4	27.5	27.5	27.5	28.6	28.6
90°	5.3	9.6	13.8	14.9	23.3	34.6	40.2	35.8	26.8	20.2	20.2
92.5°	21.2	57.2	93.3	102.2	143.7	199.0	226.7	198.7	142.6	100.6	96.6
95°	50.8	116.8	182.6	199.1	353.5	559.5	662.5	591.1	448.5	341.6	329.4
97.5°	87.9	146.1	204.2	218.7	476.3	819.6	991.3	946.2	856.1	788.5	765.5
100°	116.5	169.2	222.0	235.1	520.9	902.0	1092.4	1095.8	1102.3	1107.3	1079.8
102.5°	140.8	190.0	239.2	251.5	541.3	927.8	1121.0	1178.4	1293.3	1379.5	1355.9
105°	182.2	223.9	265.5	275.9	556.5	930.7	1117.9	1246.6	1504.0	1697.2	1684.5
107.5°	224.6	263.4	302.2	311.9	559.4	889.3	1054.3	1233.9	1593.0	1862.4	1865.5
110°	253.2	288.2	323.2	332.0	555.1	852.6	1001.4	1202.1	1603.6	1904.8	1917.9



TEST NUMBER: P934643

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	281.2	314.6	348.0	356.3	555.3	820.6	953.2	1158.7	1569.6	1877.8	1898.0
115°	323.5	354.4	385.2	392.9	560.4	783.7	895.5	1093.4	1489.3	1786.2	1814.3
117.5°	365.4	393.4	421.4	428.4	570.9	760.8	855.8	1034.3	1391.6	1659.6	1690.7
120°	389.7	416.0	442.4	449.0	579.3	753.0	839.9	1003.1	1329.5	1574.3	1604.6
122.5°	413.6	440.2	466.8	473.4	591.5	748.9	827.7	974.6	1268.6	1489.1	1518.9
125°	450.1	474.4	498.6	504.6	607.9	745.6	814.4	939.3	1188.9	1376.3	1403.8
127.5°	479.8	504.3	528.7	534.9	624.4	743.7	803.3	910.5	1124.9	1285.7	1308.9
130°	495.7	522.0	548.4	554.9	636.3	744.9	799.1	894.5	1085.4	1228.6	1250.0
132.5°	512.0	538.4	564.8	571.4	646.1	745.6	795.4	880.8	1051.7	1179.8	1199.0
135°	536.4	560.4	584.5	590.5	656.7	744.9	789.0	860.6	1003.7	1111.0	1127.5
137.5°	561.3	585.1	608.8	614.8	672.5	749.5	787.9	848.4	969.4	1060.1	1073.6
140°	582.0	603.9	625.7	631.2	682.2	750.3	784.3	836.5	941.0	1019.4	1032.0
142.5°	597.9	618.1	638.4	643.4	690.4	753.0	784.3	830.1	921.9	990.8	1001.6
145°	622.2	639.9	657.5	661.9	701.0	753.0	779.0	816.5	891.6	947.9	956.1
147.5°	646.6	663.7	681.0	685.3	716.5	758.1	779.0	808.5	867.5	911.9	918.7
150°	662.5	678.0	693.6	697.4	724.6	760.9	779.0	803.9	853.8	891.2	896.7
152.5°	678.9	690.6	702.4	705.3	729.9	762.6	779.0	800.2	842.9	874.8	879.0
155°	703.2	711.9	720.6	722.8	741.6	766.5	779.0	795.9	829.8	855.2	858.0
157.5°	721.2	729.7	738.1	740.3	753.2	770.3	779.0	792.1	818.5	838.2	840.2
160°	733.4	740.0	746.6	748.2	758.5	772.1	779.0	790.2	812.9	829.8	830.9
162.5°	745.6	750.5	755.5	756.8	764.2	774.0	779.0	788.5	807.6	821.8	822.9
165°	758.8	763.2	767.8	768.9	772.2	776.7	779.0	785.8	799.5	809.7	810.8
167.5°	771.0	773.2	775.3	775.8	778.6	782.4	784.3	788.7	797.7	804.4	804.8
170°	779.0	781.1	783.2	783.7	783.9	784.2	784.3	788.7	797.7	804.4	804.4
172.5°	783.2	783.7	784.2	784.3	784.3	784.3	784.3	787.8	794.9	800.1	799.7
175°	789.0	789.0	789.0	789.0	787.4	785.3	784.3	786.5	791.0	794.3	794.3
177.5°	789.0	789.0	789.0	789.0	787.8	786.1	785.3	787.1	790.6	793.2	792.8
180°	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0



TEST NUMBER: P934643

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0
2.5°	1241.9	1238.5	1241.9	1239.6	1240.7	1237.3	1227.0	1223.5	1227.0	1230.5	1230.5
5°	1256.8	1254.5	1256.8	1256.8	1255.7	1253.3	1241.9	1239.6	1241.9	1243.0	1240.7
7.5°	1261.4	1258.0	1261.4	1259.1	1259.1	1256.8	1245.3	1243.0	1244.2	1247.6	1244.2
10°	1261.4	1258.0	1261.4	1260.2	1259.1	1256.8	1245.3	1240.7	1240.7	1244.2	1240.7
12.5°	1255.7	1253.3	1255.7	1253.3	1253.3	1251.0	1239.6	1235.0	1236.2	1237.3	1232.7
15°	1246.4	1243.0	1246.4	1244.2	1245.3	1241.9	1229.3	1224.7	1224.7	1227.0	1218.9
17.5°	1232.7	1228.2	1232.7	1231.6	1230.5	1228.2	1216.7	1212.1	1211.0	1212.1	1206.4
20°	1216.7	1213.2	1216.7	1215.5	1215.5	1211.0	1199.5	1193.7	1193.7	1193.7	1188.0
22.5°	1191.5	1188.0	1191.5	1193.7	1193.7	1192.6	1182.3	1174.3	1172.0	1172.0	1165.1
25°	1162.8	1159.4	1162.8	1162.8	1161.7	1162.8	1159.4	1154.8	1151.4	1147.9	1141.0
27.5°	1135.3	1133.1	1135.3	1133.1	1135.3	1131.9	1130.8	1129.6	1125.1	1121.6	1112.4
30°	1107.8	1105.6	1107.8	1105.6	1103.3	1101.0	1095.2	1092.9	1097.6	1095.2	1080.4
32.5°	1073.5	1071.2	1073.5	1073.5	1071.2	1071.2	1062.0	1058.6	1059.7	1066.6	1052.9
35°	1037.9	1034.5	1037.9	1036.8	1037.9	1034.5	1028.8	1027.7	1023.1	1031.1	1020.8
37.5°	996.7	993.3	996.7	996.7	996.7	999.0	994.5	991.0	984.1	994.5	986.4
40°	954.3	949.7	954.3	953.2	954.3	956.6	954.3	952.0	945.2	953.2	946.3
42.5°	906.2	905.0	906.2	907.3	907.3	912.0	915.4	910.8	908.5	902.7	907.3
45°	854.6	852.3	854.6	856.9	858.1	860.4	870.7	870.7	867.3	858.1	865.0
47.5°	799.6	793.9	799.6	806.6	806.6	810.0	820.3	828.3	822.6	811.1	814.6
50°	741.2	742.4	741.2	745.8	745.8	758.4	766.4	774.4	780.2	766.4	750.4
52.5°	684.0	682.8	684.0	687.4	691.9	697.7	711.5	719.4	728.7	720.6	695.4
55°	626.7	629.0	626.7	627.8	630.1	633.5	654.2	662.2	679.4	669.0	642.7
57.5°	569.4	565.9	569.4	571.7	572.9	576.3	593.4	608.3	618.6	619.8	587.7
60°	502.9	498.4	502.9	513.2	515.6	517.9	533.8	547.6	556.8	560.2	527.0
62.5°	444.5	436.5	444.5	451.4	455.9	461.7	473.2	493.8	501.8	502.9	455.9
65°	382.6	379.2	382.6	396.4	397.5	404.4	417.0	431.9	449.1	446.8	379.2
67.5°	326.5	326.5	326.5	335.7	342.6	346.0	362.1	368.9	390.7	393.0	316.2
70°	274.9	273.8	274.9	281.9	286.4	294.4	309.4	317.3	334.6	340.3	256.7
72.5°	225.7	224.6	225.7	231.4	236.0	242.9	255.5	264.6	279.6	286.4	199.4
75°	182.2	179.9	182.2	186.7	185.6	194.7	205.1	214.2	228.0	232.6	147.8
77.5°	139.7	139.7	139.7	144.3	144.3	153.5	158.1	169.5	177.6	184.5	108.8
80°	104.3	103.1	104.3	105.4	105.4	110.0	118.0	126.0	132.9	132.9	74.5
82.5°	73.3	71.1	73.3	73.3	73.3	75.6	80.2	82.5	87.0	90.5	47.0
85°	45.9	45.9	45.9	47.0	45.9	48.1	49.3	51.6	51.6	49.3	28.6
87.5°	29.8	28.6	29.8	28.6	28.6	27.5	27.5	27.5	26.4	25.2	16.1
90°	20.2	20.2	20.2	20.2	20.2	26.8	35.8	40.2	34.6	23.3	14.9
92.5°	80.6	64.6	80.6	96.6	100.6	142.6	198.7	226.7	199.0	143.7	102.2
95°	281.0	232.5	281.0	329.4	341.6	448.5	591.1	662.5	559.5	353.5	199.1
97.5°	673.1	580.9	673.1	765.5	788.5	856.1	946.2	991.3	819.6	476.3	218.7
100°	969.9	860.0	969.9	1079.8	1107.3	1102.3	1095.8	1092.4	902.0	520.9	235.1
102.5°	1261.8	1167.7	1261.8	1355.9	1379.5	1293.3	1178.4	1121.0	927.8	541.3	251.5
105°	1633.9	1583.3	1633.9	1684.5	1697.2	1504.0	1246.6	1117.9	930.7	556.5	275.9
107.5°	1877.7	1889.9	1877.7	1865.5	1862.4	1593.0	1233.9	1054.3	889.3	559.4	311.9
110°	1970.7	2023.4	1970.7	1917.9	1904.8	1603.6	1202.1	1001.4	852.6	555.1	332.0



TEST NUMBER: P934643

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1978.9	2059.9	1978.9	1898.0	1877.8	1569.6	1158.7	953.2	820.6	555.3	356.3
115°	1926.5	2038.7	1926.5	1814.3	1786.2	1489.3	1093.4	895.5	783.7	560.4	392.9
117.5°	1815.2	1939.7	1815.2	1690.7	1659.6	1391.6	1034.3	855.8	760.8	570.9	428.4
120°	1725.6	1846.5	1725.6	1604.6	1574.3	1329.5	1003.1	839.9	753.0	579.3	449.0
122.5°	1638.2	1757.5	1638.2	1518.9	1489.1	1268.6	974.6	827.7	748.9	591.5	473.4
125°	1513.7	1623.6	1513.7	1403.8	1376.3	1188.9	939.3	814.4	745.6	607.9	504.6
127.5°	1401.6	1494.4	1401.6	1308.9	1285.7	1124.9	910.5	803.3	743.7	624.4	534.9
130°	1335.6	1421.3	1335.6	1250.0	1228.6	1085.4	894.5	799.1	744.9	636.3	554.9
132.5°	1275.7	1352.4	1275.7	1199.0	1179.8	1051.7	880.8	795.4	745.6	646.1	571.4
135°	1193.6	1259.8	1193.6	1127.5	1111.0	1003.7	860.6	789.0	744.9	656.7	590.5
137.5°	1127.8	1181.9	1127.8	1073.6	1060.1	969.4	848.4	787.9	749.5	672.5	614.8
140°	1082.7	1133.3	1082.7	1032.0	1019.4	941.0	836.5	784.3	750.3	682.2	631.2
142.5°	1045.2	1088.8	1045.2	1001.6	990.8	921.9	830.1	784.3	753.0	690.4	643.4
145°	989.1	1022.0	989.1	956.1	947.9	891.6	816.5	779.0	753.0	701.0	661.9
147.5°	945.9	973.3	945.9	918.7	911.9	867.5	808.5	779.0	758.1	716.5	685.3
150°	918.9	941.0	918.9	896.7	891.2	853.8	803.9	779.0	760.9	724.6	697.4
152.5°	895.6	912.4	895.6	879.0	874.8	842.9	800.2	779.0	762.6	729.9	705.3
155°	869.1	880.1	869.1	858.0	855.2	829.8	795.9	779.0	766.5	741.6	722.8
157.5°	848.0	855.8	848.0	840.2	838.2	818.5	792.1	779.0	770.3	753.2	740.3
160°	835.4	839.9	835.4	830.9	829.8	812.9	790.2	779.0	772.1	758.5	748.2
162.5°	827.1	831.4	827.1	822.9	821.8	807.6	788.5	779.0	774.0	764.2	756.8
165°	815.3	819.7	815.3	810.8	809.7	799.5	785.8	779.0	776.7	772.2	768.9
167.5°	806.7	808.6	806.7	804.8	804.4	797.7	788.7	784.3	782.4	778.6	775.8
170°	804.4	804.4	804.4	804.4	804.4	797.7	788.7	784.3	784.2	783.9	783.7
172.5°	798.1	796.5	798.1	799.7	800.1	794.9	787.8	784.3	784.3	784.3	784.3
175°	794.3	794.3	794.3	794.3	794.3	791.0	786.5	784.3	785.3	787.4	789.0
177.5°	790.9	789.0	790.9	792.8	793.2	790.6	787.1	785.3	786.1	787.8	789.0
180°	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0



TEST NUMBER: P934643

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0
2.5°	1228.2	1221.2	1221.2	1209.8	1205.3	1201.8	1196.0	1178.9	1174.3	1169.7	1176.6
5°	1238.5	1225.8	1216.7	1196.0	1178.9	1172.0	1150.3	1109.0	1081.5	1060.8	1049.4
7.5°	1240.7	1224.7	1207.5	1175.5	1134.2	1115.8	1049.4	973.8	953.2	934.8	923.4
10°	1238.5	1220.1	1196.0	1147.9	1050.6	1018.5	952.0	902.7	890.2	886.8	890.2
12.5°	1230.5	1213.2	1180.0	1099.9	963.5	941.8	902.7	874.1	871.8	877.5	908.5
15°	1216.7	1200.6	1161.7	1035.6	915.4	899.3	871.8	861.6	874.1	914.3	1007.0
17.5°	1203.0	1184.6	1136.5	972.7	878.7	867.3	847.8	868.4	939.5	993.3	1024.2
20°	1184.6	1162.8	1107.8	926.8	852.3	842.1	832.9	925.7	979.5	999.0	1016.2
22.5°	1162.8	1139.9	1068.9	894.8	824.8	816.9	822.6	957.7	979.5	993.3	1008.1
25°	1134.2	1114.7	1023.1	869.6	803.1	793.9	815.7	954.3	967.0	970.4	1000.2
27.5°	1107.8	1082.6	975.0	846.6	776.7	773.3	821.4	939.5	948.6	952.0	984.1
30°	1075.8	1037.9	921.1	822.6	749.2	748.1	822.6	921.1	918.8	928.0	960.0
32.5°	1042.5	971.5	860.4	792.8	722.9	721.7	814.6	893.6	891.3	903.9	928.0
35°	1011.6	920.0	777.9	758.4	689.7	690.8	795.1	861.6	862.7	874.1	889.1
37.5°	979.5	875.3	687.4	720.6	657.6	657.6	768.7	831.7	829.4	832.9	853.5
40°	941.8	805.4	607.2	671.3	627.8	624.4	736.7	799.6	791.6	790.5	819.1
42.5°	901.6	728.7	547.6	606.1	593.4	588.8	697.7	760.7	745.8	749.2	785.9
45°	858.1	708.0	501.8	512.1	557.9	554.5	655.3	716.0	705.7	714.9	752.7
47.5°	814.6	666.7	486.9	425.0	520.2	519.0	608.3	672.5	666.7	676.0	716.0
50°	755.0	621.0	485.7	364.3	477.7	482.3	552.2	630.1	630.1	638.1	680.5
52.5°	678.3	564.8	441.1	329.9	428.4	442.2	502.9	593.4	595.8	603.8	641.5
55°	608.3	506.4	409.0	303.6	370.0	399.8	454.8	555.6	560.2	568.3	602.6
57.5°	544.2	421.6	402.1	272.6	316.2	344.8	412.5	519.0	521.3	528.1	561.3
60°	475.4	304.8	368.9	239.4	269.2	291.0	373.5	475.4	483.4	488.0	516.7
62.5°	397.5	221.1	334.6	216.5	246.3	250.9	341.4	434.2	444.5	448.0	465.2
65°	283.0	185.6	284.1	197.0	222.2	223.4	307.1	391.8	401.0	406.7	419.3
67.5°	191.3	151.3	216.5	178.7	204.0	205.1	273.8	342.6	355.1	359.8	367.8
70°	132.9	100.8	160.4	159.2	183.3	185.6	238.3	297.8	309.4	312.8	317.3
72.5°	97.4	81.3	132.9	143.2	161.5	163.8	201.7	247.4	258.9	262.4	264.6
75°	74.5	85.9	107.7	124.9	137.5	138.6	164.9	201.7	209.7	211.9	213.1
77.5°	59.5	80.2	79.1	100.8	112.2	110.0	129.5	155.8	162.7	162.7	162.7
80°	44.7	63.0	59.5	72.2	82.5	80.2	92.8	111.1	113.4	115.7	114.5
82.5°	33.2	40.1	40.1	45.9	55.0	52.7	61.8	72.2	72.2	72.2	74.5
85°	20.6	22.9	18.4	24.1	30.9	29.8	34.3	38.9	40.1	40.1	37.8
87.5°	12.6	10.3	5.7	9.1	13.8	13.8	16.1	17.2	16.1	16.1	16.1
90°	13.8	9.6	5.3	9.6	13.8	14.9	23.3	34.6	40.2	35.8	26.8
92.5°	93.3	57.2	21.2	57.2	93.3	102.2	143.7	199.0	226.7	198.7	142.6
95°	182.6	116.8	50.8	116.8	182.6	199.1	353.5	559.5	662.5	591.1	448.5
97.5°	204.2	146.1	87.9	146.1	204.2	218.7	476.3	819.6	991.3	946.2	856.1
100°	222.0	169.2	116.5	169.2	222.0	235.1	520.9	902.0	1092.4	1095.8	1102.3
102.5°	239.2	190.0	140.8	190.0	239.2	251.5	541.3	927.8	1121.0	1178.4	1293.3
105°	265.5	223.9	182.2	223.9	265.5	275.9	556.5	930.7	1117.9	1246.6	1504.0
107.5°	302.2	263.4	224.6	263.4	302.2	311.9	559.4	889.3	1054.3	1233.9	1593.0
110°	323.2	288.2	253.2	288.2	323.2	332.0	555.1	852.6	1001.4	1202.1	1603.6



TEST NUMBER: P934643

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	348.0	314.6	281.2	314.6	348.0	356.3	555.3	820.6	953.2	1158.7	1569.6
115°	385.2	354.4	323.5	354.4	385.2	392.9	560.4	783.7	895.5	1093.4	1489.3
117.5°	421.4	393.4	365.4	393.4	421.4	428.4	570.9	760.8	855.8	1034.3	1391.6
120°	442.4	416.0	389.7	416.0	442.4	449.0	579.3	753.0	839.9	1003.1	1329.5
122.5°	466.8	440.2	413.6	440.2	466.8	473.4	591.5	748.9	827.7	974.6	1268.6
125°	498.6	474.4	450.1	474.4	498.6	504.6	607.9	745.6	814.4	939.3	1188.9
127.5°	528.7	504.3	479.8	504.3	528.7	534.9	624.4	743.7	803.3	910.5	1124.9
130°	548.4	522.0	495.7	522.0	548.4	554.9	636.3	744.9	799.1	894.5	1085.4
132.5°	564.8	538.4	512.0	538.4	564.8	571.4	646.1	745.6	795.4	880.8	1051.7
135°	584.5	560.4	536.4	560.4	584.5	590.5	656.7	744.9	789.0	860.6	1003.7
137.5°	608.8	585.1	561.3	585.1	608.8	614.8	672.5	749.5	787.9	848.4	969.4
140°	625.7	603.9	582.0	603.9	625.7	631.2	682.2	750.3	784.3	836.5	941.0
142.5°	638.4	618.1	597.9	618.1	638.4	643.4	690.4	753.0	784.3	830.1	921.9
145°	657.5	639.9	622.2	639.9	657.5	661.9	701.0	753.0	779.0	816.5	891.6
147.5°	681.0	663.7	646.6	663.7	681.0	685.3	716.5	758.1	779.0	808.5	867.5
150°	693.6	678.0	662.5	678.0	693.6	697.4	724.6	760.9	779.0	803.9	853.8
152.5°	702.4	690.6	678.9	690.6	702.4	705.3	729.9	762.6	779.0	800.2	842.9
155°	720.6	711.9	703.2	711.9	720.6	722.8	741.6	766.5	779.0	795.9	829.8
157.5°	738.1	729.7	721.2	729.7	738.1	740.3	753.2	770.3	779.0	792.1	818.5
160°	746.6	740.0	733.4	740.0	746.6	748.2	758.5	772.1	779.0	790.2	812.9
162.5°	755.5	750.5	745.6	750.5	755.5	756.8	764.2	774.0	779.0	788.5	807.6
165°	767.8	763.2	758.8	763.2	767.8	768.9	772.2	776.7	779.0	785.8	799.5
167.5°	775.3	773.2	771.0	773.2	775.3	775.8	778.6	782.4	784.3	788.7	797.7
170°	783.2	781.1	779.0	781.1	783.2	783.7	783.9	784.2	784.3	788.7	797.7
172.5°	784.2	783.7	783.2	783.7	784.2	784.3	784.3	784.3	784.3	787.8	794.9
175°	789.0	789.0	789.0	789.0	789.0	789.0	787.4	785.3	784.3	786.5	791.0
177.5°	789.0	789.0	789.0	789.0	789.0	789.0	787.8	786.1	785.3	787.1	790.6
180°	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0



TEST NUMBER: P934643

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0	1211.0
2.5°	1168.5	1165.1	1169.7	1157.1	1169.7	1165.1	1168.5	1176.6	1169.7	1174.3	1178.9
5°	1025.4	1019.7	1001.3	986.4	1001.3	1019.7	1025.4	1049.4	1060.8	1081.5	1109.0
7.5°	916.5	912.0	907.3	898.2	907.3	912.0	916.5	923.4	934.8	953.2	973.8
10°	892.5	893.6	900.5	899.3	900.5	893.6	892.5	890.2	886.8	890.2	902.7
12.5°	954.3	964.7	1002.4	1000.2	1002.4	964.7	954.3	908.5	877.5	871.8	874.1
15°	1025.4	1028.8	1036.8	1037.9	1036.8	1028.8	1025.4	1007.0	914.3	874.1	861.6
17.5°	1032.2	1033.4	1039.1	1039.1	1039.1	1033.4	1032.2	1024.2	993.3	939.5	868.4
20°	1026.5	1028.8	1040.2	1042.5	1040.2	1028.8	1026.5	1016.2	999.0	979.5	925.7
22.5°	1024.2	1028.8	1037.9	1036.8	1037.9	1028.8	1024.2	1008.1	993.3	979.5	957.7
25°	1012.7	1012.7	1013.9	1015.0	1013.9	1012.7	1012.7	1000.2	970.4	967.0	954.3
27.5°	988.7	991.0	997.9	996.7	997.9	991.0	988.7	984.1	952.0	948.6	939.5
30°	967.0	964.7	958.9	954.3	958.9	964.7	967.0	960.0	928.0	918.8	921.1
32.5°	930.2	924.5	918.8	915.4	918.8	924.5	930.2	928.0	903.9	891.3	893.6
35°	886.8	887.9	886.8	883.3	886.8	887.9	886.8	889.1	874.1	862.7	861.6
37.5°	855.8	858.1	856.9	852.3	856.9	858.1	855.8	853.5	832.9	829.4	831.7
40°	823.7	824.8	823.7	820.3	823.7	824.8	823.7	819.1	790.5	791.6	799.6
42.5°	792.8	791.6	788.2	785.9	788.2	791.6	792.8	785.9	749.2	745.8	760.7
45°	757.3	758.4	751.5	748.1	751.5	758.4	757.3	752.7	714.9	705.7	716.0
47.5°	721.7	721.7	716.0	712.6	716.0	721.7	721.7	716.0	676.0	666.7	672.5
50°	684.0	682.8	674.8	673.7	674.8	682.8	684.0	680.5	638.1	630.1	630.1
52.5°	640.4	640.4	641.5	643.8	641.5	640.4	640.4	641.5	603.8	595.8	593.4
55°	602.6	603.8	611.8	614.0	611.8	603.8	602.6	602.6	568.3	560.2	555.6
57.5°	563.6	563.6	569.4	569.4	569.4	563.6	563.6	561.3	528.1	521.3	519.0
60°	519.0	521.3	525.9	524.7	525.9	521.3	519.0	516.7	488.0	483.4	475.4
62.5°	472.0	474.3	475.4	473.2	475.4	474.3	472.0	465.2	448.0	444.5	434.2
65°	422.7	425.0	426.2	423.9	426.2	425.0	422.7	419.3	406.7	401.0	391.8
67.5°	372.3	371.2	370.0	374.6	370.0	371.2	372.3	367.8	359.8	355.1	342.6
70°	320.8	320.8	319.6	321.9	319.6	320.8	320.8	317.3	312.8	309.4	297.8
72.5°	265.8	264.6	269.2	265.8	269.2	264.6	265.8	264.6	262.4	258.9	247.4
75°	211.9	214.2	211.9	215.4	211.9	214.2	211.9	213.1	211.9	209.7	201.7
77.5°	161.5	163.8	161.5	161.5	161.5	163.8	161.5	162.7	162.7	162.7	155.8
80°	114.5	113.4	113.4	112.2	113.4	113.4	114.5	114.5	115.7	113.4	111.1
82.5°	73.3	72.2	72.2	74.5	72.2	72.2	73.3	74.5	72.2	72.2	72.2
85°	40.1	41.3	38.9	38.9	38.9	41.3	40.1	37.8	40.1	40.1	38.9
87.5°	14.9	13.8	13.8	13.8	13.8	13.8	14.9	16.1	16.1	16.1	17.2
90°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	26.8	35.8	40.2	34.6
92.5°	100.6	96.6	80.6	64.6	80.6	96.6	100.6	142.6	198.7	226.7	199.0
95°	341.6	329.4	281.0	232.5	281.0	329.4	341.6	448.5	591.1	662.5	559.5
97.5°	788.5	765.5	673.1	580.9	673.1	765.5	788.5	856.1	946.2	991.3	819.6
100°	1107.3	1079.8	969.9	860.0	969.9	1079.8	1107.3	1102.3	1095.8	1092.4	902.0
102.5°	1379.5	1355.9	1261.8	1167.7	1261.8	1355.9	1379.5	1293.3	1178.4	1121.0	927.8
105°	1697.2	1684.5	1633.9	1583.3	1633.9	1684.5	1697.2	1504.0	1246.6	1117.9	930.7
107.5°	1862.4	1865.5	1877.7	1889.9	1877.7	1865.5	1862.4	1593.0	1233.9	1054.3	889.3
110°	1904.8	1917.9	1970.7	2023.4	1970.7	1917.9	1904.8	1603.6	1202.1	1001.4	852.6



TEST NUMBER: P934643

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1877.8	1898.0	1978.9	2059.9	1978.9	1898.0	1877.8	1569.6	1158.7	953.2	820.6
115°	1786.2	1814.3	1926.5	2038.7	1926.5	1814.3	1786.2	1489.3	1093.4	895.5	783.7
117.5°	1659.6	1690.7	1815.2	1939.7	1815.2	1690.7	1659.6	1391.6	1034.3	855.8	760.8
120°	1574.3	1604.6	1725.6	1846.5	1725.6	1604.6	1574.3	1329.5	1003.1	839.9	753.0
122.5°	1489.1	1518.9	1638.2	1757.5	1638.2	1518.9	1489.1	1268.6	974.6	827.7	748.9
125°	1376.3	1403.8	1513.7	1623.6	1513.7	1403.8	1376.3	1188.9	939.3	814.4	745.6
127.5°	1285.7	1308.9	1401.6	1494.4	1401.6	1308.9	1285.7	1124.9	910.5	803.3	743.7
130°	1228.6	1250.0	1335.6	1421.3	1335.6	1250.0	1228.6	1085.4	894.5	799.1	744.9
132.5°	1179.8	1199.0	1275.7	1352.4	1275.7	1199.0	1179.8	1051.7	880.8	795.4	745.6
135°	1111.0	1127.5	1193.6	1259.8	1193.6	1127.5	1111.0	1003.7	860.6	789.0	744.9
137.5°	1060.1	1073.6	1127.8	1181.9	1127.8	1073.6	1060.1	969.4	848.4	787.9	749.5
140°	1019.4	1032.0	1082.7	1133.3	1082.7	1032.0	1019.4	941.0	836.5	784.3	750.3
142.5°	990.8	1001.6	1045.2	1088.8	1045.2	1001.6	990.8	921.9	830.1	784.3	753.0
145°	947.9	956.1	989.1	1022.0	989.1	956.1	947.9	891.6	816.5	779.0	753.0
147.5°	911.9	918.7	945.9	973.3	945.9	918.7	911.9	867.5	808.5	779.0	758.1
150°	891.2	896.7	918.9	941.0	918.9	896.7	891.2	853.8	803.9	779.0	760.9
152.5°	874.8	879.0	895.6	912.4	895.6	879.0	874.8	842.9	800.2	779.0	762.6
155°	855.2	858.0	869.1	880.1	869.1	858.0	855.2	829.8	795.9	779.0	766.5
157.5°	838.2	840.2	848.0	855.8	848.0	840.2	838.2	818.5	792.1	779.0	770.3
160°	829.8	830.9	835.4	839.9	835.4	830.9	829.8	812.9	790.2	779.0	772.1
162.5°	821.8	822.9	827.1	831.4	827.1	822.9	821.8	807.6	788.5	779.0	774.0
165°	809.7	810.8	815.3	819.7	815.3	810.8	809.7	799.5	785.8	779.0	776.7
167.5°	804.4	804.8	806.7	808.6	806.7	804.8	804.4	797.7	788.7	784.3	782.4
170°	804.4	804.4	804.4	804.4	804.4	804.4	804.4	797.7	788.7	784.3	784.2
172.5°	800.1	799.7	798.1	796.5	798.1	799.7	800.1	794.9	787.8	784.3	784.3
175°	794.3	794.3	794.3	794.3	794.3	794.3	794.3	791.0	786.5	784.3	785.3
177.5°	793.2	792.8	790.9	789.0	790.9	792.8	793.2	790.6	787.1	785.3	786.1
180°	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0



TEST NUMBER: P934643

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1211.0	1211.0	1211.0	1211.0	1211.0
2.5°	1196.0	1201.8	1205.3	1209.8	1221.2
5°	1150.3	1172.0	1178.9	1196.0	1216.7
7.5°	1049.4	1115.8	1134.2	1175.5	1207.5
10°	952.0	1018.5	1050.6	1147.9	1196.0
12.5°	902.7	941.8	963.5	1099.9	1180.0
15°	871.8	899.3	915.4	1035.6	1161.7
17.5°	847.8	867.3	878.7	972.7	1136.5
20°	832.9	842.1	852.3	926.8	1107.8
22.5°	822.6	816.9	824.8	894.8	1068.9
25°	815.7	793.9	803.1	869.6	1023.1
27.5°	821.4	773.3	776.7	846.6	975.0
30°	822.6	748.1	749.2	822.6	921.1
32.5°	814.6	721.7	722.9	792.8	860.4
35°	795.1	690.8	689.7	758.4	777.9
37.5°	768.7	657.6	657.6	720.6	687.4
40°	736.7	624.4	627.8	671.3	607.2
42.5°	697.7	588.8	593.4	606.1	547.6
45°	655.3	554.5	557.9	512.1	501.8
47.5°	608.3	519.0	520.2	425.0	486.9
50°	552.2	482.3	477.7	364.3	485.7
52.5°	502.9	442.2	428.4	329.9	441.1
55°	454.8	399.8	370.0	303.6	409.0
57.5°	412.5	344.8	316.2	272.6	402.1
60°	373.5	291.0	269.2	239.4	368.9
62.5°	341.4	250.9	246.3	216.5	334.6
65°	307.1	223.4	222.2	197.0	284.1
67.5°	273.8	205.1	204.0	178.7	216.5
70°	238.3	185.6	183.3	159.2	160.4
72.5°	201.7	163.8	161.5	143.2	132.9
75°	164.9	138.6	137.5	124.9	107.7
77.5°	129.5	110.0	112.2	100.8	79.1
80°	92.8	80.2	82.5	72.2	59.5
82.5°	61.8	52.7	55.0	45.9	40.1
85°	34.3	29.8	30.9	24.1	18.4
87.5°	16.1	13.8	13.8	9.1	5.7
90°	23.3	14.9	13.8	9.6	5.3
92.5°	143.7	102.2	93.3	57.2	21.2
95°	353.5	199.1	182.6	116.8	50.8
97.5°	476.3	218.7	204.2	146.1	87.9
100°	520.9	235.1	222.0	169.2	116.5
102.5°	541.3	251.5	239.2	190.0	140.8
105°	556.5	275.9	265.5	223.9	182.2
107.5°	559.4	311.9	302.2	263.4	224.6
110°	555.1	332.0	323.2	288.2	253.2



TEST NUMBER: P934643

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	555.3	356.3	348.0	314.6	281.2
115°	560.4	392.9	385.2	354.4	323.5
117.5°	570.9	428.4	421.4	393.4	365.4
120°	579.3	449.0	442.4	416.0	389.7
122.5°	591.5	473.4	466.8	440.2	413.6
125°	607.9	504.6	498.6	474.4	450.1
127.5°	624.4	534.9	528.7	504.3	479.8
130°	636.3	554.9	548.4	522.0	495.7
132.5°	646.1	571.4	564.8	538.4	512.0
135°	656.7	590.5	584.5	560.4	536.4
137.5°	672.5	614.8	608.8	585.1	561.3
140°	682.2	631.2	625.7	603.9	582.0
142.5°	690.4	643.4	638.4	618.1	597.9
145°	701.0	661.9	657.5	639.9	622.2
147.5°	716.5	685.3	681.0	663.7	646.6
150°	724.6	697.4	693.6	678.0	662.5
152.5°	729.9	705.3	702.4	690.6	678.9
155°	741.6	722.8	720.6	711.9	703.2
157.5°	753.2	740.3	738.1	729.7	721.2
160°	758.5	748.2	746.6	740.0	733.4
162.5°	764.2	756.8	755.5	750.5	745.6
165°	772.2	768.9	767.8	763.2	758.8
167.5°	778.6	775.8	775.3	773.2	771.0
170°	783.9	783.7	783.2	781.1	779.0
172.5°	784.3	784.3	784.2	783.7	783.2
175°	787.4	789.0	789.0	789.0	789.0
177.5°	787.8	789.0	789.0	789.0	789.0
180°	789.0	789.0	789.0	789.0	789.0



TEST NUMBER: P934643

CATALOG NUMBER: SQ4-FA-075U-050D-92765-1D-UNV-STD-W-8-2700K

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	9.59	10.35	10.64	11.41	12.84	12.43	13.19	13.48	14.25	15.68
	3H	10.06	10.74	11.12	11.81	13.26	13.77	14.45	14.83	15.52	16.97
	4H	10.24	10.89	11.32	11.96	13.42	14.21	14.86	15.28	15.92	17.38
	6H	10.36	10.95	11.44	12.03	13.50	14.49	15.09	15.57	16.16	17.63
	8H	10.36	10.92	11.44	12.01	13.47	14.56	15.13	15.65	16.22	17.68
	12H	10.32	10.86	11.42	11.94	13.43	14.60	15.14	15.69	16.22	17.71
4H	2H	10.61	11.26	11.69	12.33	13.78	12.82	13.47	13.90	14.54	16.00
	3H	11.63	12.17	12.72	13.26	14.73	14.32	14.86	15.41	15.96	17.43
	4H	11.90	12.40	12.99	13.48	14.97	14.85	15.34	15.94	16.43	17.92
	6H	12.02	12.44	13.12	13.55	15.04	15.21	15.63	16.31	16.74	18.23
	8H	12.02	12.42	13.12	13.52	15.02	15.31	15.71	16.42	16.81	18.31
	12H	11.99	12.34	13.10	13.46	14.96	15.37	15.73	16.49	16.84	18.35
8H	4H	12.35	12.74	13.45	13.84	15.35	14.96	15.36	16.07	16.46	17.96
	6H	12.60	12.93	13.73	14.07	15.57	15.40	15.72	16.52	16.87	18.37
	8H	12.65	12.93	13.78	14.06	15.57	15.55	15.84	16.68	16.96	18.48
	12H	12.63	12.88	13.76	14.00	15.55	15.65	15.90	16.78	17.02	18.57
12H	4H	12.35	12.71	13.47	13.82	15.33	14.92	15.28	16.04	16.40	17.90
	6H	12.66	12.95	13.80	14.08	15.59	15.39	15.68	16.52	16.80	18.32
	8H	12.73	12.98	13.86	14.10	15.65	15.55	15.80	16.69	16.92	18.48