

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: P936031

Luminaire Tested: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-4-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936031
REPORT IS A COMBINATION OF REPORTS P933778 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-4-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

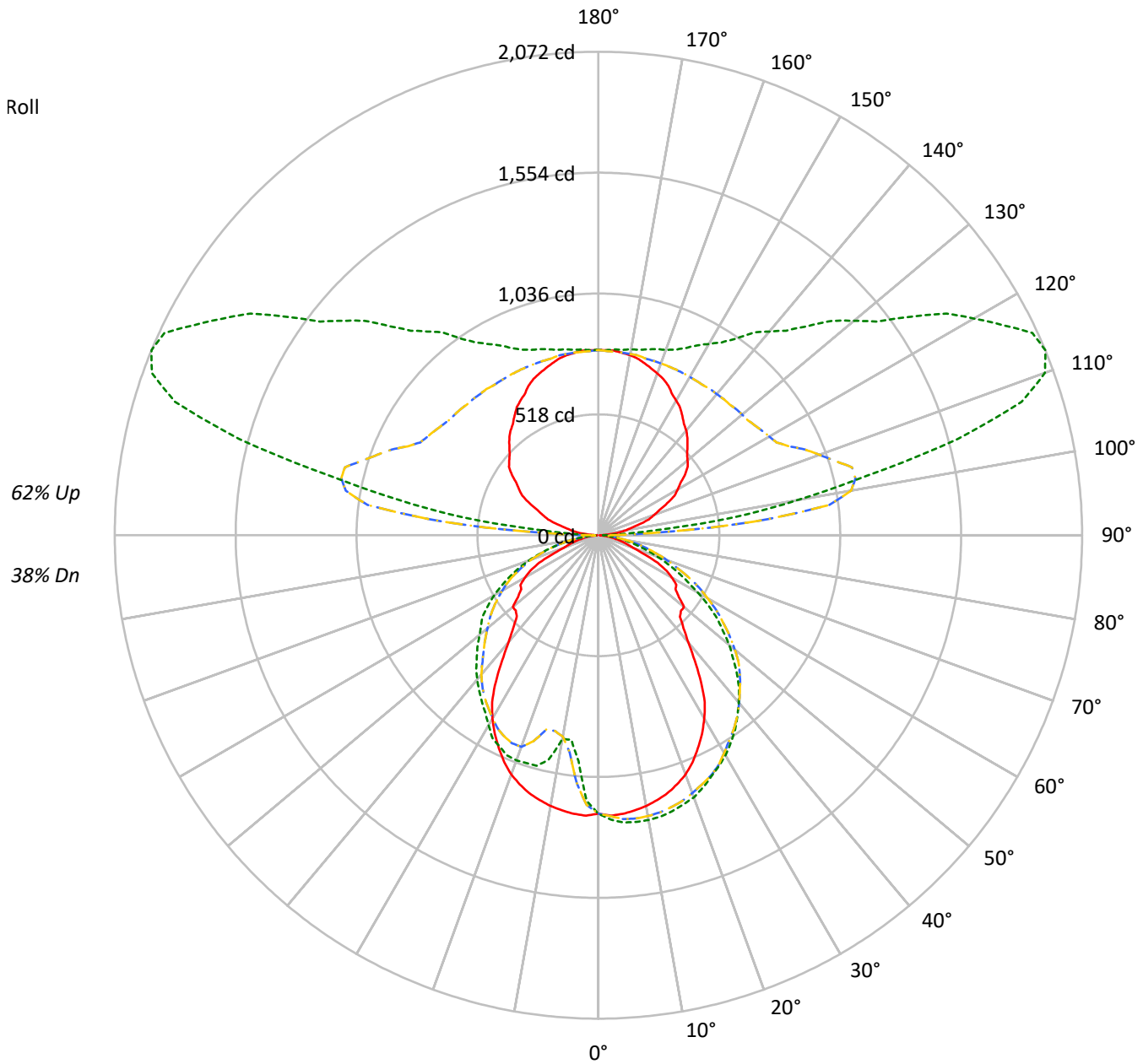
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8241.5 lumens
Efficiency: N/A
Efficacy: 113.8 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 72.4
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: P936031
CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-4-2700K

Luminous Intensity Polar Plot



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



TEST NUMBER: P936031

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-4-2700K

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	76	76	76	60	60	60	45	45	45	38
1	95	91	87	84	86	83	79	76	67	65	63	53	51	50	40	39	38	32
2	87	79	73	68	78	72	67	63	59	55	52	46	44	42	35	33	32	27
3	79	70	62	57	71	63	57	52	52	47	44	41	38	35	31	29	27	23
4	72	62	54	48	65	56	49	44	46	41	37	36	33	30	28	25	23	19
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	29	26	23	22	20	18	15
7	56	44	36	31	51	40	34	29	33	28	24	27	23	20	20	18	16	13
8	52	40	32	27	47	37	30	25	30	25	21	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	10
10	45	33	26	21	41	31	24	20	25	21	17	21	17	14	16	13	11	9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11068	11068	11068	11068
5°	11139	11174	11139	8786
10°	11053	11006	11053	7869
15°	10920	10767	10920	8991
20°	10678	10485	10678	9010
25°	10199	10074	10199	8818
30°	9583	9731	9583	8401
35°	8530	9299	8530	7939
40°	7096	8789	7096	7591
45°	6328	8193	6328	7191
50°	6708	7482	6708	6790
55°	6293	6716	6293	6557
60°	6462	5704	6462	6005
65°	5833	4714	5833	5271
70°	4011	3757	4011	4418
75°	3479	2776	3479	3327
80°	2747	1837	2747	2000
85°	1490	972	1490	827

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 9717 cd/sqm



TEST NUMBER: P936031

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-4-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.7	1.3
10°-20°	305.7	3.7
20°-30°	472.6	5.7
30°-40°	564.2	6.8
40°-50°	567.5	6.9
50°-60°	493.8	6.0
60°-70°	350.1	4.2
70°-80°	185.2	2.2
80°-90°	49.2	0.6
90°-100°	386.9	4.7
100°-110°	1017.2	12.3
110°-120°	1054.8	12.8
120°-130°	846.0	10.3
130°-140°	663.8	8.1
140°-150°	509.5	6.2
150°-160°	367.0	4.5
160°-170°	224.5	2.7
170°-180°	75.9	0.9
0°-30°	886.0	10.8
0°-40°	1450.1	17.6
0°-60°	2511.4	30.5
0°-90°	3095.8	37.6
90°-120°	2458.9	29.8
90°-150°	4478.3	54.3
90°-180°	5146.0	62.4
0°-180°	8241.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1193	1193	1193	1193	1193	
5°	1198	1236	1198	972	1198	114
15°	1144	1224	1144	1022	1144	322
25°	1008	1142	1008	1000	1008	463
35°	766	1019	766	870	766	474
45°	494	840	494	737	494	396
55°	403	620	403	605	403	370
65°	280	374	280	418	280	267
75°	106	177	106	212	106	112
85°	18	45	18	38	18	24
90°	5	20	5	20	5	5
95°	51	234	51	234	51	57
105°	183	1593	183	1593	183	194
115°	326	2051	326	2051	326	321
125°	453	1633	453	1633	453	402
135°	540	1267	540	1267	540	418
145°	626	1028	626	1028	626	392
155°	708	885	708	885	708	325
165°	763	825	763	825	763	215
175°	794	799	794	799	794	75
180°	794	794	794	794	794	



TEST NUMBER: P936031

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8
2.5°	1203.0	1203.0	1209.8	1212.0	1212.0	1208.6	1205.3	1208.6	1218.8	1222.2	1221.1
5°	1198.5	1207.5	1220.0	1222.2	1224.4	1223.3	1221.1	1223.3	1234.6	1236.9	1238.0
7.5°	1189.5	1206.4	1222.2	1225.6	1228.9	1225.6	1224.4	1226.7	1238.0	1240.2	1240.2
10°	1178.2	1201.8	1220.0	1222.2	1225.6	1222.2	1222.2	1226.7	1238.0	1240.2	1241.4
12.5°	1162.4	1195.1	1212.0	1214.3	1218.8	1217.6	1216.5	1221.1	1232.3	1234.6	1234.6
15°	1144.3	1182.7	1198.5	1200.7	1208.6	1206.4	1206.4	1210.9	1223.3	1226.7	1225.6
17.5°	1119.5	1166.9	1184.9	1188.3	1194.0	1192.8	1194.0	1198.5	1209.8	1212.0	1213.1
20°	1091.2	1145.5	1166.9	1170.2	1175.9	1175.9	1175.9	1181.5	1192.8	1197.3	1197.3
22.5°	1052.9	1122.8	1145.5	1147.7	1154.4	1154.4	1156.7	1164.6	1174.8	1175.9	1175.9
25°	1007.8	1098.1	1117.2	1124.0	1130.8	1134.1	1137.5	1142.1	1145.5	1144.3	1145.5
27.5°	960.4	1066.5	1091.2	1095.8	1104.8	1108.2	1112.7	1113.9	1115.0	1118.3	1116.1
30°	907.3	1022.4	1059.6	1064.2	1078.8	1081.1	1076.6	1078.8	1084.5	1086.8	1089.0
32.5°	847.5	957.0	1026.9	1037.1	1050.7	1043.8	1042.7	1046.1	1055.2	1055.2	1057.4
35°	766.2	906.2	996.5	1005.5	1015.6	1007.8	1012.2	1013.4	1019.1	1022.4	1021.3
37.5°	677.1	862.2	964.9	971.7	979.5	969.3	976.2	979.5	984.0	981.8	981.8
40°	598.1	793.3	927.7	932.1	938.9	931.0	937.7	940.1	942.3	940.1	938.9
42.5°	539.5	717.7	888.1	893.8	889.2	894.9	897.2	901.7	898.3	893.8	893.8
45°	494.3	697.4	845.2	852.0	845.2	854.3	857.6	857.6	847.5	845.2	844.1
47.5°	479.6	656.8	802.4	802.4	799.0	810.2	815.9	808.0	797.8	794.5	794.5
50°	478.5	611.6	743.7	739.2	755.0	768.5	762.9	755.0	747.1	734.6	734.6
52.5°	434.5	556.4	668.1	685.0	709.9	717.7	708.7	700.8	687.2	681.6	677.1
55°	402.9	498.8	599.3	633.1	659.0	669.2	652.3	644.4	624.0	620.7	618.4
57.5°	396.1	415.3	536.1	578.9	610.5	609.4	599.3	584.6	567.7	564.2	563.1
60°	363.3	300.1	468.3	519.1	551.9	548.4	539.5	525.9	510.1	507.9	505.6
62.5°	329.5	217.8	391.6	449.2	495.4	494.3	486.4	466.1	454.8	449.2	444.7
65°	279.9	182.8	278.7	373.5	440.1	442.4	425.4	410.8	398.4	391.6	390.4
67.5°	213.3	149.0	188.4	311.5	387.1	384.8	363.3	356.6	340.8	337.4	330.6
70°	158.0	99.3	130.9	252.8	335.2	329.5	312.6	304.7	290.1	282.1	277.6
72.5°	130.9	80.1	95.9	196.4	282.1	275.4	260.7	251.6	239.2	232.5	228.0
75°	106.1	84.6	73.4	145.5	229.1	224.6	211.1	202.0	191.8	182.8	184.0
77.5°	77.9	79.0	58.7	107.2	181.7	174.9	167.0	155.7	151.2	142.2	142.2
80°	58.7	62.1	44.0	73.4	130.9	130.9	124.1	116.2	108.3	103.9	103.9
82.5°	39.5	39.5	32.7	46.3	89.2	85.8	81.2	79.0	74.5	72.3	72.3
85°	18.0	22.5	20.3	28.2	48.5	50.8	50.8	48.5	47.4	45.1	46.3
87.5°	5.6	10.2	12.4	15.8	24.9	26.0	27.1	27.1	27.1	28.2	28.2
90°	5.3	9.6	13.8	14.9	23.5	34.8	40.5	36.0	27.0	20.2	20.2
92.5°	21.3	57.5	93.8	102.8	144.5	200.1	228.0	199.8	143.5	101.2	97.2
95°	51.2	117.4	183.7	200.3	355.7	562.9	666.5	594.7	451.2	343.6	331.4
97.5°	88.4	146.9	205.4	220.0	479.1	824.6	997.3	951.9	861.2	793.2	770.0
100°	117.2	170.2	223.3	236.5	524.0	907.3	1099.0	1102.3	1109.0	1114.0	1086.3
102.5°	141.7	191.2	240.7	253.1	544.7	933.4	1127.8	1185.5	1301.1	1387.8	1364.1
105°	183.3	225.2	267.1	277.6	559.9	936.3	1124.5	1254.0	1513.1	1707.4	1694.7
107.5°	225.9	265.0	304.1	313.8	562.8	894.7	1060.7	1241.3	1602.6	1873.6	1876.7
110°	254.6	289.9	325.3	334.0	558.5	857.7	1007.4	1209.4	1613.3	1916.2	1929.5



TEST NUMBER: P936031

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	282.9	316.5	350.2	358.6	558.7	825.5	958.9	1165.6	1579.0	1889.1	1909.4
115°	325.5	356.5	387.5	395.3	563.8	788.5	900.8	1099.9	1498.2	1796.9	1825.2
117.5°	367.6	395.8	424.0	431.0	574.3	765.4	860.9	1040.6	1400.0	1669.6	1700.9
120°	392.0	418.6	445.1	451.7	582.8	757.5	844.9	1009.1	1337.5	1583.8	1614.2
122.5°	416.0	442.8	469.6	476.3	595.1	753.5	832.7	980.5	1276.2	1498.1	1528.0
125°	452.9	477.2	501.6	507.7	611.6	750.1	819.4	944.9	1196.1	1384.5	1412.2
127.5°	482.7	507.3	531.9	538.0	628.0	748.1	808.2	916.1	1131.7	1293.5	1316.8
130°	498.6	525.1	551.6	558.3	640.2	749.3	803.9	899.9	1091.9	1235.9	1257.4
132.5°	515.1	541.7	568.2	574.8	649.9	750.1	800.1	886.1	1058.0	1186.9	1206.2
135°	539.6	563.8	587.9	594.0	660.6	749.3	793.7	865.7	1009.7	1117.6	1134.3
137.5°	564.7	588.6	612.5	618.5	676.6	754.0	792.7	853.5	975.2	1066.5	1080.1
140°	585.5	607.5	629.6	635.0	686.4	754.8	789.0	841.5	946.6	1025.5	1038.2
142.5°	601.5	621.8	642.1	647.3	694.5	757.4	789.0	835.2	927.5	996.8	1007.7
145°	626.0	643.8	661.4	665.9	705.2	757.5	783.7	821.4	896.9	953.5	961.8
147.5°	650.4	667.8	685.0	689.4	720.8	762.7	783.7	813.4	872.7	917.3	924.2
150°	666.5	682.1	697.7	701.6	728.9	765.4	783.7	808.8	858.9	896.6	902.1
152.5°	683.0	694.8	706.6	709.6	734.3	767.2	783.7	805.1	848.0	880.1	884.3
155°	707.5	716.3	725.0	727.2	746.0	771.1	783.7	800.7	834.8	860.4	863.2
157.5°	725.6	734.1	742.6	744.7	757.7	775.0	783.7	796.9	823.4	843.3	845.2
160°	737.8	744.5	751.1	752.7	763.1	776.8	783.7	795.0	817.7	834.7	835.8
162.5°	750.1	755.0	760.0	761.3	768.7	778.7	783.7	793.2	812.4	826.8	827.8
165°	763.4	767.9	772.4	773.5	776.9	781.4	783.7	790.5	804.2	814.5	815.6
167.5°	775.6	777.8	779.9	780.4	783.2	787.1	789.0	793.5	802.5	809.2	809.7
170°	783.7	785.8	787.9	788.4	788.6	788.9	789.0	793.5	802.5	809.2	809.2
172.5°	787.9	788.4	788.9	789.0	789.0	789.0	789.0	792.5	799.6	804.9	804.5
175°	793.7	793.7	793.7	793.7	792.1	790.0	789.0	791.2	795.7	799.1	799.1
177.5°	793.7	793.7	793.7	793.7	792.5	790.9	790.1	791.9	795.4	798.0	797.5
180°	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7



TEST NUMBER: P936031

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8
2.5°	1223.3	1220.0	1223.3	1221.1	1222.2	1218.8	1208.6	1205.3	1208.6	1212.0	1212.0
5°	1238.0	1235.8	1238.0	1238.0	1236.9	1234.6	1223.3	1221.1	1223.3	1224.4	1222.2
7.5°	1242.5	1239.1	1242.5	1240.2	1240.2	1238.0	1226.7	1224.4	1225.6	1228.9	1225.6
10°	1242.5	1239.1	1242.5	1241.4	1240.2	1238.0	1226.7	1222.2	1222.2	1225.6	1222.2
12.5°	1236.9	1234.6	1236.9	1234.6	1234.6	1232.3	1221.1	1216.5	1217.6	1218.8	1214.3
15°	1227.8	1224.4	1227.8	1225.6	1226.7	1223.3	1210.9	1206.4	1206.4	1208.6	1200.7
17.5°	1214.3	1209.8	1214.3	1213.1	1212.0	1209.8	1198.5	1194.0	1192.8	1194.0	1188.3
20°	1198.5	1195.1	1198.5	1197.3	1197.3	1192.8	1181.5	1175.9	1175.9	1175.9	1170.2
22.5°	1173.7	1170.2	1173.7	1175.9	1175.9	1174.8	1164.6	1156.7	1154.4	1154.4	1147.7
25°	1145.5	1142.1	1145.5	1145.5	1144.3	1145.5	1142.1	1137.5	1134.1	1130.8	1124.0
27.5°	1118.3	1116.1	1118.3	1116.1	1118.3	1115.0	1113.9	1112.7	1108.2	1104.8	1095.8
30°	1091.2	1089.0	1091.2	1089.0	1086.8	1084.5	1078.8	1076.6	1081.1	1078.8	1064.2
32.5°	1057.4	1055.2	1057.4	1057.4	1055.2	1055.2	1046.1	1042.7	1043.8	1050.7	1037.1
35°	1022.4	1019.1	1022.4	1021.3	1022.4	1019.1	1013.4	1012.2	1007.8	1015.6	1005.5
37.5°	981.8	978.4	981.8	981.8	981.8	984.0	979.5	976.2	969.3	979.5	971.7
40°	940.1	935.5	940.1	938.9	940.1	942.3	940.1	937.7	931.0	938.9	932.1
42.5°	892.6	891.5	892.6	893.8	893.8	898.3	901.7	897.2	894.9	889.2	893.8
45°	841.8	839.6	841.8	844.1	845.2	847.5	857.6	857.6	854.3	845.2	852.0
47.5°	787.7	782.0	787.7	794.5	794.5	797.8	808.0	815.9	810.2	799.0	802.4
50°	730.1	731.3	730.1	734.6	734.6	747.1	755.0	762.9	768.5	755.0	739.2
52.5°	673.7	672.6	673.7	677.1	681.6	687.2	700.8	708.7	717.7	709.9	685.0
55°	617.3	619.6	617.3	618.4	620.7	624.0	644.4	652.3	669.2	659.0	633.1
57.5°	560.9	557.5	560.9	563.1	564.2	567.7	584.6	599.3	609.4	610.5	578.9
60°	495.4	490.9	495.4	505.6	507.9	510.1	525.9	539.5	548.4	551.9	519.1
62.5°	437.8	430.0	437.8	444.7	449.2	454.8	466.1	486.4	494.3	495.4	449.2
65°	376.9	373.5	376.9	390.4	391.6	398.4	410.8	425.4	442.4	440.1	373.5
67.5°	321.7	321.7	321.7	330.6	337.4	340.8	356.6	363.3	384.8	387.1	311.5
70°	270.8	269.7	270.8	277.6	282.1	290.1	304.7	312.6	329.5	335.2	252.8
72.5°	222.3	221.2	222.3	228.0	232.5	239.2	251.6	260.7	275.4	282.1	196.4
75°	179.5	177.1	179.5	184.0	182.8	191.8	202.0	211.1	224.6	229.1	145.5
77.5°	137.7	137.7	137.7	142.2	142.2	151.2	155.7	167.0	174.9	181.7	107.2
80°	102.7	101.6	102.7	103.9	103.9	108.3	116.2	124.1	130.9	130.9	73.4
82.5°	72.3	70.0	72.3	72.3	72.3	74.5	79.0	81.2	85.8	89.2	46.3
85°	45.1	45.1	45.1	46.3	45.1	47.4	48.5	50.8	50.8	48.5	28.2
87.5°	29.4	28.2	29.4	28.2	28.2	27.1	27.1	27.1	26.0	24.9	15.8
90°	20.2	20.2	20.2	20.2	20.2	27.0	36.0	40.5	34.8	23.5	14.9
92.5°	81.1	65.0	81.1	97.2	101.2	143.5	199.8	228.0	200.1	144.5	102.8
95°	282.6	233.9	282.6	331.4	343.6	451.2	594.7	666.5	562.9	355.7	200.3
97.5°	677.2	584.4	677.2	770.0	793.2	861.2	951.9	997.3	824.6	479.1	220.0
100°	975.8	865.1	975.8	1086.3	1114.0	1109.0	1102.3	1099.0	907.3	524.0	236.5
102.5°	1269.4	1174.7	1269.4	1364.1	1387.8	1301.1	1185.5	1127.8	933.4	544.7	253.1
105°	1643.8	1592.9	1643.8	1694.7	1707.4	1513.1	1254.0	1124.5	936.3	559.9	277.6
107.5°	1889.0	1901.3	1889.0	1876.7	1873.6	1602.6	1241.3	1060.7	894.7	562.8	313.8
110°	1982.5	2035.6	1982.5	1929.5	1916.2	1613.3	1209.4	1007.4	857.7	558.5	334.0



TEST NUMBER: P936031

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1990.9	2072.3	1990.9	1909.4	1889.1	1579.0	1165.6	958.9	825.5	558.7	358.6
115°	1938.1	2051.0	1938.1	1825.2	1796.9	1498.2	1099.9	900.8	788.5	563.8	395.3
117.5°	1826.1	1951.3	1826.1	1700.9	1669.6	1400.0	1040.6	860.9	765.4	574.3	431.0
120°	1735.9	1857.6	1735.9	1614.2	1583.8	1337.5	1009.1	844.9	757.5	582.8	451.7
122.5°	1648.1	1768.1	1648.1	1528.0	1498.1	1276.2	980.5	832.7	753.5	595.1	476.3
125°	1522.7	1633.3	1522.7	1412.2	1384.5	1196.1	944.9	819.4	750.1	611.6	507.7
127.5°	1410.1	1503.4	1410.1	1316.8	1293.5	1131.7	916.1	808.2	748.1	628.0	538.0
130°	1343.6	1429.8	1343.6	1257.4	1235.9	1091.9	899.9	803.9	749.3	640.2	558.3
132.5°	1283.3	1360.5	1283.3	1206.2	1186.9	1058.0	886.1	800.1	750.1	649.9	574.8
135°	1200.8	1267.4	1200.8	1134.3	1117.6	1009.7	865.7	793.7	749.3	660.6	594.0
137.5°	1134.6	1189.0	1134.6	1080.1	1066.5	975.2	853.5	792.7	754.0	676.6	618.5
140°	1089.1	1140.0	1089.1	1038.2	1025.5	946.6	841.5	789.0	754.8	686.4	635.0
142.5°	1051.5	1095.2	1051.5	1007.7	996.8	927.5	835.2	789.0	757.4	694.5	647.3
145°	995.1	1028.2	995.1	961.8	953.5	896.9	821.4	783.7	757.5	705.2	665.9
147.5°	951.7	979.2	951.7	924.2	917.3	872.7	813.4	783.7	762.7	720.8	689.4
150°	924.4	946.6	924.4	902.1	896.6	858.9	808.8	783.7	765.4	728.9	701.6
152.5°	901.1	917.8	901.1	884.3	880.1	848.0	805.1	783.7	767.2	734.3	709.6
155°	874.3	885.4	874.3	863.2	860.4	834.8	800.7	783.7	771.1	746.0	727.2
157.5°	853.0	860.9	853.0	845.2	843.3	823.4	796.9	783.7	775.0	757.7	744.7
160°	840.4	844.9	840.4	835.8	834.7	817.7	795.0	783.7	776.8	763.1	752.7
162.5°	832.1	836.4	832.1	827.8	826.8	812.4	793.2	783.7	778.7	768.7	761.3
165°	820.1	824.7	820.1	815.6	814.5	804.2	790.5	783.7	781.4	776.9	773.5
167.5°	811.6	813.5	811.6	809.7	809.2	802.5	793.5	789.0	787.1	783.2	780.4
170°	809.2	809.2	809.2	809.2	809.2	802.5	793.5	789.0	788.9	788.6	788.4
172.5°	802.9	801.3	802.9	804.5	804.9	799.6	792.5	789.0	789.0	789.0	789.0
175°	799.1	799.1	799.1	799.1	799.1	795.7	791.2	789.0	790.0	792.1	793.7
177.5°	795.6	793.7	795.6	797.5	798.0	795.4	791.9	790.1	790.9	792.5	793.7
180°	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7



TEST NUMBER: P936031

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8
2.5°	1209.8	1203.0	1203.0	1191.7	1187.2	1183.8	1178.2	1161.3	1156.7	1152.2	1159.0
5°	1220.0	1207.5	1198.5	1178.2	1161.3	1154.4	1133.0	1092.4	1065.3	1045.0	1033.8
7.5°	1222.2	1206.4	1189.5	1157.9	1117.2	1099.2	1033.8	959.3	938.9	920.8	909.6
10°	1220.0	1201.8	1178.2	1130.8	1034.9	1003.3	937.7	889.2	876.8	873.4	876.8
12.5°	1212.0	1195.1	1162.4	1083.4	949.1	927.7	889.2	861.0	858.8	864.5	894.9
15°	1198.5	1182.7	1144.3	1020.2	901.7	885.9	858.8	848.7	861.0	900.5	992.0
17.5°	1184.9	1166.9	1119.5	958.1	865.6	854.3	835.1	855.4	925.4	978.4	1008.9
20°	1166.9	1145.5	1091.2	913.0	839.6	829.4	820.4	911.9	964.9	984.0	1001.0
22.5°	1145.5	1122.8	1052.9	881.4	812.5	804.6	810.2	943.5	964.9	978.4	993.1
25°	1117.2	1098.1	1007.8	856.5	791.1	782.0	803.5	940.1	952.4	955.9	985.2
27.5°	1091.2	1066.5	960.4	834.0	765.1	761.7	809.1	925.4	934.4	937.7	969.3
30°	1059.6	1022.4	907.3	810.2	738.1	736.9	810.2	907.3	905.0	914.1	945.7
32.5°	1026.9	957.0	847.5	780.9	712.1	711.0	802.4	880.3	878.0	890.4	914.1
35°	996.5	906.2	766.2	747.1	679.4	680.5	783.1	848.7	849.8	861.0	875.7
37.5°	964.9	862.2	677.1	709.9	647.8	647.8	757.2	819.3	817.1	820.4	840.7
40°	927.7	793.3	598.1	661.3	618.4	615.1	725.7	787.7	779.8	778.7	806.9
42.5°	888.1	717.7	539.5	597.0	584.6	580.0	687.2	749.3	734.6	738.1	774.2
45°	845.2	697.4	494.3	504.4	549.5	546.2	645.5	705.3	695.2	704.2	741.5
47.5°	802.4	656.8	479.6	418.7	512.3	511.2	599.3	662.5	656.8	665.8	705.3
50°	743.7	611.6	478.5	358.9	470.6	475.1	543.9	620.7	620.7	628.6	670.3
52.5°	668.1	556.4	434.5	325.0	422.0	435.6	495.4	584.6	586.8	594.7	632.0
55°	599.3	498.8	402.9	299.0	364.5	393.8	448.0	547.3	551.9	559.7	593.6
57.5°	536.1	415.3	396.1	268.6	311.5	339.7	406.2	511.2	513.5	520.2	553.0
60°	468.3	300.1	363.3	235.8	265.2	286.6	367.9	468.3	476.3	480.7	509.0
62.5°	391.6	217.8	329.5	213.3	242.7	247.2	336.3	427.7	437.8	441.2	458.2
65°	278.7	182.8	279.9	194.1	218.9	220.0	302.4	386.0	394.9	400.6	413.1
67.5°	188.4	149.0	213.3	176.0	200.9	202.0	269.7	337.4	349.9	354.4	362.2
70°	130.9	99.3	158.0	156.9	180.6	182.8	234.7	293.4	304.7	308.1	312.6
72.5°	95.9	80.1	130.9	141.1	159.1	161.3	198.6	243.8	255.0	258.5	260.7
75°	73.4	84.6	106.1	123.0	135.4	136.6	162.5	198.6	206.5	208.7	209.9
77.5°	58.7	79.0	77.9	99.3	110.6	108.3	127.5	153.5	160.2	160.2	160.2
80°	44.0	62.1	58.7	71.1	81.2	79.0	91.4	109.5	111.7	113.9	112.8
82.5°	32.7	39.5	39.5	45.1	54.2	51.9	60.9	71.1	71.1	71.1	73.4
85°	20.3	22.5	18.0	23.7	30.5	29.4	33.8	38.4	39.5	39.5	37.2
87.5°	12.4	10.2	5.6	9.1	13.6	13.6	15.8	16.9	15.8	15.8	15.8
90°	13.8	9.6	5.3	9.6	13.8	14.9	23.5	34.8	40.5	36.0	27.0
92.5°	93.8	57.5	21.3	57.5	93.8	102.8	144.5	200.1	228.0	199.8	143.5
95°	183.7	117.4	51.2	117.4	183.7	200.3	355.7	562.9	666.5	594.7	451.2
97.5°	205.4	146.9	88.4	146.9	205.4	220.0	479.1	824.6	997.3	951.9	861.2
100°	223.3	170.2	117.2	170.2	223.3	236.5	524.0	907.3	1099.0	1102.3	1109.0
102.5°	240.7	191.2	141.7	191.2	240.7	253.1	544.7	933.4	1127.8	1185.5	1301.1
105°	267.1	225.2	183.3	225.2	267.1	277.6	559.9	936.3	1124.5	1254.0	1513.1
107.5°	304.1	265.0	225.9	265.0	304.1	313.8	562.8	894.7	1060.7	1241.3	1602.6
110°	325.3	289.9	254.6	289.9	325.3	334.0	558.5	857.7	1007.4	1209.4	1613.3



TEST NUMBER: P936031

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	350.2	316.5	282.9	316.5	350.2	358.6	558.7	825.5	958.9	1165.6	1579.0
115°	387.5	356.5	325.5	356.5	387.5	395.3	563.8	788.5	900.8	1099.9	1498.2
117.5°	424.0	395.8	367.6	395.8	424.0	431.0	574.3	765.4	860.9	1040.6	1400.0
120°	445.1	418.6	392.0	418.6	445.1	451.7	582.8	757.5	844.9	1009.1	1337.5
122.5°	469.6	442.8	416.0	442.8	469.6	476.3	595.1	753.5	832.7	980.5	1276.2
125°	501.6	477.2	452.9	477.2	501.6	507.7	611.6	750.1	819.4	944.9	1196.1
127.5°	531.9	507.3	482.7	507.3	531.9	538.0	628.0	748.1	808.2	916.1	1131.7
130°	551.6	525.1	498.6	525.1	551.6	558.3	640.2	749.3	803.9	899.9	1091.9
132.5°	568.2	541.7	515.1	541.7	568.2	574.8	649.9	750.1	800.1	886.1	1058.0
135°	587.9	563.8	539.6	563.8	587.9	594.0	660.6	749.3	793.7	865.7	1009.7
137.5°	612.5	588.6	564.7	588.6	612.5	618.5	676.6	754.0	792.7	853.5	975.2
140°	629.6	607.5	585.5	607.5	629.6	635.0	686.4	754.8	789.0	841.5	946.6
142.5°	642.1	621.8	601.5	621.8	642.1	647.3	694.5	757.4	789.0	835.2	927.5
145°	661.4	643.8	626.0	643.8	661.4	665.9	705.2	757.5	783.7	821.4	896.9
147.5°	685.0	667.8	650.4	667.8	685.0	689.4	720.8	762.7	783.7	813.4	872.7
150°	697.7	682.1	666.5	682.1	697.7	701.6	728.9	765.4	783.7	808.8	858.9
152.5°	706.6	694.8	683.0	694.8	706.6	709.6	734.3	767.2	783.7	805.1	848.0
155°	725.0	716.3	707.5	716.3	725.0	727.2	746.0	771.1	783.7	800.7	834.8
157.5°	742.6	734.1	725.6	734.1	742.6	744.7	757.7	775.0	783.7	796.9	823.4
160°	751.1	744.5	737.8	744.5	751.1	752.7	763.1	776.8	783.7	795.0	817.7
162.5°	760.0	755.0	750.1	755.0	760.0	761.3	768.7	778.7	783.7	793.2	812.4
165°	772.4	767.9	763.4	767.9	772.4	773.5	776.9	781.4	783.7	790.5	804.2
167.5°	779.9	777.8	775.6	777.8	779.9	780.4	783.2	787.1	789.0	793.5	802.5
170°	787.9	785.8	783.7	785.8	787.9	788.4	788.6	788.9	789.0	793.5	802.5
172.5°	788.9	788.4	787.9	788.4	788.9	789.0	789.0	789.0	789.0	792.5	799.6
175°	793.7	793.7	793.7	793.7	793.7	793.7	792.1	790.0	789.0	791.2	795.7
177.5°	793.7	793.7	793.7	793.7	793.7	793.7	792.5	790.9	790.1	791.9	795.4
180°	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7



TEST NUMBER: P936031

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8
2.5°	1151.1	1147.7	1152.2	1139.7	1152.2	1147.7	1151.1	1159.0	1152.2	1156.7	1161.3
5°	1010.0	1004.4	986.3	971.7	986.3	1004.4	1010.0	1033.8	1045.0	1065.3	1092.4
7.5°	902.8	898.3	893.8	884.7	893.8	898.3	902.8	909.6	920.8	938.9	959.3
10°	879.1	880.3	887.0	885.9	887.0	880.3	879.1	876.8	873.4	876.8	889.2
12.5°	940.1	950.2	987.5	985.2	987.5	950.2	940.1	894.9	864.5	858.8	861.0
15°	1010.0	1013.4	1021.3	1022.4	1021.3	1013.4	1010.0	992.0	900.5	861.0	848.7
17.5°	1016.8	1017.9	1023.6	1023.6	1023.6	1017.9	1016.8	1008.9	978.4	925.4	855.4
20°	1011.1	1013.4	1024.7	1026.9	1024.7	1013.4	1011.1	1001.0	984.0	964.9	911.9
22.5°	1008.9	1013.4	1022.4	1021.3	1022.4	1013.4	1008.9	993.1	978.4	964.9	943.5
25°	997.6	997.6	998.7	999.8	998.7	997.6	997.6	985.2	955.9	952.4	940.1
27.5°	973.9	976.2	982.9	981.8	982.9	976.2	973.9	969.3	937.7	934.4	925.4
30°	952.4	950.2	944.6	940.1	944.6	950.2	952.4	945.7	914.1	905.0	907.3
32.5°	916.3	910.7	905.0	901.7	905.0	910.7	916.3	914.1	890.4	878.0	880.3
35°	873.4	874.6	873.4	870.1	873.4	874.6	873.4	875.7	861.0	849.8	848.7
37.5°	843.0	845.2	844.1	839.6	844.1	845.2	843.0	840.7	820.4	817.1	819.3
40°	811.4	812.5	811.4	808.0	811.4	812.5	811.4	806.9	778.7	779.8	787.7
42.5°	780.9	779.8	776.4	774.2	776.4	779.8	780.9	774.2	738.1	734.6	749.3
45°	745.9	747.1	740.3	736.9	740.3	747.1	745.9	741.5	704.2	695.2	705.3
47.5°	711.0	711.0	705.3	701.9	705.3	711.0	711.0	705.3	665.8	656.8	662.5
50°	673.7	672.6	664.7	663.6	664.7	672.6	673.7	670.3	628.6	620.7	620.7
52.5°	630.9	630.9	632.0	634.2	632.0	630.9	630.9	632.0	594.7	586.8	584.6
55°	593.6	594.7	602.6	604.9	602.6	594.7	593.6	593.6	559.7	551.9	547.3
57.5°	555.2	555.2	560.9	560.9	560.9	555.2	555.2	553.0	520.2	513.5	511.2
60°	511.2	513.5	517.9	516.8	517.9	513.5	511.2	509.0	480.7	476.3	468.3
62.5°	464.9	467.2	468.3	466.1	468.3	467.2	464.9	458.2	441.2	437.8	427.7
65°	416.4	418.7	419.8	417.6	419.8	418.7	416.4	413.1	400.6	394.9	386.0
67.5°	366.8	365.7	364.5	369.0	364.5	365.7	366.8	362.2	354.4	349.9	337.4
70°	315.9	315.9	314.8	317.1	314.8	315.9	315.9	312.6	308.1	304.7	293.4
72.5°	261.8	260.7	265.2	261.8	265.2	260.7	261.8	260.7	258.5	255.0	243.8
75°	208.7	211.1	208.7	212.2	208.7	211.1	208.7	209.9	208.7	206.5	198.6
77.5°	159.1	161.3	159.1	159.1	159.1	161.3	159.1	160.2	160.2	160.2	153.5
80°	112.8	111.7	111.7	110.6	111.7	111.7	112.8	112.8	113.9	111.7	109.5
82.5°	72.3	71.1	71.1	73.4	71.1	71.1	72.3	73.4	71.1	71.1	71.1
85°	39.5	40.7	38.4	38.4	38.4	40.7	39.5	37.2	39.5	39.5	38.4
87.5°	14.7	13.6	13.6	13.6	13.6	13.6	14.7	15.8	15.8	15.8	16.9
90°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	27.0	36.0	40.5	34.8
92.5°	101.2	97.2	81.1	65.0	81.1	97.2	101.2	143.5	199.8	228.0	200.1
95°	343.6	331.4	282.6	233.9	282.6	331.4	343.6	451.2	594.7	666.5	562.9
97.5°	793.2	770.0	677.2	584.4	677.2	770.0	793.2	861.2	951.9	997.3	824.6
100°	1114.0	1086.3	975.8	865.1	975.8	1086.3	1114.0	1109.0	1102.3	1099.0	907.3
102.5°	1387.8	1364.1	1269.4	1174.7	1269.4	1364.1	1387.8	1301.1	1185.5	1127.8	933.4
105°	1707.4	1694.7	1643.8	1592.9	1643.8	1694.7	1707.4	1513.1	1254.0	1124.5	936.3
107.5°	1873.6	1876.7	1889.0	1901.3	1889.0	1876.7	1873.6	1602.6	1241.3	1060.7	894.7
110°	1916.2	1929.5	1982.5	2035.6	1982.5	1929.5	1916.2	1613.3	1209.4	1007.4	857.7



TEST NUMBER: P936031

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1889.1	1909.4	1990.9	2072.3	1990.9	1909.4	1889.1	1579.0	1165.6	958.9	825.5
115°	1796.9	1825.2	1938.1	2051.0	1938.1	1825.2	1796.9	1498.2	1099.9	900.8	788.5
117.5°	1669.6	1700.9	1826.1	1951.3	1826.1	1700.9	1669.6	1400.0	1040.6	860.9	765.4
120°	1583.8	1614.2	1735.9	1857.6	1735.9	1614.2	1583.8	1337.5	1009.1	844.9	757.5
122.5°	1498.1	1528.0	1648.1	1768.1	1648.1	1528.0	1498.1	1276.2	980.5	832.7	753.5
125°	1384.5	1412.2	1522.7	1633.3	1522.7	1412.2	1384.5	1196.1	944.9	819.4	750.1
127.5°	1293.5	1316.8	1410.1	1503.4	1410.1	1316.8	1293.5	1131.7	916.1	808.2	748.1
130°	1235.9	1257.4	1343.6	1429.8	1343.6	1257.4	1235.9	1091.9	899.9	803.9	749.3
132.5°	1186.9	1206.2	1283.3	1360.5	1283.3	1206.2	1186.9	1058.0	886.1	800.1	750.1
135°	1117.6	1134.3	1200.8	1267.4	1200.8	1134.3	1117.6	1009.7	865.7	793.7	749.3
137.5°	1066.5	1080.1	1134.6	1189.0	1134.6	1080.1	1066.5	975.2	853.5	792.7	754.0
140°	1025.5	1038.2	1089.1	1140.0	1089.1	1038.2	1025.5	946.6	841.5	789.0	754.8
142.5°	996.8	1007.7	1051.5	1095.2	1051.5	1007.7	996.8	927.5	835.2	789.0	757.4
145°	953.5	961.8	995.1	1028.2	995.1	961.8	953.5	896.9	821.4	783.7	757.5
147.5°	917.3	924.2	951.7	979.2	951.7	924.2	917.3	872.7	813.4	783.7	762.7
150°	896.6	902.1	924.4	946.6	924.4	902.1	896.6	858.9	808.8	783.7	765.4
152.5°	880.1	884.3	901.1	917.8	901.1	884.3	880.1	848.0	805.1	783.7	767.2
155°	860.4	863.2	874.3	885.4	874.3	863.2	860.4	834.8	800.7	783.7	771.1
157.5°	843.3	845.2	853.0	860.9	853.0	845.2	843.3	823.4	796.9	783.7	775.0
160°	834.7	835.8	840.4	844.9	840.4	835.8	834.7	817.7	795.0	783.7	776.8
162.5°	826.8	827.8	832.1	836.4	832.1	827.8	826.8	812.4	793.2	783.7	778.7
165°	814.5	815.6	820.1	824.7	820.1	815.6	814.5	804.2	790.5	783.7	781.4
167.5°	809.2	809.7	811.6	813.5	811.6	809.7	809.2	802.5	793.5	789.0	787.1
170°	809.2	809.2	809.2	809.2	809.2	809.2	809.2	802.5	793.5	789.0	788.9
172.5°	804.9	804.5	802.9	801.3	802.9	804.5	804.9	799.6	792.5	789.0	789.0
175°	799.1	799.1	799.1	799.1	799.1	799.1	799.1	795.7	791.2	789.0	790.0
177.5°	798.0	797.5	795.6	793.7	795.6	797.5	798.0	795.4	791.9	790.1	790.9
180°	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7



TEST NUMBER: P936031

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1192.8	1192.8	1192.8	1192.8	1192.8
2.5°	1178.2	1183.8	1187.2	1191.7	1203.0
5°	1133.0	1154.4	1161.3	1178.2	1198.5
7.5°	1033.8	1099.2	1117.2	1157.9	1189.5
10°	937.7	1003.3	1034.9	1130.8	1178.2
12.5°	889.2	927.7	949.1	1083.4	1162.4
15°	858.8	885.9	901.7	1020.2	1144.3
17.5°	835.1	854.3	865.6	958.1	1119.5
20°	820.4	829.4	839.6	913.0	1091.2
22.5°	810.2	804.6	812.5	881.4	1052.9
25°	803.5	782.0	791.1	856.5	1007.8
27.5°	809.1	761.7	765.1	834.0	960.4
30°	810.2	736.9	738.1	810.2	907.3
32.5°	802.4	711.0	712.1	780.9	847.5
35°	783.1	680.5	679.4	747.1	766.2
37.5°	757.2	647.8	647.8	709.9	677.1
40°	725.7	615.1	618.4	661.3	598.1
42.5°	687.2	580.0	584.6	597.0	539.5
45°	645.5	546.2	549.5	504.4	494.3
47.5°	599.3	511.2	512.3	418.7	479.6
50°	543.9	475.1	470.6	358.9	478.5
52.5°	495.4	435.6	422.0	325.0	434.5
55°	448.0	393.8	364.5	299.0	402.9
57.5°	406.2	339.7	311.5	268.6	396.1
60°	367.9	286.6	265.2	235.8	363.3
62.5°	336.3	247.2	242.7	213.3	329.5
65°	302.4	220.0	218.9	194.1	279.9
67.5°	269.7	202.0	200.9	176.0	213.3
70°	234.7	182.8	180.6	156.9	158.0
72.5°	198.6	161.3	159.1	141.1	130.9
75°	162.5	136.6	135.4	123.0	106.1
77.5°	127.5	108.3	110.6	99.3	77.9
80°	91.4	79.0	81.2	71.1	58.7
82.5°	60.9	51.9	54.2	45.1	39.5
85°	33.8	29.4	30.5	23.7	18.0
87.5°	15.8	13.6	13.6	9.1	5.6
90°	23.5	14.9	13.8	9.6	5.3
92.5°	144.5	102.8	93.8	57.5	21.3
95°	355.7	200.3	183.7	117.4	51.2
97.5°	479.1	220.0	205.4	146.9	88.4
100°	524.0	236.5	223.3	170.2	117.2
102.5°	544.7	253.1	240.7	191.2	141.7
105°	559.9	277.6	267.1	225.2	183.3
107.5°	562.8	313.8	304.1	265.0	225.9
110°	558.5	334.0	325.3	289.9	254.6



TEST NUMBER: P936031

CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	558.7	358.6	350.2	316.5	282.9
115°	563.8	395.3	387.5	356.5	325.5
117.5°	574.3	431.0	424.0	395.8	367.6
120°	582.8	451.7	445.1	418.6	392.0
122.5°	595.1	476.3	469.6	442.8	416.0
125°	611.6	507.7	501.6	477.2	452.9
127.5°	628.0	538.0	531.9	507.3	482.7
130°	640.2	558.3	551.6	525.1	498.6
132.5°	649.9	574.8	568.2	541.7	515.1
135°	660.6	594.0	587.9	563.8	539.6
137.5°	676.6	618.5	612.5	588.6	564.7
140°	686.4	635.0	629.6	607.5	585.5
142.5°	694.5	647.3	642.1	621.8	601.5
145°	705.2	665.9	661.4	643.8	626.0
147.5°	720.8	689.4	685.0	667.8	650.4
150°	728.9	701.6	697.7	682.1	666.5
152.5°	734.3	709.6	706.6	694.8	683.0
155°	746.0	727.2	725.0	716.3	707.5
157.5°	757.7	744.7	742.6	734.1	725.6
160°	763.1	752.7	751.1	744.5	737.8
162.5°	768.7	761.3	760.0	755.0	750.1
165°	776.9	773.5	772.4	767.9	763.4
167.5°	783.2	780.4	779.9	777.8	775.6
170°	788.6	788.4	787.9	785.8	783.7
172.5°	789.0	789.0	788.9	788.4	787.9
175°	792.1	793.7	793.7	793.7	793.7
177.5°	792.5	793.7	793.7	793.7	793.7
180°	793.7	793.7	793.7	793.7	793.7



TEST NUMBER: P936031
 CATALOG NUMBER: SQ4-FA-150U-100D-92765-1D-UNV-STD-W-4-2700K

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	11.87	12.63	12.93	13.69	15.13	14.67	15.43	15.73	16.49	17.93
	3H	12.34	13.02	13.41	14.09	15.55	16.00	16.68	17.07	17.75	19.21
	4H	12.53	13.17	13.61	14.25	15.71	16.43	17.08	17.51	18.15	19.61
	6H	12.64	13.24	13.73	14.31	15.79	16.70	17.30	17.79	18.37	19.85
	8H	12.64	13.21	13.73	14.30	15.77	16.77	17.34	17.86	18.43	19.90
	12H	12.61	13.15	13.71	14.23	15.72	16.80	17.34	17.90	18.42	19.92
4H	2H	12.89	13.53	13.97	14.60	16.07	15.07	15.71	16.15	16.79	18.25
	3H	13.90	14.44	15.00	15.54	17.02	16.56	17.09	17.65	18.19	19.67
	4H	14.18	14.67	15.27	15.76	17.25	17.07	17.57	18.17	18.65	20.15
	6H	14.29	14.72	15.40	15.83	17.32	17.42	17.85	18.53	18.96	20.45
	8H	14.30	14.69	15.40	15.80	17.30	17.52	17.92	18.63	19.02	20.53
	12H	14.26	14.62	15.38	15.73	17.25	17.57	17.93	18.69	19.05	20.56
8H	4H	14.62	15.01	15.72	16.11	17.62	17.19	17.59	18.30	18.69	20.20
	6H	14.87	15.20	16.00	16.34	17.85	17.61	17.94	18.74	19.09	20.59
	8H	14.91	15.20	16.05	16.33	17.85	17.76	18.05	18.89	19.17	20.70
	12H	14.89	15.14	16.03	16.27	17.83	17.85	18.10	18.99	19.22	20.78
12H	4H	14.62	14.97	15.74	16.09	17.60	17.15	17.51	18.27	18.62	20.14
	6H	14.93	15.22	16.06	16.34	17.87	17.61	17.90	18.74	19.02	20.55
	8H	14.99	15.24	16.13	16.37	17.93	17.76	18.01	18.90	19.14	20.70