

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: P935740

Luminaire Tested: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935740
REPORT IS A COMBINATION OF REPORTS P933767 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

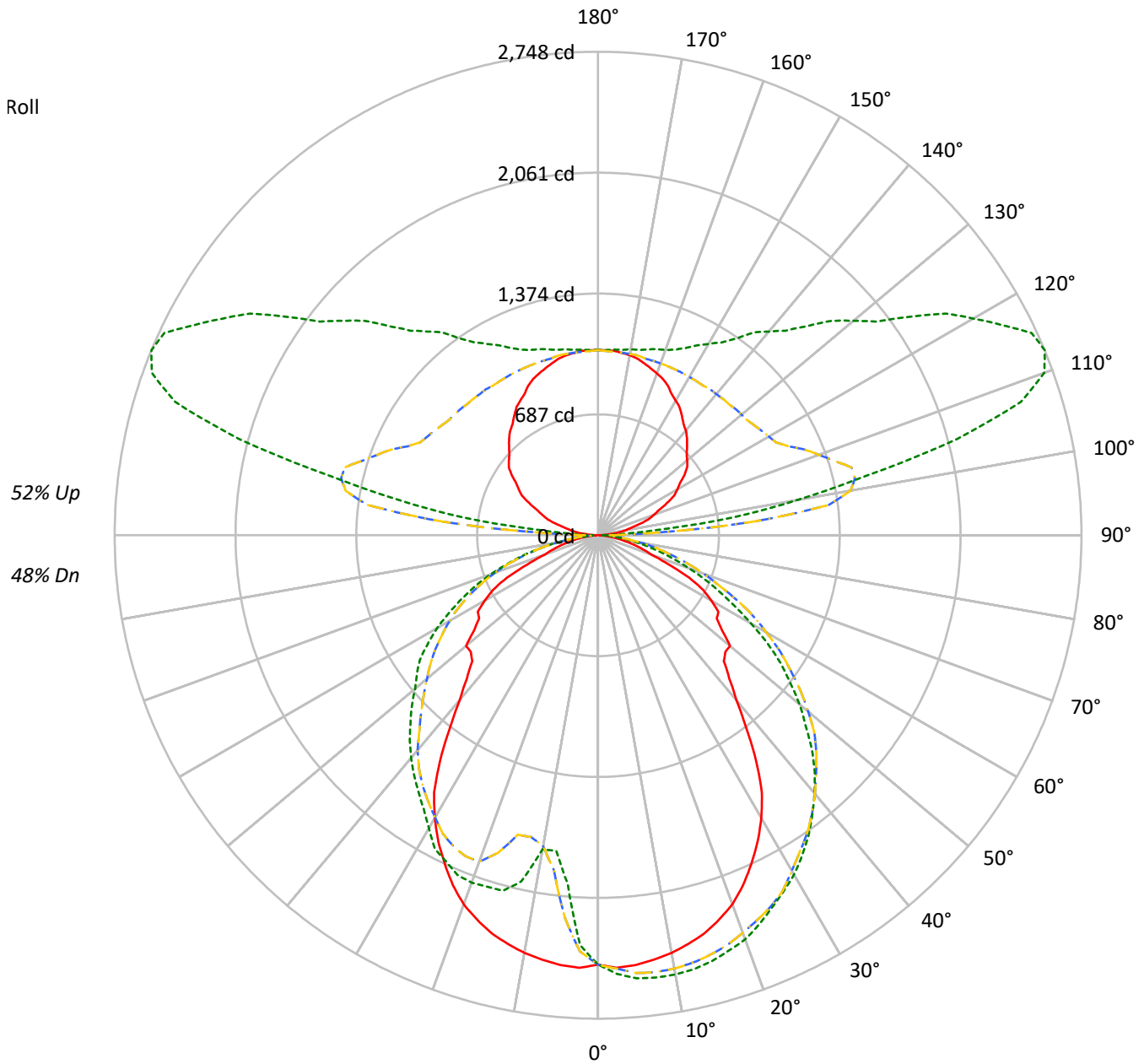
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13155.1 lumens
Efficiency: N/A
Efficacy: 116.6 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: General Diffuse

Input Watts (W): 112.8
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

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15097	15097	15097	15097
5°	15204	15239	15204	11982
10°	15097	15012	15097	10732
15°	14927	14686	14927	12263
20°	14609	14301	14609	12289
25°	13964	13739	13964	12028
30°	13133	13273	13133	11457
35°	11703	12682	11703	10829
40°	9745	11988	9745	10354
45°	8702	11175	8702	9807
50°	9238	10205	9238	9259
55°	8683	9160	8683	8943
60°	8940	7779	8940	8191
65°	8092	6431	8092	7188
70°	5590	5125	5590	6026
75°	4883	3789	4883	4537
80°	3909	2505	3909	2726
85°	2200	1326	2200	1128

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13345 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	220.3	1.7
10°-20°	625.5	4.8
20°-30°	966.8	7.3
30°-40°	1154.2	8.8
40°-50°	1161.0	8.8
50°-60°	1010.2	7.7
60°-70°	716.2	5.4
70°-80°	378.9	2.9
80°-90°	98.4	0.7
90°-100°	513.1	3.9
100°-110°	1349.0	10.3
110°-120°	1398.7	10.6
120°-130°	1122.0	8.5
130°-140°	880.3	6.7
140°-150°	675.7	5.1
150°-160°	486.6	3.7
160°-170°	297.7	2.3
170°-180°	100.6	0.8
0°-30°	1812.6	13.8
0°-40°	2966.8	22.6
0°-60°	5137.9	39.1
0°-90°	6331.4	48.1
90°-120°	3260.8	24.8
90°-150°	5938.8	45.1
90°-180°	6824.0	51.9
0°-180°	13155.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2440	2440	2440	2440	2440	
5°	2452	2528	2452	1988	2452	233
15°	2341	2505	2341	2092	2341	659
25°	2062	2336	2062	2046	2062	947
35°	1568	2085	1568	1780	1568	970
45°	1011	1718	1011	1508	1011	810
55°	824	1268	824	1238	824	757
65°	573	764	573	854	573	547
75°	217	362	217	434	217	228
85°	37	92	37	78	37	50
90°	7	27	7	27	7	7
95°	68	310	68	310	68	75
105°	243	2112	243	2112	243	258
115°	432	2720	432	2720	432	426
125°	600	2166	600	2166	600	533
135°	716	1681	716	1681	716	554
145°	830	1364	830	1364	830	520
155°	938	1174	938	1174	938	431
165°	1012	1094	1012	1094	1012	286
175°	1053	1060	1053	1060	1053	100
180°	1053	1053	1053	1053	1053	



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CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4
2.5°	2461.1	2461.1	2475.0	2479.6	2479.6	2472.7	2465.8	2472.7	2493.5	2500.4	2498.0
5°	2451.9	2470.4	2495.8	2500.4	2505.0	2502.7	2498.0	2502.7	2525.8	2530.4	2532.7
7.5°	2433.5	2468.0	2500.4	2507.3	2514.2	2507.3	2505.0	2509.6	2532.7	2537.3	2537.3
10°	2410.4	2458.8	2495.8	2500.4	2507.3	2500.4	2500.4	2509.6	2532.7	2537.3	2539.6
12.5°	2378.1	2445.0	2479.6	2484.2	2493.5	2491.1	2488.9	2498.0	2521.1	2525.8	2525.8
15°	2341.1	2419.5	2451.9	2456.6	2472.7	2468.0	2468.0	2477.3	2502.7	2509.6	2507.3
17.5°	2290.3	2387.3	2424.2	2431.1	2442.6	2440.4	2442.6	2451.9	2475.0	2479.6	2481.9
20°	2232.6	2343.4	2387.3	2394.2	2405.7	2405.7	2405.7	2417.3	2440.4	2449.6	2449.6
22.5°	2154.1	2297.2	2343.4	2348.0	2361.9	2361.9	2366.5	2382.6	2403.4	2405.7	2405.7
25°	2061.7	2246.4	2285.6	2299.6	2313.4	2320.3	2327.2	2336.5	2343.4	2341.1	2343.4
27.5°	1964.7	2181.8	2232.6	2241.8	2260.3	2267.2	2276.5	2278.7	2281.1	2288.0	2283.4
30°	1856.2	2091.7	2167.9	2177.1	2207.1	2211.8	2202.6	2207.1	2218.7	2223.3	2228.0
32.5°	1733.9	1957.8	2101.0	2121.7	2149.5	2135.6	2133.3	2140.2	2158.7	2158.7	2163.3
35°	1567.7	1853.9	2038.7	2057.1	2077.9	2061.7	2071.0	2073.2	2084.8	2091.7	2089.4
37.5°	1385.3	1763.9	1974.0	1987.8	2004.0	1983.2	1997.1	2004.0	2013.2	2008.7	2008.7
40°	1223.6	1623.1	1897.8	1907.1	1920.9	1904.7	1918.6	1923.2	1927.8	1923.2	1920.9
42.5°	1103.6	1468.3	1817.0	1828.6	1819.3	1830.8	1835.5	1844.7	1837.7	1828.6	1828.6
45°	1011.2	1426.9	1729.2	1743.1	1729.2	1747.8	1754.7	1754.7	1733.9	1729.2	1726.9
47.5°	981.2	1343.7	1641.5	1641.5	1634.6	1657.7	1669.3	1653.1	1632.3	1625.3	1625.3
50°	979.0	1251.4	1521.5	1512.3	1544.6	1572.3	1560.8	1544.6	1528.4	1503.0	1503.0
52.5°	888.9	1138.2	1366.8	1401.4	1452.2	1468.3	1449.9	1433.8	1406.0	1394.5	1385.3
55°	824.2	1020.4	1225.9	1295.2	1348.4	1369.1	1334.4	1318.3	1276.8	1269.9	1265.2
57.5°	810.4	849.6	1096.7	1184.4	1249.0	1246.7	1225.9	1195.9	1161.3	1154.4	1152.1
60°	743.4	614.1	958.1	1062.0	1129.0	1122.0	1103.6	1075.9	1043.5	1039.0	1034.3
62.5°	674.1	445.6	801.1	918.9	1013.5	1011.2	995.1	953.5	930.5	918.9	909.6
65°	572.6	374.0	570.3	764.2	900.4	905.0	870.4	840.4	815.0	801.1	798.8
67.5°	436.4	304.7	385.6	637.2	791.9	787.3	743.4	729.5	697.2	690.3	676.5
70°	323.2	203.2	267.8	517.1	685.7	674.1	639.6	623.4	593.4	577.2	568.0
72.5°	267.8	163.9	196.2	401.7	577.2	563.3	533.3	514.9	489.5	475.6	466.4
75°	217.0	173.2	150.1	297.8	468.6	459.5	431.7	413.2	392.5	374.0	376.3
77.5°	159.3	161.6	120.1	219.3	371.7	357.9	341.7	318.6	309.4	290.9	290.9
80°	120.1	127.0	90.1	150.1	267.8	267.8	254.0	237.8	221.7	212.4	212.4
82.5°	80.8	80.8	66.9	94.7	182.4	175.5	166.2	161.6	152.4	147.7	147.7
85°	36.9	46.2	41.6	57.8	99.2	103.9	103.9	99.2	97.0	92.3	94.7
87.5°	11.6	20.7	25.4	32.3	50.8	53.1	55.4	55.4	55.4	57.8	57.8
90°	7.1	12.7	18.4	19.7	31.0	46.1	53.7	47.7	35.7	26.8	26.8
92.5°	28.3	76.3	124.3	136.4	191.7	265.4	302.4	265.0	190.3	134.3	128.9
95°	67.9	155.7	243.6	265.6	471.6	746.4	883.8	788.7	598.4	455.6	439.4
97.5°	117.3	194.8	272.3	291.7	635.3	1093.5	1322.5	1262.4	1142.1	1051.9	1021.2
100°	155.5	225.8	296.1	313.6	694.9	1203.3	1457.4	1461.8	1470.6	1477.2	1440.5
102.5°	187.9	253.5	319.2	335.6	722.3	1237.7	1495.5	1572.1	1725.4	1840.3	1808.9
105°	243.1	298.6	354.1	368.0	742.4	1241.7	1491.3	1663.1	2006.6	2264.2	2247.3
107.5°	299.5	351.3	403.2	416.1	746.3	1186.4	1406.6	1646.2	2125.3	2484.6	2488.7
110°	337.7	384.4	431.2	442.9	740.5	1137.4	1335.9	1603.7	2139.4	2541.2	2558.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	375.1	419.7	464.3	475.5	740.8	1094.7	1271.6	1545.7	2093.9	2505.0	2532.1
115°	431.6	472.7	513.9	524.2	747.7	1045.6	1194.6	1458.7	1986.8	2382.9	2420.4
117.5°	487.5	524.9	562.2	571.5	761.5	1014.9	1141.6	1379.9	1856.6	2214.1	2255.5
120°	519.9	555.2	590.3	599.1	772.8	1004.5	1120.4	1338.2	1773.6	2100.3	2140.6
122.5°	551.8	587.3	622.7	631.6	789.1	999.1	1104.2	1300.3	1692.5	1986.6	2026.3
125°	600.5	632.8	665.1	673.2	811.0	994.7	1086.6	1253.1	1586.2	1836.1	1872.8
127.5°	640.0	672.7	705.3	713.5	833.0	992.1	1071.7	1214.7	1500.8	1715.3	1746.2
130°	661.2	696.4	731.5	740.4	848.9	993.6	1066.0	1193.4	1448.0	1639.0	1667.5
132.5°	683.1	718.3	753.5	762.3	861.9	994.7	1061.1	1175.1	1403.0	1573.9	1599.5
135°	715.6	747.6	779.6	787.7	876.0	993.8	1052.6	1148.1	1339.0	1482.2	1504.2
137.5°	748.8	780.6	812.3	820.2	897.2	999.9	1051.2	1131.9	1293.2	1414.3	1432.3
140°	776.4	805.6	834.8	842.1	910.1	1000.9	1046.3	1115.9	1255.4	1359.9	1376.8
142.5°	797.6	824.6	851.6	858.3	921.0	1004.5	1046.3	1107.5	1229.9	1321.8	1336.3
145°	830.0	853.6	877.2	883.1	935.1	1004.5	1039.2	1089.3	1189.4	1264.6	1275.6
147.5°	862.6	885.5	908.5	914.2	955.8	1011.4	1039.2	1078.6	1157.4	1216.5	1225.6
150°	883.8	904.5	925.2	930.4	966.7	1015.0	1039.2	1072.5	1139.0	1189.0	1196.4
152.5°	905.6	921.4	937.1	941.0	973.8	1017.3	1039.2	1067.5	1124.4	1167.1	1172.6
155°	938.2	949.8	961.4	964.3	989.2	1022.5	1039.2	1061.8	1107.0	1141.0	1144.7
157.5°	962.2	973.5	984.8	987.6	1004.8	1027.7	1039.2	1056.7	1091.9	1118.3	1120.9
160°	978.4	987.2	996.1	998.2	1011.9	1030.1	1039.2	1054.3	1084.4	1107.0	1108.5
162.5°	994.7	1001.2	1007.9	1009.5	1019.4	1032.6	1039.2	1051.9	1077.3	1096.4	1097.8
165°	1012.3	1018.3	1024.3	1025.8	1030.3	1036.2	1039.2	1048.3	1066.5	1080.2	1081.6
167.5°	1028.6	1031.4	1034.3	1035.0	1038.7	1043.7	1046.3	1052.3	1064.2	1073.1	1073.7
170°	1039.2	1042.0	1044.8	1045.5	1045.8	1046.1	1046.3	1052.3	1064.2	1073.1	1073.1
172.5°	1044.8	1045.4	1046.1	1046.3	1046.3	1046.3	1046.3	1051.0	1060.4	1067.5	1066.9
175°	1052.6	1052.6	1052.6	1052.6	1050.5	1047.7	1046.3	1049.3	1055.3	1059.7	1059.7
177.5°	1052.6	1052.6	1052.6	1052.6	1051.0	1048.7	1047.6	1050.0	1054.7	1058.3	1057.6
180°	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4
2.5°	2502.7	2495.8	2502.7	2498.0	2500.4	2493.5	2472.7	2465.8	2472.7	2479.6	2479.6
5°	2532.7	2528.1	2532.7	2532.7	2530.4	2525.8	2502.7	2498.0	2502.7	2505.0	2500.4
7.5°	2542.0	2535.1	2542.0	2537.3	2537.3	2532.7	2509.6	2505.0	2507.3	2514.2	2507.3
10°	2542.0	2535.1	2542.0	2539.6	2537.3	2532.7	2509.6	2500.4	2500.4	2507.3	2500.4
12.5°	2530.4	2525.8	2530.4	2525.8	2525.8	2521.1	2498.0	2488.9	2491.1	2493.5	2484.2
15°	2512.0	2505.0	2512.0	2507.3	2509.6	2502.7	2477.3	2468.0	2468.0	2472.7	2456.6
17.5°	2484.2	2475.0	2484.2	2481.9	2479.6	2475.0	2451.9	2442.6	2440.4	2442.6	2431.1
20°	2451.9	2445.0	2451.9	2449.6	2449.6	2440.4	2417.3	2405.7	2405.7	2405.7	2394.2
22.5°	2401.1	2394.2	2401.1	2405.7	2405.7	2403.4	2382.6	2366.5	2361.9	2361.9	2348.0
25°	2343.4	2336.5	2343.4	2343.4	2341.1	2343.4	2336.5	2327.2	2320.3	2313.4	2299.6
27.5°	2288.0	2283.4	2288.0	2283.4	2288.0	2281.1	2278.7	2276.5	2267.2	2260.3	2241.8
30°	2232.6	2228.0	2232.6	2228.0	2223.3	2218.7	2207.1	2202.6	2211.8	2207.1	2177.1
32.5°	2163.3	2158.7	2163.3	2163.3	2158.7	2158.7	2140.2	2133.3	2135.6	2149.5	2121.7
35°	2091.7	2084.8	2091.7	2089.4	2091.7	2084.8	2073.2	2071.0	2061.7	2077.9	2057.1
37.5°	2008.7	2001.7	2008.7	2008.7	2008.7	2013.2	2004.0	1997.1	1983.2	2004.0	1987.8
40°	1923.2	1914.0	1923.2	1920.9	1923.2	1927.8	1923.2	1918.6	1904.7	1920.9	1907.1
42.5°	1826.3	1823.9	1826.3	1828.6	1828.6	1837.7	1844.7	1835.5	1830.8	1819.3	1828.6
45°	1722.3	1717.8	1722.3	1726.9	1729.2	1733.9	1754.7	1754.7	1747.8	1729.2	1743.1
47.5°	1611.5	1600.0	1611.5	1625.3	1625.3	1632.3	1653.1	1669.3	1657.7	1634.6	1641.5
50°	1493.8	1496.1	1493.8	1503.0	1503.0	1528.4	1544.6	1560.8	1572.3	1544.6	1512.3
52.5°	1378.4	1376.0	1378.4	1385.3	1394.5	1406.0	1433.8	1449.9	1468.3	1452.2	1401.4
55°	1262.8	1267.5	1262.8	1265.2	1269.9	1276.8	1318.3	1334.4	1369.1	1348.4	1295.2
57.5°	1147.4	1140.5	1147.4	1152.1	1154.4	1161.3	1195.9	1225.9	1246.7	1249.0	1184.4
60°	1013.5	1004.3	1013.5	1034.3	1039.0	1043.5	1075.9	1103.6	1122.0	1129.0	1062.0
62.5°	895.8	879.6	895.8	909.6	918.9	930.5	953.5	995.1	1011.2	1013.5	918.9
65°	771.1	764.2	771.1	798.8	801.1	815.0	840.4	870.4	905.0	900.4	764.2
67.5°	658.0	658.0	658.0	676.5	690.3	697.2	729.5	743.4	787.3	791.9	637.2
70°	554.1	551.8	554.1	568.0	577.2	593.4	623.4	639.6	674.1	685.7	517.1
72.5°	454.8	452.5	454.8	466.4	475.6	489.5	514.9	533.3	563.3	577.2	401.7
75°	367.1	362.5	367.1	376.3	374.0	392.5	413.2	431.7	459.5	468.6	297.8
77.5°	281.7	281.7	281.7	290.9	290.9	309.4	318.6	341.7	357.9	371.7	219.3
80°	210.1	207.8	210.1	212.4	212.4	221.7	237.8	254.0	267.8	267.8	150.1
82.5°	147.7	143.2	147.7	147.7	147.7	152.4	161.6	166.2	175.5	182.4	94.7
85°	92.3	92.3	92.3	94.7	92.3	97.0	99.2	103.9	103.9	99.2	57.8
87.5°	60.0	57.8	60.0	57.8	57.8	55.4	55.4	55.4	53.1	50.8	32.3
90°	26.8	26.8	26.8	26.8	26.8	35.7	47.7	53.7	46.1	31.0	19.7
92.5°	107.5	86.1	107.5	128.9	134.3	190.3	265.0	302.4	265.4	191.7	136.4
95°	374.8	310.1	374.8	439.4	455.6	598.4	788.7	883.8	746.4	471.6	265.6
97.5°	898.1	775.0	898.1	1021.2	1051.9	1142.1	1262.4	1322.5	1093.5	635.3	291.7
100°	1294.0	1147.3	1294.0	1440.5	1477.2	1470.6	1461.8	1457.4	1203.3	694.9	313.6
102.5°	1683.3	1557.8	1683.3	1808.9	1840.3	1725.4	1572.1	1495.5	1237.7	722.3	335.6
105°	2179.8	2112.3	2179.8	2247.3	2264.2	2006.6	1663.1	1491.3	1241.7	742.4	368.0
107.5°	2505.0	2521.3	2505.0	2488.7	2484.6	2125.3	1646.2	1406.6	1186.4	746.3	416.1
110°	2629.0	2699.3	2629.0	2558.7	2541.2	2139.4	1603.7	1335.9	1137.4	740.5	442.9



TEST NUMBER: P935740

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2640.0	2748.1	2640.0	2532.1	2505.0	2093.9	1545.7	1271.6	1094.7	740.8	475.5
115°	2570.1	2719.8	2570.1	2420.4	2382.9	1986.8	1458.7	1194.6	1045.6	747.7	524.2
117.5°	2421.6	2587.7	2421.6	2255.5	2214.1	1856.6	1379.9	1141.6	1014.9	761.5	571.5
120°	2302.0	2463.4	2302.0	2140.6	2100.3	1773.6	1338.2	1120.4	1004.5	772.8	599.1
122.5°	2185.5	2344.7	2185.5	2026.3	1986.6	1692.5	1300.3	1104.2	999.1	789.1	631.6
125°	2019.4	2166.0	2019.4	1872.8	1836.1	1586.2	1253.1	1086.6	994.7	811.0	673.2
127.5°	1869.9	1993.7	1869.9	1746.2	1715.3	1500.8	1214.7	1071.7	992.1	833.0	713.5
130°	1781.9	1896.1	1781.9	1667.5	1639.0	1448.0	1193.4	1066.0	993.6	848.9	740.4
132.5°	1701.9	1804.3	1701.9	1599.5	1573.9	1403.0	1175.1	1061.1	994.7	861.9	762.3
135°	1592.4	1680.6	1592.4	1504.2	1482.2	1339.0	1148.1	1052.6	993.8	876.0	787.7
137.5°	1504.5	1576.8	1504.5	1432.3	1414.3	1293.2	1131.9	1051.2	999.9	897.2	820.2
140°	1444.3	1511.8	1444.3	1376.8	1359.9	1255.4	1115.9	1046.3	1000.9	910.1	842.1
142.5°	1394.4	1452.5	1394.4	1336.3	1321.8	1229.9	1107.5	1046.3	1004.5	921.0	858.3
145°	1319.5	1363.5	1319.5	1275.6	1264.6	1189.4	1089.3	1039.2	1004.5	935.1	883.1
147.5°	1262.1	1298.5	1262.1	1225.6	1216.5	1157.4	1078.6	1039.2	1011.4	955.8	914.2
150°	1225.9	1255.4	1225.9	1196.4	1189.0	1139.0	1072.5	1039.2	1015.0	966.7	930.4
152.5°	1194.9	1217.2	1194.9	1172.6	1167.1	1124.4	1067.5	1039.2	1017.3	973.8	941.0
155°	1159.4	1174.2	1159.4	1144.7	1141.0	1107.0	1061.8	1039.2	1022.5	989.2	964.3
157.5°	1131.2	1141.6	1131.2	1120.9	1118.3	1091.9	1056.7	1039.2	1027.7	1004.8	987.6
160°	1114.5	1120.4	1114.5	1108.5	1107.0	1084.4	1054.3	1039.2	1030.1	1011.9	998.2
162.5°	1103.5	1109.1	1103.5	1097.8	1096.4	1077.3	1051.9	1039.2	1032.6	1019.4	1009.5
165°	1087.7	1093.6	1087.7	1081.6	1080.2	1066.5	1048.3	1039.2	1036.2	1030.3	1025.8
167.5°	1076.2	1078.7	1076.2	1073.7	1073.1	1064.2	1052.3	1046.3	1043.7	1038.7	1035.0
170°	1073.1	1073.1	1073.1	1073.1	1073.1	1064.2	1052.3	1046.3	1046.1	1045.8	1045.5
172.5°	1064.7	1062.5	1064.7	1066.9	1067.5	1060.4	1051.0	1046.3	1046.3	1046.3	1046.3
175°	1059.7	1059.7	1059.7	1059.7	1059.7	1055.3	1049.3	1046.3	1047.7	1050.5	1052.6
177.5°	1055.2	1052.6	1055.2	1057.6	1058.3	1054.7	1050.0	1047.6	1048.7	1051.0	1052.6
180°	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6



TEST NUMBER: P935740

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4
2.5°	2475.0	2461.1	2461.1	2438.1	2428.8	2421.9	2410.4	2375.7	2366.5	2357.2	2371.1
5°	2495.8	2470.4	2451.9	2410.4	2375.7	2361.9	2318.0	2234.9	2179.5	2137.9	2114.8
7.5°	2500.4	2468.0	2433.5	2368.8	2285.6	2248.7	2114.8	1962.5	1920.9	1883.9	1860.8
10°	2495.8	2458.8	2410.4	2313.4	2117.2	2052.5	1918.6	1819.3	1793.9	1787.0	1793.9
12.5°	2479.6	2445.0	2378.1	2216.4	1941.7	1897.8	1819.3	1761.6	1757.0	1768.5	1830.8
15°	2451.9	2419.5	2341.1	2087.2	1844.7	1812.4	1757.0	1736.2	1761.6	1842.4	2029.4
17.5°	2424.2	2387.3	2290.3	1960.2	1770.8	1747.8	1708.5	1750.1	1893.2	2001.7	2064.1
20°	2387.3	2343.4	2232.6	1867.8	1717.8	1696.9	1678.5	1865.5	1974.0	2013.2	2047.9
22.5°	2343.4	2297.2	2154.1	1803.2	1662.3	1646.2	1657.7	1930.2	1974.0	2001.7	2031.7
25°	2285.6	2246.4	2061.7	1752.3	1618.4	1600.0	1643.8	1923.2	1948.6	1955.5	2015.6
27.5°	2232.6	2181.8	1964.7	1706.2	1565.3	1558.4	1655.4	1893.2	1911.7	1918.6	1983.2
30°	2167.9	2091.7	1856.2	1657.7	1509.9	1507.6	1657.7	1856.2	1851.7	1870.1	1934.7
32.5°	2101.0	1957.8	1733.9	1597.7	1456.9	1454.5	1641.5	1800.8	1796.3	1821.6	1870.1
35°	2038.7	1853.9	1567.7	1528.4	1389.8	1392.2	1602.3	1736.2	1738.5	1761.6	1791.6
37.5°	1974.0	1763.9	1385.3	1452.2	1325.3	1325.3	1549.2	1676.2	1671.5	1678.5	1720.0
40°	1897.8	1623.1	1223.6	1352.9	1265.2	1258.3	1484.5	1611.5	1595.3	1593.0	1650.8
42.5°	1817.0	1468.3	1103.6	1221.4	1195.9	1186.7	1406.0	1533.0	1503.0	1509.9	1583.8
45°	1729.2	1426.9	1011.2	1032.0	1124.4	1117.4	1320.6	1443.0	1422.2	1440.7	1516.8
47.5°	1641.5	1343.7	981.2	856.5	1048.2	1045.9	1225.9	1355.3	1343.7	1362.2	1443.0
50°	1521.5	1251.4	979.0	734.2	962.8	971.9	1112.8	1269.9	1269.9	1286.0	1371.4
52.5°	1366.8	1138.2	888.9	664.9	863.5	891.2	1013.5	1195.9	1200.5	1216.7	1292.9
55°	1225.9	1020.4	824.2	611.8	745.7	805.8	916.6	1119.8	1129.0	1145.1	1214.4
57.5°	1096.7	849.6	810.4	549.5	637.2	695.0	831.1	1045.9	1050.4	1064.4	1131.3
60°	958.1	614.1	743.4	482.6	542.6	586.4	752.6	958.1	974.3	983.5	1041.3
62.5°	801.1	445.6	674.1	436.4	496.4	505.6	688.0	875.0	895.8	902.7	937.4
65°	570.3	374.0	572.6	397.1	447.9	450.2	618.7	789.6	808.0	819.6	845.1
67.5°	385.6	304.7	436.4	360.1	411.0	413.2	551.8	690.3	715.7	725.0	741.1
70°	267.8	203.2	323.2	320.9	369.4	374.0	480.2	600.3	623.4	630.3	639.6
72.5°	196.2	163.9	267.8	288.6	325.6	330.2	406.3	498.7	521.8	528.7	533.3
75°	150.1	173.2	217.0	251.7	277.1	279.3	332.5	406.3	422.5	427.2	429.4
77.5°	120.1	161.6	159.3	203.2	226.2	221.7	260.9	314.0	327.8	327.8	327.8
80°	90.1	127.0	120.1	145.5	166.2	161.6	187.0	224.0	228.6	233.1	230.9
82.5°	66.9	80.8	80.8	92.3	110.8	106.2	124.7	145.5	145.5	145.5	150.1
85°	41.6	46.2	36.9	48.5	62.3	60.0	69.2	78.5	80.8	80.8	76.2
87.5°	25.4	20.7	11.6	18.5	27.7	27.7	32.3	34.7	32.3	32.3	32.3
90°	18.4	12.7	7.1	12.7	18.4	19.7	31.0	46.1	53.7	47.7	35.7
92.5°	124.3	76.3	28.3	76.3	124.3	136.4	191.7	265.4	302.4	265.0	190.3
95°	243.6	155.7	67.9	155.7	243.6	265.6	471.6	746.4	883.8	788.7	598.4
97.5°	272.3	194.8	117.3	194.8	272.3	291.7	635.3	1093.5	1322.5	1262.4	1142.1
100°	296.1	225.8	155.5	225.8	296.1	313.6	694.9	1203.3	1457.4	1461.8	1470.6
102.5°	319.2	253.5	187.9	253.5	319.2	335.6	722.3	1237.7	1495.5	1572.1	1725.4
105°	354.1	298.6	243.1	298.6	354.1	368.0	742.4	1241.7	1491.3	1663.1	2006.6
107.5°	403.2	351.3	299.5	351.3	403.2	416.1	746.3	1186.4	1406.6	1646.2	2125.3
110°	431.2	384.4	337.7	384.4	431.2	442.9	740.5	1137.4	1335.9	1603.7	2139.4



TEST NUMBER: P935740

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	464.3	419.7	375.1	419.7	464.3	475.5	740.8	1094.7	1271.6	1545.7	2093.9
115°	513.9	472.7	431.6	472.7	513.9	524.2	747.7	1045.6	1194.6	1458.7	1986.8
117.5°	562.2	524.9	487.5	524.9	562.2	571.5	761.5	1014.9	1141.6	1379.9	1856.6
120°	590.3	555.2	519.9	555.2	590.3	599.1	772.8	1004.5	1120.4	1338.2	1773.6
122.5°	622.7	587.3	551.8	587.3	622.7	631.6	789.1	999.1	1104.2	1300.3	1692.5
125°	665.1	632.8	600.5	632.8	665.1	673.2	811.0	994.7	1086.6	1253.1	1586.2
127.5°	705.3	672.7	640.0	672.7	705.3	713.5	833.0	992.1	1071.7	1214.7	1500.8
130°	731.5	696.4	661.2	696.4	731.5	740.4	848.9	993.6	1066.0	1193.4	1448.0
132.5°	753.5	718.3	683.1	718.3	753.5	762.3	861.9	994.7	1061.1	1175.1	1403.0
135°	779.6	747.6	715.6	747.6	779.6	787.7	876.0	993.8	1052.6	1148.1	1339.0
137.5°	812.3	780.6	748.8	780.6	812.3	820.2	897.2	999.9	1051.2	1131.9	1293.2
140°	834.8	805.6	776.4	805.6	834.8	842.1	910.1	1000.9	1046.3	1115.9	1255.4
142.5°	851.6	824.6	797.6	824.6	851.6	858.3	921.0	1004.5	1046.3	1107.5	1229.9
145°	877.2	853.6	830.0	853.6	877.2	883.1	935.1	1004.5	1039.2	1089.3	1189.4
147.5°	908.5	885.5	862.6	885.5	908.5	914.2	955.8	1011.4	1039.2	1078.6	1157.4
150°	925.2	904.5	883.8	904.5	925.2	930.4	966.7	1015.0	1039.2	1072.5	1139.0
152.5°	937.1	921.4	905.6	921.4	937.1	941.0	973.8	1017.3	1039.2	1067.5	1124.4
155°	961.4	949.8	938.2	949.8	961.4	964.3	989.2	1022.5	1039.2	1061.8	1107.0
157.5°	984.8	973.5	962.2	973.5	984.8	987.6	1004.8	1027.7	1039.2	1056.7	1091.9
160°	996.1	987.2	978.4	987.2	996.1	998.2	1011.9	1030.1	1039.2	1054.3	1084.4
162.5°	1007.9	1001.2	994.7	1001.2	1007.9	1009.5	1019.4	1032.6	1039.2	1051.9	1077.3
165°	1024.3	1018.3	1012.3	1018.3	1024.3	1025.8	1030.3	1036.2	1039.2	1048.3	1066.5
167.5°	1034.3	1031.4	1028.6	1031.4	1034.3	1035.0	1038.7	1043.7	1046.3	1052.3	1064.2
170°	1044.8	1042.0	1039.2	1042.0	1044.8	1045.5	1045.8	1046.1	1046.3	1052.3	1064.2
172.5°	1046.1	1045.4	1044.8	1045.4	1046.1	1046.3	1046.3	1046.3	1046.3	1051.0	1060.4
175°	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1050.5	1047.7	1046.3	1049.3	1055.3
177.5°	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1051.0	1048.7	1047.6	1050.0	1054.7
180°	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6



TEST NUMBER: P935740

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4	2440.4
2.5°	2355.0	2348.0	2357.2	2331.9	2357.2	2348.0	2355.0	2371.1	2357.2	2366.5	2375.7
5°	2066.3	2054.8	2017.8	1987.8	2017.8	2054.8	2066.3	2114.8	2137.9	2179.5	2234.9
7.5°	1847.0	1837.7	1828.6	1810.1	1828.6	1837.7	1847.0	1860.8	1883.9	1920.9	1962.5
10°	1798.5	1800.8	1814.7	1812.4	1814.7	1800.8	1798.5	1793.9	1787.0	1793.9	1819.3
12.5°	1923.2	1944.0	2020.2	2015.6	2020.2	1944.0	1923.2	1830.8	1768.5	1757.0	1761.6
15°	2066.3	2073.2	2089.4	2091.7	2089.4	2073.2	2066.3	2029.4	1842.4	1761.6	1736.2
17.5°	2080.2	2082.5	2094.1	2094.1	2094.1	2082.5	2080.2	2064.1	2001.7	1893.2	1750.1
20°	2068.7	2073.2	2096.3	2101.0	2096.3	2073.2	2068.7	2047.9	2013.2	1974.0	1865.5
22.5°	2064.1	2073.2	2091.7	2089.4	2091.7	2073.2	2064.1	2031.7	2001.7	1974.0	1930.2
25°	2041.0	2041.0	2043.2	2045.6	2043.2	2041.0	2041.0	2015.6	1955.5	1948.6	1923.2
27.5°	1992.5	1997.1	2010.9	2008.7	2010.9	1997.1	1992.5	1983.2	1918.6	1911.7	1893.2
30°	1948.6	1944.0	1932.4	1923.2	1932.4	1944.0	1948.6	1934.7	1870.1	1851.7	1856.2
32.5°	1874.8	1863.2	1851.7	1844.7	1851.7	1863.2	1874.8	1870.1	1821.6	1796.3	1800.8
35°	1787.0	1789.3	1787.0	1780.1	1787.0	1789.3	1787.0	1791.6	1761.6	1738.5	1736.2
37.5°	1724.7	1729.2	1726.9	1717.8	1726.9	1729.2	1724.7	1720.0	1678.5	1671.5	1676.2
40°	1660.0	1662.3	1660.0	1653.1	1660.0	1662.3	1660.0	1650.8	1593.0	1595.3	1611.5
42.5°	1597.7	1595.3	1588.4	1583.8	1588.4	1595.3	1597.7	1583.8	1509.9	1503.0	1533.0
45°	1526.1	1528.4	1514.5	1507.6	1514.5	1528.4	1526.1	1516.8	1440.7	1422.2	1443.0
47.5°	1454.5	1454.5	1443.0	1436.0	1443.0	1454.5	1454.5	1443.0	1362.2	1343.7	1355.3
50°	1378.4	1376.0	1359.9	1357.5	1359.9	1376.0	1378.4	1371.4	1286.0	1269.9	1269.9
52.5°	1290.6	1290.6	1292.9	1297.5	1292.9	1290.6	1290.6	1292.9	1216.7	1200.5	1195.9
55°	1214.4	1216.7	1232.9	1237.5	1232.9	1216.7	1214.4	1214.4	1145.1	1129.0	1119.8
57.5°	1136.0	1136.0	1147.4	1147.4	1147.4	1136.0	1136.0	1131.3	1064.4	1050.4	1045.9
60°	1045.9	1050.4	1059.7	1057.5	1059.7	1050.4	1045.9	1041.3	983.5	974.3	958.1
62.5°	951.2	955.8	958.1	953.5	958.1	955.8	951.2	937.4	902.7	895.8	875.0
65°	852.0	856.5	858.9	854.2	858.9	856.5	852.0	845.1	819.6	808.0	789.6
67.5°	750.4	748.0	745.7	755.0	745.7	748.0	750.4	741.1	725.0	715.7	690.3
70°	646.5	646.5	644.1	648.8	644.1	646.5	646.5	639.6	630.3	623.4	600.3
72.5°	535.6	533.3	542.6	535.6	542.6	533.3	535.6	533.3	528.7	521.8	498.7
75°	427.2	431.7	427.2	434.1	427.2	431.7	427.2	429.4	427.2	422.5	406.3
77.5°	325.6	330.2	325.6	325.6	325.6	330.2	325.6	327.8	327.8	327.8	314.0
80°	230.9	228.6	228.6	226.2	228.6	228.6	230.9	230.9	233.1	228.6	224.0
82.5°	147.7	145.5	145.5	150.1	145.5	145.5	147.7	150.1	145.5	145.5	145.5
85°	80.8	83.1	78.5	78.5	78.5	83.1	80.8	76.2	80.8	80.8	78.5
87.5°	30.0	27.7	27.7	27.7	27.7	27.7	30.0	32.3	32.3	32.3	34.7
90°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	35.7	47.7	53.7	46.1
92.5°	134.3	128.9	107.5	86.1	107.5	128.9	134.3	190.3	265.0	302.4	265.4
95°	455.6	439.4	374.8	310.1	374.8	439.4	455.6	598.4	788.7	883.8	746.4
97.5°	1051.9	1021.2	898.1	775.0	898.1	1021.2	1051.9	1142.1	1262.4	1322.5	1093.5
100°	1477.2	1440.5	1294.0	1147.3	1294.0	1440.5	1477.2	1470.6	1461.8	1457.4	1203.3
102.5°	1840.3	1808.9	1683.3	1557.8	1683.3	1808.9	1840.3	1725.4	1572.1	1495.5	1237.7
105°	2264.2	2247.3	2179.8	2112.3	2179.8	2247.3	2264.2	2006.6	1663.1	1491.3	1241.7
107.5°	2484.6	2488.7	2505.0	2521.3	2505.0	2488.7	2484.6	2125.3	1646.2	1406.6	1186.4
110°	2541.2	2558.7	2629.0	2699.3	2629.0	2558.7	2541.2	2139.4	1603.7	1335.9	1137.4



TEST NUMBER: P935740

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2505.0	2532.1	2640.0	2748.1	2640.0	2532.1	2505.0	2093.9	1545.7	1271.6	1094.7
115°	2382.9	2420.4	2570.1	2719.8	2570.1	2420.4	2382.9	1986.8	1458.7	1194.6	1045.6
117.5°	2214.1	2255.5	2421.6	2587.7	2421.6	2255.5	2214.1	1856.6	1379.9	1141.6	1014.9
120°	2100.3	2140.6	2302.0	2463.4	2302.0	2140.6	2100.3	1773.6	1338.2	1120.4	1004.5
122.5°	1986.6	2026.3	2185.5	2344.7	2185.5	2026.3	1986.6	1692.5	1300.3	1104.2	999.1
125°	1836.1	1872.8	2019.4	2166.0	2019.4	1872.8	1836.1	1586.2	1253.1	1086.6	994.7
127.5°	1715.3	1746.2	1869.9	1993.7	1869.9	1746.2	1715.3	1500.8	1214.7	1071.7	992.1
130°	1639.0	1667.5	1781.9	1896.1	1781.9	1667.5	1639.0	1448.0	1193.4	1066.0	993.6
132.5°	1573.9	1599.5	1701.9	1804.3	1701.9	1599.5	1573.9	1403.0	1175.1	1061.1	994.7
135°	1482.2	1504.2	1592.4	1680.6	1592.4	1504.2	1482.2	1339.0	1148.1	1052.6	993.8
137.5°	1414.3	1432.3	1504.5	1576.8	1504.5	1432.3	1414.3	1293.2	1131.9	1051.2	999.9
140°	1359.9	1376.8	1444.3	1511.8	1444.3	1376.8	1359.9	1255.4	1115.9	1046.3	1000.9
142.5°	1321.8	1336.3	1394.4	1452.5	1394.4	1336.3	1321.8	1229.9	1107.5	1046.3	1004.5
145°	1264.6	1275.6	1319.5	1363.5	1319.5	1275.6	1264.6	1189.4	1089.3	1039.2	1004.5
147.5°	1216.5	1225.6	1262.1	1298.5	1262.1	1225.6	1216.5	1157.4	1078.6	1039.2	1011.4
150°	1189.0	1196.4	1225.9	1255.4	1225.9	1196.4	1189.0	1139.0	1072.5	1039.2	1015.0
152.5°	1167.1	1172.6	1194.9	1217.2	1194.9	1172.6	1167.1	1124.4	1067.5	1039.2	1017.3
155°	1141.0	1144.7	1159.4	1174.2	1159.4	1144.7	1141.0	1107.0	1061.8	1039.2	1022.5
157.5°	1118.3	1120.9	1131.2	1141.6	1131.2	1120.9	1118.3	1091.9	1056.7	1039.2	1027.7
160°	1107.0	1108.5	1114.5	1120.4	1114.5	1108.5	1107.0	1084.4	1054.3	1039.2	1030.1
162.5°	1096.4	1097.8	1103.5	1109.1	1103.5	1097.8	1096.4	1077.3	1051.9	1039.2	1032.6
165°	1080.2	1081.6	1087.7	1093.6	1087.7	1081.6	1080.2	1066.5	1048.3	1039.2	1036.2
167.5°	1073.1	1073.7	1076.2	1078.7	1076.2	1073.7	1073.1	1064.2	1052.3	1046.3	1043.7
170°	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1073.1	1064.2	1052.3	1046.3	1046.1
172.5°	1067.5	1066.9	1064.7	1062.5	1064.7	1066.9	1067.5	1060.4	1051.0	1046.3	1046.3
175°	1059.7	1059.7	1059.7	1059.7	1059.7	1059.7	1059.7	1055.3	1049.3	1046.3	1047.7
177.5°	1058.3	1057.6	1055.2	1052.6	1055.2	1057.6	1058.3	1054.7	1050.0	1047.6	1048.7
180°	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6	1052.6



TEST NUMBER: P935740

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2440.4	2440.4	2440.4	2440.4	2440.4
2.5°	2410.4	2421.9	2428.8	2438.1	2461.1
5°	2318.0	2361.9	2375.7	2410.4	2451.9
7.5°	2114.8	2248.7	2285.6	2368.8	2433.5
10°	1918.6	2052.5	2117.2	2313.4	2410.4
12.5°	1819.3	1897.8	1941.7	2216.4	2378.1
15°	1757.0	1812.4	1844.7	2087.2	2341.1
17.5°	1708.5	1747.8	1770.8	1960.2	2290.3
20°	1678.5	1696.9	1717.8	1867.8	2232.6
22.5°	1657.7	1646.2	1662.3	1803.2	2154.1
25°	1643.8	1600.0	1618.4	1752.3	2061.7
27.5°	1655.4	1558.4	1565.3	1706.2	1964.7
30°	1657.7	1507.6	1509.9	1657.7	1856.2
32.5°	1641.5	1454.5	1456.9	1597.7	1733.9
35°	1602.3	1392.2	1389.8	1528.4	1567.7
37.5°	1549.2	1325.3	1325.3	1452.2	1385.3
40°	1484.5	1258.3	1265.2	1352.9	1223.6
42.5°	1406.0	1186.7	1195.9	1221.4	1103.6
45°	1320.6	1117.4	1124.4	1032.0	1011.2
47.5°	1225.9	1045.9	1048.2	856.5	981.2
50°	1112.8	971.9	962.8	734.2	979.0
52.5°	1013.5	891.2	863.5	664.9	888.9
55°	916.6	805.8	745.7	611.8	824.2
57.5°	831.1	695.0	637.2	549.5	810.4
60°	752.6	586.4	542.6	482.6	743.4
62.5°	688.0	505.6	496.4	436.4	674.1
65°	618.7	450.2	447.9	397.1	572.6
67.5°	551.8	413.2	411.0	360.1	436.4
70°	480.2	374.0	369.4	320.9	323.2
72.5°	406.3	330.2	325.6	288.6	267.8
75°	332.5	279.3	277.1	251.7	217.0
77.5°	260.9	221.7	226.2	203.2	159.3
80°	187.0	161.6	166.2	145.5	120.1
82.5°	124.7	106.2	110.8	92.3	80.8
85°	69.2	60.0	62.3	48.5	36.9
87.5°	32.3	27.7	27.7	18.5	11.6
90°	31.0	19.7	18.4	12.7	7.1
92.5°	191.7	136.4	124.3	76.3	28.3
95°	471.6	265.6	243.6	155.7	67.9
97.5°	635.3	291.7	272.3	194.8	117.3
100°	694.9	313.6	296.1	225.8	155.5
102.5°	722.3	335.6	319.2	253.5	187.9
105°	742.4	368.0	354.1	298.6	243.1
107.5°	746.3	416.1	403.2	351.3	299.5
110°	740.5	442.9	431.2	384.4	337.7



TEST NUMBER: P935740

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	740.8	475.5	464.3	419.7	375.1
115°	747.7	524.2	513.9	472.7	431.6
117.5°	761.5	571.5	562.2	524.9	487.5
120°	772.8	599.1	590.3	555.2	519.9
122.5°	789.1	631.6	622.7	587.3	551.8
125°	811.0	673.2	665.1	632.8	600.5
127.5°	833.0	713.5	705.3	672.7	640.0
130°	848.9	740.4	731.5	696.4	661.2
132.5°	861.9	762.3	753.5	718.3	683.1
135°	876.0	787.7	779.6	747.6	715.6
137.5°	897.2	820.2	812.3	780.6	748.8
140°	910.1	842.1	834.8	805.6	776.4
142.5°	921.0	858.3	851.6	824.6	797.6
145°	935.1	883.1	877.2	853.6	830.0
147.5°	955.8	914.2	908.5	885.5	862.6
150°	966.7	930.4	925.2	904.5	883.8
152.5°	973.8	941.0	937.1	921.4	905.6
155°	989.2	964.3	961.4	949.8	938.2
157.5°	1004.8	987.6	984.8	973.5	962.2
160°	1011.9	998.2	996.1	987.2	978.4
162.5°	1019.4	1009.5	1007.9	1001.2	994.7
165°	1030.3	1025.8	1024.3	1018.3	1012.3
167.5°	1038.7	1035.0	1034.3	1031.4	1028.6
170°	1045.8	1045.5	1044.8	1042.0	1039.2
172.5°	1046.3	1046.3	1046.1	1045.4	1044.8
175°	1050.5	1052.6	1052.6	1052.6	1052.6
177.5°	1051.0	1052.6	1052.6	1052.6	1052.6
180°	1052.6	1052.6	1052.6	1052.6	1052.6



TEST NUMBER: P935740

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-4000K

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	14.06	14.90	15.03	15.89	17.19	16.88	17.73	17.85	18.71	20.01
	3H	14.53	15.29	15.52	16.29	17.61	18.22	18.98	19.21	19.98	21.30
	4H	14.72	15.44	15.72	16.44	17.77	18.67	19.38	19.66	20.38	21.71
	6H	14.84	15.50	15.85	16.51	17.85	18.95	19.61	19.96	20.61	21.95
	8H	14.84	15.47	15.86	16.49	17.83	19.02	19.65	20.04	20.67	22.01
	12H	14.81	15.41	15.83	16.43	17.79	19.06	19.66	20.08	20.67	22.03
4H	2H	15.09	15.80	16.09	16.80	18.13	17.29	18.01	18.29	19.01	20.33
	3H	16.11	16.71	17.13	17.74	19.08	18.79	19.39	19.81	20.42	21.76
	4H	16.39	16.93	17.41	17.95	19.32	19.32	19.86	20.34	20.89	22.25
	6H	16.51	16.98	17.54	18.03	19.39	19.68	20.15	20.71	21.20	22.56
	8H	16.52	16.96	17.55	17.99	19.37	19.79	20.23	20.82	21.26	22.64
	12H	16.48	16.88	17.53	17.93	19.31	19.84	20.24	20.89	21.29	22.67
8H	4H	16.84	17.28	17.87	18.32	19.69	19.44	19.88	20.47	20.92	22.29
	6H	17.10	17.46	18.16	18.54	19.92	19.88	20.24	20.93	21.32	22.69
	8H	17.14	17.46	18.21	18.53	19.92	20.03	20.35	21.09	21.41	22.80
	12H	17.13	17.41	18.19	18.47	19.90	20.12	20.40	21.19	21.46	22.90
12H	4H	16.84	17.24	17.90	18.29	19.67	19.41	19.80	20.46	20.85	22.24
	6H	17.16	17.48	18.22	18.54	19.94	19.87	20.19	20.94	21.26	22.65
	8H	17.23	17.51	18.29	18.57	20.00	20.03	20.31	21.10	21.37	22.81