

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: P935747

Luminaire Tested: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935747
REPORT IS A COMBINATION OF REPORTS P933768 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-8-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

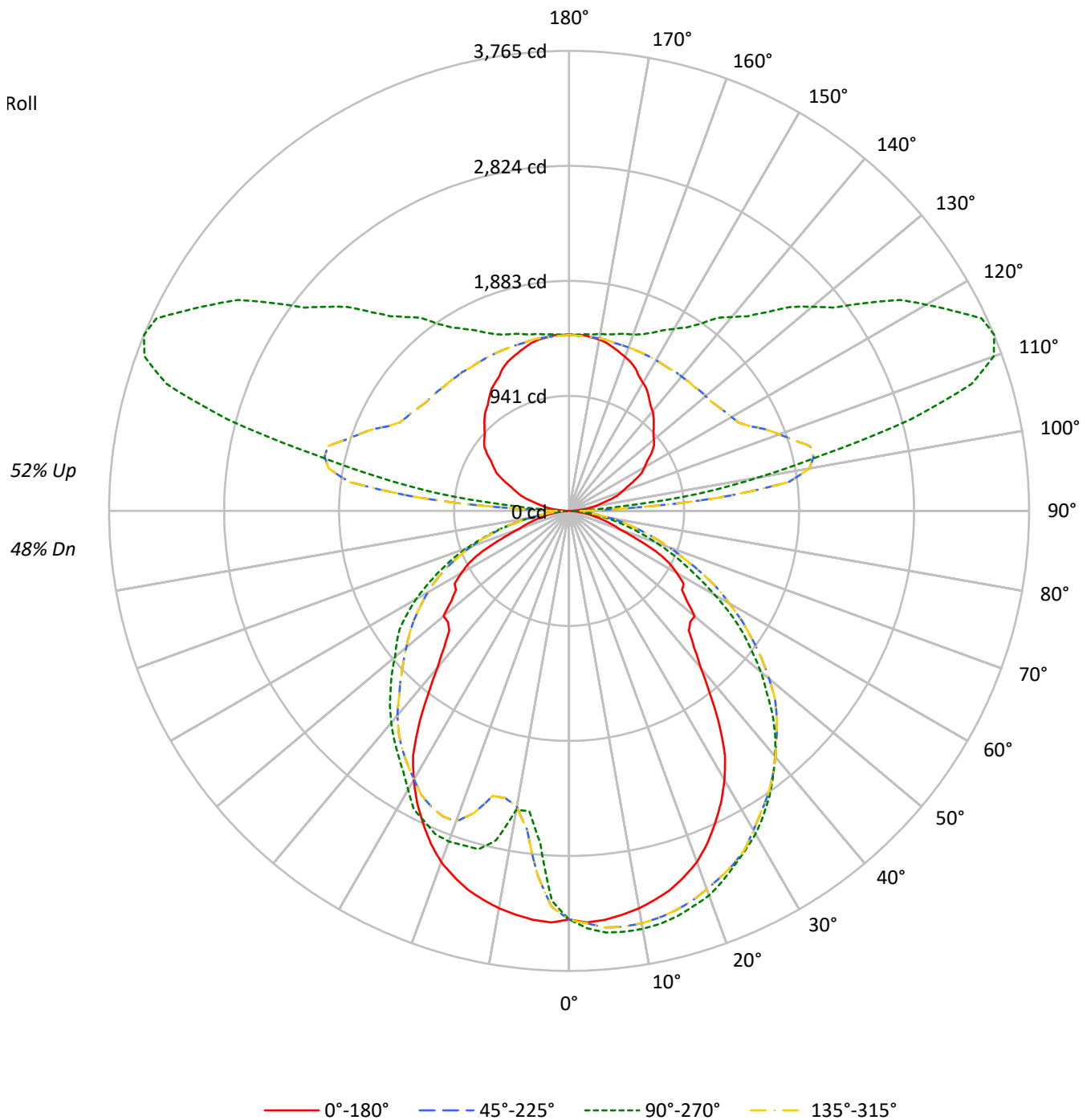
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18024.0 lumens
Efficiency: N/A
Efficacy: 119.8 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: General Diffuse

Input Watts (W): 150.4
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: P935747
CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-5000K

Luminous Intensity Polar Plot





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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°	15513	15513	15513	15513
5°	15629	15660	15629	12313
10°	15524	15425	15524	11028
15°	15356	15091	15356	12602
20°	15035	14695	15035	12628
25°	14378	14118	14378	12360
30°	13528	13639	13528	11773
35°	12060	13032	12060	11127
40°	10049	12319	10049	10639
45°	8979	11483	8979	10078
50°	9539	10486	9539	9516
55°	8975	9413	8975	9190
60°	9251	7994	9251	8417
65°	8388	6608	8388	7387
70°	5809	5266	5809	6192
75°	5092	3893	5092	4662
80°	4104	2574	4104	2802
85°	2357	1364	2357	1159

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13761 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	301.8	1.7
10°-20°	856.9	4.8
20°-30°	1324.7	7.3
30°-40°	1581.4	8.8
40°-50°	1590.7	8.8
50°-60°	1384.1	7.7
60°-70°	981.3	5.4
70°-80°	519.2	2.9
80°-90°	134.8	0.7
90°-100°	703.0	3.9
100°-110°	1848.2	10.3
110°-120°	1916.4	10.6
120°-130°	1537.2	8.5
130°-140°	1206.1	6.7
140°-150°	925.8	5.1
150°-160°	666.7	3.7
160°-170°	407.9	2.3
170°-180°	137.8	0.8
0°-30°	2483.5	13.8
0°-40°	4064.9	22.6
0°-60°	7039.6	39.1
0°-90°	8674.9	48.1
90°-120°	4467.6	24.8
90°-150°	8136.6	45.1
90°-180°	9349.0	51.9
0°-180°	18024.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3344	3344	3344	3344	3344	
5°	3359	3464	3359	2724	3359	319
15°	3208	3432	3208	2866	3208	902
25°	2825	3201	2825	2803	2825	1297
35°	2148	2856	2148	2439	2148	1329
45°	1386	2354	1386	2066	1386	1110
55°	1129	1737	1129	1696	1129	1038
65°	784	1047	784	1170	784	750
75°	297	497	297	595	297	313
85°	51	127	51	108	51	68
90°	10	37	10	37	10	10
95°	93	425	93	425	93	103
105°	333	2894	333	2894	333	353
115°	591	3726	591	3726	591	584
125°	823	2968	823	2968	823	730
135°	980	2303	980	2303	980	759
145°	1137	1868	1137	1868	1137	712
155°	1285	1609	1285	1609	1285	591
165°	1387	1498	1387	1498	1387	391
175°	1442	1452	1442	1452	1442	137
180°	1442	1442	1442	1442	1442	



TEST NUMBER: P935747

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6
2.5°	3372.0	3372.0	3391.0	3397.4	3397.4	3387.9	3378.4	3387.9	3416.4	3425.9	3422.7
5°	3359.4	3384.8	3419.5	3425.9	3432.1	3429.1	3422.7	3429.1	3460.7	3467.0	3470.2
7.5°	3334.1	3381.6	3425.9	3435.3	3444.9	3435.3	3432.1	3438.5	3470.2	3476.5	3476.5
10°	3302.5	3369.0	3419.5	3425.9	3435.3	3425.9	3425.9	3438.5	3470.2	3476.5	3479.6
12.5°	3258.2	3349.9	3397.4	3403.7	3416.4	3413.2	3410.1	3422.7	3454.3	3460.7	3460.7
15°	3207.6	3315.1	3359.4	3365.8	3387.9	3381.6	3381.6	3394.2	3429.1	3438.5	3435.3
17.5°	3138.0	3270.8	3321.5	3330.9	3346.8	3343.6	3346.8	3359.4	3391.0	3397.4	3400.6
20°	3058.9	3210.7	3270.8	3280.4	3296.1	3296.1	3296.1	3311.9	3343.6	3356.2	3356.2
22.5°	2951.3	3147.5	3210.7	3217.1	3236.0	3236.0	3242.4	3264.6	3293.0	3296.1	3296.1
25°	2824.9	3077.9	3131.6	3150.6	3169.6	3179.1	3188.7	3201.3	3210.7	3207.6	3210.7
27.5°	2692.0	2989.3	3058.9	3071.5	3096.9	3106.4	3119.0	3122.2	3125.4	3134.8	3128.5
30°	2543.3	2866.0	2970.3	2983.0	3024.1	3030.4	3017.8	3024.1	3039.9	3046.3	3052.6
32.5°	2375.6	2682.5	2878.6	2907.1	2945.1	2926.1	2922.9	2932.4	2957.7	2957.7	2964.0
35°	2147.9	2540.2	2793.2	2818.5	2846.9	2824.9	2837.5	2840.7	2856.5	2866.0	2862.8
37.5°	1898.0	2416.8	2704.7	2723.6	2745.8	2717.3	2736.3	2745.8	2758.4	2752.1	2752.1
40°	1676.6	2223.8	2600.3	2612.9	2631.9	2609.7	2628.7	2635.0	2641.4	2635.0	2631.9
42.5°	1512.1	2011.9	2489.5	2505.3	2492.7	2508.5	2514.8	2527.4	2518.0	2505.3	2505.3
45°	1385.5	1954.9	2369.3	2388.3	2369.3	2394.6	2404.2	2404.2	2375.6	2369.3	2366.1
47.5°	1344.4	1841.0	2249.1	2249.1	2239.6	2271.2	2287.0	2264.9	2236.5	2226.9	2226.9
50°	1341.2	1714.5	2084.6	2072.0	2116.3	2154.2	2138.4	2116.3	2094.1	2059.3	2059.3
52.5°	1217.8	1559.5	1872.7	1920.2	1989.7	2011.9	1986.5	1964.4	1926.4	1910.6	1898.0
55°	1129.3	1398.2	1679.8	1774.6	1847.4	1875.9	1828.4	1806.2	1749.3	1739.9	1733.5
57.5°	1110.3	1164.1	1502.5	1622.7	1711.4	1708.2	1679.8	1638.6	1591.2	1581.6	1578.5
60°	1018.5	841.4	1312.8	1455.2	1546.8	1537.4	1512.1	1474.1	1429.8	1423.5	1417.2
62.5°	923.7	610.5	1097.6	1259.0	1388.7	1385.5	1363.4	1306.4	1274.8	1259.0	1246.3
65°	784.5	512.5	781.3	1047.1	1233.7	1240.0	1192.6	1151.5	1116.6	1097.6	1094.5
67.5°	597.8	417.5	528.3	873.1	1085.0	1078.7	1018.5	999.6	955.4	945.8	926.9
70°	442.9	278.4	367.0	708.6	939.5	923.7	876.2	854.1	813.0	790.9	778.1
72.5°	367.0	224.6	268.9	550.4	790.9	771.9	730.8	705.4	670.7	651.7	639.0
75°	297.3	237.2	205.6	408.1	642.1	629.5	591.6	566.2	537.7	512.5	515.6
77.5°	218.3	221.4	164.5	300.5	509.3	490.3	468.2	436.5	423.9	398.6	398.6
80°	164.5	173.9	123.4	205.6	367.0	367.0	348.0	325.8	303.7	291.1	291.1
82.5°	110.7	110.7	91.7	129.7	249.9	240.4	227.8	221.4	208.8	202.5	202.5
85°	50.6	63.3	56.9	79.1	136.0	142.4	142.4	136.0	132.8	126.6	129.7
87.5°	15.8	28.5	34.8	44.3	69.6	72.7	75.9	75.9	75.9	79.1	79.1
90°	9.7	17.5	25.1	27.1	42.6	63.3	73.6	65.3	49.0	36.7	36.7
92.5°	38.7	104.5	170.4	186.8	262.7	363.7	414.3	363.0	260.7	183.9	176.6
95°	92.9	213.4	333.9	364.0	646.3	1022.7	1210.8	1080.5	819.8	624.3	602.1
97.5°	160.7	267.0	373.2	399.8	870.5	1498.1	1811.9	1729.6	1564.8	1441.2	1399.1
100°	212.9	309.3	405.7	429.8	952.1	1648.5	1996.8	2002.8	2014.9	2023.9	1973.7
102.5°	257.4	347.3	437.3	459.8	989.6	1695.9	2049.1	2154.0	2364.0	2521.4	2478.4
105°	332.9	409.1	485.2	504.3	1017.2	1701.3	2043.3	2278.5	2749.2	3102.1	3079.0
107.5°	410.4	481.4	552.3	570.1	1022.4	1625.5	1927.1	2255.4	2911.8	3404.1	3409.7
110°	462.7	526.8	590.9	606.9	1014.7	1558.4	1830.3	2197.3	2931.1	3481.5	3505.6



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	514.0	575.0	636.2	651.4	1015.0	1499.8	1742.2	2117.8	2868.8	3432.1	3469.2
115°	591.4	647.8	704.0	718.1	1024.3	1432.6	1636.8	1998.5	2722.1	3264.7	3316.1
117.5°	667.8	719.1	770.2	783.0	1043.4	1390.6	1564.1	1890.6	2543.6	3033.4	3090.3
120°	712.3	760.6	808.7	820.8	1058.8	1376.4	1535.1	1833.4	2430.0	2877.6	2932.8
122.5°	755.9	804.5	853.1	865.3	1081.1	1368.9	1512.8	1781.5	2318.8	2721.8	2776.3
125°	822.7	867.0	911.3	922.4	1111.1	1362.8	1488.6	1716.9	2173.3	2515.6	2565.8
127.5°	876.9	921.7	966.4	977.6	1141.2	1359.2	1468.3	1664.2	2056.2	2350.0	2392.4
130°	905.9	954.1	1002.3	1014.3	1163.1	1361.4	1460.6	1635.0	1983.9	2245.5	2284.7
132.5°	935.9	984.2	1032.3	1044.3	1180.8	1362.8	1453.7	1609.9	1922.2	2156.5	2191.5
135°	980.5	1024.3	1068.3	1079.2	1200.2	1361.5	1442.2	1572.9	1834.5	2030.6	2060.8
137.5°	1025.9	1069.4	1112.9	1123.7	1229.2	1369.9	1440.2	1550.8	1771.9	1937.7	1962.5
140°	1063.7	1103.7	1143.7	1153.7	1247.0	1371.3	1433.5	1529.0	1720.0	1863.2	1886.3
142.5°	1092.8	1129.8	1166.7	1176.0	1261.8	1376.3	1433.5	1517.3	1685.1	1810.9	1830.8
145°	1137.3	1169.5	1201.8	1209.9	1281.2	1376.3	1423.7	1492.4	1629.7	1732.6	1747.6
147.5°	1181.8	1213.2	1244.7	1252.5	1309.6	1385.7	1423.7	1477.8	1585.7	1666.8	1679.2
150°	1210.8	1239.2	1267.6	1274.8	1324.4	1390.7	1423.7	1469.4	1560.6	1629.0	1639.1
152.5°	1240.8	1262.3	1283.8	1289.2	1334.1	1393.8	1423.7	1462.7	1540.6	1599.0	1606.7
155°	1285.4	1301.3	1317.2	1321.2	1355.4	1400.9	1423.7	1454.8	1516.7	1563.2	1568.2
157.5°	1318.3	1333.7	1349.2	1353.1	1376.6	1408.0	1423.7	1447.9	1496.0	1532.2	1535.7
160°	1340.6	1352.6	1364.7	1367.7	1386.4	1411.3	1423.7	1444.4	1485.7	1516.7	1518.7
162.5°	1362.8	1371.8	1380.8	1383.1	1396.6	1414.7	1423.7	1441.1	1476.0	1502.2	1504.1
165°	1387.0	1395.2	1403.4	1405.4	1411.5	1419.6	1423.7	1436.3	1461.2	1479.9	1482.0
167.5°	1409.3	1413.1	1417.0	1417.9	1423.1	1430.0	1433.5	1441.6	1458.0	1470.2	1471.0
170°	1423.7	1427.7	1431.6	1432.5	1432.8	1433.3	1433.5	1441.6	1458.0	1470.2	1470.2
172.5°	1431.5	1432.3	1433.3	1433.5	1433.5	1433.5	1433.5	1439.9	1452.8	1462.5	1461.8
175°	1442.2	1442.2	1442.2	1442.2	1439.3	1435.4	1433.5	1437.6	1445.7	1451.9	1451.9
177.5°	1442.2	1442.2	1442.2	1442.2	1439.9	1436.9	1435.4	1438.6	1445.1	1449.9	1449.1
180°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2



TEST NUMBER: P935747

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6
2.5°	3429.1	3419.5	3429.1	3422.7	3425.9	3416.4	3387.9	3378.4	3387.9	3397.4	3397.4
5°	3470.2	3463.8	3470.2	3470.2	3467.0	3460.7	3429.1	3422.7	3429.1	3432.1	3425.9
7.5°	3482.8	3473.3	3482.8	3476.5	3476.5	3470.2	3438.5	3432.1	3435.3	3444.9	3435.3
10°	3482.8	3473.3	3482.8	3479.6	3476.5	3470.2	3438.5	3425.9	3425.9	3435.3	3425.9
12.5°	3467.0	3460.7	3467.0	3460.7	3460.7	3454.3	3422.7	3410.1	3413.2	3416.4	3403.7
15°	3441.7	3432.1	3441.7	3435.3	3438.5	3429.1	3394.2	3381.6	3381.6	3387.9	3365.8
17.5°	3403.7	3391.0	3403.7	3400.6	3397.4	3391.0	3359.4	3346.8	3343.6	3346.8	3330.9
20°	3359.4	3349.9	3359.4	3356.2	3356.2	3343.6	3311.9	3296.1	3296.1	3296.1	3280.4
22.5°	3289.8	3280.4	3289.8	3296.1	3296.1	3293.0	3264.6	3242.4	3236.0	3236.0	3217.1
25°	3210.7	3201.3	3210.7	3210.7	3207.6	3210.7	3201.3	3188.7	3179.1	3169.6	3150.6
27.5°	3134.8	3128.5	3134.8	3128.5	3134.8	3125.4	3122.2	3119.0	3106.4	3096.9	3071.5
30°	3058.9	3052.6	3058.9	3052.6	3046.3	3039.9	3024.1	3017.8	3030.4	3024.1	2983.0
32.5°	2964.0	2957.7	2964.0	2964.0	2957.7	2957.7	2932.4	2922.9	2926.1	2945.1	2907.1
35°	2866.0	2856.5	2866.0	2862.8	2866.0	2856.5	2840.7	2837.5	2824.9	2846.9	2818.5
37.5°	2752.1	2742.6	2752.1	2752.1	2752.1	2758.4	2745.8	2736.3	2717.3	2745.8	2723.6
40°	2635.0	2622.4	2635.0	2631.9	2635.0	2641.4	2635.0	2628.7	2609.7	2631.9	2612.9
42.5°	2502.2	2499.0	2502.2	2505.3	2505.3	2518.0	2527.4	2514.8	2508.5	2492.7	2505.3
45°	2359.9	2353.5	2359.9	2366.1	2369.3	2375.6	2404.2	2404.2	2394.6	2369.3	2388.3
47.5°	2208.0	2192.2	2208.0	2226.9	2226.9	2236.5	2264.9	2287.0	2271.2	2239.6	2249.1
50°	2046.6	2049.8	2046.6	2059.3	2059.3	2094.1	2116.3	2138.4	2154.2	2116.3	2072.0
52.5°	1888.5	1885.3	1888.5	1898.0	1910.6	1926.4	1964.4	1986.5	2011.9	1989.7	1920.2
55°	1730.3	1736.7	1730.3	1733.5	1739.9	1749.3	1806.2	1828.4	1875.9	1847.4	1774.6
57.5°	1572.2	1562.6	1572.2	1578.5	1581.6	1591.2	1638.6	1679.8	1708.2	1711.4	1622.7
60°	1388.7	1376.1	1388.7	1417.2	1423.5	1429.8	1474.1	1512.1	1537.4	1546.8	1455.2
62.5°	1227.4	1205.2	1227.4	1246.3	1259.0	1274.8	1306.4	1363.4	1385.5	1388.7	1259.0
65°	1056.5	1047.1	1056.5	1094.5	1097.6	1116.6	1151.5	1192.6	1240.0	1233.7	1047.1
67.5°	901.5	901.5	901.5	926.9	945.8	955.4	999.6	1018.5	1078.7	1085.0	873.1
70°	759.2	756.0	759.2	778.1	790.9	813.0	854.1	876.2	923.7	939.5	708.6
72.5°	623.2	620.0	623.2	639.0	651.7	670.7	705.4	730.8	771.9	790.9	550.4
75°	503.0	496.6	503.0	515.6	512.5	537.7	566.2	591.6	629.5	642.1	408.1
77.5°	385.9	385.9	385.9	398.6	398.6	423.9	436.5	468.2	490.3	509.3	300.5
80°	287.9	284.7	287.9	291.1	291.1	303.7	325.8	348.0	367.0	367.0	205.6
82.5°	202.5	196.1	202.5	202.5	202.5	208.8	221.4	227.8	240.4	249.9	129.7
85°	126.6	126.6	126.6	129.7	126.6	132.8	136.0	142.4	142.4	136.0	79.1
87.5°	82.3	79.1	82.3	79.1	79.1	75.9	75.9	75.9	72.7	69.6	44.3
90°	36.7	36.7	36.7	36.7	36.7	49.0	65.3	73.6	63.3	42.6	27.1
92.5°	147.3	118.1	147.3	176.6	183.9	260.7	363.0	414.3	363.7	262.7	186.8
95°	513.5	424.9	513.5	602.1	624.3	819.8	1080.5	1210.8	1022.7	646.3	364.0
97.5°	1230.4	1061.8	1230.4	1399.1	1441.2	1564.8	1729.6	1811.9	1498.1	870.5	399.8
100°	1772.8	1571.9	1772.8	1973.7	2023.9	2014.9	2002.8	1996.8	1648.5	952.1	429.8
102.5°	2306.3	2134.2	2306.3	2478.4	2521.4	2364.0	2154.0	2049.1	1695.9	989.6	459.8
105°	2986.5	2894.0	2986.5	3079.0	3102.1	2749.2	2278.5	2043.3	1701.3	1017.2	504.3
107.5°	3432.1	3454.4	3432.1	3409.7	3404.1	2911.8	2255.4	1927.1	1625.5	1022.4	570.1
110°	3602.0	3698.4	3602.0	3505.6	3481.5	2931.1	2197.3	1830.3	1558.4	1014.7	606.9



TEST NUMBER: P935747

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3617.1	3765.1	3617.1	3469.2	3432.1	2868.8	2117.8	1742.2	1499.8	1015.0	651.4
115°	3521.2	3726.4	3521.2	3316.1	3264.7	2722.1	1998.5	1636.8	1432.6	1024.3	718.1
117.5°	3317.8	3545.4	3317.8	3090.3	3033.4	2543.6	1890.6	1564.1	1390.6	1043.4	783.0
120°	3154.0	3375.0	3154.0	2932.8	2877.6	2430.0	1833.4	1535.1	1376.4	1058.8	820.8
122.5°	2994.4	3212.5	2994.4	2776.3	2721.8	2318.8	1781.5	1512.8	1368.9	1081.1	865.3
125°	2766.7	2967.6	2766.7	2565.8	2515.6	2173.3	1716.9	1488.6	1362.8	1111.1	922.4
127.5°	2561.9	2731.4	2561.9	2392.4	2350.0	2056.2	1664.2	1468.3	1359.2	1141.2	977.6
130°	2441.3	2597.8	2441.3	2284.7	2245.5	1983.9	1635.0	1460.6	1361.4	1163.1	1014.3
132.5°	2331.8	2472.0	2331.8	2191.5	2156.5	1922.2	1609.9	1453.7	1362.8	1180.8	1044.3
135°	2181.8	2302.6	2181.8	2060.8	2030.6	1834.5	1572.9	1442.2	1361.5	1200.2	1079.2
137.5°	2061.4	2160.4	2061.4	1962.5	1937.7	1771.9	1550.8	1440.2	1369.9	1229.2	1123.7
140°	1978.9	2071.3	1978.9	1886.3	1863.2	1720.0	1529.0	1433.5	1371.3	1247.0	1153.7
142.5°	1910.4	1990.0	1910.4	1830.8	1810.9	1685.1	1517.3	1433.5	1376.3	1261.8	1176.0
145°	1807.8	1868.0	1807.8	1747.6	1732.6	1629.7	1492.4	1423.7	1376.3	1281.2	1209.9
147.5°	1729.1	1779.0	1729.1	1679.2	1666.8	1585.7	1477.8	1423.7	1385.7	1309.6	1252.5
150°	1679.6	1720.0	1679.6	1639.1	1629.0	1560.6	1469.4	1423.7	1390.7	1324.4	1274.8
152.5°	1637.1	1667.7	1637.1	1606.7	1599.0	1540.6	1462.7	1423.7	1393.8	1334.1	1289.2
155°	1588.4	1608.6	1588.4	1568.2	1563.2	1516.7	1454.8	1423.7	1400.9	1355.4	1321.2
157.5°	1549.9	1564.1	1549.9	1535.7	1532.2	1496.0	1447.9	1423.7	1408.0	1376.6	1353.1
160°	1526.8	1535.1	1526.8	1518.7	1516.7	1485.7	1444.4	1423.7	1411.3	1386.4	1367.7
162.5°	1511.9	1519.6	1511.9	1504.1	1502.2	1476.0	1441.1	1423.7	1414.7	1396.6	1383.1
165°	1490.1	1498.3	1490.1	1482.0	1479.9	1461.2	1436.3	1423.7	1419.6	1411.5	1405.4
167.5°	1474.5	1478.0	1474.5	1471.0	1470.2	1458.0	1441.6	1433.5	1430.0	1423.1	1417.9
170°	1470.2	1470.2	1470.2	1470.2	1470.2	1458.0	1441.6	1433.5	1433.3	1432.8	1432.5
172.5°	1458.7	1455.7	1458.7	1461.8	1462.5	1452.8	1439.9	1433.5	1433.5	1433.5	1433.5
175°	1451.9	1451.9	1451.9	1451.9	1451.9	1445.7	1437.6	1433.5	1435.4	1439.3	1442.2
177.5°	1445.6	1442.2	1445.6	1449.1	1449.9	1445.1	1438.6	1435.4	1436.9	1439.9	1442.2
180°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2



TEST NUMBER: P935747

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6
2.5°	3391.0	3372.0	3372.0	3340.5	3327.8	3318.3	3302.5	3255.0	3242.4	3229.7	3248.8
5°	3419.5	3384.8	3359.4	3302.5	3255.0	3236.0	3175.9	3062.1	2986.2	2929.2	2897.6
7.5°	3425.9	3381.6	3334.1	3245.6	3131.6	3081.1	2897.6	2688.8	2631.9	2581.3	2549.6
10°	3419.5	3369.0	3302.5	3169.6	2900.8	2812.2	2628.7	2492.7	2457.9	2448.4	2457.9
12.5°	3397.4	3349.9	3258.2	3036.8	2660.4	2600.3	2492.7	2413.6	2407.2	2423.1	2508.5
15°	3359.4	3315.1	3207.6	2859.6	2527.4	2483.2	2407.2	2378.8	2413.6	2524.4	2780.6
17.5°	3321.5	3270.8	3138.0	2685.7	2426.2	2394.6	2340.9	2397.8	2593.9	2742.6	2828.0
20°	3270.8	3210.7	3058.9	2559.1	2353.5	2325.0	2299.8	2556.0	2704.7	2758.4	2805.9
22.5°	3210.7	3147.5	2951.3	2470.5	2277.6	2255.4	2271.2	2644.6	2704.7	2742.6	2783.7
25°	3131.6	3077.9	2824.9	2401.0	2217.5	2192.2	2252.3	2635.0	2669.8	2679.3	2761.6
27.5°	3058.9	2989.3	2692.0	2337.7	2144.7	2135.2	2268.1	2593.9	2619.2	2628.7	2717.3
30°	2970.3	2866.0	2543.3	2271.2	2068.8	2065.6	2271.2	2543.3	2537.0	2562.3	2650.8
32.5°	2878.6	2682.5	2375.6	2189.0	1996.1	1992.9	2249.1	2467.3	2461.1	2495.9	2562.3
35°	2793.2	2540.2	2147.9	2094.1	1904.3	1907.5	2195.3	2378.8	2382.0	2413.6	2454.7
37.5°	2704.7	2416.8	1898.0	1989.7	1815.8	1815.8	2122.5	2296.6	2290.2	2299.8	2356.7
40°	2600.3	2223.8	1676.6	1853.7	1733.5	1724.0	2034.0	2208.0	2185.8	2182.7	2261.8
42.5°	2489.5	2011.9	1512.1	1673.4	1638.6	1625.9	1926.4	2100.5	2059.3	2068.8	2170.0
45°	2369.3	1954.9	1385.5	1414.0	1540.5	1531.0	1809.4	1977.1	1948.6	1973.9	2078.3
47.5°	2249.1	1841.0	1344.4	1173.6	1436.2	1433.0	1679.8	1856.9	1841.0	1866.3	1977.1
50°	2084.6	1714.5	1341.2	1005.9	1319.1	1331.8	1524.7	1739.9	1739.9	1761.9	1879.0
52.5°	1872.7	1559.5	1217.8	911.1	1183.1	1221.0	1388.7	1638.6	1644.9	1667.0	1771.5
55°	1679.8	1398.2	1129.3	838.2	1021.7	1104.0	1255.9	1534.2	1546.8	1569.0	1663.9
57.5°	1502.5	1164.1	1110.3	752.9	873.1	952.2	1138.8	1433.0	1439.3	1458.3	1550.0
60°	1312.8	841.4	1018.5	661.1	743.4	803.5	1031.3	1312.8	1334.9	1347.6	1426.6
62.5°	1097.6	610.5	923.7	597.8	680.1	692.8	942.7	1198.9	1227.4	1236.9	1284.3
65°	781.3	512.5	784.5	544.1	613.6	616.8	847.8	1081.8	1107.2	1123.0	1157.7
67.5°	528.3	417.5	597.8	493.4	563.1	566.2	756.0	945.8	980.6	993.3	1015.5
70°	367.0	278.4	442.9	439.7	506.1	512.5	657.9	822.4	854.1	863.6	876.2
72.5°	268.9	224.6	367.0	395.4	446.0	452.4	556.7	683.3	714.9	724.4	730.8
75°	205.6	237.2	297.3	344.8	379.6	382.8	455.5	556.7	578.9	585.2	588.4
77.5°	164.5	221.4	218.3	278.4	310.0	303.7	357.4	430.2	449.2	449.2	449.2
80°	123.4	173.9	164.5	199.3	227.8	221.4	256.2	306.9	313.1	319.5	316.3
82.5°	91.7	110.7	110.7	126.6	151.8	145.5	170.9	199.3	199.3	199.3	205.6
85°	56.9	63.3	50.6	66.5	85.4	82.3	94.9	107.6	110.7	110.7	104.4
87.5°	34.8	28.5	15.8	25.3	37.9	37.9	44.3	47.5	44.3	44.3	44.3
90°	25.1	17.5	9.7	17.5	25.1	27.1	42.6	63.3	73.6	65.3	49.0
92.5°	170.4	104.5	38.7	104.5	170.4	186.8	262.7	363.7	414.3	363.0	260.7
95°	333.9	213.4	92.9	213.4	333.9	364.0	646.3	1022.7	1210.8	1080.5	819.8
97.5°	373.2	267.0	160.7	267.0	373.2	399.8	870.5	1498.1	1811.9	1729.6	1564.8
100°	405.7	309.3	212.9	309.3	405.7	429.8	952.1	1648.5	1996.8	2002.8	2014.9
102.5°	437.3	347.3	257.4	347.3	437.3	459.8	989.6	1695.9	2049.1	2154.0	2364.0
105°	485.2	409.1	332.9	409.1	485.2	504.3	1017.2	1701.3	2043.3	2278.5	2749.2
107.5°	552.3	481.4	410.4	481.4	552.3	570.1	1022.4	1625.5	1927.1	2255.4	2911.8
110°	590.9	526.8	462.7	526.8	590.9	606.9	1014.7	1558.4	1830.3	2197.3	2931.1



TEST NUMBER: P935747

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	636.2	575.0	514.0	575.0	636.2	651.4	1015.0	1499.8	1742.2	2117.8	2868.8
115°	704.0	647.8	591.4	647.8	704.0	718.1	1024.3	1432.6	1636.8	1998.5	2722.1
117.5°	770.2	719.1	667.8	719.1	770.2	783.0	1043.4	1390.6	1564.1	1890.6	2543.6
120°	808.7	760.6	712.3	760.6	808.7	820.8	1058.8	1376.4	1535.1	1833.4	2430.0
122.5°	853.1	804.5	755.9	804.5	853.1	865.3	1081.1	1368.9	1512.8	1781.5	2318.8
125°	911.3	867.0	822.7	867.0	911.3	922.4	1111.1	1362.8	1488.6	1716.9	2173.3
127.5°	966.4	921.7	876.9	921.7	966.4	977.6	1141.2	1359.2	1468.3	1664.2	2056.2
130°	1002.3	954.1	905.9	954.1	1002.3	1014.3	1163.1	1361.4	1460.6	1635.0	1983.9
132.5°	1032.3	984.2	935.9	984.2	1032.3	1044.3	1180.8	1362.8	1453.7	1609.9	1922.2
135°	1068.3	1024.3	980.5	1024.3	1068.3	1079.2	1200.2	1361.5	1442.2	1572.9	1834.5
137.5°	1112.9	1069.4	1025.9	1069.4	1112.9	1123.7	1229.2	1369.9	1440.2	1550.8	1771.9
140°	1143.7	1103.7	1063.7	1103.7	1143.7	1153.7	1247.0	1371.3	1433.5	1529.0	1720.0
142.5°	1166.7	1129.8	1092.8	1129.8	1166.7	1176.0	1261.8	1376.3	1433.5	1517.3	1685.1
145°	1201.8	1169.5	1137.3	1169.5	1201.8	1209.9	1281.2	1376.3	1423.7	1492.4	1629.7
147.5°	1244.7	1213.2	1181.8	1213.2	1244.7	1252.5	1309.6	1385.7	1423.7	1477.8	1585.7
150°	1267.6	1239.2	1210.8	1239.2	1267.6	1274.8	1324.4	1390.7	1423.7	1469.4	1560.6
152.5°	1283.8	1262.3	1240.8	1262.3	1283.8	1289.2	1334.1	1393.8	1423.7	1462.7	1540.6
155°	1317.2	1301.3	1285.4	1301.3	1317.2	1321.2	1355.4	1400.9	1423.7	1454.8	1516.7
157.5°	1349.2	1333.7	1318.3	1333.7	1349.2	1353.1	1376.6	1408.0	1423.7	1447.9	1496.0
160°	1364.7	1352.6	1340.6	1352.6	1364.7	1367.7	1386.4	1411.3	1423.7	1444.4	1485.7
162.5°	1380.8	1371.8	1362.8	1371.8	1380.8	1383.1	1396.6	1414.7	1423.7	1441.1	1476.0
165°	1403.4	1395.2	1387.0	1395.2	1403.4	1405.4	1411.5	1419.6	1423.7	1436.3	1461.2
167.5°	1417.0	1413.1	1409.3	1413.1	1417.0	1417.9	1423.1	1430.0	1433.5	1441.6	1458.0
170°	1431.6	1427.7	1423.7	1427.7	1431.6	1432.5	1432.8	1433.3	1433.5	1441.6	1458.0
172.5°	1433.3	1432.3	1431.5	1432.3	1433.3	1433.5	1433.5	1433.5	1433.5	1439.9	1452.8
175°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1439.3	1435.4	1433.5	1437.6	1445.7
177.5°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1439.9	1436.9	1435.4	1438.6	1445.1
180°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2



TEST NUMBER: P935747

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6
2.5°	3226.6	3217.1	3229.7	3194.9	3229.7	3217.1	3226.6	3248.8	3229.7	3242.4	3255.0
5°	2831.1	2815.3	2764.8	2723.6	2764.8	2815.3	2831.1	2897.6	2929.2	2986.2	3062.1
7.5°	2530.6	2518.0	2505.3	2480.1	2505.3	2518.0	2530.6	2549.6	2581.3	2631.9	2688.8
10°	2464.3	2467.3	2486.3	2483.2	2486.3	2467.3	2464.3	2457.9	2448.4	2457.9	2492.7
12.5°	2635.0	2663.5	2767.9	2761.6	2767.9	2663.5	2635.0	2508.5	2423.1	2407.2	2413.6
15°	2831.1	2840.7	2862.8	2866.0	2862.8	2840.7	2831.1	2780.6	2524.4	2413.6	2378.8
17.5°	2850.1	2853.3	2869.1	2869.1	2869.1	2853.3	2850.1	2828.0	2742.6	2593.9	2397.8
20°	2834.3	2840.7	2872.3	2878.6	2872.3	2840.7	2834.3	2805.9	2758.4	2704.7	2556.0
22.5°	2828.0	2840.7	2866.0	2862.8	2866.0	2840.7	2828.0	2783.7	2742.6	2704.7	2644.6
25°	2796.4	2796.4	2799.5	2802.7	2799.5	2796.4	2796.4	2761.6	2679.3	2669.8	2635.0
27.5°	2729.9	2736.3	2755.2	2752.1	2755.2	2736.3	2729.9	2717.3	2628.7	2619.2	2593.9
30°	2669.8	2663.5	2647.6	2635.0	2647.6	2663.5	2669.8	2650.8	2562.3	2537.0	2543.3
32.5°	2568.6	2552.8	2537.0	2527.4	2537.0	2552.8	2568.6	2562.3	2495.9	2461.1	2467.3
35°	2448.4	2451.5	2448.4	2438.9	2448.4	2451.5	2448.4	2454.7	2413.6	2382.0	2378.8
37.5°	2363.0	2369.3	2366.1	2353.5	2366.1	2369.3	2363.0	2356.7	2299.8	2290.2	2296.6
40°	2274.4	2277.6	2274.4	2264.9	2274.4	2277.6	2274.4	2261.8	2182.7	2185.8	2208.0
42.5°	2189.0	2185.8	2176.4	2170.0	2176.4	2185.8	2189.0	2170.0	2068.8	2059.3	2100.5
45°	2090.9	2094.1	2075.1	2065.6	2075.1	2094.1	2090.9	2078.3	1973.9	1948.6	1977.1
47.5°	1992.9	1992.9	1977.1	1967.6	1977.1	1992.9	1992.9	1977.1	1866.3	1841.0	1856.9
50°	1888.5	1885.3	1863.1	1860.1	1863.1	1885.3	1888.5	1879.0	1761.9	1739.9	1739.9
52.5°	1768.3	1768.3	1771.5	1777.8	1771.5	1768.3	1768.3	1771.5	1667.0	1644.9	1638.6
55°	1663.9	1667.0	1689.2	1695.6	1689.2	1667.0	1663.9	1663.9	1569.0	1546.8	1534.2
57.5°	1556.4	1556.4	1572.2	1572.2	1572.2	1556.4	1556.4	1550.0	1458.3	1439.3	1433.0
60°	1433.0	1439.3	1452.0	1448.8	1452.0	1439.3	1433.0	1426.6	1347.6	1334.9	1312.8
62.5°	1303.3	1309.6	1312.8	1306.4	1312.8	1309.6	1303.3	1284.3	1236.9	1227.4	1198.9
65°	1167.3	1173.6	1176.8	1170.4	1176.8	1173.6	1167.3	1157.7	1123.0	1107.2	1081.8
67.5°	1028.1	1024.9	1021.7	1034.4	1021.7	1024.9	1028.1	1015.5	993.3	980.6	945.8
70°	885.7	885.7	882.5	888.9	882.5	885.7	885.7	876.2	863.6	854.1	822.4
72.5°	733.9	730.8	743.4	733.9	743.4	730.8	733.9	730.8	724.4	714.9	683.3
75°	585.2	591.6	585.2	594.7	585.2	591.6	585.2	588.4	585.2	578.9	556.7
77.5°	446.0	452.4	446.0	446.0	446.0	452.4	446.0	449.2	449.2	449.2	430.2
80°	316.3	313.1	313.1	310.0	313.1	313.1	316.3	316.3	319.5	313.1	306.9
82.5°	202.5	199.3	199.3	205.6	199.3	199.3	202.5	205.6	199.3	199.3	199.3
85°	110.7	113.8	107.6	107.6	107.6	113.8	110.7	104.4	110.7	110.7	107.6
87.5°	41.1	37.9	37.9	37.9	37.9	37.9	41.1	44.3	44.3	44.3	47.5
90°	36.7	36.7	36.7	36.7	36.7	36.7	36.7	49.0	65.3	73.6	63.3
92.5°	183.9	176.6	147.3	118.1	147.3	176.6	183.9	260.7	363.0	414.3	363.7
95°	624.3	602.1	513.5	424.9	513.5	602.1	624.3	819.8	1080.5	1210.8	1022.7
97.5°	1441.2	1399.1	1230.4	1061.8	1230.4	1399.1	1441.2	1564.8	1729.6	1811.9	1498.1
100°	2023.9	1973.7	1772.8	1571.9	1772.8	1973.7	2023.9	2014.9	2002.8	1996.8	1648.5
102.5°	2521.4	2478.4	2306.3	2134.2	2306.3	2478.4	2521.4	2364.0	2154.0	2049.1	1695.9
105°	3102.1	3079.0	2986.5	2894.0	2986.5	3079.0	3102.1	2749.2	2278.5	2043.3	1701.3
107.5°	3404.1	3409.7	3432.1	3454.4	3432.1	3409.7	3404.1	2911.8	2255.4	1927.1	1625.5
110°	3481.5	3505.6	3602.0	3698.4	3602.0	3505.6	3481.5	2931.1	2197.3	1830.3	1558.4



TEST NUMBER: P935747

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3432.1	3469.2	3617.1	3765.1	3617.1	3469.2	3432.1	2868.8	2117.8	1742.2	1499.8
115°	3264.7	3316.1	3521.2	3726.4	3521.2	3316.1	3264.7	2722.1	1998.5	1636.8	1432.6
117.5°	3033.4	3090.3	3317.8	3545.4	3317.8	3090.3	3033.4	2543.6	1890.6	1564.1	1390.6
120°	2877.6	2932.8	3154.0	3375.0	3154.0	2932.8	2877.6	2430.0	1833.4	1535.1	1376.4
122.5°	2721.8	2776.3	2994.4	3212.5	2994.4	2776.3	2721.8	2318.8	1781.5	1512.8	1368.9
125°	2515.6	2565.8	2766.7	2967.6	2766.7	2565.8	2515.6	2173.3	1716.9	1488.6	1362.8
127.5°	2350.0	2392.4	2561.9	2731.4	2561.9	2392.4	2350.0	2056.2	1664.2	1468.3	1359.2
130°	2245.5	2284.7	2441.3	2597.8	2441.3	2284.7	2245.5	1983.9	1635.0	1460.6	1361.4
132.5°	2156.5	2191.5	2331.8	2472.0	2331.8	2191.5	2156.5	1922.2	1609.9	1453.7	1362.8
135°	2030.6	2060.8	2181.8	2302.6	2181.8	2060.8	2030.6	1834.5	1572.9	1442.2	1361.5
137.5°	1937.7	1962.5	2061.4	2160.4	2061.4	1962.5	1937.7	1771.9	1550.8	1440.2	1369.9
140°	1863.2	1886.3	1978.9	2071.3	1978.9	1886.3	1863.2	1720.0	1529.0	1433.5	1371.3
142.5°	1810.9	1830.8	1910.4	1990.0	1910.4	1830.8	1810.9	1685.1	1517.3	1433.5	1376.3
145°	1732.6	1747.6	1807.8	1868.0	1807.8	1747.6	1732.6	1629.7	1492.4	1423.7	1376.3
147.5°	1666.8	1679.2	1729.1	1779.0	1729.1	1679.2	1666.8	1585.7	1477.8	1423.7	1385.7
150°	1629.0	1639.1	1679.6	1720.0	1679.6	1639.1	1629.0	1560.6	1469.4	1423.7	1390.7
152.5°	1599.0	1606.7	1637.1	1667.7	1637.1	1606.7	1599.0	1540.6	1462.7	1423.7	1393.8
155°	1563.2	1568.2	1588.4	1608.6	1588.4	1568.2	1563.2	1516.7	1454.8	1423.7	1400.9
157.5°	1532.2	1535.7	1549.9	1564.1	1549.9	1535.7	1532.2	1496.0	1447.9	1423.7	1408.0
160°	1516.7	1518.7	1526.8	1535.1	1526.8	1518.7	1516.7	1485.7	1444.4	1423.7	1411.3
162.5°	1502.2	1504.1	1511.9	1519.6	1511.9	1504.1	1502.2	1476.0	1441.1	1423.7	1414.7
165°	1479.9	1482.0	1490.1	1498.3	1490.1	1482.0	1479.9	1461.2	1436.3	1423.7	1419.6
167.5°	1470.2	1471.0	1474.5	1478.0	1474.5	1471.0	1470.2	1458.0	1441.6	1433.5	1430.0
170°	1470.2	1470.2	1470.2	1470.2	1470.2	1470.2	1470.2	1458.0	1441.6	1433.5	1433.3
172.5°	1462.5	1461.8	1458.7	1455.7	1458.7	1461.8	1462.5	1452.8	1439.9	1433.5	1433.5
175°	1451.9	1451.9	1451.9	1451.9	1451.9	1451.9	1451.9	1445.7	1437.6	1433.5	1435.4
177.5°	1449.9	1449.1	1445.6	1442.2	1445.6	1449.1	1449.9	1445.1	1438.6	1435.4	1436.9
180°	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2	1442.2



TEST NUMBER: P935747

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3343.6	3343.6	3343.6	3343.6	3343.6
2.5°	3302.5	3318.3	3327.8	3340.5	3372.0
5°	3175.9	3236.0	3255.0	3302.5	3359.4
7.5°	2897.6	3081.1	3131.6	3245.6	3334.1
10°	2628.7	2812.2	2900.8	3169.6	3302.5
12.5°	2492.7	2600.3	2660.4	3036.8	3258.2
15°	2407.2	2483.2	2527.4	2859.6	3207.6
17.5°	2340.9	2394.6	2426.2	2685.7	3138.0
20°	2299.8	2325.0	2353.5	2559.1	3058.9
22.5°	2271.2	2255.4	2277.6	2470.5	2951.3
25°	2252.3	2192.2	2217.5	2401.0	2824.9
27.5°	2268.1	2135.2	2144.7	2337.7	2692.0
30°	2271.2	2065.6	2068.8	2271.2	2543.3
32.5°	2249.1	1992.9	1996.1	2189.0	2375.6
35°	2195.3	1907.5	1904.3	2094.1	2147.9
37.5°	2122.5	1815.8	1815.8	1989.7	1898.0
40°	2034.0	1724.0	1733.5	1853.7	1676.6
42.5°	1926.4	1625.9	1638.6	1673.4	1512.1
45°	1809.4	1531.0	1540.5	1414.0	1385.5
47.5°	1679.8	1433.0	1436.2	1173.6	1344.4
50°	1524.7	1331.8	1319.1	1005.9	1341.2
52.5°	1388.7	1221.0	1183.1	911.1	1217.8
55°	1255.9	1104.0	1021.7	838.2	1129.3
57.5°	1138.8	952.2	873.1	752.9	1110.3
60°	1031.3	803.5	743.4	661.1	1018.5
62.5°	942.7	692.8	680.1	597.8	923.7
65°	847.8	616.8	613.6	544.1	784.5
67.5°	756.0	566.2	563.1	493.4	597.8
70°	657.9	512.5	506.1	439.7	442.9
72.5°	556.7	452.4	446.0	395.4	367.0
75°	455.5	382.8	379.6	344.8	297.3
77.5°	357.4	303.7	310.0	278.4	218.3
80°	256.2	221.4	227.8	199.3	164.5
82.5°	170.9	145.5	151.8	126.6	110.7
85°	94.9	82.3	85.4	66.5	50.6
87.5°	44.3	37.9	37.9	25.3	15.8
90°	42.6	27.1	25.1	17.5	9.7
92.5°	262.7	186.8	170.4	104.5	38.7
95°	646.3	364.0	333.9	213.4	92.9
97.5°	870.5	399.8	373.2	267.0	160.7
100°	952.1	429.8	405.7	309.3	212.9
102.5°	989.6	459.8	437.3	347.3	257.4
105°	1017.2	504.3	485.2	409.1	332.9
107.5°	1022.4	570.1	552.3	481.4	410.4
110°	1014.7	606.9	590.9	526.8	462.7



TEST NUMBER: P935747

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1015.0	651.4	636.2	575.0	514.0
115°	1024.3	718.1	704.0	647.8	591.4
117.5°	1043.4	783.0	770.2	719.1	667.8
120°	1058.8	820.8	808.7	760.6	712.3
122.5°	1081.1	865.3	853.1	804.5	755.9
125°	1111.1	922.4	911.3	867.0	822.7
127.5°	1141.2	977.6	966.4	921.7	876.9
130°	1163.1	1014.3	1002.3	954.1	905.9
132.5°	1180.8	1044.3	1032.3	984.2	935.9
135°	1200.2	1079.2	1068.3	1024.3	980.5
137.5°	1229.2	1123.7	1112.9	1069.4	1025.9
140°	1247.0	1153.7	1143.7	1103.7	1063.7
142.5°	1261.8	1176.0	1166.7	1129.8	1092.8
145°	1281.2	1209.9	1201.8	1169.5	1137.3
147.5°	1309.6	1252.5	1244.7	1213.2	1181.8
150°	1324.4	1274.8	1267.6	1239.2	1210.8
152.5°	1334.1	1289.2	1283.8	1262.3	1240.8
155°	1355.4	1321.2	1317.2	1301.3	1285.4
157.5°	1376.6	1353.1	1349.2	1333.7	1318.3
160°	1386.4	1367.7	1364.7	1352.6	1340.6
162.5°	1396.6	1383.1	1380.8	1371.8	1362.8
165°	1411.5	1405.4	1403.4	1395.2	1387.0
167.5°	1423.1	1417.9	1417.0	1413.1	1409.3
170°	1432.8	1432.5	1431.6	1427.7	1423.7
172.5°	1433.5	1433.5	1433.3	1432.3	1431.5
175°	1439.3	1442.2	1442.2	1442.2	1442.2
177.5°	1439.9	1442.2	1442.2	1442.2	1442.2
180°	1442.2	1442.2	1442.2	1442.2	1442.2



TEST NUMBER: P935747

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-5000K

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	14.16	15.00	15.13	15.99	17.29	16.99	17.84	17.97	18.83	20.12
	3H	14.63	15.39	15.62	16.39	17.71	18.34	19.10	19.33	20.09	21.41
	4H	14.82	15.54	15.82	16.54	17.87	18.79	19.50	19.78	20.50	21.83
	6H	14.94	15.60	15.95	16.61	17.95	19.07	19.73	20.08	20.74	22.08
	8H	14.94	15.57	15.96	16.59	17.93	19.15	19.78	20.16	20.80	22.13
	12H	14.91	15.51	15.93	16.52	17.89	19.19	19.78	20.21	20.80	22.16
4H	2H	15.19	15.91	16.19	16.91	18.23	17.40	18.12	18.41	19.12	20.45
	3H	16.22	16.81	17.23	17.84	19.18	18.91	19.51	19.92	20.53	21.88
	4H	16.49	17.04	17.51	18.06	19.42	19.44	19.98	20.46	21.00	22.37
	6H	16.61	17.08	17.65	18.13	19.49	19.80	20.27	20.84	21.32	22.68
	8H	16.62	17.06	17.65	18.10	19.47	19.91	20.35	20.94	21.39	22.76
	12H	16.59	16.98	17.64	18.03	19.42	19.97	20.36	21.02	21.42	22.80
8H	4H	16.94	17.38	17.98	18.42	19.80	19.56	20.00	20.59	21.04	22.41
	6H	17.21	17.57	18.26	18.65	20.02	20.00	20.36	21.05	21.44	22.81
	8H	17.25	17.57	18.31	18.63	20.02	20.15	20.47	21.22	21.53	22.93
	12H	17.23	17.51	18.30	18.57	20.00	20.25	20.53	21.32	21.59	23.02
12H	4H	16.95	17.35	18.00	18.40	19.78	19.52	19.92	20.58	20.97	22.35
	6H	17.27	17.59	18.33	18.65	20.04	20.00	20.31	21.06	21.38	22.77
	8H	17.33	17.61	18.40	18.67	20.11	20.16	20.44	21.22	21.50	22.93