

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: P935392

Luminaire Tested: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935392
REPORT IS A COMBINATION OF REPORTS P933752 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

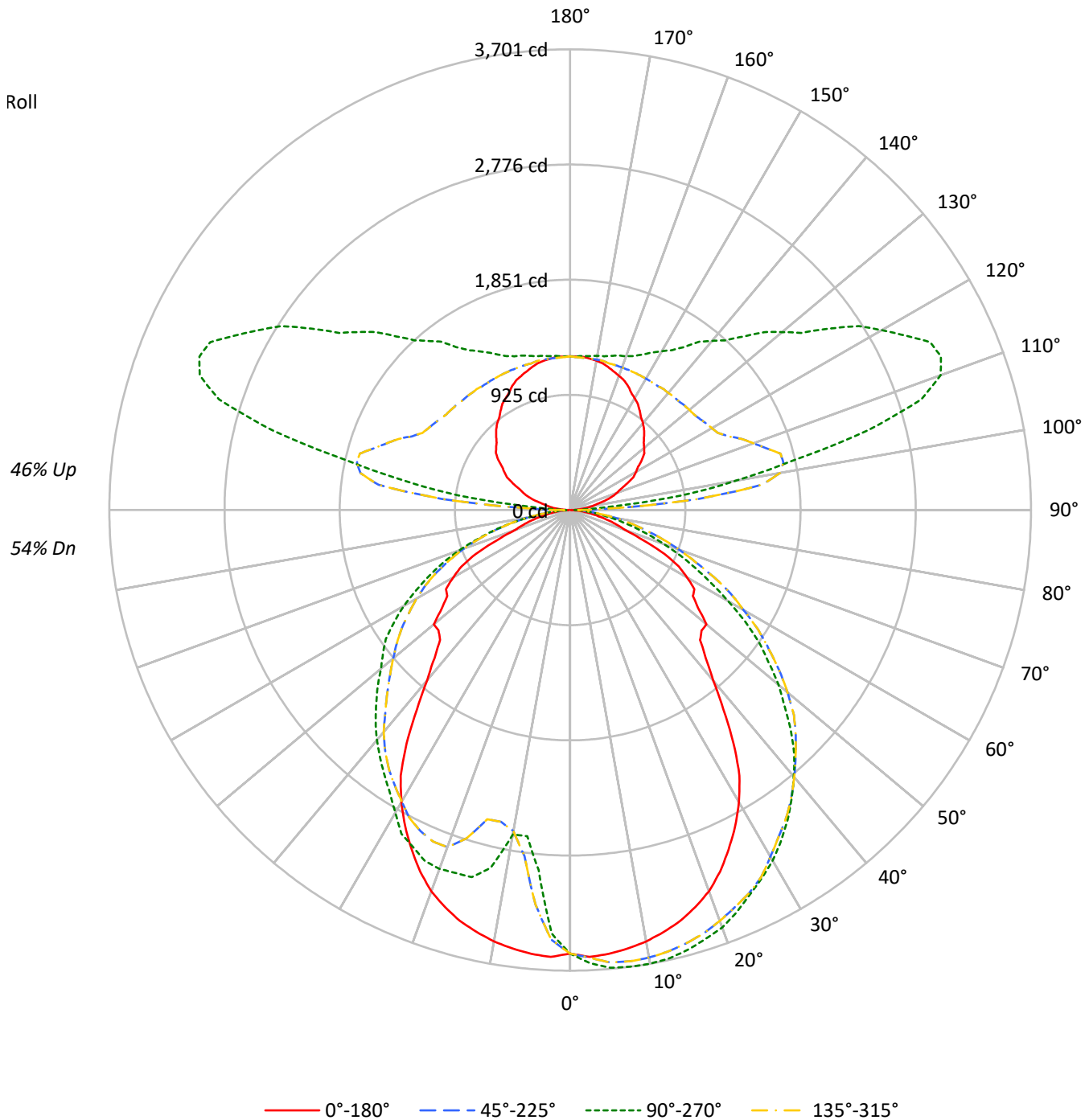
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17245.8 lumens
Efficiency: N/A
Efficacy: 125.3 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): 137.6
Input Voltage (V): NR
Input Current (A_{in}): 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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CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-8-2700K

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	50	30	10	0
RCR																					
0	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59	54			54
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50	45			45
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42	38			38
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36	32			32
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31	28			28
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27	24			24
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24	21			21
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21	19			19
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19	17			17
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17	15			15
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15	13			13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16530	16530	16530	16530
5°	16654	16687	16654	13121
10°	16543	16437	16543	11752
15°	16363	16081	16363	13428
20°	16020	15659	16020	13456
25°	15320	15044	15320	13171
30°	14415	14533	14415	12545
35°	12851	13887	12851	11857
40°	10708	13126	10708	11337
45°	9568	12236	9568	10739
50°	10164	11174	10164	10139
55°	9563	10030	9563	9792
60°	9857	8518	9857	8969
65°	8937	7041	8937	7871
70°	6189	5612	6189	6598
75°	5426	4148	5426	4967
80°	4374	2743	4374	2987
85°	2511	1453	2511	1235

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14664 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	321.6	1.9
10°-20°	913.1	5.3
20°-30°	1411.6	8.2
30°-40°	1685.1	9.8
40°-50°	1695.0	9.8
50°-60°	1474.8	8.6
60°-70°	1045.7	6.1
70°-80°	553.2	3.2
80°-90°	142.5	0.8
90°-100°	601.8	3.5
100°-110°	1582.1	9.2
110°-120°	1640.5	9.5
120°-130°	1315.9	7.6
130°-140°	1032.5	6.0
140°-150°	792.5	4.6
150°-160°	570.7	3.3
160°-170°	349.2	2.0
170°-180°	118.0	0.7
0°-30°	2646.3	15.3
0°-40°	4331.4	25.1
0°-60°	7501.2	43.5
0°-90°	9242.6	53.6
90°-120°	3824.4	22.2
90°-150°	6965.3	40.4
90°-180°	8003.0	46.4
0°-180°	17245.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3563	3563	3563	3563	3563	
5°	3580	3691	3580	2902	3580	340
15°	3418	3657	3418	3054	3418	962
25°	3010	3411	3010	2986	3010	1382
35°	2289	3044	2289	2599	2289	1416
45°	1476	2508	1476	2201	1476	1183
55°	1203	1851	1203	1807	1203	1106
65°	836	1116	836	1247	836	799
75°	317	529	317	634	317	333
85°	54	135	54	115	54	73
90°	8	32	8	32	8	9
95°	80	364	80	364	80	88
105°	285	2477	285	2477	285	302
115°	506	3190	506	3190	506	500
125°	704	2540	704	2540	704	625
135°	839	1971	839	1971	839	649
145°	974	1599	974	1599	974	610
155°	1100	1377	1100	1377	1100	506
165°	1187	1283	1187	1283	1187	335
175°	1234	1243	1234	1243	1234	117
180°	1234	1234	1234	1234	1234	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9
2.5°	3593.2	3593.2	3613.4	3620.2	3620.2	3610.1	3599.9	3610.1	3640.4	3650.5	3647.2
5°	3579.7	3606.7	3643.8	3650.5	3657.2	3653.9	3647.2	3653.9	3687.6	3694.4	3697.7
7.5°	3552.7	3603.3	3650.5	3660.6	3670.8	3660.6	3657.2	3664.0	3697.7	3704.4	3704.4
10°	3519.1	3589.9	3643.8	3650.5	3660.6	3650.5	3650.5	3664.0	3697.7	3704.4	3707.8
12.5°	3471.9	3569.6	3620.2	3626.9	3640.4	3637.0	3633.7	3647.2	3680.8	3687.6	3687.6
15°	3418.0	3532.5	3579.7	3586.5	3610.1	3603.3	3603.3	3616.8	3653.9	3664.0	3660.6
17.5°	3343.8	3485.3	3539.3	3549.3	3566.3	3562.9	3566.3	3579.7	3613.4	3620.2	3623.5
20°	3259.5	3421.3	3485.3	3495.5	3512.3	3512.3	3512.3	3529.1	3562.9	3576.3	3576.3
22.5°	3144.9	3353.9	3421.3	3428.0	3448.3	3448.3	3455.0	3478.6	3508.9	3512.3	3512.3
25°	3010.1	3279.7	3337.0	3357.2	3377.4	3387.6	3397.8	3411.2	3421.3	3418.0	3421.3
27.5°	2868.5	3185.3	3259.5	3273.0	3299.9	3310.1	3323.6	3326.9	3330.3	3340.4	3333.6
30°	2710.1	3053.9	3165.1	3178.6	3222.5	3229.1	3215.7	3222.5	3239.3	3246.1	3252.7
32.5°	2531.4	2858.4	3067.4	3097.8	3138.2	3118.0	3114.6	3124.7	3151.6	3151.6	3158.4
35°	2288.7	2706.7	2976.3	3003.3	3033.6	3010.1	3023.6	3026.9	3043.8	3053.9	3050.5
37.5°	2022.5	2575.3	2882.0	2902.2	2925.8	2895.5	2915.7	2925.8	2939.3	2932.5	2932.5
40°	1786.5	2369.6	2770.8	2784.2	2804.4	2780.8	2801.1	2807.8	2814.6	2807.8	2804.4
42.5°	1611.2	2143.8	2652.7	2669.6	2656.1	2673.0	2679.7	2693.2	2683.1	2669.6	2669.6
45°	1476.4	2083.1	2524.7	2544.9	2524.7	2551.7	2561.8	2561.8	2531.4	2524.7	2521.3
47.5°	1432.5	1961.7	2396.6	2396.6	2386.5	2420.2	2437.0	2413.4	2383.1	2373.0	2373.0
50°	1429.2	1827.0	2221.3	2207.8	2255.0	2295.5	2278.6	2255.0	2231.4	2194.4	2194.4
52.5°	1297.7	1661.7	1995.5	2046.1	2120.2	2143.8	2116.8	2093.2	2052.8	2035.9	2022.5
55°	1203.4	1489.9	1789.9	1891.0	1968.5	1998.9	1948.3	1924.7	1864.0	1854.0	1847.2
57.5°	1183.1	1240.4	1601.1	1729.2	1823.6	1820.2	1789.9	1746.1	1695.5	1685.3	1682.0
60°	1085.3	896.6	1398.9	1550.6	1648.3	1638.2	1611.2	1570.8	1523.6	1516.8	1510.1
62.5°	984.2	650.6	1169.6	1341.5	1479.8	1476.4	1452.8	1392.1	1358.4	1341.5	1328.1
65°	835.9	546.1	832.6	1115.7	1314.6	1321.3	1270.8	1227.0	1189.8	1169.6	1166.3
67.5°	637.0	444.9	562.9	930.4	1156.2	1149.4	1085.3	1065.1	1018.0	1007.9	987.6
70°	471.9	296.6	391.0	755.1	1001.1	984.2	933.7	910.1	866.3	842.7	829.2
72.5°	391.0	239.3	286.5	586.5	842.7	822.5	778.7	751.7	714.6	694.4	680.9
75°	316.8	252.8	219.1	434.9	684.3	670.8	630.4	603.4	573.0	546.1	549.4
77.5°	232.6	236.0	175.3	320.2	542.7	522.5	498.9	465.1	451.7	424.7	424.7
80°	175.3	185.4	131.5	219.1	391.0	391.0	370.8	347.2	323.6	310.2	310.2
82.5°	117.9	117.9	97.7	138.2	266.3	256.2	242.7	236.0	222.5	215.7	215.7
85°	53.9	67.4	60.7	84.3	144.9	151.7	151.7	144.9	141.5	134.9	138.2
87.5°	16.8	30.4	37.1	47.2	74.2	77.5	80.9	80.9	80.9	84.3	84.3
90°	8.3	14.9	21.5	23.2	36.5	54.1	62.9	56.0	41.9	31.5	31.5
92.5°	33.2	89.5	145.9	160.0	224.8	311.3	354.6	310.8	223.2	157.5	151.2
95°	79.6	182.7	285.8	311.5	553.2	875.4	1036.5	925.0	701.8	534.5	515.5
97.5°	137.5	228.5	319.5	342.2	745.2	1282.4	1551.1	1480.6	1339.5	1233.7	1197.7
100°	182.3	264.7	347.3	367.9	815.0	1411.2	1709.3	1714.5	1724.8	1732.5	1689.5
102.5°	220.4	297.3	374.3	393.5	847.0	1451.7	1754.1	1843.9	2023.7	2158.4	2121.6
105°	285.1	350.2	415.3	431.7	870.8	1456.4	1749.1	1950.5	2353.3	2655.5	2635.7
107.5°	351.3	412.0	472.8	488.0	875.3	1391.5	1649.7	1930.6	2492.6	2914.0	2918.8
110°	396.0	450.9	505.8	519.5	868.6	1334.0	1566.8	1880.9	2509.1	2980.3	3000.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	439.9	492.2	544.6	557.7	868.9	1283.9	1491.4	1812.9	2455.8	2938.1	2969.8
115°	506.3	554.5	602.8	614.8	876.9	1226.4	1401.1	1710.8	2330.2	2794.8	2838.7
117.5°	571.7	615.5	659.4	670.3	893.2	1190.3	1338.9	1618.4	2177.5	2596.7	2645.4
120°	609.9	651.1	692.3	702.6	906.5	1178.3	1314.1	1569.5	2080.2	2463.3	2510.6
122.5°	647.1	688.7	730.4	740.7	925.5	1171.8	1295.0	1525.0	1984.9	2329.9	2376.7
125°	704.3	742.2	780.2	789.6	951.2	1166.6	1274.3	1469.7	1860.4	2153.5	2196.5
127.5°	750.7	788.9	827.3	836.8	976.9	1163.6	1257.0	1424.7	1760.1	2011.7	2048.0
130°	775.5	816.7	858.0	868.3	995.6	1165.4	1250.3	1399.6	1698.3	1922.3	1955.7
132.5°	801.2	842.4	883.7	894.0	1010.8	1166.6	1244.5	1378.2	1645.5	1846.0	1876.0
135°	839.3	876.9	914.5	923.9	1027.5	1165.5	1234.5	1346.5	1570.4	1738.3	1764.2
137.5°	878.3	915.4	952.7	961.9	1052.3	1172.7	1232.8	1327.5	1516.8	1658.7	1680.0
140°	910.5	944.8	979.1	987.6	1067.4	1173.9	1227.1	1308.8	1472.4	1595.0	1614.8
142.5°	935.4	967.1	998.8	1006.7	1080.2	1178.1	1227.1	1298.9	1442.5	1550.3	1567.3
145°	973.6	1001.2	1028.9	1035.7	1096.8	1178.2	1218.8	1277.6	1395.0	1483.1	1496.0
147.5°	1011.6	1038.5	1065.4	1072.2	1121.1	1186.2	1218.8	1265.0	1357.4	1426.8	1437.4
150°	1036.5	1060.8	1085.1	1091.2	1133.7	1190.4	1218.8	1257.8	1335.9	1394.5	1403.2
152.5°	1062.2	1080.7	1099.1	1103.7	1142.0	1193.2	1218.8	1252.2	1318.8	1368.8	1375.4
155°	1100.3	1113.9	1127.6	1131.0	1160.2	1199.3	1218.8	1245.3	1298.4	1338.1	1342.4
157.5°	1128.5	1141.7	1155.1	1158.3	1178.5	1205.4	1218.8	1239.4	1280.7	1311.6	1314.6
160°	1147.6	1157.9	1168.2	1170.8	1186.8	1208.1	1218.8	1236.5	1271.9	1298.4	1300.2
162.5°	1166.6	1174.4	1182.2	1184.0	1195.6	1211.0	1218.8	1233.7	1263.5	1285.9	1287.6
165°	1187.3	1194.3	1201.3	1203.1	1208.3	1215.3	1218.8	1229.5	1250.9	1266.9	1268.7
167.5°	1206.4	1209.6	1213.0	1213.8	1218.2	1224.1	1227.1	1234.0	1248.1	1258.5	1259.2
170°	1218.8	1222.1	1225.5	1226.3	1226.6	1226.9	1227.1	1234.0	1248.1	1258.5	1258.5
172.5°	1225.5	1226.2	1226.9	1227.1	1227.1	1227.1	1227.1	1232.6	1243.7	1252.0	1251.4
175°	1234.5	1234.5	1234.5	1234.5	1232.1	1228.8	1227.1	1230.6	1237.5	1242.8	1242.8
177.5°	1234.5	1234.5	1234.5	1234.5	1232.6	1230.1	1228.8	1231.6	1237.0	1241.2	1240.5
180°	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9
2.5°	3653.9	3643.8	3653.9	3647.2	3650.5	3640.4	3610.1	3599.9	3610.1	3620.2	3620.2
5°	3697.7	3691.0	3697.7	3697.7	3694.4	3687.6	3653.9	3647.2	3653.9	3657.2	3650.5
7.5°	3711.2	3701.0	3711.2	3704.4	3704.4	3697.7	3664.0	3657.2	3660.6	3670.8	3660.6
10°	3711.2	3701.0	3711.2	3707.8	3704.4	3697.7	3664.0	3650.5	3650.5	3660.6	3650.5
12.5°	3694.4	3687.6	3694.4	3687.6	3687.6	3680.8	3647.2	3633.7	3637.0	3640.4	3626.9
15°	3667.4	3657.2	3667.4	3660.6	3664.0	3653.9	3616.8	3603.3	3603.3	3610.1	3586.5
17.5°	3626.9	3613.4	3626.9	3623.5	3620.2	3613.4	3579.7	3566.3	3562.9	3566.3	3549.3
20°	3579.7	3569.6	3579.7	3576.3	3576.3	3562.9	3529.1	3512.3	3512.3	3512.3	3495.5
22.5°	3505.5	3495.5	3505.5	3512.3	3512.3	3508.9	3478.6	3455.0	3448.3	3448.3	3428.0
25°	3421.3	3411.2	3421.3	3421.3	3418.0	3421.3	3411.2	3397.8	3387.6	3377.4	3357.2
27.5°	3340.4	3333.6	3340.4	3333.6	3340.4	3330.3	3326.9	3323.6	3310.1	3299.9	3273.0
30°	3259.5	3252.7	3259.5	3252.7	3246.1	3239.3	3222.5	3215.7	3229.1	3222.5	3178.6
32.5°	3158.4	3151.6	3158.4	3158.4	3151.6	3151.6	3124.7	3114.6	3118.0	3138.2	3097.8
35°	3053.9	3043.8	3053.9	3050.5	3053.9	3043.8	3026.9	3023.6	3010.1	3033.6	3003.3
37.5°	2932.5	2922.5	2932.5	2932.5	2932.5	2939.3	2925.8	2915.7	2895.5	2925.8	2902.2
40°	2807.8	2794.4	2807.8	2804.4	2807.8	2814.6	2807.8	2801.1	2780.8	2804.4	2784.2
42.5°	2666.3	2662.9	2666.3	2669.6	2669.6	2683.1	2693.2	2679.7	2673.0	2656.1	2669.6
45°	2514.6	2507.8	2514.6	2521.3	2524.7	2531.4	2561.8	2561.8	2551.7	2524.7	2544.9
47.5°	2352.8	2335.9	2352.8	2373.0	2373.0	2383.1	2413.4	2437.0	2420.2	2386.5	2396.6
50°	2180.8	2184.2	2180.8	2194.4	2194.4	2231.4	2255.0	2278.6	2295.5	2255.0	2207.8
52.5°	2012.3	2008.9	2012.3	2022.5	2035.9	2052.8	2093.2	2116.8	2143.8	2120.2	2046.1
55°	1843.8	1850.6	1843.8	1847.2	1854.0	1864.0	1924.7	1948.3	1998.9	1968.5	1891.0
57.5°	1675.3	1665.1	1675.3	1682.0	1685.3	1695.5	1746.1	1789.9	1820.2	1823.6	1729.2
60°	1479.8	1466.3	1479.8	1510.1	1516.8	1523.6	1570.8	1611.2	1638.2	1648.3	1550.6
62.5°	1307.8	1284.2	1307.8	1328.1	1341.5	1358.4	1392.1	1452.8	1476.4	1479.8	1341.5
65°	1125.8	1115.7	1125.8	1166.3	1169.6	1189.8	1227.0	1270.8	1321.3	1314.6	1115.7
67.5°	960.6	960.6	960.6	987.6	1007.9	1018.0	1065.1	1085.3	1149.4	1156.2	930.4
70°	809.0	805.6	809.0	829.2	842.7	866.3	910.1	933.7	984.2	1001.1	755.1
72.5°	664.0	660.6	664.0	680.9	694.4	714.6	751.7	778.7	822.5	842.7	586.5
75°	535.9	529.2	535.9	549.4	546.1	573.0	603.4	630.4	670.8	684.3	434.9
77.5°	411.2	411.2	411.2	424.7	424.7	451.7	465.1	498.9	522.5	542.7	320.2
80°	306.8	303.4	306.8	310.2	310.2	323.6	347.2	370.8	391.0	391.0	219.1
82.5°	215.7	209.0	215.7	215.7	215.7	222.5	236.0	242.7	256.2	266.3	138.2
85°	134.9	134.9	134.9	138.2	134.9	141.5	144.9	151.7	151.7	144.9	84.3
87.5°	87.6	84.3	87.6	84.3	84.3	80.9	80.9	80.9	77.5	74.2	47.2
90°	31.5	31.5	31.5	31.5	31.5	41.9	56.0	62.9	54.1	36.5	23.2
92.5°	126.2	101.1	126.2	151.2	157.5	223.2	310.8	354.6	311.3	224.8	160.0
95°	439.6	363.7	439.6	515.5	534.5	701.8	925.0	1036.5	875.4	553.2	311.5
97.5°	1053.3	908.9	1053.3	1197.7	1233.7	1339.5	1480.6	1551.1	1282.4	745.2	342.2
100°	1517.6	1345.6	1517.6	1689.5	1732.5	1724.8	1714.5	1709.3	1411.2	815.0	367.9
102.5°	1974.3	1827.0	1974.3	2121.6	2158.4	2023.7	1843.9	1754.1	1451.7	847.0	393.5
105°	2556.5	2477.4	2556.5	2635.7	2655.5	2353.3	1950.5	1749.1	1456.4	870.8	431.7
107.5°	2938.0	2957.1	2938.0	2918.8	2914.0	2492.6	1930.6	1649.7	1391.5	875.3	488.0
110°	3083.4	3165.9	3083.4	3000.9	2980.3	2509.1	1880.9	1566.8	1334.0	868.6	519.5



TEST NUMBER: P935392

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3096.4	3223.1	3096.4	2969.8	2938.1	2455.8	1812.9	1491.4	1283.9	868.9	557.7
115°	3014.3	3190.0	3014.3	2838.7	2794.8	2330.2	1710.8	1401.1	1226.4	876.9	614.8
117.5°	2840.2	3035.0	2840.2	2645.4	2596.7	2177.5	1618.4	1338.9	1190.3	893.2	670.3
120°	2700.0	2889.2	2700.0	2510.6	2463.3	2080.2	1569.5	1314.1	1178.3	906.5	702.6
122.5°	2563.3	2750.0	2563.3	2376.7	2329.9	1984.9	1525.0	1295.0	1171.8	925.5	740.7
125°	2368.4	2540.4	2368.4	2196.5	2153.5	1860.4	1469.7	1274.3	1166.6	951.2	789.6
127.5°	2193.1	2338.2	2193.1	2048.0	2011.7	1760.1	1424.7	1257.0	1163.6	976.9	836.8
130°	2089.8	2223.9	2089.8	1955.7	1922.3	1698.3	1399.6	1250.3	1165.4	995.6	868.3
132.5°	1996.1	2116.1	1996.1	1876.0	1846.0	1645.5	1378.2	1244.5	1166.6	1010.8	894.0
135°	1867.7	1971.2	1867.7	1764.2	1738.3	1570.4	1346.5	1234.5	1165.5	1027.5	923.9
137.5°	1764.6	1849.4	1764.6	1680.0	1658.7	1516.8	1327.5	1232.8	1172.7	1052.3	961.9
140°	1693.9	1773.1	1693.9	1614.8	1595.0	1472.4	1308.8	1227.1	1173.9	1067.4	987.6
142.5°	1635.4	1703.6	1635.4	1567.3	1550.3	1442.5	1298.9	1227.1	1178.1	1080.2	1006.7
145°	1547.6	1599.1	1547.6	1496.0	1483.1	1395.0	1277.6	1218.8	1178.2	1096.8	1035.7
147.5°	1480.2	1522.9	1480.2	1437.4	1426.8	1357.4	1265.0	1218.8	1186.2	1121.1	1072.2
150°	1437.7	1472.4	1437.7	1403.2	1394.5	1335.9	1257.8	1218.8	1190.4	1133.7	1091.2
152.5°	1401.5	1427.6	1401.5	1375.4	1368.8	1318.8	1252.2	1218.8	1193.2	1142.0	1103.7
155°	1359.7	1377.1	1359.7	1342.4	1338.1	1298.4	1245.3	1218.8	1199.3	1160.2	1131.0
157.5°	1326.8	1338.9	1326.8	1314.6	1311.6	1280.7	1239.4	1218.8	1205.4	1178.5	1158.3
160°	1307.2	1314.1	1307.2	1300.2	1298.4	1271.9	1236.5	1218.8	1208.1	1186.8	1170.8
162.5°	1294.2	1300.9	1294.2	1287.6	1285.9	1263.5	1233.7	1218.8	1211.0	1195.6	1184.0
165°	1275.7	1282.6	1275.7	1268.7	1266.9	1250.9	1229.5	1218.8	1215.3	1208.3	1203.1
167.5°	1262.2	1265.2	1262.2	1259.2	1258.5	1248.1	1234.0	1227.1	1224.1	1218.2	1213.8
170°	1258.5	1258.5	1258.5	1258.5	1258.5	1248.1	1234.0	1227.1	1226.9	1226.6	1226.3
172.5°	1248.8	1246.2	1248.8	1251.4	1252.0	1243.7	1232.6	1227.1	1227.1	1227.1	1227.1
175°	1242.8	1242.8	1242.8	1242.8	1242.8	1237.5	1230.6	1227.1	1228.8	1232.1	1234.5
177.5°	1237.5	1234.5	1237.5	1240.5	1241.2	1237.0	1231.6	1228.8	1230.1	1232.6	1234.5
180°	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5



TEST NUMBER: P935392

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9
2.5°	3613.4	3593.2	3593.2	3559.5	3546.1	3535.9	3519.1	3468.5	3455.0	3441.5	3461.8
5°	3643.8	3606.7	3579.7	3519.1	3468.5	3448.3	3384.2	3262.9	3182.0	3121.3	3087.6
7.5°	3650.5	3603.3	3552.7	3458.4	3337.0	3283.1	3087.6	2865.1	2804.4	2750.6	2716.8
10°	3643.8	3589.9	3519.1	3377.4	3091.0	2996.6	2801.1	2656.1	2619.1	2608.9	2619.1
12.5°	3620.2	3569.6	3471.9	3235.9	2834.8	2770.8	2656.1	2571.9	2565.1	2582.0	2673.0
15°	3579.7	3532.5	3418.0	3047.2	2693.2	2646.1	2565.1	2534.8	2571.9	2689.9	2962.9
17.5°	3539.3	3485.3	3343.8	2861.8	2585.3	2551.7	2494.4	2555.0	2764.0	2922.5	3013.4
20°	3485.3	3421.3	3259.5	2726.9	2507.8	2477.5	2450.6	2723.6	2882.0	2939.3	2989.9
22.5°	3421.3	3353.9	3144.9	2632.5	2427.0	2403.3	2420.2	2818.0	2882.0	2922.5	2966.3
25°	3337.0	3279.7	3010.1	2558.4	2362.9	2335.9	2400.0	2807.8	2844.9	2855.0	2942.7
27.5°	3259.5	3185.3	2868.5	2491.0	2285.3	2275.3	2416.8	2764.0	2791.0	2801.1	2895.5
30°	3165.1	3053.9	2710.1	2420.2	2204.4	2201.1	2420.2	2710.1	2703.3	2730.3	2824.7
32.5°	3067.4	2858.4	2531.4	2332.5	2127.0	2123.6	2396.6	2629.1	2622.5	2659.5	2730.3
35°	2976.3	2706.7	2288.7	2231.4	2029.2	2032.5	2339.3	2534.8	2538.2	2571.9	2615.7
37.5°	2882.0	2575.3	2022.5	2120.2	1934.8	1934.8	2261.7	2447.2	2440.4	2450.6	2511.2
40°	2770.8	2369.6	1786.5	1975.3	1847.2	1837.0	2167.4	2352.8	2329.1	2325.9	2410.1
42.5°	2652.7	2143.8	1611.2	1783.1	1746.1	1732.5	2052.8	2238.2	2194.4	2204.4	2312.3
45°	2524.7	2083.1	1476.4	1506.7	1641.5	1631.4	1928.1	2106.7	2076.4	2103.4	2214.6
47.5°	2396.6	1961.7	1432.5	1250.6	1530.4	1527.0	1789.9	1978.7	1961.7	1988.7	2106.7
50°	2221.3	1827.0	1429.2	1071.9	1405.6	1419.1	1624.7	1854.0	1854.0	1877.5	2002.3
52.5°	1995.5	1661.7	1297.7	970.8	1260.6	1301.1	1479.8	1746.1	1752.8	1776.4	1887.6
55°	1789.9	1489.9	1203.4	893.2	1088.7	1176.4	1338.2	1634.8	1648.3	1671.9	1773.0
57.5°	1601.1	1240.4	1183.1	802.3	930.4	1014.6	1213.4	1527.0	1533.6	1554.0	1651.7
60°	1398.9	896.6	1085.3	704.5	792.1	856.2	1098.9	1398.9	1422.5	1435.9	1520.2
62.5°	1169.6	650.6	984.2	637.0	724.7	738.2	1004.5	1277.5	1307.8	1318.0	1368.5
65°	832.6	546.1	835.9	579.8	653.9	657.3	903.4	1152.8	1179.8	1196.6	1233.6
67.5°	562.9	444.9	637.0	525.8	600.0	603.4	805.6	1007.9	1044.9	1058.4	1082.1
70°	391.0	296.6	471.9	468.5	539.3	546.1	701.1	876.4	910.1	920.2	933.7
72.5°	286.5	239.3	391.0	421.3	475.3	482.1	593.2	728.1	761.7	771.9	778.7
75°	219.1	252.8	316.8	367.4	404.5	407.9	485.4	593.2	616.8	623.6	627.0
77.5°	175.3	236.0	232.6	296.6	330.4	323.6	380.9	458.5	478.7	478.7	478.7
80°	131.5	185.4	175.3	212.3	242.7	236.0	273.0	327.0	333.7	340.4	337.0
82.5°	97.7	117.9	117.9	134.9	161.8	155.1	182.1	212.3	212.3	212.3	219.1
85°	60.7	67.4	53.9	70.8	91.0	87.6	101.1	114.6	117.9	117.9	111.3
87.5°	37.1	30.4	16.8	27.0	40.4	40.4	47.2	50.6	47.2	47.2	47.2
90°	21.5	14.9	8.3	14.9	21.5	23.2	36.5	54.1	62.9	56.0	41.9
92.5°	145.9	89.5	33.2	89.5	145.9	160.0	224.8	311.3	354.6	310.8	223.2
95°	285.8	182.7	79.6	182.7	285.8	311.5	553.2	875.4	1036.5	925.0	701.8
97.5°	319.5	228.5	137.5	228.5	319.5	342.2	745.2	1282.4	1551.1	1480.6	1339.5
100°	347.3	264.7	182.3	264.7	347.3	367.9	815.0	1411.2	1709.3	1714.5	1724.8
102.5°	374.3	297.3	220.4	297.3	374.3	393.5	847.0	1451.7	1754.1	1843.9	2023.7
105°	415.3	350.2	285.1	350.2	415.3	431.7	870.8	1456.4	1749.1	1950.5	2353.3
107.5°	472.8	412.0	351.3	412.0	472.8	488.0	875.3	1391.5	1649.7	1930.6	2492.6
110°	505.8	450.9	396.0	450.9	505.8	519.5	868.6	1334.0	1566.8	1880.9	2509.1



TEST NUMBER: P935392

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	544.6	492.2	439.9	492.2	544.6	557.7	868.9	1283.9	1491.4	1812.9	2455.8
115°	602.8	554.5	506.3	554.5	602.8	614.8	876.9	1226.4	1401.1	1710.8	2330.2
117.5°	659.4	615.5	571.7	615.5	659.4	670.3	893.2	1190.3	1338.9	1618.4	2177.5
120°	692.3	651.1	609.9	651.1	692.3	702.6	906.5	1178.3	1314.1	1569.5	2080.2
122.5°	730.4	688.7	647.1	688.7	730.4	740.7	925.5	1171.8	1295.0	1525.0	1984.9
125°	780.2	742.2	704.3	742.2	780.2	789.6	951.2	1166.6	1274.3	1469.7	1860.4
127.5°	827.3	788.9	750.7	788.9	827.3	836.8	976.9	1163.6	1257.0	1424.7	1760.1
130°	858.0	816.7	775.5	816.7	858.0	868.3	995.6	1165.4	1250.3	1399.6	1698.3
132.5°	883.7	842.4	801.2	842.4	883.7	894.0	1010.8	1166.6	1244.5	1378.2	1645.5
135°	914.5	876.9	839.3	876.9	914.5	923.9	1027.5	1165.5	1234.5	1346.5	1570.4
137.5°	952.7	915.4	878.3	915.4	952.7	961.9	1052.3	1172.7	1232.8	1327.5	1516.8
140°	979.1	944.8	910.5	944.8	979.1	987.6	1067.4	1173.9	1227.1	1308.8	1472.4
142.5°	998.8	967.1	935.4	967.1	998.8	1006.7	1080.2	1178.1	1227.1	1298.9	1442.5
145°	1028.9	1001.2	973.6	1001.2	1028.9	1035.7	1096.8	1178.2	1218.8	1277.6	1395.0
147.5°	1065.4	1038.5	1011.6	1038.5	1065.4	1072.2	1121.1	1186.2	1218.8	1265.0	1357.4
150°	1085.1	1060.8	1036.5	1060.8	1085.1	1091.2	1133.7	1190.4	1218.8	1257.8	1335.9
152.5°	1099.1	1080.7	1062.2	1080.7	1099.1	1103.7	1142.0	1193.2	1218.8	1252.2	1318.8
155°	1127.6	1113.9	1100.3	1113.9	1127.6	1131.0	1160.2	1199.3	1218.8	1245.3	1298.4
157.5°	1155.1	1141.7	1128.5	1141.7	1155.1	1158.3	1178.5	1205.4	1218.8	1239.4	1280.7
160°	1168.2	1157.9	1147.6	1157.9	1168.2	1170.8	1186.8	1208.1	1218.8	1236.5	1271.9
162.5°	1182.2	1174.4	1166.6	1174.4	1182.2	1184.0	1195.6	1211.0	1218.8	1233.7	1263.5
165°	1201.3	1194.3	1187.3	1194.3	1201.3	1203.1	1208.3	1215.3	1218.8	1229.5	1250.9
167.5°	1213.0	1209.6	1206.4	1209.6	1213.0	1213.8	1218.2	1224.1	1227.1	1234.0	1248.1
170°	1225.5	1222.1	1218.8	1222.1	1225.5	1226.3	1226.6	1226.9	1227.1	1234.0	1248.1
172.5°	1226.9	1226.2	1225.5	1226.2	1226.9	1227.1	1227.1	1227.1	1227.1	1232.6	1243.7
175°	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1232.1	1228.8	1227.1	1230.6	1237.5
177.5°	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1232.6	1230.1	1228.8	1231.6	1237.0
180°	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5



TEST NUMBER: P935392

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9	3562.9
2.5°	3438.2	3428.0	3441.5	3404.4	3441.5	3428.0	3438.2	3461.8	3441.5	3455.0	3468.5
5°	3016.8	3000.0	2946.1	2902.2	2946.1	3000.0	3016.8	3087.6	3121.3	3182.0	3262.9
7.5°	2696.6	2683.1	2669.6	2642.7	2669.6	2683.1	2696.6	2716.8	2750.6	2804.4	2865.1
10°	2625.9	2629.1	2649.4	2646.1	2649.4	2629.1	2625.9	2619.1	2608.9	2619.1	2656.1
12.5°	2807.8	2838.2	2949.4	2942.7	2949.4	2838.2	2807.8	2673.0	2582.0	2565.1	2571.9
15°	3016.8	3026.9	3050.5	3053.9	3050.5	3026.9	3016.8	2962.9	2689.9	2571.9	2534.8
17.5°	3037.0	3040.4	3057.2	3057.2	3057.2	3040.4	3037.0	3013.4	2922.5	2764.0	2555.0
20°	3020.2	3026.9	3060.6	3067.4	3060.6	3026.9	3020.2	2989.9	2939.3	2882.0	2723.6
22.5°	3013.4	3026.9	3053.9	3050.5	3053.9	3026.9	3013.4	2966.3	2922.5	2882.0	2818.0
25°	2979.7	2979.7	2983.1	2986.5	2983.1	2979.7	2979.7	2942.7	2855.0	2844.9	2807.8
27.5°	2908.9	2915.7	2935.9	2932.5	2935.9	2915.7	2908.9	2895.5	2801.1	2791.0	2764.0
30°	2844.9	2838.2	2821.3	2807.8	2821.3	2838.2	2844.9	2824.7	2730.3	2703.3	2710.1
32.5°	2737.0	2720.2	2703.3	2693.2	2703.3	2720.2	2737.0	2730.3	2659.5	2622.5	2629.1
35°	2608.9	2612.3	2608.9	2598.9	2608.9	2612.3	2608.9	2615.7	2571.9	2538.2	2534.8
37.5°	2518.0	2524.7	2521.3	2507.8	2521.3	2524.7	2518.0	2511.2	2450.6	2440.4	2447.2
40°	2423.6	2427.0	2423.6	2413.4	2423.6	2427.0	2423.6	2410.1	2325.9	2329.1	2352.8
42.5°	2332.5	2329.1	2319.1	2312.3	2319.1	2329.1	2332.5	2312.3	2204.4	2194.4	2238.2
45°	2228.1	2231.4	2211.2	2201.1	2211.2	2231.4	2228.1	2214.6	2103.4	2076.4	2106.7
47.5°	2123.6	2123.6	2106.7	2096.6	2106.7	2123.6	2123.6	2106.7	1988.7	1961.7	1978.7
50°	2012.3	2008.9	1985.3	1982.0	1985.3	2008.9	2012.3	2002.3	1877.5	1854.0	1854.0
52.5°	1884.2	1884.2	1887.6	1894.4	1887.6	1884.2	1884.2	1887.6	1776.4	1752.8	1746.1
55°	1773.0	1776.4	1800.0	1806.7	1800.0	1776.4	1773.0	1773.0	1671.9	1648.3	1634.8
57.5°	1658.4	1658.4	1675.3	1675.3	1675.3	1658.4	1658.4	1651.7	1554.0	1533.6	1527.0
60°	1527.0	1533.6	1547.2	1543.8	1547.2	1533.6	1527.0	1520.2	1435.9	1422.5	1398.9
62.5°	1388.7	1395.5	1398.9	1392.1	1398.9	1395.5	1388.7	1368.5	1318.0	1307.8	1277.5
65°	1243.8	1250.6	1254.0	1247.2	1254.0	1250.6	1243.8	1233.6	1196.6	1179.8	1152.8
67.5°	1095.5	1092.1	1088.7	1102.3	1088.7	1092.1	1095.5	1082.1	1058.4	1044.9	1007.9
70°	943.8	943.8	940.4	947.2	940.4	943.8	943.8	933.7	920.2	910.1	876.4
72.5°	782.1	778.7	792.1	782.1	792.1	778.7	782.1	778.7	771.9	761.7	728.1
75°	623.6	630.4	623.6	633.7	623.6	630.4	623.6	627.0	623.6	616.8	593.2
77.5°	475.3	482.1	475.3	475.3	475.3	482.1	475.3	478.7	478.7	478.7	458.5
80°	337.0	333.7	333.7	330.4	333.7	333.7	337.0	337.0	340.4	333.7	327.0
82.5°	215.7	212.3	212.3	219.1	212.3	212.3	215.7	219.1	212.3	212.3	212.3
85°	117.9	121.3	114.6	114.6	114.6	121.3	117.9	111.3	117.9	117.9	114.6
87.5°	43.8	40.4	40.4	40.4	40.4	40.4	43.8	47.2	47.2	47.2	50.6
90°	31.5	31.5	31.5	31.5	31.5	31.5	31.5	41.9	56.0	62.9	54.1
92.5°	157.5	151.2	126.2	101.1	126.2	151.2	157.5	223.2	310.8	354.6	311.3
95°	534.5	515.5	439.6	363.7	439.6	515.5	534.5	701.8	925.0	1036.5	875.4
97.5°	1233.7	1197.7	1053.3	908.9	1053.3	1197.7	1233.7	1339.5	1480.6	1551.1	1282.4
100°	1732.5	1689.5	1517.6	1345.6	1517.6	1689.5	1732.5	1724.8	1714.5	1709.3	1411.2
102.5°	2158.4	2121.6	1974.3	1827.0	1974.3	2121.6	2158.4	2023.7	1843.9	1754.1	1451.7
105°	2655.5	2635.7	2556.5	2477.4	2556.5	2635.7	2655.5	2353.3	1950.5	1749.1	1456.4
107.5°	2914.0	2918.8	2938.0	2957.1	2938.0	2918.8	2914.0	2492.6	1930.6	1649.7	1391.5
110°	2980.3	3000.9	3083.4	3165.9	3083.4	3000.9	2980.3	2509.1	1880.9	1566.8	1334.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2938.1	2969.8	3096.4	3223.1	3096.4	2969.8	2938.1	2455.8	1812.9	1491.4	1283.9
115°	2794.8	2838.7	3014.3	3190.0	3014.3	2838.7	2794.8	2330.2	1710.8	1401.1	1226.4
117.5°	2596.7	2645.4	2840.2	3035.0	2840.2	2645.4	2596.7	2177.5	1618.4	1338.9	1190.3
120°	2463.3	2510.6	2700.0	2889.2	2700.0	2510.6	2463.3	2080.2	1569.5	1314.1	1178.3
122.5°	2329.9	2376.7	2563.3	2750.0	2563.3	2376.7	2329.9	1984.9	1525.0	1295.0	1171.8
125°	2153.5	2196.5	2368.4	2540.4	2368.4	2196.5	2153.5	1860.4	1469.7	1274.3	1166.6
127.5°	2011.7	2048.0	2193.1	2338.2	2193.1	2048.0	2011.7	1760.1	1424.7	1257.0	1163.6
130°	1922.3	1955.7	2089.8	2223.9	2089.8	1955.7	1922.3	1698.3	1399.6	1250.3	1165.4
132.5°	1846.0	1876.0	1996.1	2116.1	1996.1	1876.0	1846.0	1645.5	1378.2	1244.5	1166.6
135°	1738.3	1764.2	1867.7	1971.2	1867.7	1764.2	1738.3	1570.4	1346.5	1234.5	1165.5
137.5°	1658.7	1680.0	1764.6	1849.4	1764.6	1680.0	1658.7	1516.8	1327.5	1232.8	1172.7
140°	1595.0	1614.8	1693.9	1773.1	1693.9	1614.8	1595.0	1472.4	1308.8	1227.1	1173.9
142.5°	1550.3	1567.3	1635.4	1703.6	1635.4	1567.3	1550.3	1442.5	1298.9	1227.1	1178.1
145°	1483.1	1496.0	1547.6	1599.1	1547.6	1496.0	1483.1	1395.0	1277.6	1218.8	1178.2
147.5°	1426.8	1437.4	1480.2	1522.9	1480.2	1437.4	1426.8	1357.4	1265.0	1218.8	1186.2
150°	1394.5	1403.2	1437.7	1472.4	1437.7	1403.2	1394.5	1335.9	1257.8	1218.8	1190.4
152.5°	1368.8	1375.4	1401.5	1427.6	1401.5	1375.4	1368.8	1318.8	1252.2	1218.8	1193.2
155°	1338.1	1342.4	1359.7	1377.1	1359.7	1342.4	1338.1	1298.4	1245.3	1218.8	1199.3
157.5°	1311.6	1314.6	1326.8	1338.9	1326.8	1314.6	1311.6	1280.7	1239.4	1218.8	1205.4
160°	1298.4	1300.2	1307.2	1314.1	1307.2	1300.2	1298.4	1271.9	1236.5	1218.8	1208.1
162.5°	1285.9	1287.6	1294.2	1300.9	1294.2	1287.6	1285.9	1263.5	1233.7	1218.8	1211.0
165°	1266.9	1268.7	1275.7	1282.6	1275.7	1268.7	1266.9	1250.9	1229.5	1218.8	1215.3
167.5°	1258.5	1259.2	1262.2	1265.2	1262.2	1259.2	1258.5	1248.1	1234.0	1227.1	1224.1
170°	1258.5	1258.5	1258.5	1258.5	1258.5	1258.5	1258.5	1248.1	1234.0	1227.1	1226.9
172.5°	1252.0	1251.4	1248.8	1246.2	1248.8	1251.4	1252.0	1243.7	1232.6	1227.1	1227.1
175°	1242.8	1242.8	1242.8	1242.8	1242.8	1242.8	1242.8	1237.5	1230.6	1227.1	1228.8
177.5°	1241.2	1240.5	1237.5	1234.5	1237.5	1240.5	1241.2	1237.0	1231.6	1228.8	1230.1
180°	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5	1234.5



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3562.9	3562.9	3562.9	3562.9	3562.9
2.5°	3519.1	3535.9	3546.1	3559.5	3593.2
5°	3384.2	3448.3	3468.5	3519.1	3579.7
7.5°	3087.6	3283.1	3337.0	3458.4	3552.7
10°	2801.1	2996.6	3091.0	3377.4	3519.1
12.5°	2656.1	2770.8	2834.8	3235.9	3471.9
15°	2565.1	2646.1	2693.2	3047.2	3418.0
17.5°	2494.4	2551.7	2585.3	2861.8	3343.8
20°	2450.6	2477.5	2507.8	2726.9	3259.5
22.5°	2420.2	2403.3	2427.0	2632.5	3144.9
25°	2400.0	2335.9	2362.9	2558.4	3010.1
27.5°	2416.8	2275.3	2285.3	2491.0	2868.5
30°	2420.2	2201.1	2204.4	2420.2	2710.1
32.5°	2396.6	2123.6	2127.0	2332.5	2531.4
35°	2339.3	2032.5	2029.2	2231.4	2288.7
37.5°	2261.7	1934.8	1934.8	2120.2	2022.5
40°	2167.4	1837.0	1847.2	1975.3	1786.5
42.5°	2052.8	1732.5	1746.1	1783.1	1611.2
45°	1928.1	1631.4	1641.5	1506.7	1476.4
47.5°	1789.9	1527.0	1530.4	1250.6	1432.5
50°	1624.7	1419.1	1405.6	1071.9	1429.2
52.5°	1479.8	1301.1	1260.6	970.8	1297.7
55°	1338.2	1176.4	1088.7	893.2	1203.4
57.5°	1213.4	1014.6	930.4	802.3	1183.1
60°	1098.9	856.2	792.1	704.5	1085.3
62.5°	1004.5	738.2	724.7	637.0	984.2
65°	903.4	657.3	653.9	579.8	835.9
67.5°	805.6	603.4	600.0	525.8	637.0
70°	701.1	546.1	539.3	468.5	471.9
72.5°	593.2	482.1	475.3	421.3	391.0
75°	485.4	407.9	404.5	367.4	316.8
77.5°	380.9	323.6	330.4	296.6	232.6
80°	273.0	236.0	242.7	212.3	175.3
82.5°	182.1	155.1	161.8	134.9	117.9
85°	101.1	87.6	91.0	70.8	53.9
87.5°	47.2	40.4	40.4	27.0	16.8
90°	36.5	23.2	21.5	14.9	8.3
92.5°	224.8	160.0	145.9	89.5	33.2
95°	553.2	311.5	285.8	182.7	79.6
97.5°	745.2	342.2	319.5	228.5	137.5
100°	815.0	367.9	347.3	264.7	182.3
102.5°	847.0	393.5	374.3	297.3	220.4
105°	870.8	431.7	415.3	350.2	285.1
107.5°	875.3	488.0	472.8	412.0	351.3
110°	868.6	519.5	505.8	450.9	396.0



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	868.9	557.7	544.6	492.2	439.9
115°	876.9	614.8	602.8	554.5	506.3
117.5°	893.2	670.3	659.4	615.5	571.7
120°	906.5	702.6	692.3	651.1	609.9
122.5°	925.5	740.7	730.4	688.7	647.1
125°	951.2	789.6	780.2	742.2	704.3
127.5°	976.9	836.8	827.3	788.9	750.7
130°	995.6	868.3	858.0	816.7	775.5
132.5°	1010.8	894.0	883.7	842.4	801.2
135°	1027.5	923.9	914.5	876.9	839.3
137.5°	1052.3	961.9	952.7	915.4	878.3
140°	1067.4	987.6	979.1	944.8	910.5
142.5°	1080.2	1006.7	998.8	967.1	935.4
145°	1096.8	1035.7	1028.9	1001.2	973.6
147.5°	1121.1	1072.2	1065.4	1038.5	1011.6
150°	1133.7	1091.2	1085.1	1060.8	1036.5
152.5°	1142.0	1103.7	1099.1	1080.7	1062.2
155°	1160.2	1131.0	1127.6	1113.9	1100.3
157.5°	1178.5	1158.3	1155.1	1141.7	1128.5
160°	1186.8	1170.8	1168.2	1157.9	1147.6
162.5°	1195.6	1184.0	1182.2	1174.4	1166.6
165°	1208.3	1203.1	1201.3	1194.3	1187.3
167.5°	1218.2	1213.8	1213.0	1209.6	1206.4
170°	1226.6	1226.3	1225.5	1222.1	1218.8
172.5°	1227.1	1227.1	1226.9	1226.2	1225.5
175°	1232.1	1234.5	1234.5	1234.5	1234.5
177.5°	1232.6	1234.5	1234.5	1234.5	1234.5
180°	1234.5	1234.5	1234.5	1234.5	1234.5



TEST NUMBER: P935392
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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.88	15.77	15.81	16.72	17.94	17.72	18.61	18.64	19.56	20.77
	3H	15.36	16.16	16.30	17.11	18.36	19.07	19.87	20.01	20.82	22.07
	4H	15.55	16.31	16.50	17.27	18.52	19.52	20.27	20.47	21.23	22.48
	6H	15.67	16.37	16.64	17.33	18.60	19.80	20.50	20.77	21.47	22.73
	8H	15.67	16.34	16.64	17.32	18.58	19.88	20.55	20.85	21.53	22.79
	12H	15.65	16.28	16.62	17.25	18.54	19.92	20.55	20.90	21.53	22.82
4H	2H	15.92	16.68	16.88	17.63	18.89	18.13	18.89	19.09	19.85	21.10
	3H	16.95	17.58	17.92	18.57	19.83	19.64	20.27	20.61	21.26	22.53
	4H	17.23	17.80	18.20	18.78	20.07	20.17	20.75	21.15	21.73	23.02
	6H	17.35	17.85	18.34	18.85	20.14	20.54	21.04	21.53	22.04	23.33
	8H	17.36	17.82	18.35	18.82	20.12	20.65	21.11	21.64	22.11	23.42
	12H	17.33	17.75	18.34	18.76	20.07	20.71	21.13	21.72	22.14	23.45
8H	4H	17.68	18.15	18.67	19.15	20.45	20.30	20.76	21.29	21.76	23.07
	6H	17.95	18.33	18.96	19.37	20.67	20.74	21.12	21.76	22.16	23.46
	8H	17.99	18.33	19.01	19.35	20.67	20.89	21.23	21.92	22.26	23.58
	12H	17.97	18.27	19.00	19.29	20.66	20.99	21.29	22.02	22.31	23.68
12H	4H	17.69	18.11	18.70	19.12	20.43	20.27	20.68	21.28	21.70	23.01
	6H	18.01	18.35	19.03	19.37	20.69	20.74	21.08	21.76	22.10	23.42
	8H	18.08	18.37	19.10	19.40	20.76	20.90	21.20	21.93	22.22	23.58