

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: P935464

Luminaire Tested: SQ4-FA-125U-050D-93050-1D-UNV-STD-W-6-5000K

Issue Date: 12/17/2024

**Test Information**

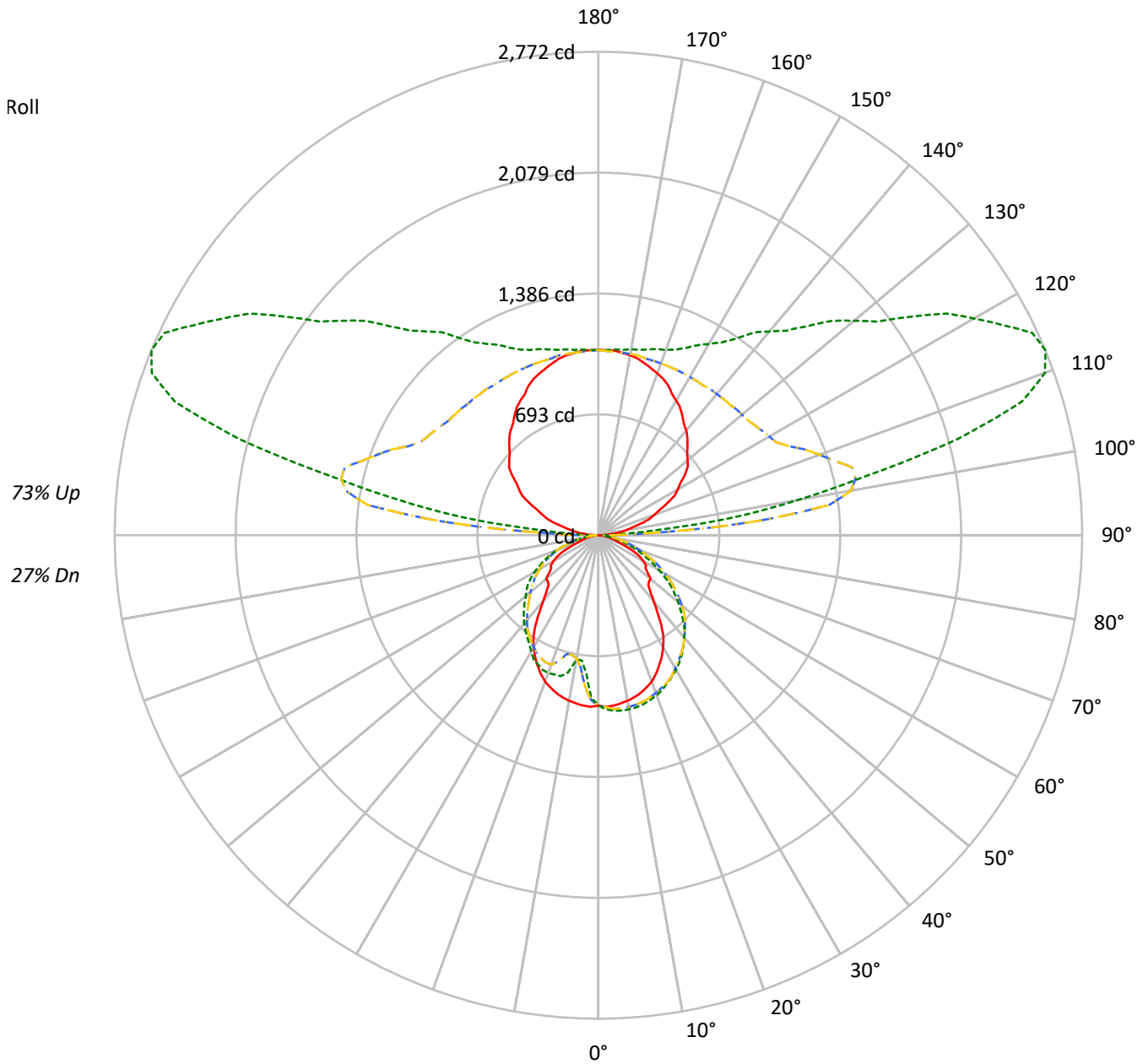
Test Method: LM-79-2019  
Report Number: P935464  
REPORT IS A COMBINATION OF REPORTS P933755 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-050D-93050-1D-UNV-STD-W-6-5000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9418.3 lumens  
Efficiency: N/A  
Efficacy: 131.9 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: Semi-Indirect  
  
Input Watts (W): 71.4  
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: P935464  
CATALOG NUMBER: SQ4-FA-125U-050D-93050-1D-UNV-STD-W-6-5000K

### 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	50	30	10	0
RCR																					
0	102	102	102	102	91	91	91	91	71	71	71	52	52	52	35	35	35	27			27
1	93	88	85	81	83	79	76	73	62	60	58	46	44	43	31	30	29	23			23
2	84	77	71	66	75	69	64	60	54	51	48	40	38	36	27	26	25	19			19
3	77	68	61	55	68	61	55	50	48	43	40	35	33	30	24	22	21	16			16
4	70	60	52	47	62	54	47	42	42	38	34	31	28	26	21	20	18	14			14
5	64	53	45	40	57	48	41	36	38	33	29	28	25	22	19	17	16	12			12
6	59	48	40	34	53	43	36	31	34	29	25	25	22	19	17	15	14	10			10
7	55	43	35	30	49	38	32	27	30	26	22	23	20	17	16	14	12	9			9
8	50	39	31	26	45	35	28	24	28	23	19	21	18	15	15	12	11	8			8
9	47	35	28	23	42	32	25	21	25	21	17	19	16	14	13	11	10	7			7
10	44	32	25	20	39	29	23	19	23	19	15	18	14	12	12	10	9	7			7

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	6036	6036	6036	6036
5°	6079	6093	6079	4791
10°	6036	6003	6036	4291
15°	5968	5873	5968	4904
20°	5841	5718	5841	4914
25°	5584	5494	5584	4809
30°	5251	5307	5251	4581
35°	4680	5071	4680	4330
40°	3897	4794	3897	4140
45°	3479	4468	3479	3921
50°	3693	4080	3693	3702
55°	3471	3662	3471	3576
60°	3574	3111	3574	3275
65°	3236	2572	3236	2875
70°	2235	2049	2235	2409
75°	1953	1514	1953	1813
80°	1562	1002	1562	1091
85°	882	530	882	451

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 5337 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	88.1	0.9
10°-20°	250.1	2.7
20°-30°	386.6	4.1
30°-40°	461.5	4.9
40°-50°	464.2	4.9
50°-60°	403.9	4.3
60°-70°	286.4	3.0
70°-80°	151.5	1.6
80°-90°	41.8	0.4
90°-100°	517.6	5.5
100°-110°	1360.9	14.4
110°-120°	1411.1	15.0
120°-130°	1131.9	12.0
130°-140°	888.1	9.4
140°-150°	681.7	7.2
150°-160°	490.9	5.2
160°-170°	300.4	3.2
170°-180°	101.5	1.1
0°-30°	724.8	7.7
0°-40°	1186.3	12.6
0°-60°	2054.4	21.8
0°-90°	2534.1	26.9
90°-120°	3289.7	34.9
90°-150°	5991.4	63.6
90°-180°	6884.0	73.1
0°-180°	9418.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	976	976	976	976	976	
5°	980	1011	980	795	980	93
15°	936	1002	936	836	936	263
25°	824	934	824	818	824	379
35°	627	834	627	712	627	388
45°	404	687	404	603	404	324
55°	330	507	330	495	330	303
65°	229	306	229	342	229	219
75°	87	145	87	174	87	91
85°	15	37	15	31	15	20
90°	7	27	7	27	7	7
95°	68	313	68	313	68	76
105°	245	2131	245	2131	245	260
115°	435	2744	435	2744	435	430
125°	606	2185	606	2185	606	538
135°	722	1696	722	1696	722	559
145°	837	1376	837	1376	837	525
155°	946	1185	946	1185	946	435
165°	1021	1103	1021	1103	1021	288
175°	1062	1069	1062	1069	1062	101
180°	1062	1062	1062	1062	1062	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8
2.5°	984.1	984.1	989.6	991.5	991.5	988.7	986.0	988.7	997.1	999.8	998.9
5°	980.4	987.8	998.0	999.8	1001.7	1000.7	998.9	1000.7	1009.9	1011.9	1012.8
7.5°	973.0	986.9	999.8	1002.6	1005.3	1002.6	1001.7	1003.5	1012.8	1014.6	1014.6
10°	963.8	983.2	998.0	999.8	1002.6	999.8	999.8	1003.5	1012.8	1014.6	1015.5
12.5°	950.9	977.6	991.5	993.3	997.1	996.2	995.1	998.9	1008.1	1009.9	1009.9
15°	936.1	967.5	980.4	982.3	988.7	986.9	986.9	990.6	1000.7	1003.5	1002.6
17.5°	915.8	954.6	969.4	972.1	976.7	975.8	976.7	980.4	989.6	991.5	992.4
20°	892.7	937.1	954.6	957.3	961.9	961.9	961.9	966.6	975.8	979.5	979.5
22.5°	861.3	918.5	937.1	938.9	944.4	944.4	946.2	952.8	961.0	961.9	961.9
25°	824.4	898.2	913.9	919.5	925.0	927.8	930.5	934.3	937.1	936.1	937.1
27.5°	785.6	872.4	892.7	896.4	903.8	906.6	910.3	911.2	912.1	914.9	913.0
30°	742.2	836.4	866.9	870.5	882.5	884.4	880.7	882.5	887.1	889.1	890.9
32.5°	693.3	782.9	840.1	848.4	859.5	853.9	853.0	855.8	863.2	863.2	865.0
35°	626.9	741.3	815.2	822.5	830.9	824.4	828.1	829.0	833.6	836.4	835.5
37.5°	553.9	705.3	789.3	794.8	801.3	793.0	798.6	801.3	805.0	803.2	803.2
40°	489.3	649.0	758.8	762.5	768.1	761.6	767.2	769.0	770.9	769.0	768.1
42.5°	441.3	587.1	726.5	731.1	727.5	732.0	734.0	737.6	734.9	731.1	731.1
45°	404.3	570.5	691.5	697.0	691.5	698.8	701.6	701.6	693.3	691.5	690.6
47.5°	392.3	537.3	656.4	656.4	653.6	662.9	667.4	661.0	652.7	649.9	649.9
50°	391.4	500.3	608.3	604.7	617.6	628.7	624.0	617.6	611.2	601.0	601.0
52.5°	355.4	455.1	546.5	560.3	580.7	587.1	579.8	573.3	562.2	557.6	553.9
55°	329.5	408.0	490.2	517.9	539.1	547.4	533.6	527.1	510.5	507.8	505.9
57.5°	324.0	339.7	438.5	473.6	499.4	498.5	490.2	478.2	464.4	461.6	460.7
60°	297.2	245.6	383.1	424.7	451.4	448.7	441.3	430.2	417.3	415.4	413.6
62.5°	269.5	178.2	320.4	367.4	405.3	404.3	397.9	381.3	372.0	367.4	363.8
65°	229.0	149.6	228.0	305.6	360.0	361.8	348.1	336.1	325.9	320.4	319.4
67.5°	174.5	121.9	154.2	254.8	316.7	314.8	297.2	291.7	278.8	276.0	270.5
70°	129.2	81.2	107.1	206.8	274.2	269.5	255.8	249.2	237.2	230.8	227.1
72.5°	107.1	65.5	78.5	160.6	230.8	225.3	213.3	205.8	195.7	190.1	186.5
75°	86.8	69.2	60.0	119.1	187.4	183.7	172.6	165.3	156.9	149.6	150.5
77.5°	63.7	64.6	48.0	87.7	148.7	143.1	136.6	127.4	123.7	116.4	116.4
80°	48.0	50.7	36.0	60.0	107.1	107.1	101.6	95.1	88.6	85.0	85.0
82.5°	32.3	32.3	26.8	37.8	73.0	70.2	66.4	64.6	60.9	59.1	59.1
85°	14.8	18.4	16.6	23.0	39.7	41.6	41.6	39.7	38.8	36.9	37.8
87.5°	4.6	8.4	10.2	12.9	20.3	21.2	22.1	22.1	22.1	23.0	23.0
90°	7.2	12.8	18.5	19.9	31.3	46.5	54.1	48.1	36.1	27.1	27.1
92.5°	28.5	77.0	125.4	137.6	193.4	267.8	305.0	267.3	192.0	135.5	130.0
95°	68.5	157.1	245.8	268.0	475.8	753.1	891.6	795.6	603.7	459.7	443.3
97.5°	118.3	196.5	274.8	294.3	640.9	1103.2	1334.2	1273.6	1152.3	1061.2	1030.2
100°	156.8	227.8	298.7	316.4	701.0	1213.9	1470.3	1474.7	1483.6	1490.2	1453.3
102.5°	189.6	255.8	322.0	338.5	728.6	1248.7	1508.8	1586.1	1740.7	1856.6	1824.9
105°	245.2	301.3	357.3	371.3	749.0	1252.7	1504.6	1677.8	2024.3	2284.2	2267.2
107.5°	302.2	354.4	406.7	419.8	752.9	1196.9	1419.0	1660.8	2144.1	2506.6	2510.7
110°	340.6	387.8	435.0	446.8	747.1	1147.5	1347.7	1617.9	2158.3	2563.7	2581.4



TEST NUMBER: P935464

CATALOG NUMBER: SQ4-FA-125U-050D-93050-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	378.5	423.4	468.4	479.7	747.4	1104.4	1282.8	1559.3	2112.4	2527.2	2554.5
115°	435.4	476.9	518.5	528.9	754.3	1054.9	1205.2	1471.6	2004.4	2404.0	2441.8
117.5°	491.8	529.5	567.1	576.6	768.3	1023.9	1151.7	1392.1	1873.0	2233.7	2275.5
120°	524.6	560.1	595.5	604.4	779.7	1013.4	1130.3	1350.0	1789.3	2118.9	2159.6
122.5°	556.7	592.5	628.3	637.2	796.1	1008.0	1114.0	1311.8	1707.5	2004.2	2044.3
125°	605.8	638.4	671.0	679.2	818.2	1003.5	1096.2	1264.2	1600.3	1852.4	1889.4
127.5°	645.7	678.6	711.6	719.8	840.3	1000.9	1081.2	1225.5	1514.1	1730.5	1761.7
130°	667.1	702.6	738.0	746.9	856.4	1002.4	1075.4	1203.9	1460.8	1653.5	1682.3
132.5°	689.2	724.7	760.1	769.0	869.5	1003.5	1070.5	1185.5	1415.5	1587.9	1613.7
135°	722.0	754.3	786.6	794.6	883.7	1002.6	1062.0	1158.2	1350.8	1495.3	1517.5
137.5°	755.4	787.5	819.5	827.5	905.1	1008.7	1060.5	1141.9	1304.7	1426.8	1445.0
140°	783.3	812.7	842.2	849.5	918.2	1009.7	1055.5	1125.8	1266.5	1372.0	1389.0
142.5°	804.6	831.9	859.1	865.9	929.2	1013.4	1055.5	1117.3	1240.8	1333.5	1348.2
145°	837.4	861.2	884.9	890.9	943.4	1013.4	1048.4	1098.9	1200.0	1275.8	1286.9
147.5°	870.3	893.4	916.5	922.3	964.3	1020.4	1048.4	1088.1	1167.7	1227.3	1236.5
150°	891.6	912.6	933.4	938.6	975.2	1024.0	1048.4	1082.0	1149.1	1199.5	1207.0
152.5°	913.7	929.5	945.4	949.4	982.4	1026.4	1048.4	1077.0	1134.4	1177.4	1183.0
155°	946.5	958.3	969.9	972.8	998.0	1031.6	1048.4	1071.2	1116.8	1151.1	1154.8
157.5°	970.7	982.1	993.5	996.3	1013.7	1036.8	1048.4	1066.1	1101.6	1128.2	1130.8
160°	987.1	996.0	1004.9	1007.1	1020.8	1039.2	1048.4	1063.6	1094.0	1116.8	1118.3
162.5°	1003.5	1010.1	1016.8	1018.5	1028.5	1041.8	1048.4	1061.2	1086.8	1106.1	1107.6
165°	1021.3	1027.4	1033.4	1034.9	1039.4	1045.3	1048.4	1057.6	1076.0	1089.8	1091.2
167.5°	1037.7	1040.6	1043.4	1044.2	1047.9	1053.0	1055.5	1061.6	1073.6	1082.6	1083.2
170°	1048.4	1051.2	1054.1	1054.8	1055.1	1055.3	1055.5	1061.6	1073.6	1082.6	1082.6
172.5°	1054.1	1054.7	1055.3	1055.5	1055.5	1055.5	1055.5	1060.3	1069.8	1076.9	1076.4
175°	1062.0	1062.0	1062.0	1062.0	1059.8	1057.0	1055.5	1058.6	1064.6	1069.1	1069.1
177.5°	1062.0	1062.0	1062.0	1062.0	1060.3	1058.0	1056.9	1059.3	1064.1	1067.6	1067.0
180°	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8
2.5°	1000.7	998.0	1000.7	998.9	999.8	997.1	988.7	986.0	988.7	991.5	991.5
5°	1012.8	1010.8	1012.8	1012.8	1011.9	1009.9	1000.7	998.9	1000.7	1001.7	999.8
7.5°	1016.4	1013.7	1016.4	1014.6	1014.6	1012.8	1003.5	1001.7	1002.6	1005.3	1002.6
10°	1016.4	1013.7	1016.4	1015.5	1014.6	1012.8	1003.5	999.8	999.8	1002.6	999.8
12.5°	1011.9	1009.9	1011.9	1009.9	1009.9	1008.1	998.9	995.1	996.2	997.1	993.3
15°	1004.4	1001.7	1004.4	1002.6	1003.5	1000.7	990.6	986.9	986.9	988.7	982.3
17.5°	993.3	989.6	993.3	992.4	991.5	989.6	980.4	976.7	975.8	976.7	972.1
20°	980.4	977.6	980.4	979.5	979.5	975.8	966.6	961.9	961.9	961.9	957.3
22.5°	960.1	957.3	960.1	961.9	961.9	961.0	952.8	946.2	944.4	944.4	938.9
25°	937.1	934.3	937.1	937.1	936.1	937.1	934.3	930.5	927.8	925.0	919.5
27.5°	914.9	913.0	914.9	913.0	914.9	912.1	911.2	910.3	906.6	903.8	896.4
30°	892.7	890.9	892.7	890.9	889.1	887.1	882.5	880.7	884.4	882.5	870.5
32.5°	865.0	863.2	865.0	865.0	863.2	863.2	855.8	853.0	853.9	859.5	848.4
35°	836.4	833.6	836.4	835.5	836.4	833.6	829.0	828.1	824.4	830.9	822.5
37.5°	803.2	800.4	803.2	803.2	803.2	805.0	801.3	798.6	793.0	801.3	794.8
40°	769.0	765.4	769.0	768.1	769.0	770.9	769.0	767.2	761.6	768.1	762.5
42.5°	730.2	729.3	730.2	731.1	731.1	734.9	737.6	734.0	732.0	727.5	731.1
45°	688.7	686.8	688.7	690.6	691.5	693.3	701.6	701.6	698.8	691.5	697.0
47.5°	644.4	639.7	644.4	649.9	649.9	652.7	661.0	667.4	662.9	653.6	656.4
50°	597.3	598.2	597.3	601.0	601.0	611.2	617.6	624.0	628.7	617.6	604.7
52.5°	551.2	550.2	551.2	553.9	557.6	562.2	573.3	579.8	587.1	580.7	560.3
55°	505.0	506.8	505.0	505.9	507.8	510.5	527.1	533.6	547.4	539.1	517.9
57.5°	458.8	456.1	458.8	460.7	461.6	464.4	478.2	490.2	498.5	499.4	473.6
60°	405.3	401.6	405.3	413.6	415.4	417.3	430.2	441.3	448.7	451.4	424.7
62.5°	358.2	351.8	358.2	363.8	367.4	372.0	381.3	397.9	404.3	405.3	367.4
65°	308.3	305.6	308.3	319.4	320.4	325.9	336.1	348.1	361.8	360.0	305.6
67.5°	263.1	263.1	263.1	270.5	276.0	278.8	291.7	297.2	314.8	316.7	254.8
70°	221.5	220.6	221.5	227.1	230.8	237.2	249.2	255.8	269.5	274.2	206.8
72.5°	181.9	181.0	181.9	186.5	190.1	195.7	205.8	213.3	225.3	230.8	160.6
75°	146.8	144.9	146.8	150.5	149.6	156.9	165.3	172.6	183.7	187.4	119.1
77.5°	112.6	112.6	112.6	116.4	116.4	123.7	127.4	136.6	143.1	148.7	87.7
80°	84.0	83.1	84.0	85.0	85.0	88.6	95.1	101.6	107.1	107.1	60.0
82.5°	59.1	57.3	59.1	59.1	59.1	60.9	64.6	66.4	70.2	73.0	37.8
85°	36.9	36.9	36.9	37.8	36.9	38.8	39.7	41.6	41.6	39.7	23.0
87.5°	24.0	23.0	24.0	23.0	23.0	22.1	22.1	22.1	21.2	20.3	12.9
90°	27.1	27.1	27.1	27.1	27.1	36.1	48.1	54.1	46.5	31.3	19.9
92.5°	108.5	86.9	108.5	130.0	135.5	192.0	267.3	305.0	267.8	193.4	137.6
95°	378.1	312.8	378.1	443.3	459.7	603.7	795.6	891.6	753.1	475.8	268.0
97.5°	906.0	781.9	906.0	1030.2	1061.2	1152.3	1273.6	1334.2	1103.2	640.9	294.3
100°	1305.4	1157.5	1305.4	1453.3	1490.2	1483.6	1474.7	1470.3	1213.9	701.0	316.4
102.5°	1698.2	1571.6	1698.2	1824.9	1856.6	1740.7	1586.1	1508.8	1248.7	728.6	338.5
105°	2199.1	2131.0	2199.1	2267.2	2284.2	2024.3	1677.8	1504.6	1252.7	749.0	371.3
107.5°	2527.1	2543.7	2527.1	2510.7	2506.6	2144.1	1660.8	1419.0	1196.9	752.9	419.8
110°	2652.3	2723.3	2652.3	2581.4	2563.7	2158.3	1617.9	1347.7	1147.5	747.1	446.8





TEST NUMBER: P935464

CATALOG NUMBER: SQ4-FA-125U-050D-93050-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2663.4	2772.4	2663.4	2554.5	2527.2	2112.4	1559.3	1282.8	1104.4	747.4	479.7
115°	2592.9	2743.9	2592.9	2441.8	2404.0	2004.4	1471.6	1205.2	1054.9	754.3	528.9
117.5°	2443.1	2610.7	2443.1	2275.5	2233.7	1873.0	1392.1	1151.7	1023.9	768.3	576.6
120°	2322.4	2485.2	2322.4	2159.6	2118.9	1789.3	1350.0	1130.3	1013.4	779.7	604.4
122.5°	2204.9	2365.5	2204.9	2044.3	2004.2	1707.5	1311.8	1114.0	1008.0	796.1	637.2
125°	2037.3	2185.2	2037.3	1889.4	1852.4	1600.3	1264.2	1096.2	1003.5	818.2	679.2
127.5°	1886.5	2011.3	1886.5	1761.7	1730.5	1514.1	1225.5	1081.2	1000.9	840.3	719.8
130°	1797.7	1912.9	1797.7	1682.3	1653.5	1460.8	1203.9	1075.4	1002.4	856.4	746.9
132.5°	1717.0	1820.2	1717.0	1613.7	1587.9	1415.5	1185.5	1070.5	1003.5	869.5	769.0
135°	1606.5	1695.5	1606.5	1517.5	1495.3	1350.8	1158.2	1062.0	1002.6	883.7	794.6
137.5°	1517.9	1590.7	1517.9	1445.0	1426.8	1304.7	1141.9	1060.5	1008.7	905.1	827.5
140°	1457.1	1525.2	1457.1	1389.0	1372.0	1266.5	1125.8	1055.5	1009.7	918.2	849.5
142.5°	1406.7	1465.4	1406.7	1348.2	1333.5	1240.8	1117.3	1055.5	1013.4	929.2	865.9
145°	1331.2	1375.5	1331.2	1286.9	1275.8	1200.0	1098.9	1048.4	1013.4	943.4	890.9
147.5°	1273.3	1310.0	1273.3	1236.5	1227.3	1167.7	1088.1	1048.4	1020.4	964.3	922.3
150°	1236.8	1266.5	1236.8	1207.0	1199.5	1149.1	1082.0	1048.4	1024.0	975.2	938.6
152.5°	1205.5	1228.0	1205.5	1183.0	1177.4	1134.4	1077.0	1048.4	1026.4	982.4	949.4
155°	1169.7	1184.6	1169.7	1154.8	1151.1	1116.8	1071.2	1048.4	1031.6	998.0	972.8
157.5°	1141.2	1151.7	1141.2	1130.8	1128.2	1101.6	1066.1	1048.4	1036.8	1013.7	996.3
160°	1124.4	1130.3	1124.4	1118.3	1116.8	1094.0	1063.6	1048.4	1039.2	1020.8	1007.1
162.5°	1113.3	1118.9	1113.3	1107.6	1106.1	1086.8	1061.2	1048.4	1041.8	1028.5	1018.5
165°	1097.3	1103.3	1097.3	1091.2	1089.8	1076.0	1057.6	1048.4	1045.3	1039.4	1034.9
167.5°	1085.7	1088.3	1085.7	1083.2	1082.6	1073.6	1061.6	1055.5	1053.0	1047.9	1044.2
170°	1082.6	1082.6	1082.6	1082.6	1082.6	1073.6	1061.6	1055.5	1055.3	1055.1	1054.8
172.5°	1074.2	1072.0	1074.2	1076.4	1076.9	1069.8	1060.3	1055.5	1055.5	1055.5	1055.5
175°	1069.1	1069.1	1069.1	1069.1	1069.1	1064.6	1058.6	1055.5	1057.0	1059.8	1062.0
177.5°	1064.5	1062.0	1064.5	1067.0	1067.6	1064.1	1059.3	1056.9	1058.0	1060.3	1062.0
180°	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0



TEST NUMBER: P935464

CATALOG NUMBER: SQ4-FA-125U-050D-93050-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8
2.5°	989.6	984.1	984.1	974.9	971.2	968.4	963.8	950.0	946.2	942.6	948.1
5°	998.0	987.8	980.4	963.8	950.0	944.4	926.9	893.7	871.4	854.8	845.7
7.5°	999.8	986.9	973.0	947.2	913.9	899.2	845.7	784.7	768.1	753.3	744.1
10°	998.0	983.2	963.8	925.0	846.6	820.7	767.2	727.5	717.3	714.5	717.3
12.5°	991.5	977.6	950.9	886.2	776.4	758.8	727.5	704.4	702.5	707.2	732.0
15°	980.4	967.5	936.1	834.6	737.6	724.7	702.5	694.2	704.4	736.7	811.5
17.5°	969.4	954.6	915.8	783.8	708.1	698.8	683.1	699.7	757.0	800.4	825.3
20°	954.6	937.1	892.7	746.8	686.8	678.5	671.1	745.9	789.3	805.0	818.9
22.5°	937.1	918.5	861.3	721.0	664.7	658.3	662.9	771.8	789.3	800.4	812.4
25°	913.9	898.2	824.4	700.7	647.2	639.7	657.3	769.0	779.1	782.0	805.9
27.5°	892.7	872.4	785.6	682.2	626.0	623.1	661.9	757.0	764.4	767.2	793.0
30°	866.9	836.4	742.2	662.9	603.8	602.8	662.9	742.2	740.4	747.7	773.6
32.5°	840.1	782.9	693.3	638.8	582.6	581.6	656.4	720.1	718.3	728.4	747.7
35°	815.2	741.3	626.9	611.2	555.8	556.7	640.6	694.2	695.2	704.4	716.4
37.5°	789.3	705.3	553.9	580.7	529.9	529.9	619.4	670.2	668.4	671.1	687.8
40°	758.8	649.0	489.3	541.0	505.9	503.2	593.6	644.4	637.9	637.0	660.1
42.5°	726.5	587.1	441.3	488.4	478.2	474.5	562.2	613.0	601.0	603.8	633.3
45°	691.5	570.5	404.3	412.7	449.6	446.8	528.0	577.0	568.7	576.0	606.5
47.5°	656.4	537.3	392.3	342.5	419.1	418.2	490.2	541.9	537.3	544.7	577.0
50°	608.3	500.3	391.4	293.6	385.0	388.6	445.0	507.8	507.8	514.2	548.4
52.5°	546.5	455.1	355.4	265.9	345.2	356.3	405.3	478.2	480.0	486.6	516.9
55°	490.2	408.0	329.5	244.7	298.2	322.2	366.5	447.7	451.4	457.9	485.6
57.5°	438.5	339.7	324.0	219.7	254.8	277.9	332.4	418.2	420.0	425.6	452.3
60°	383.1	245.6	297.2	192.9	216.9	234.5	300.9	383.1	389.6	393.2	416.4
62.5°	320.4	178.2	269.5	174.5	198.5	202.2	275.1	349.9	358.2	360.9	374.8
65°	228.0	149.6	229.0	158.8	179.1	180.1	247.4	315.7	323.1	327.7	337.9
67.5°	154.2	121.9	174.5	144.0	164.4	165.3	220.6	276.0	286.2	289.9	296.3
70°	107.1	81.2	129.2	128.3	147.7	149.6	192.0	240.1	249.2	252.0	255.8
72.5°	78.5	65.5	107.1	115.4	130.1	132.1	162.5	199.4	208.7	211.4	213.3
75°	60.0	69.2	86.8	100.7	110.8	111.7	133.0	162.5	168.9	170.8	171.7
77.5°	48.0	64.6	63.7	81.2	90.5	88.6	104.3	125.5	131.0	131.0	131.0
80°	36.0	50.7	48.0	58.2	66.4	64.6	74.8	89.6	91.4	93.2	92.3
82.5°	26.8	32.3	32.3	36.9	44.3	42.5	49.8	58.2	58.2	58.2	60.0
85°	16.6	18.4	14.8	19.4	25.0	24.0	27.7	31.4	32.3	32.3	30.5
87.5°	10.2	8.4	4.6	7.3	11.1	11.1	12.9	13.9	12.9	12.9	12.9
90°	18.5	12.8	7.2	12.8	18.5	19.9	31.3	46.5	54.1	48.1	36.1
92.5°	125.4	77.0	28.5	77.0	125.4	137.6	193.4	267.8	305.0	267.3	192.0
95°	245.8	157.1	68.5	157.1	245.8	268.0	475.8	753.1	891.6	795.6	603.7
97.5°	274.8	196.5	118.3	196.5	274.8	294.3	640.9	1103.2	1334.2	1273.6	1152.3
100°	298.7	227.8	156.8	227.8	298.7	316.4	701.0	1213.9	1470.3	1474.7	1483.6
102.5°	322.0	255.8	189.6	255.8	322.0	338.5	728.6	1248.7	1508.8	1586.1	1740.7
105°	357.3	301.3	245.2	301.3	357.3	371.3	749.0	1252.7	1504.6	1677.8	2024.3
107.5°	406.7	354.4	302.2	354.4	406.7	419.8	752.9	1196.9	1419.0	1660.8	2144.1
110°	435.0	387.8	340.6	387.8	435.0	446.8	747.1	1147.5	1347.7	1617.9	2158.3



TEST NUMBER: P935464

CATALOG NUMBER: SQ4-FA-125U-050D-93050-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	468.4	423.4	378.5	423.4	468.4	479.7	747.4	1104.4	1282.8	1559.3	2112.4
115°	518.5	476.9	435.4	476.9	518.5	528.9	754.3	1054.9	1205.2	1471.6	2004.4
117.5°	567.1	529.5	491.8	529.5	567.1	576.6	768.3	1023.9	1151.7	1392.1	1873.0
120°	595.5	560.1	524.6	560.1	595.5	604.4	779.7	1013.4	1130.3	1350.0	1789.3
122.5°	628.3	592.5	556.7	592.5	628.3	637.2	796.1	1008.0	1114.0	1311.8	1707.5
125°	671.0	638.4	605.8	638.4	671.0	679.2	818.2	1003.5	1096.2	1264.2	1600.3
127.5°	711.6	678.6	645.7	678.6	711.6	719.8	840.3	1000.9	1081.2	1225.5	1514.1
130°	738.0	702.6	667.1	702.6	738.0	746.9	856.4	1002.4	1075.4	1203.9	1460.8
132.5°	760.1	724.7	689.2	724.7	760.1	769.0	869.5	1003.5	1070.5	1185.5	1415.5
135°	786.6	754.3	722.0	754.3	786.6	794.6	883.7	1002.6	1062.0	1158.2	1350.8
137.5°	819.5	787.5	755.4	787.5	819.5	827.5	905.1	1008.7	1060.5	1141.9	1304.7
140°	842.2	812.7	783.3	812.7	842.2	849.5	918.2	1009.7	1055.5	1125.8	1266.5
142.5°	859.1	831.9	804.6	831.9	859.1	865.9	929.2	1013.4	1055.5	1117.3	1240.8
145°	884.9	861.2	837.4	861.2	884.9	890.9	943.4	1013.4	1048.4	1098.9	1200.0
147.5°	916.5	893.4	870.3	893.4	916.5	922.3	964.3	1020.4	1048.4	1088.1	1167.7
150°	933.4	912.6	891.6	912.6	933.4	938.6	975.2	1024.0	1048.4	1082.0	1149.1
152.5°	945.4	929.5	913.7	929.5	945.4	949.4	982.4	1026.4	1048.4	1077.0	1134.4
155°	969.9	958.3	946.5	958.3	969.9	972.8	998.0	1031.6	1048.4	1071.2	1116.8
157.5°	993.5	982.1	970.7	982.1	993.5	996.3	1013.7	1036.8	1048.4	1066.1	1101.6
160°	1004.9	996.0	987.1	996.0	1004.9	1007.1	1020.8	1039.2	1048.4	1063.6	1094.0
162.5°	1016.8	1010.1	1003.5	1010.1	1016.8	1018.5	1028.5	1041.8	1048.4	1061.2	1086.8
165°	1033.4	1027.4	1021.3	1027.4	1033.4	1034.9	1039.4	1045.3	1048.4	1057.6	1076.0
167.5°	1043.4	1040.6	1037.7	1040.6	1043.4	1044.2	1047.9	1053.0	1055.5	1061.6	1073.6
170°	1054.1	1051.2	1048.4	1051.2	1054.1	1054.8	1055.1	1055.3	1055.5	1061.6	1073.6
172.5°	1055.3	1054.7	1054.1	1054.7	1055.3	1055.5	1055.5	1055.5	1055.5	1060.3	1069.8
175°	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1059.8	1057.0	1055.5	1058.6	1064.6
177.5°	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1060.3	1058.0	1056.9	1059.3	1064.1
180°	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0



TEST NUMBER: P935464

CATALOG NUMBER: SQ4-FA-125U-050D-93050-1D-UNV-STD-W-6-5000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8	975.8
2.5°	941.6	938.9	942.6	932.4	942.6	938.9	941.6	948.1	942.6	946.2	950.0
5°	826.3	821.6	806.8	794.8	806.8	821.6	826.3	845.7	854.8	871.4	893.7
7.5°	738.6	734.9	731.1	723.8	731.1	734.9	738.6	744.1	753.3	768.1	784.7
10°	719.2	720.1	725.6	724.7	725.6	720.1	719.2	717.3	714.5	717.3	727.5
12.5°	769.0	777.3	807.8	805.9	807.8	777.3	769.0	732.0	707.2	702.5	704.4
15°	826.3	829.0	835.5	836.4	835.5	829.0	826.3	811.5	736.7	704.4	694.2
17.5°	831.8	832.7	837.3	837.3	837.3	832.7	831.8	825.3	800.4	757.0	699.7
20°	827.2	829.0	838.2	840.1	838.2	829.0	827.2	818.9	805.0	789.3	745.9
22.5°	825.3	829.0	836.4	835.5	836.4	829.0	825.3	812.4	800.4	789.3	771.8
25°	816.1	816.1	817.0	817.9	817.0	816.1	816.1	805.9	782.0	779.1	769.0
27.5°	796.7	798.6	804.1	803.2	804.1	798.6	796.7	793.0	767.2	764.4	757.0
30°	779.1	777.3	772.7	769.0	772.7	777.3	779.1	773.6	747.7	740.4	742.2
32.5°	749.7	745.0	740.4	737.6	740.4	745.0	749.7	747.7	728.4	718.3	720.1
35°	714.5	715.4	714.5	711.8	714.5	715.4	714.5	716.4	704.4	695.2	694.2
37.5°	689.6	691.5	690.6	686.8	690.6	691.5	689.6	687.8	671.1	668.4	670.2
40°	663.8	664.7	663.8	661.0	663.8	664.7	663.8	660.1	637.0	637.9	644.4
42.5°	638.8	637.9	635.1	633.3	635.1	637.9	638.8	633.3	603.8	601.0	613.0
45°	610.3	611.2	605.6	602.8	605.6	611.2	610.3	606.5	576.0	568.7	577.0
47.5°	581.6	581.6	577.0	574.2	577.0	581.6	581.6	577.0	544.7	537.3	541.9
50°	551.2	550.2	543.7	542.8	543.7	550.2	551.2	548.4	514.2	507.8	507.8
52.5°	516.0	516.0	516.9	518.9	516.9	516.0	516.0	516.9	486.6	480.0	478.2
55°	485.6	486.6	493.0	494.8	493.0	486.6	485.6	485.6	457.9	451.4	447.7
57.5°	454.2	454.2	458.8	458.8	458.8	454.2	454.2	452.3	425.6	420.0	418.2
60°	418.2	420.0	423.7	422.8	423.7	420.0	418.2	416.4	393.2	389.6	383.1
62.5°	380.4	382.2	383.1	381.3	383.1	382.2	380.4	374.8	360.9	358.2	349.9
65°	340.6	342.5	343.4	341.6	343.4	342.5	340.6	337.9	327.7	323.1	315.7
67.5°	300.0	299.1	298.2	301.9	298.2	299.1	300.0	296.3	289.9	286.2	276.0
70°	258.5	258.5	257.6	259.4	257.6	258.5	258.5	255.8	252.0	249.2	240.1
72.5°	214.2	213.3	216.9	214.2	216.9	213.3	214.2	213.3	211.4	208.7	199.4
75°	170.8	172.6	170.8	173.5	170.8	172.6	170.8	171.7	170.8	168.9	162.5
77.5°	130.1	132.1	130.1	130.1	130.1	132.1	130.1	131.0	131.0	131.0	125.5
80°	92.3	91.4	91.4	90.5	91.4	91.4	92.3	92.3	93.2	91.4	89.6
82.5°	59.1	58.2	58.2	60.0	58.2	58.2	59.1	60.0	58.2	58.2	58.2
85°	32.3	33.2	31.4	31.4	31.4	33.2	32.3	30.5	32.3	32.3	31.4
87.5°	12.0	11.1	11.1	11.1	11.1	11.1	12.0	12.9	12.9	12.9	13.9
90°	27.1	27.1	27.1	27.1	27.1	27.1	27.1	36.1	48.1	54.1	46.5
92.5°	135.5	130.0	108.5	86.9	108.5	130.0	135.5	192.0	267.3	305.0	267.8
95°	459.7	443.3	378.1	312.8	378.1	443.3	459.7	603.7	795.6	891.6	753.1
97.5°	1061.2	1030.2	906.0	781.9	906.0	1030.2	1061.2	1152.3	1273.6	1334.2	1103.2
100°	1490.2	1453.3	1305.4	1157.5	1305.4	1453.3	1490.2	1483.6	1474.7	1470.3	1213.9
102.5°	1856.6	1824.9	1698.2	1571.6	1698.2	1824.9	1856.6	1740.7	1586.1	1508.8	1248.7
105°	2284.2	2267.2	2199.1	2131.0	2199.1	2267.2	2284.2	2024.3	1677.8	1504.6	1252.7
107.5°	2506.6	2510.7	2527.1	2543.7	2527.1	2510.7	2506.6	2144.1	1660.8	1419.0	1196.9
110°	2563.7	2581.4	2652.3	2723.3	2652.3	2581.4	2563.7	2158.3	1617.9	1347.7	1147.5



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2527.2	2554.5	2663.4	2772.4	2663.4	2554.5	2527.2	2112.4	1559.3	1282.8	1104.4
115°	2404.0	2441.8	2592.9	2743.9	2592.9	2441.8	2404.0	2004.4	1471.6	1205.2	1054.9
117.5°	2233.7	2275.5	2443.1	2610.7	2443.1	2275.5	2233.7	1873.0	1392.1	1151.7	1023.9
120°	2118.9	2159.6	2322.4	2485.2	2322.4	2159.6	2118.9	1789.3	1350.0	1130.3	1013.4
122.5°	2004.2	2044.3	2204.9	2365.5	2204.9	2044.3	2004.2	1707.5	1311.8	1114.0	1008.0
125°	1852.4	1889.4	2037.3	2185.2	2037.3	1889.4	1852.4	1600.3	1264.2	1096.2	1003.5
127.5°	1730.5	1761.7	1886.5	2011.3	1886.5	1761.7	1730.5	1514.1	1225.5	1081.2	1000.9
130°	1653.5	1682.3	1797.7	1912.9	1797.7	1682.3	1653.5	1460.8	1203.9	1075.4	1002.4
132.5°	1587.9	1613.7	1717.0	1820.2	1717.0	1613.7	1587.9	1415.5	1185.5	1070.5	1003.5
135°	1495.3	1517.5	1606.5	1695.5	1606.5	1517.5	1495.3	1350.8	1158.2	1062.0	1002.6
137.5°	1426.8	1445.0	1517.9	1590.7	1517.9	1445.0	1426.8	1304.7	1141.9	1060.5	1008.7
140°	1372.0	1389.0	1457.1	1525.2	1457.1	1389.0	1372.0	1266.5	1125.8	1055.5	1009.7
142.5°	1333.5	1348.2	1406.7	1465.4	1406.7	1348.2	1333.5	1240.8	1117.3	1055.5	1013.4
145°	1275.8	1286.9	1331.2	1375.5	1331.2	1286.9	1275.8	1200.0	1098.9	1048.4	1013.4
147.5°	1227.3	1236.5	1273.3	1310.0	1273.3	1236.5	1227.3	1167.7	1088.1	1048.4	1020.4
150°	1199.5	1207.0	1236.8	1266.5	1236.8	1207.0	1199.5	1149.1	1082.0	1048.4	1024.0
152.5°	1177.4	1183.0	1205.5	1228.0	1205.5	1183.0	1177.4	1134.4	1077.0	1048.4	1026.4
155°	1151.1	1154.8	1169.7	1184.6	1169.7	1154.8	1151.1	1116.8	1071.2	1048.4	1031.6
157.5°	1128.2	1130.8	1141.2	1151.7	1141.2	1130.8	1128.2	1101.6	1066.1	1048.4	1036.8
160°	1116.8	1118.3	1124.4	1130.3	1124.4	1118.3	1116.8	1094.0	1063.6	1048.4	1039.2
162.5°	1106.1	1107.6	1113.3	1118.9	1113.3	1107.6	1106.1	1086.8	1061.2	1048.4	1041.8
165°	1089.8	1091.2	1097.3	1103.3	1097.3	1091.2	1089.8	1076.0	1057.6	1048.4	1045.3
167.5°	1082.6	1083.2	1085.7	1088.3	1085.7	1083.2	1082.6	1073.6	1061.6	1055.5	1053.0
170°	1082.6	1082.6	1082.6	1082.6	1082.6	1082.6	1082.6	1073.6	1061.6	1055.5	1055.3
172.5°	1076.9	1076.4	1074.2	1072.0	1074.2	1076.4	1076.9	1069.8	1060.3	1055.5	1055.5
175°	1069.1	1069.1	1069.1	1069.1	1069.1	1069.1	1069.1	1064.6	1058.6	1055.5	1057.0
177.5°	1067.6	1067.0	1064.5	1062.0	1064.5	1067.0	1067.6	1064.1	1059.3	1056.9	1058.0
180°	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0	1062.0



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	975.8	975.8	975.8	975.8	975.8
2.5°	963.8	968.4	971.2	974.9	984.1
5°	926.9	944.4	950.0	963.8	980.4
7.5°	845.7	899.2	913.9	947.2	973.0
10°	767.2	820.7	846.6	925.0	963.8
12.5°	727.5	758.8	776.4	886.2	950.9
15°	702.5	724.7	737.6	834.6	936.1
17.5°	683.1	698.8	708.1	783.8	915.8
20°	671.1	678.5	686.8	746.8	892.7
22.5°	662.9	658.3	664.7	721.0	861.3
25°	657.3	639.7	647.2	700.7	824.4
27.5°	661.9	623.1	626.0	682.2	785.6
30°	662.9	602.8	603.8	662.9	742.2
32.5°	656.4	581.6	582.6	638.8	693.3
35°	640.6	556.7	555.8	611.2	626.9
37.5°	619.4	529.9	529.9	580.7	553.9
40°	593.6	503.2	505.9	541.0	489.3
42.5°	562.2	474.5	478.2	488.4	441.3
45°	528.0	446.8	449.6	412.7	404.3
47.5°	490.2	418.2	419.1	342.5	392.3
50°	445.0	388.6	385.0	293.6	391.4
52.5°	405.3	356.3	345.2	265.9	355.4
55°	366.5	322.2	298.2	244.7	329.5
57.5°	332.4	277.9	254.8	219.7	324.0
60°	300.9	234.5	216.9	192.9	297.2
62.5°	275.1	202.2	198.5	174.5	269.5
65°	247.4	180.1	179.1	158.8	229.0
67.5°	220.6	165.3	164.4	144.0	174.5
70°	192.0	149.6	147.7	128.3	129.2
72.5°	162.5	132.1	130.1	115.4	107.1
75°	133.0	111.7	110.8	100.7	86.8
77.5°	104.3	88.6	90.5	81.2	63.7
80°	74.8	64.6	66.4	58.2	48.0
82.5°	49.8	42.5	44.3	36.9	32.3
85°	27.7	24.0	25.0	19.4	14.8
87.5°	12.9	11.1	11.1	7.3	4.6
90°	31.3	19.9	18.5	12.8	7.2
92.5°	193.4	137.6	125.4	77.0	28.5
95°	475.8	268.0	245.8	157.1	68.5
97.5°	640.9	294.3	274.8	196.5	118.3
100°	701.0	316.4	298.7	227.8	156.8
102.5°	728.6	338.5	322.0	255.8	189.6
105°	749.0	371.3	357.3	301.3	245.2
107.5°	752.9	419.8	406.7	354.4	302.2
110°	747.1	446.8	435.0	387.8	340.6



TEST NUMBER: P935464

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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	747.4	479.7	468.4	423.4	378.5
115°	754.3	528.9	518.5	476.9	435.4
117.5°	768.3	576.6	567.1	529.5	491.8
120°	779.7	604.4	595.5	560.1	524.6
122.5°	796.1	637.2	628.3	592.5	556.7
125°	818.2	679.2	671.0	638.4	605.8
127.5°	840.3	719.8	711.6	678.6	645.7
130°	856.4	746.9	738.0	702.6	667.1
132.5°	869.5	769.0	760.1	724.7	689.2
135°	883.7	794.6	786.6	754.3	722.0
137.5°	905.1	827.5	819.5	787.5	755.4
140°	918.2	849.5	842.2	812.7	783.3
142.5°	929.2	865.9	859.1	831.9	804.6
145°	943.4	890.9	884.9	861.2	837.4
147.5°	964.3	922.3	916.5	893.4	870.3
150°	975.2	938.6	933.4	912.6	891.6
152.5°	982.4	949.4	945.4	929.5	913.7
155°	998.0	972.8	969.9	958.3	946.5
157.5°	1013.7	996.3	993.5	982.1	970.7
160°	1020.8	1007.1	1004.9	996.0	987.1
162.5°	1028.5	1018.5	1016.8	1010.1	1003.5
165°	1039.4	1034.9	1033.4	1027.4	1021.3
167.5°	1047.9	1044.2	1043.4	1040.6	1037.7
170°	1055.1	1054.8	1054.1	1051.2	1048.4
172.5°	1055.5	1055.5	1055.3	1054.7	1054.1
175°	1059.8	1062.0	1062.0	1062.0	1062.0
177.5°	1060.3	1062.0	1062.0	1062.0	1062.0
180°	1062.0	1062.0	1062.0	1062.0	1062.0



TEST NUMBER: P935464  
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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	8.39	9.08	9.53	10.20	11.77	11.22	11.90	12.35	13.03	14.60
	3H	8.86	9.47	10.00	10.60	12.19	12.55	13.16	13.69	14.29	15.88
	4H	9.04	9.62	10.19	10.76	12.34	12.98	13.57	14.13	14.70	16.29
	6H	9.15	9.69	10.31	10.82	12.42	13.26	13.79	14.41	14.93	16.53
	8H	9.15	9.66	10.31	10.81	12.40	13.33	13.84	14.49	14.99	16.58
	12H	9.11	9.59	10.28	10.74	12.35	13.36	13.84	14.52	14.99	16.60
4H	2H	9.40	9.99	10.56	11.12	12.71	11.61	12.19	12.76	13.32	14.91
	3H	10.41	10.90	11.58	12.06	13.66	13.09	13.58	14.26	14.74	16.34
	4H	10.68	11.13	11.85	12.28	13.90	13.61	14.06	14.78	15.21	16.83
	6H	10.80	11.18	11.97	12.35	13.96	13.97	14.35	15.14	15.52	17.13
	8H	10.80	11.16	11.97	12.32	13.94	14.07	14.42	15.24	15.59	17.21
	12H	10.76	11.08	11.94	12.25	13.88	14.11	14.44	15.30	15.61	17.24
8H	4H	11.12	11.48	12.29	12.64	14.26	13.72	14.08	14.89	15.24	16.87
	6H	11.37	11.67	12.56	12.87	14.50	14.15	14.44	15.34	15.65	17.27
	8H	11.42	11.67	12.61	12.85	14.50	14.30	14.56	15.49	15.74	17.38
	12H	11.39	11.62	12.59	12.80	14.47	14.39	14.61	15.59	15.79	17.47
12H	4H	11.12	11.44	12.30	12.61	14.24	13.68	14.00	14.86	15.18	16.81
	6H	11.43	11.69	12.63	12.87	14.51	14.15	14.40	15.34	15.58	17.23
	8H	11.49	11.72	12.69	12.90	14.57	14.30	14.52	15.50	15.70	17.38