

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: P935446

Luminaire Tested: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-4000K

Issue Date: 12/17/2024

**Test Information**

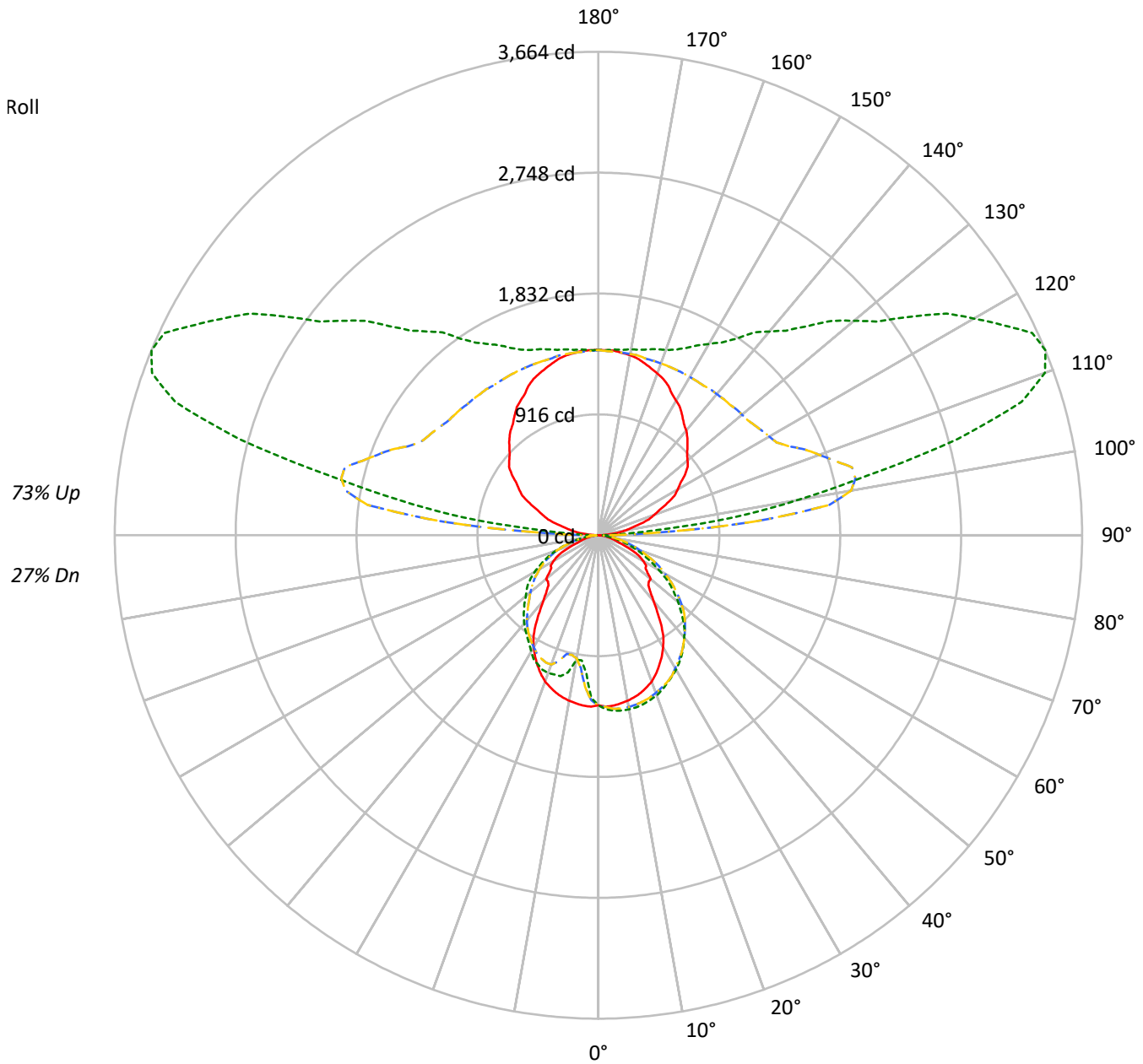
Test Method: LM-79-2019  
Report Number: P935446  
REPORT IS A COMBINATION OF REPORTS P933756 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-4000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12447.5 lumens  
Efficiency: N/A  
Efficacy: 130.8 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: Semi-Indirect  
  
Input Watts (W): 95.2  
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: P935446  
CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-4000K

### Luminous Intensity Polar Plot



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





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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	116.4	0.9
10°-20°	330.5	2.7
20°-30°	510.9	4.1
30°-40°	610.0	4.9
40°-50°	613.5	4.9
50°-60°	533.8	4.3
60°-70°	378.5	3.0
70°-80°	200.2	1.6
80°-90°	55.2	0.4
90°-100°	684.1	5.5
100°-110°	1798.6	14.4
110°-120°	1865.0	15.0
120°-130°	1495.9	12.0
130°-140°	1173.8	9.4
140°-150°	900.9	7.2
150°-160°	648.8	5.2
160°-170°	397.0	3.2
170°-180°	134.1	1.1
0°-30°	957.9	7.7
0°-40°	1567.8	12.6
0°-60°	2715.2	21.8
0°-90°	3349.2	26.9
90°-120°	4347.7	34.9
90°-150°	7918.4	63.6
90°-180°	9098.0	73.1
0°-180°	12447.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1290	1290	1290	1290	1290	
5°	1296	1336	1296	1050	1296	123
15°	1237	1324	1237	1105	1237	348
25°	1090	1235	1090	1081	1090	500
35°	828	1102	828	941	828	513
45°	534	908	534	797	534	428
55°	436	670	436	654	436	400
65°	302	404	302	452	302	289
75°	115	192	115	229	115	121
85°	20	49	20	42	20	26
90°	10	36	10	36	10	9
95°	90	414	90	414	90	100
105°	324	2816	324	2816	324	343
115°	576	3626	576	3626	576	568
125°	801	2888	801	2888	801	711
135°	954	2241	954	2241	954	738
145°	1107	1818	1107	1818	1107	693
155°	1251	1566	1251	1566	1251	575
165°	1350	1458	1350	1458	1350	381
175°	1404	1413	1404	1413	1404	133
180°	1404	1404	1404	1404	1404	



TEST NUMBER: P935446

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-4000K

**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7
2.5°	1300.6	1300.6	1308.0	1310.4	1310.4	1306.7	1303.1	1306.7	1317.7	1321.3	1320.2
5°	1295.8	1305.5	1319.0	1321.3	1323.8	1322.6	1320.2	1322.6	1334.8	1337.3	1338.4
7.5°	1286.0	1304.3	1321.3	1325.1	1328.7	1325.1	1323.8	1326.3	1338.4	1340.9	1340.9
10°	1273.8	1299.4	1319.0	1321.3	1325.1	1321.3	1321.3	1326.3	1338.4	1340.9	1342.1
12.5°	1256.7	1292.0	1310.4	1312.8	1317.7	1316.5	1315.2	1320.2	1332.3	1334.8	1334.8
15°	1237.2	1278.7	1295.8	1298.1	1306.7	1304.3	1304.3	1309.1	1322.6	1326.3	1325.1
17.5°	1210.4	1261.6	1281.1	1284.8	1290.9	1289.7	1290.9	1295.8	1308.0	1310.4	1311.6
20°	1179.8	1238.4	1261.6	1265.2	1271.3	1271.3	1271.3	1277.4	1289.7	1294.5	1294.5
22.5°	1138.3	1214.0	1238.4	1240.8	1248.2	1248.2	1250.6	1259.1	1270.1	1271.3	1271.3
25°	1089.6	1187.2	1207.9	1215.2	1222.6	1226.2	1229.8	1234.7	1238.4	1237.2	1238.4
27.5°	1038.4	1153.0	1179.8	1184.7	1194.4	1198.2	1203.0	1204.3	1205.5	1209.1	1206.7
30°	981.0	1105.4	1145.7	1150.6	1166.4	1168.9	1164.0	1166.4	1172.5	1175.0	1177.4
32.5°	916.3	1034.6	1110.3	1121.3	1136.0	1128.6	1127.4	1131.0	1140.8	1140.8	1143.2
35°	828.4	979.8	1077.4	1087.1	1098.1	1089.6	1094.5	1095.7	1101.8	1105.4	1104.2
37.5°	732.1	932.2	1043.2	1050.5	1059.1	1048.1	1055.4	1059.1	1063.9	1061.5	1061.5
40°	646.7	857.7	1003.0	1007.8	1015.2	1006.6	1013.9	1016.3	1018.8	1016.3	1015.2
42.5°	583.2	776.0	960.2	966.3	961.4	967.6	969.9	974.9	971.2	966.3	966.3
45°	534.4	754.0	913.8	921.2	913.8	923.6	927.3	927.3	916.3	913.8	912.6
47.5°	518.6	710.1	867.5	867.5	863.8	876.1	882.2	873.6	862.6	859.0	859.0
50°	517.3	661.3	804.0	799.2	816.2	830.9	824.8	816.2	807.7	794.3	794.3
52.5°	469.7	601.5	722.3	740.6	767.5	776.0	766.2	757.7	743.1	736.9	732.1
55°	435.5	539.3	647.8	684.5	712.5	723.5	705.2	696.7	674.7	671.0	668.6
57.5°	428.3	449.0	579.5	625.9	660.0	658.9	647.8	632.0	613.7	610.1	608.8
60°	392.9	324.6	506.3	561.2	596.6	593.0	583.2	568.5	551.5	549.1	546.6
62.5°	356.3	235.5	423.3	485.6	535.6	534.4	525.9	503.9	491.7	485.6	480.7
65°	302.5	197.7	301.4	403.9	475.8	478.3	460.0	444.1	430.7	423.3	422.2
67.5°	230.6	161.1	203.8	336.7	418.5	416.1	392.9	385.6	368.5	364.9	357.5
70°	170.8	107.3	141.5	273.3	362.4	356.3	337.9	329.5	313.6	305.0	300.2
72.5°	141.5	86.6	103.7	212.3	305.0	297.7	281.8	272.1	258.7	251.3	246.4
75°	114.7	91.5	79.3	157.4	247.7	242.8	228.1	218.4	207.4	197.7	198.8
77.5°	84.2	85.4	63.4	115.9	196.5	189.1	180.6	168.4	163.5	153.7	153.7
80°	63.4	67.1	47.6	79.3	141.5	141.5	134.2	125.7	117.2	112.2	112.2
82.5°	42.7	42.7	35.4	50.0	96.4	92.7	87.9	85.4	80.5	78.0	78.0
85°	19.6	24.4	21.9	30.5	52.5	54.9	54.9	52.5	51.2	48.8	50.0
87.5°	6.1	11.0	13.5	17.1	26.8	28.1	29.3	29.3	29.3	30.5	30.5
90°	9.5	17.0	24.5	26.4	41.5	61.6	71.6	63.6	47.7	35.7	35.7
92.5°	37.7	101.7	165.8	181.8	255.6	353.9	403.2	353.3	253.7	178.9	171.8
95°	90.4	207.7	324.9	354.2	628.9	995.2	1178.3	1051.5	797.8	607.5	586.0
97.5°	156.4	259.8	363.2	389.1	847.1	1458.0	1763.3	1683.2	1522.8	1402.6	1361.5
100°	207.2	301.0	394.8	418.3	926.6	1604.3	1943.3	1949.1	1960.8	1969.6	1920.8
102.5°	250.5	338.0	425.5	447.5	963.0	1650.4	1994.1	2096.3	2300.6	2453.7	2411.9
105°	324.0	398.1	472.2	490.7	990.0	1655.6	1988.5	2217.4	2675.4	3018.9	2996.4
107.5°	399.4	468.5	537.5	554.8	995.0	1581.9	1875.4	2194.9	2833.7	3312.8	3318.3
110°	450.3	512.7	575.1	590.6	987.5	1516.6	1781.3	2138.4	2852.5	3388.1	3411.6



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	500.2	559.6	619.1	633.9	987.8	1459.6	1695.5	2061.0	2791.9	3340.1	3376.1
115°	575.5	630.4	685.1	698.9	996.9	1394.2	1592.9	1944.9	2649.0	3177.2	3227.1
117.5°	649.9	699.8	749.5	762.0	1015.4	1353.3	1522.2	1839.9	2475.4	2952.0	3007.4
120°	693.2	740.2	787.0	798.8	1030.4	1339.4	1493.9	1784.3	2364.9	2800.4	2854.2
122.5°	735.6	782.9	830.2	842.1	1052.1	1332.2	1472.2	1733.7	2256.6	2648.8	2701.8
125°	800.7	843.8	886.9	897.6	1081.3	1326.3	1448.7	1670.8	2115.0	2448.1	2497.0
127.5°	853.4	897.0	940.5	951.4	1110.6	1322.8	1428.9	1619.6	2001.0	2287.0	2328.2
130°	881.6	928.6	975.4	987.1	1131.9	1324.9	1421.4	1591.1	1930.7	2185.3	2223.4
132.5°	910.8	957.8	1004.6	1016.3	1149.1	1326.3	1414.8	1566.8	1870.7	2098.6	2132.7
135°	954.2	996.9	1039.6	1050.3	1168.0	1325.0	1403.5	1530.7	1785.3	1976.2	2005.6
137.5°	998.4	1040.7	1083.0	1093.6	1196.3	1333.2	1401.6	1509.2	1724.4	1885.8	1909.9
140°	1035.2	1074.1	1113.0	1122.8	1213.5	1334.5	1395.0	1488.0	1673.8	1813.3	1835.7
142.5°	1063.5	1099.5	1135.4	1144.4	1227.9	1339.3	1395.0	1476.6	1639.9	1762.3	1781.7
145°	1106.8	1138.1	1169.6	1177.4	1246.8	1339.3	1385.6	1452.3	1586.0	1686.1	1700.7
147.5°	1150.1	1180.7	1211.3	1218.9	1274.5	1348.5	1385.6	1438.1	1543.2	1622.1	1634.2
150°	1178.3	1206.0	1233.6	1240.6	1288.9	1353.4	1385.6	1429.9	1518.7	1585.3	1595.1
152.5°	1207.5	1228.5	1249.4	1254.7	1298.3	1356.5	1385.6	1423.5	1499.3	1556.1	1563.6
155°	1250.9	1266.4	1281.9	1285.8	1319.1	1363.4	1385.6	1415.8	1476.1	1521.3	1526.2
157.5°	1283.0	1298.0	1313.1	1316.8	1339.7	1370.3	1385.6	1409.0	1455.9	1491.1	1494.5
160°	1304.6	1316.3	1328.1	1331.0	1349.2	1373.5	1385.6	1405.7	1445.9	1476.0	1478.0
162.5°	1326.3	1335.0	1343.8	1346.0	1359.2	1376.7	1385.6	1402.5	1436.4	1461.9	1463.8
165°	1349.8	1357.8	1365.7	1367.7	1373.6	1381.6	1385.6	1397.7	1422.0	1440.2	1442.2
167.5°	1371.5	1375.2	1379.0	1379.9	1384.9	1391.7	1395.0	1402.9	1418.9	1430.8	1431.6
170°	1385.6	1389.4	1393.2	1394.1	1394.4	1394.8	1395.0	1402.9	1418.9	1430.8	1430.8
172.5°	1393.1	1393.9	1394.8	1395.0	1395.0	1395.0	1395.0	1401.3	1413.8	1423.3	1422.6
175°	1403.5	1403.5	1403.5	1403.5	1400.7	1396.9	1395.0	1399.0	1406.9	1412.9	1412.9
177.5°	1403.5	1403.5	1403.5	1403.5	1401.3	1398.4	1396.9	1400.0	1406.3	1411.0	1410.2
180°	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7
2.5°	1322.6	1319.0	1322.6	1320.2	1321.3	1317.7	1306.7	1303.1	1306.7	1310.4	1310.4
5°	1338.4	1336.0	1338.4	1338.4	1337.3	1334.8	1322.6	1320.2	1322.6	1323.8	1321.3
7.5°	1343.4	1339.7	1343.4	1340.9	1340.9	1338.4	1326.3	1323.8	1325.1	1328.7	1325.1
10°	1343.4	1339.7	1343.4	1342.1	1340.9	1338.4	1326.3	1321.3	1321.3	1325.1	1321.3
12.5°	1337.3	1334.8	1337.3	1334.8	1334.8	1332.3	1320.2	1315.2	1316.5	1317.7	1312.8
15°	1327.4	1323.8	1327.4	1325.1	1326.3	1322.6	1309.1	1304.3	1304.3	1306.7	1298.1
17.5°	1312.8	1308.0	1312.8	1311.6	1310.4	1308.0	1295.8	1290.9	1289.7	1290.9	1284.8
20°	1295.8	1292.0	1295.8	1294.5	1294.5	1289.7	1277.4	1271.3	1271.3	1271.3	1265.2
22.5°	1268.9	1265.2	1268.9	1271.3	1271.3	1270.1	1259.1	1250.6	1248.2	1248.2	1240.8
25°	1238.4	1234.7	1238.4	1238.4	1237.2	1238.4	1234.7	1229.8	1226.2	1222.6	1215.2
27.5°	1209.1	1206.7	1209.1	1206.7	1209.1	1205.5	1204.3	1203.0	1198.2	1194.4	1184.7
30°	1179.8	1177.4	1179.8	1177.4	1175.0	1172.5	1166.4	1164.0	1168.9	1166.4	1150.6
32.5°	1143.2	1140.8	1143.2	1143.2	1140.8	1140.8	1131.0	1127.4	1128.6	1136.0	1121.3
35°	1105.4	1101.8	1105.4	1104.2	1105.4	1101.8	1095.7	1094.5	1089.6	1098.1	1087.1
37.5°	1061.5	1057.8	1061.5	1061.5	1061.5	1063.9	1059.1	1055.4	1048.1	1059.1	1050.5
40°	1016.3	1011.4	1016.3	1015.2	1016.3	1018.8	1016.3	1013.9	1006.6	1015.2	1007.8
42.5°	965.1	963.9	965.1	966.3	966.3	971.2	974.9	969.9	967.6	961.4	966.3
45°	910.2	907.7	910.2	912.6	913.8	916.3	927.3	927.3	923.6	913.8	921.2
47.5°	851.6	845.5	851.6	859.0	859.0	862.6	873.6	882.2	876.1	863.8	867.5
50°	789.4	790.7	789.4	794.3	794.3	807.7	816.2	824.8	830.9	816.2	799.2
52.5°	728.4	727.2	728.4	732.1	736.9	743.1	757.7	766.2	776.0	767.5	740.6
55°	667.4	669.9	667.4	668.6	671.0	674.7	696.7	705.2	723.5	712.5	684.5
57.5°	606.4	602.7	606.4	608.8	610.1	613.7	632.0	647.8	658.9	660.0	625.9
60°	535.6	530.8	535.6	546.6	549.1	551.5	568.5	583.2	593.0	596.6	561.2
62.5°	473.4	464.8	473.4	480.7	485.6	491.7	503.9	525.9	534.4	535.6	485.6
65°	407.5	403.9	407.5	422.2	423.3	430.7	444.1	460.0	478.3	475.8	403.9
67.5°	347.8	347.8	347.8	357.5	364.9	368.5	385.6	392.9	416.1	418.5	336.7
70°	292.8	291.6	292.8	300.2	305.0	313.6	329.5	337.9	356.3	362.4	273.3
72.5°	240.3	239.1	240.3	246.4	251.3	258.7	272.1	281.8	297.7	305.0	212.3
75°	194.0	191.6	194.0	198.8	197.7	207.4	218.4	228.1	242.8	247.7	157.4
77.5°	148.8	148.8	148.8	153.7	153.7	163.5	168.4	180.6	189.1	196.5	115.9
80°	111.1	109.8	111.1	112.2	112.2	117.2	125.7	134.2	141.5	141.5	79.3
82.5°	78.0	75.7	78.0	78.0	78.0	80.5	85.4	87.9	92.7	96.4	50.0
85°	48.8	48.8	48.8	50.0	48.8	51.2	52.5	54.9	54.9	52.5	30.5
87.5°	31.7	30.5	31.7	30.5	30.5	29.3	29.3	29.3	28.1	26.8	17.1
90°	35.7	35.7	35.7	35.7	35.7	47.7	63.6	71.6	61.6	41.5	26.4
92.5°	143.4	114.9	143.4	171.8	178.9	253.7	353.3	403.2	353.9	255.6	181.8
95°	499.8	413.5	499.8	586.0	607.5	797.8	1051.5	1178.3	995.2	628.9	354.2
97.5°	1197.4	1033.3	1197.4	1361.5	1402.6	1522.8	1683.2	1763.3	1458.0	847.1	389.1
100°	1725.2	1529.7	1725.2	1920.8	1969.6	1960.8	1949.1	1943.3	1604.3	926.6	418.3
102.5°	2244.4	2077.0	2244.4	2411.9	2453.7	2300.6	2096.3	1994.1	1650.4	963.0	447.5
105°	2906.4	2816.4	2906.4	2996.4	3018.9	2675.4	2217.4	1988.5	1655.6	990.0	490.7
107.5°	3340.0	3361.7	3340.0	3318.3	3312.8	2833.7	2194.9	1875.4	1581.9	995.0	554.8
110°	3505.4	3599.2	3505.4	3411.6	3388.1	2852.5	2138.4	1781.3	1516.6	987.5	590.6





TEST NUMBER: P935446

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-4000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3520.1	3664.1	3520.1	3376.1	3340.1	2791.9	2061.0	1695.5	1459.6	987.8	633.9
115°	3426.8	3626.4	3426.8	3227.1	3177.2	2649.0	1944.9	1592.9	1394.2	996.9	698.9
117.5°	3228.8	3450.3	3228.8	3007.4	2952.0	2475.4	1839.9	1522.2	1353.3	1015.4	762.0
120°	3069.4	3284.5	3069.4	2854.2	2800.4	2364.9	1784.3	1493.9	1339.4	1030.4	798.8
122.5°	2914.1	3126.3	2914.1	2701.8	2648.8	2256.6	1733.7	1472.2	1332.2	1052.1	842.1
125°	2692.5	2888.0	2692.5	2497.0	2448.1	2115.0	1670.8	1448.7	1326.3	1081.3	897.6
127.5°	2493.2	2658.1	2493.2	2328.2	2287.0	2001.0	1619.6	1428.9	1322.8	1110.6	951.4
130°	2375.8	2528.2	2375.8	2223.4	2185.3	1930.7	1591.1	1421.4	1324.9	1131.9	987.1
132.5°	2269.3	2405.7	2269.3	2132.7	2098.6	1870.7	1566.8	1414.8	1326.3	1149.1	1016.3
135°	2123.3	2240.9	2123.3	2005.6	1976.2	1785.3	1530.7	1403.5	1325.0	1168.0	1050.3
137.5°	2006.1	2102.4	2006.1	1909.9	1885.8	1724.4	1509.2	1401.6	1333.2	1196.3	1093.6
140°	1925.8	2015.8	1925.8	1835.7	1813.3	1673.8	1488.0	1395.0	1334.5	1213.5	1122.8
142.5°	1859.1	1936.6	1859.1	1781.7	1762.3	1639.9	1476.6	1395.0	1339.3	1227.9	1144.4
145°	1759.3	1817.9	1759.3	1700.7	1686.1	1586.0	1452.3	1385.6	1339.3	1246.8	1177.4
147.5°	1682.7	1731.3	1682.7	1634.2	1622.1	1543.2	1438.1	1385.6	1348.5	1274.5	1218.9
150°	1634.5	1673.8	1634.5	1595.1	1585.3	1518.7	1429.9	1385.6	1353.4	1288.9	1240.6
152.5°	1593.2	1623.0	1593.2	1563.6	1556.1	1499.3	1423.5	1385.6	1356.5	1298.3	1254.7
155°	1545.8	1565.5	1545.8	1526.2	1521.3	1476.1	1415.8	1385.6	1363.4	1319.1	1285.8
157.5°	1508.4	1522.2	1508.4	1494.5	1491.1	1455.9	1409.0	1385.6	1370.3	1339.7	1316.8
160°	1485.9	1493.9	1485.9	1478.0	1476.0	1445.9	1405.7	1385.6	1373.5	1349.2	1331.0
162.5°	1471.3	1478.9	1471.3	1463.8	1461.9	1436.4	1402.5	1385.6	1376.7	1359.2	1346.0
165°	1450.1	1458.1	1450.1	1442.2	1440.2	1422.0	1397.7	1385.6	1381.6	1373.6	1367.7
167.5°	1435.0	1438.3	1435.0	1431.6	1430.8	1418.9	1402.9	1395.0	1391.7	1384.9	1379.9
170°	1430.8	1430.8	1430.8	1430.8	1430.8	1418.9	1402.9	1395.0	1394.8	1394.4	1394.1
172.5°	1419.6	1416.7	1419.6	1422.6	1423.3	1413.8	1401.3	1395.0	1395.0	1395.0	1395.0
175°	1412.9	1412.9	1412.9	1412.9	1412.9	1406.9	1399.0	1395.0	1396.9	1400.7	1403.5
177.5°	1406.8	1403.5	1406.8	1410.2	1411.0	1406.3	1400.0	1396.9	1398.4	1401.3	1403.5
180°	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5



TEST NUMBER: P935446

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-4000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7
2.5°	1308.0	1300.6	1300.6	1288.4	1283.6	1279.9	1273.8	1255.5	1250.6	1245.7	1253.0
5°	1319.0	1305.5	1295.8	1273.8	1255.5	1248.2	1225.0	1181.1	1151.8	1129.8	1117.6
7.5°	1321.3	1304.3	1286.0	1251.8	1207.9	1188.3	1117.6	1037.1	1015.2	995.6	983.4
10°	1319.0	1299.4	1273.8	1222.6	1118.9	1084.7	1013.9	961.4	948.0	944.4	948.0
12.5°	1310.4	1292.0	1256.7	1171.3	1026.1	1003.0	961.4	930.9	928.5	934.6	967.6
15°	1295.8	1278.7	1237.2	1102.9	974.9	957.8	928.5	917.6	930.9	973.7	1072.5
17.5°	1281.1	1261.6	1210.4	1035.9	935.8	923.6	902.9	924.8	1000.5	1057.8	1090.7
20°	1261.6	1238.4	1179.8	987.0	907.7	896.8	887.0	985.9	1043.2	1063.9	1082.2
22.5°	1238.4	1214.0	1138.3	952.9	878.4	870.0	876.1	1020.0	1043.2	1057.8	1073.6
25°	1207.9	1187.2	1089.6	926.1	855.3	845.5	868.7	1016.3	1029.8	1033.4	1065.2
27.5°	1179.8	1153.0	1038.4	901.6	827.2	823.6	874.8	1000.5	1010.2	1013.9	1048.1
30°	1145.7	1105.4	981.0	876.1	797.9	796.8	876.1	981.0	978.5	988.3	1022.4
32.5°	1110.3	1034.6	916.3	844.3	769.9	768.6	867.5	951.7	949.2	962.7	988.3
35°	1077.4	979.8	828.4	807.7	734.5	735.7	846.8	917.6	918.7	930.9	946.8
37.5°	1043.2	932.2	732.1	767.5	700.3	700.3	818.7	885.8	883.3	887.0	909.0
40°	1003.0	857.7	646.7	715.0	668.6	664.9	784.6	851.6	843.1	841.9	872.3
42.5°	960.2	776.0	583.2	645.5	632.0	627.1	743.1	810.1	794.3	797.9	837.0
45°	913.8	754.0	534.4	545.4	594.2	590.5	697.9	762.5	751.5	761.4	801.6
47.5°	867.5	710.1	518.6	452.6	554.0	552.7	647.8	716.2	710.1	719.9	762.5
50°	804.0	661.3	517.3	388.0	508.8	513.7	588.1	671.0	671.0	679.6	724.7
52.5°	722.3	601.5	469.7	351.4	456.3	470.9	535.6	632.0	634.5	643.0	683.2
55°	647.8	539.3	435.5	323.3	394.1	425.8	484.4	591.7	596.6	605.2	641.7
57.5°	579.5	449.0	428.3	290.4	336.7	367.2	439.3	552.7	555.2	562.4	597.8
60°	506.3	324.6	392.9	255.0	286.7	309.9	397.8	506.3	514.9	519.8	550.2
62.5°	423.3	235.5	356.3	230.6	262.3	267.2	363.6	462.5	473.4	477.1	495.4
65°	301.4	197.7	302.5	209.9	236.7	238.0	327.0	417.3	427.1	433.2	446.5
67.5°	203.8	161.1	230.6	190.3	217.2	218.4	291.6	364.9	378.2	383.1	391.7
70°	141.5	107.3	170.8	169.6	195.2	197.7	253.8	317.2	329.5	333.1	337.9
72.5°	103.7	86.6	141.5	152.5	172.0	174.5	214.8	263.5	275.7	279.4	281.8
75°	79.3	91.5	114.7	133.0	146.5	147.6	175.7	214.8	223.3	225.7	227.0
77.5°	63.4	85.4	84.2	107.3	119.5	117.2	137.9	165.9	173.3	173.3	173.3
80°	47.6	67.1	63.4	76.9	87.9	85.4	98.8	118.3	120.8	123.3	122.0
82.5°	35.4	42.7	42.7	48.8	58.6	56.1	65.9	76.9	76.9	76.9	79.3
85°	21.9	24.4	19.6	25.7	32.9	31.7	36.6	41.5	42.7	42.7	40.3
87.5°	13.5	11.0	6.1	9.7	14.6	14.6	17.1	18.3	17.1	17.1	17.1
90°	24.5	17.0	9.5	17.0	24.5	26.4	41.5	61.6	71.6	63.6	47.7
92.5°	165.8	101.7	37.7	101.7	165.8	181.8	255.6	353.9	403.2	353.3	253.7
95°	324.9	207.7	90.4	207.7	324.9	354.2	628.9	995.2	1178.3	1051.5	797.8
97.5°	363.2	259.8	156.4	259.8	363.2	389.1	847.1	1458.0	1763.3	1683.2	1522.8
100°	394.8	301.0	207.2	301.0	394.8	418.3	926.6	1604.3	1943.3	1949.1	1960.8
102.5°	425.5	338.0	250.5	338.0	425.5	447.5	963.0	1650.4	1994.1	2096.3	2300.6
105°	472.2	398.1	324.0	398.1	472.2	490.7	990.0	1655.6	1988.5	2217.4	2675.4
107.5°	537.5	468.5	399.4	468.5	537.5	554.8	995.0	1581.9	1875.4	2194.9	2833.7
110°	575.1	512.7	450.3	512.7	575.1	590.6	987.5	1516.6	1781.3	2138.4	2852.5



TEST NUMBER: P935446

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-4000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	619.1	559.6	500.2	559.6	619.1	633.9	987.8	1459.6	1695.5	2061.0	2791.9
115°	685.1	630.4	575.5	630.4	685.1	698.9	996.9	1394.2	1592.9	1944.9	2649.0
117.5°	749.5	699.8	649.9	699.8	749.5	762.0	1015.4	1353.3	1522.2	1839.9	2475.4
120°	787.0	740.2	693.2	740.2	787.0	798.8	1030.4	1339.4	1493.9	1784.3	2364.9
122.5°	830.2	782.9	735.6	782.9	830.2	842.1	1052.1	1332.2	1472.2	1733.7	2256.6
125°	886.9	843.8	800.7	843.8	886.9	897.6	1081.3	1326.3	1448.7	1670.8	2115.0
127.5°	940.5	897.0	853.4	897.0	940.5	951.4	1110.6	1322.8	1428.9	1619.6	2001.0
130°	975.4	928.6	881.6	928.6	975.4	987.1	1131.9	1324.9	1421.4	1591.1	1930.7
132.5°	1004.6	957.8	910.8	957.8	1004.6	1016.3	1149.1	1326.3	1414.8	1566.8	1870.7
135°	1039.6	996.9	954.2	996.9	1039.6	1050.3	1168.0	1325.0	1403.5	1530.7	1785.3
137.5°	1083.0	1040.7	998.4	1040.7	1083.0	1093.6	1196.3	1333.2	1401.6	1509.2	1724.4
140°	1113.0	1074.1	1035.2	1074.1	1113.0	1122.8	1213.5	1334.5	1395.0	1488.0	1673.8
142.5°	1135.4	1099.5	1063.5	1099.5	1135.4	1144.4	1227.9	1339.3	1395.0	1476.6	1639.9
145°	1169.6	1138.1	1106.8	1138.1	1169.6	1177.4	1246.8	1339.3	1385.6	1452.3	1586.0
147.5°	1211.3	1180.7	1150.1	1180.7	1211.3	1218.9	1274.5	1348.5	1385.6	1438.1	1543.2
150°	1233.6	1206.0	1178.3	1206.0	1233.6	1240.6	1288.9	1353.4	1385.6	1429.9	1518.7
152.5°	1249.4	1228.5	1207.5	1228.5	1249.4	1254.7	1298.3	1356.5	1385.6	1423.5	1499.3
155°	1281.9	1266.4	1250.9	1266.4	1281.9	1285.8	1319.1	1363.4	1385.6	1415.8	1476.1
157.5°	1313.1	1298.0	1283.0	1298.0	1313.1	1316.8	1339.7	1370.3	1385.6	1409.0	1455.9
160°	1328.1	1316.3	1304.6	1316.3	1328.1	1331.0	1349.2	1373.5	1385.6	1405.7	1445.9
162.5°	1343.8	1335.0	1326.3	1335.0	1343.8	1346.0	1359.2	1376.7	1385.6	1402.5	1436.4
165°	1365.7	1357.8	1349.8	1357.8	1365.7	1367.7	1373.6	1381.6	1385.6	1397.7	1422.0
167.5°	1379.0	1375.2	1371.5	1375.2	1379.0	1379.9	1384.9	1391.7	1395.0	1402.9	1418.9
170°	1393.2	1389.4	1385.6	1389.4	1393.2	1394.1	1394.4	1394.8	1395.0	1402.9	1418.9
172.5°	1394.8	1393.9	1393.1	1393.9	1394.8	1395.0	1395.0	1395.0	1395.0	1401.3	1413.8
175°	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1400.7	1396.9	1395.0	1399.0	1406.9
177.5°	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1401.3	1398.4	1396.9	1400.0	1406.3
180°	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5



TEST NUMBER: P935446

CATALOG NUMBER: SQ4-FA-125U-050D-92765-1D-UNV-STD-W-8-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7
2.5°	1244.5	1240.8	1245.7	1232.3	1245.7	1240.8	1244.5	1253.0	1245.7	1250.6	1255.5
5°	1092.0	1085.9	1066.4	1050.5	1066.4	1085.9	1092.0	1117.6	1129.8	1151.8	1181.1
7.5°	976.0	971.2	966.3	956.6	966.3	971.2	976.0	983.4	995.6	1015.2	1037.1
10°	950.5	951.7	959.0	957.8	959.0	951.7	950.5	948.0	944.4	948.0	961.4
12.5°	1016.3	1027.3	1067.5	1065.2	1067.5	1027.3	1016.3	967.6	934.6	928.5	930.9
15°	1092.0	1095.7	1104.2	1105.4	1104.2	1095.7	1092.0	1072.5	973.7	930.9	917.6
17.5°	1099.3	1100.6	1106.7	1106.7	1106.7	1100.6	1099.3	1090.7	1057.8	1000.5	924.8
20°	1093.2	1095.7	1107.8	1110.3	1107.8	1095.7	1093.2	1082.2	1063.9	1043.2	985.9
22.5°	1090.7	1095.7	1105.4	1104.2	1105.4	1095.7	1090.7	1073.6	1057.8	1043.2	1020.0
25°	1078.6	1078.6	1079.8	1081.0	1079.8	1078.6	1078.6	1065.2	1033.4	1029.8	1016.3
27.5°	1052.9	1055.4	1062.7	1061.5	1062.7	1055.4	1052.9	1048.1	1013.9	1010.2	1000.5
30°	1029.8	1027.3	1021.2	1016.3	1021.2	1027.3	1029.8	1022.4	988.3	978.5	981.0
32.5°	990.7	984.6	978.5	974.9	978.5	984.6	990.7	988.3	962.7	949.2	951.7
35°	944.4	945.6	944.4	940.7	944.4	945.6	944.4	946.8	930.9	918.7	917.6
37.5°	911.5	913.8	912.6	907.7	912.6	913.8	911.5	909.0	887.0	883.3	885.8
40°	877.3	878.4	877.3	873.6	877.3	878.4	877.3	872.3	841.9	843.1	851.6
42.5°	844.3	843.1	839.4	837.0	839.4	843.1	844.3	837.0	797.9	794.3	810.1
45°	806.5	807.7	800.4	796.8	800.4	807.7	806.5	801.6	761.4	751.5	762.5
47.5°	768.6	768.6	762.5	758.9	762.5	768.6	768.6	762.5	719.9	710.1	716.2
50°	728.4	727.2	718.6	717.4	718.6	727.2	728.4	724.7	679.6	671.0	671.0
52.5°	682.0	682.0	683.2	685.7	683.2	682.0	682.0	683.2	643.0	634.5	632.0
55°	641.7	643.0	651.6	653.9	651.6	643.0	641.7	641.7	605.2	596.6	591.7
57.5°	600.3	600.3	606.4	606.4	606.4	600.3	600.3	597.8	562.4	555.2	552.7
60°	552.7	555.2	560.1	558.8	560.1	555.2	552.7	550.2	519.8	514.9	506.3
62.5°	502.7	505.1	506.3	503.9	506.3	505.1	502.7	495.4	477.1	473.4	462.5
65°	450.2	452.6	453.9	451.5	453.9	452.6	450.2	446.5	433.2	427.1	417.3
67.5°	396.5	395.3	394.1	399.0	394.1	395.3	396.5	391.7	383.1	378.2	364.9
70°	341.7	341.7	340.4	342.8	340.4	341.7	341.7	337.9	333.1	329.5	317.2
72.5°	283.1	281.8	286.7	283.1	286.7	281.8	283.1	281.8	279.4	275.7	263.5
75°	225.7	228.1	225.7	229.4	225.7	228.1	225.7	227.0	225.7	223.3	214.8
77.5°	172.0	174.5	172.0	172.0	172.0	174.5	172.0	173.3	173.3	173.3	165.9
80°	122.0	120.8	120.8	119.5	120.8	120.8	122.0	122.0	123.3	120.8	118.3
82.5°	78.0	76.9	76.9	79.3	76.9	76.9	78.0	79.3	76.9	76.9	76.9
85°	42.7	43.9	41.5	41.5	41.5	43.9	42.7	40.3	42.7	42.7	41.5
87.5°	15.8	14.6	14.6	14.6	14.6	14.6	15.8	17.1	17.1	17.1	18.3
90°	35.7	35.7	35.7	35.7	35.7	35.7	35.7	47.7	63.6	71.6	61.6
92.5°	178.9	171.8	143.4	114.9	143.4	171.8	178.9	253.7	353.3	403.2	353.9
95°	607.5	586.0	499.8	413.5	499.8	586.0	607.5	797.8	1051.5	1178.3	995.2
97.5°	1402.6	1361.5	1197.4	1033.3	1197.4	1361.5	1402.6	1522.8	1683.2	1763.3	1458.0
100°	1969.6	1920.8	1725.2	1529.7	1725.2	1920.8	1969.6	1960.8	1949.1	1943.3	1604.3
102.5°	2453.7	2411.9	2244.4	2077.0	2244.4	2411.9	2453.7	2300.6	2096.3	1994.1	1650.4
105°	3018.9	2996.4	2906.4	2816.4	2906.4	2996.4	3018.9	2675.4	2217.4	1988.5	1655.6
107.5°	3312.8	3318.3	3340.0	3361.7	3340.0	3318.3	3312.8	2833.7	2194.9	1875.4	1581.9
110°	3388.1	3411.6	3505.4	3599.2	3505.4	3411.6	3388.1	2852.5	2138.4	1781.3	1516.6



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3340.1	3376.1	3520.1	3664.1	3520.1	3376.1	3340.1	2791.9	2061.0	1695.5	1459.6
115°	3177.2	3227.1	3426.8	3626.4	3426.8	3227.1	3177.2	2649.0	1944.9	1592.9	1394.2
117.5°	2952.0	3007.4	3228.8	3450.3	3228.8	3007.4	2952.0	2475.4	1839.9	1522.2	1353.3
120°	2800.4	2854.2	3069.4	3284.5	3069.4	2854.2	2800.4	2364.9	1784.3	1493.9	1339.4
122.5°	2648.8	2701.8	2914.1	3126.3	2914.1	2701.8	2648.8	2256.6	1733.7	1472.2	1332.2
125°	2448.1	2497.0	2692.5	2888.0	2692.5	2497.0	2448.1	2115.0	1670.8	1448.7	1326.3
127.5°	2287.0	2328.2	2493.2	2658.1	2493.2	2328.2	2287.0	2001.0	1619.6	1428.9	1322.8
130°	2185.3	2223.4	2375.8	2528.2	2375.8	2223.4	2185.3	1930.7	1591.1	1421.4	1324.9
132.5°	2098.6	2132.7	2269.3	2405.7	2269.3	2132.7	2098.6	1870.7	1566.8	1414.8	1326.3
135°	1976.2	2005.6	2123.3	2240.9	2123.3	2005.6	1976.2	1785.3	1530.7	1403.5	1325.0
137.5°	1885.8	1909.9	2006.1	2102.4	2006.1	1909.9	1885.8	1724.4	1509.2	1401.6	1333.2
140°	1813.3	1835.7	1925.8	2015.8	1925.8	1835.7	1813.3	1673.8	1488.0	1395.0	1334.5
142.5°	1762.3	1781.7	1859.1	1936.6	1859.1	1781.7	1762.3	1639.9	1476.6	1395.0	1339.3
145°	1686.1	1700.7	1759.3	1817.9	1759.3	1700.7	1686.1	1586.0	1452.3	1385.6	1339.3
147.5°	1622.1	1634.2	1682.7	1731.3	1682.7	1634.2	1622.1	1543.2	1438.1	1385.6	1348.5
150°	1585.3	1595.1	1634.5	1673.8	1634.5	1595.1	1585.3	1518.7	1429.9	1385.6	1353.4
152.5°	1556.1	1563.6	1593.2	1623.0	1593.2	1563.6	1556.1	1499.3	1423.5	1385.6	1356.5
155°	1521.3	1526.2	1545.8	1565.5	1545.8	1526.2	1521.3	1476.1	1415.8	1385.6	1363.4
157.5°	1491.1	1494.5	1508.4	1522.2	1508.4	1494.5	1491.1	1455.9	1409.0	1385.6	1370.3
160°	1476.0	1478.0	1485.9	1493.9	1485.9	1478.0	1476.0	1445.9	1405.7	1385.6	1373.5
162.5°	1461.9	1463.8	1471.3	1478.9	1471.3	1463.8	1461.9	1436.4	1402.5	1385.6	1376.7
165°	1440.2	1442.2	1450.1	1458.1	1450.1	1442.2	1440.2	1422.0	1397.7	1385.6	1381.6
167.5°	1430.8	1431.6	1435.0	1438.3	1435.0	1431.6	1430.8	1418.9	1402.9	1395.0	1391.7
170°	1430.8	1430.8	1430.8	1430.8	1430.8	1430.8	1430.8	1418.9	1402.9	1395.0	1394.8
172.5°	1423.3	1422.6	1419.6	1416.7	1419.6	1422.6	1423.3	1413.8	1401.3	1395.0	1395.0
175°	1412.9	1412.9	1412.9	1412.9	1412.9	1412.9	1412.9	1406.9	1399.0	1395.0	1396.9
177.5°	1411.0	1410.2	1406.8	1403.5	1406.8	1410.2	1411.0	1406.3	1400.0	1396.9	1398.4
180°	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5	1403.5



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1289.7	1289.7	1289.7	1289.7	1289.7
2.5°	1273.8	1279.9	1283.6	1288.4	1300.6
5°	1225.0	1248.2	1255.5	1273.8	1295.8
7.5°	1117.6	1188.3	1207.9	1251.8	1286.0
10°	1013.9	1084.7	1118.9	1222.6	1273.8
12.5°	961.4	1003.0	1026.1	1171.3	1256.7
15°	928.5	957.8	974.9	1102.9	1237.2
17.5°	902.9	923.6	935.8	1035.9	1210.4
20°	887.0	896.8	907.7	987.0	1179.8
22.5°	876.1	870.0	878.4	952.9	1138.3
25°	868.7	845.5	855.3	926.1	1089.6
27.5°	874.8	823.6	827.2	901.6	1038.4
30°	876.1	796.8	797.9	876.1	981.0
32.5°	867.5	768.6	769.9	844.3	916.3
35°	846.8	735.7	734.5	807.7	828.4
37.5°	818.7	700.3	700.3	767.5	732.1
40°	784.6	664.9	668.6	715.0	646.7
42.5°	743.1	627.1	632.0	645.5	583.2
45°	697.9	590.5	594.2	545.4	534.4
47.5°	647.8	552.7	554.0	452.6	518.6
50°	588.1	513.7	508.8	388.0	517.3
52.5°	535.6	470.9	456.3	351.4	469.7
55°	484.4	425.8	394.1	323.3	435.5
57.5°	439.3	367.2	336.7	290.4	428.3
60°	397.8	309.9	286.7	255.0	392.9
62.5°	363.6	267.2	262.3	230.6	356.3
65°	327.0	238.0	236.7	209.9	302.5
67.5°	291.6	218.4	217.2	190.3	230.6
70°	253.8	197.7	195.2	169.6	170.8
72.5°	214.8	174.5	172.0	152.5	141.5
75°	175.7	147.6	146.5	133.0	114.7
77.5°	137.9	117.2	119.5	107.3	84.2
80°	98.8	85.4	87.9	76.9	63.4
82.5°	65.9	56.1	58.6	48.8	42.7
85°	36.6	31.7	32.9	25.7	19.6
87.5°	17.1	14.6	14.6	9.7	6.1
90°	41.5	26.4	24.5	17.0	9.5
92.5°	255.6	181.8	165.8	101.7	37.7
95°	628.9	354.2	324.9	207.7	90.4
97.5°	847.1	389.1	363.2	259.8	156.4
100°	926.6	418.3	394.8	301.0	207.2
102.5°	963.0	447.5	425.5	338.0	250.5
105°	990.0	490.7	472.2	398.1	324.0
107.5°	995.0	554.8	537.5	468.5	399.4
110°	987.5	590.6	575.1	512.7	450.3



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	987.8	633.9	619.1	559.6	500.2
115°	996.9	698.9	685.1	630.4	575.5
117.5°	1015.4	762.0	749.5	699.8	649.9
120°	1030.4	798.8	787.0	740.2	693.2
122.5°	1052.1	842.1	830.2	782.9	735.6
125°	1081.3	897.6	886.9	843.8	800.7
127.5°	1110.6	951.4	940.5	897.0	853.4
130°	1131.9	987.1	975.4	928.6	881.6
132.5°	1149.1	1016.3	1004.6	957.8	910.8
135°	1168.0	1050.3	1039.6	996.9	954.2
137.5°	1196.3	1093.6	1083.0	1040.7	998.4
140°	1213.5	1122.8	1113.0	1074.1	1035.2
142.5°	1227.9	1144.4	1135.4	1099.5	1063.5
145°	1246.8	1177.4	1169.6	1138.1	1106.8
147.5°	1274.5	1218.9	1211.3	1180.7	1150.1
150°	1288.9	1240.6	1233.6	1206.0	1178.3
152.5°	1298.3	1254.7	1249.4	1228.5	1207.5
155°	1319.1	1285.8	1281.9	1266.4	1250.9
157.5°	1339.7	1316.8	1313.1	1298.0	1283.0
160°	1349.2	1331.0	1328.1	1316.3	1304.6
162.5°	1359.2	1346.0	1343.8	1335.0	1326.3
165°	1373.6	1367.7	1365.7	1357.8	1349.8
167.5°	1384.9	1379.9	1379.0	1375.2	1371.5
170°	1394.4	1394.1	1393.2	1389.4	1385.6
172.5°	1395.0	1395.0	1394.8	1393.9	1393.1
175°	1400.7	1403.5	1403.5	1403.5	1403.5
177.5°	1401.3	1403.5	1403.5	1403.5	1403.5
180°	1403.5	1403.5	1403.5	1403.5	1403.5



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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	8.37	9.05	9.50	10.18	11.74	11.20	11.89	12.34	13.02	14.58
	3H	8.83	9.44	9.97	10.58	12.16	12.54	13.15	13.68	14.29	15.87
	4H	9.01	9.60	10.16	10.73	12.32	12.98	13.56	14.13	14.69	16.28
	6H	9.12	9.66	10.28	10.79	12.39	13.25	13.79	14.41	14.93	16.53
	8H	9.12	9.63	10.28	10.78	12.37	13.32	13.84	14.49	14.99	16.58
	12H	9.08	9.57	10.25	10.71	12.33	13.36	13.84	14.52	14.99	16.60
4H	2H	9.38	9.96	10.54	11.10	12.68	11.59	12.18	12.75	13.31	14.90
	3H	10.39	10.88	11.55	12.04	13.63	13.08	13.57	14.25	14.73	16.33
	4H	10.66	11.11	11.82	12.25	13.87	13.61	14.05	14.77	15.20	16.82
	6H	10.77	11.16	11.94	12.33	13.94	13.96	14.35	15.13	15.52	17.12
	8H	10.78	11.13	11.94	12.29	13.92	14.07	14.42	15.24	15.59	17.21
	12H	10.73	11.06	11.92	12.23	13.86	14.12	14.44	15.30	15.61	17.24
8H	4H	11.10	11.46	12.27	12.62	14.24	13.72	14.07	14.89	15.23	16.86
	6H	11.35	11.65	12.54	12.85	14.47	14.15	14.44	15.34	15.65	17.27
	8H	11.39	11.65	12.59	12.83	14.48	14.30	14.55	15.49	15.74	17.38
	12H	11.37	11.60	12.57	12.78	14.45	14.39	14.62	15.59	15.79	17.47
12H	4H	11.10	11.42	12.28	12.59	14.22	13.67	14.00	14.86	15.17	16.80
	6H	11.41	11.67	12.61	12.85	14.49	14.14	14.40	15.34	15.58	17.22
	8H	11.47	11.70	12.67	12.88	14.55	14.30	14.52	15.50	15.70	17.38