

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: P935661

Luminaire Tested: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-6-3000K

Issue Date: 12/17/2024

**Test Information**

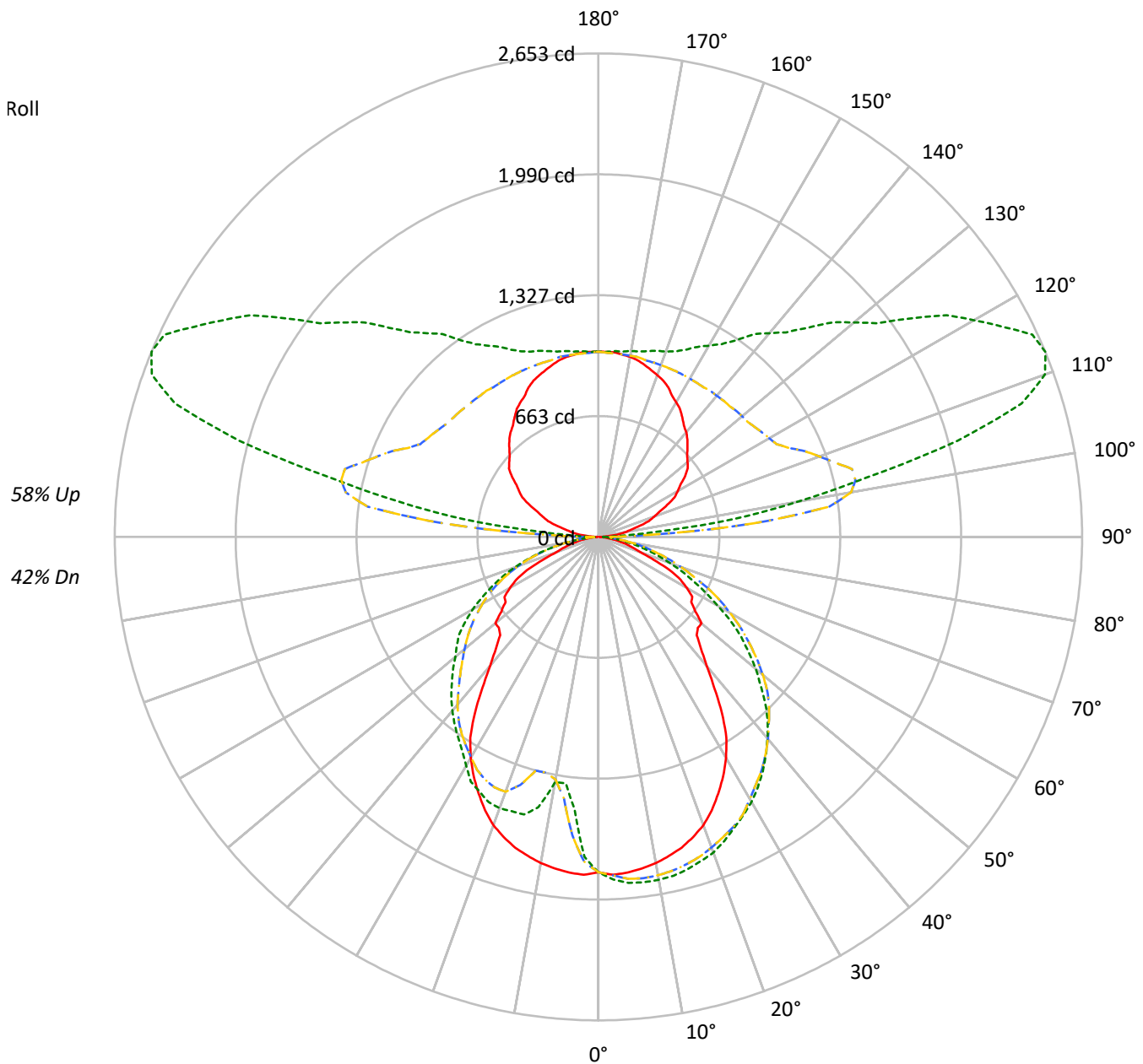
Test Method: LM-79-2019  
Report Number: P935661  
REPORT IS A COMBINATION OF REPORTS P933763 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-6-3000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11362.5 lumens  
Efficiency: N/A  
Efficacy: 117.6 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: General Diffuse  
  
Input Watts (W): 96.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Luminous Intensity Polar Plot



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



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	105	105	105	105	96	96	96	96	79	79	79	63	63	63	49	49	49	42
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41	35
2	87	80	74	69	80	73	68	64	61	57	54	49	46	44	38	36	35	30
3	80	70	63	57	72	65	58	53	53	49	45	43	40	37	34	31	30	25
4	73	62	54	49	66	57	50	45	47	42	38	38	35	32	30	28	25	22
5	67	55	47	41	61	51	44	39	42	37	33	34	31	27	27	24	22	19
6	62	50	42	36	56	46	39	33	38	33	29	31	27	24	24	22	19	16
7	57	45	37	31	52	41	34	29	34	29	25	28	24	21	22	19	17	15
8	53	40	33	28	48	37	31	26	31	26	22	26	22	19	20	18	15	13
9	49	37	30	25	45	34	27	23	29	24	20	24	20	17	19	16	14	12
10	46	34	27	22	42	31	25	21	26	21	18	22	18	15	17	15	13	11

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

	0°	90°	180°	270°
0°	11381	11381	11381	11381
5°	11461	11488	11461	9033
10°	11381	11317	11381	8091
15°	11253	11071	11253	9245
20°	11013	10781	11013	9264
25°	10527	10357	10527	9068
30°	9901	10006	9901	8637
35°	8822	9560	8822	8164
40°	7347	9037	7347	7805
45°	6561	8424	6561	7393
50°	6963	7693	6963	6981
55°	6546	6905	6546	6742
60°	6739	5864	6739	6174
65°	6101	4848	6101	5419
70°	4213	3864	4213	4542
75°	3681	2855	3681	3421
80°	2946	1889	2946	2056
85°	1657	1000	1657	850

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 10061 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	166.1	1.5
10°-20°	471.5	4.1
20°-30°	728.9	6.4
30°-40°	870.1	7.7
40°-50°	875.2	7.7
50°-60°	761.5	6.7
60°-70°	539.9	4.8
70°-80°	285.7	2.5
80°-90°	75.0	0.7
90°-100°	495.4	4.4
100°-110°	1302.5	11.5
110°-120°	1350.5	11.9
120°-130°	1083.3	9.5
130°-140°	850.0	7.5
140°-150°	652.4	5.7
150°-160°	469.8	4.1
160°-170°	287.5	2.5
170°-180°	97.1	0.9
0°-30°	1366.4	12.0
0°-40°	2236.5	19.7
0°-60°	3873.3	34.1
0°-90°	4773.9	42.0
90°-120°	3148.4	27.7
90°-150°	5734.2	50.5
90°-180°	6589.0	58.0
0°-180°	11362.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1840	1840	1840	1840	1840	
5°	1848	1906	1848	1499	1848	175
15°	1765	1888	1765	1577	1765	497
25°	1554	1761	1554	1542	1554	714
35°	1182	1572	1182	1342	1182	731
45°	762	1295	762	1136	762	611
55°	621	956	621	933	621	571
65°	432	576	432	644	432	413
75°	164	273	164	327	164	172
85°	28	70	28	59	28	38
90°	7	26	7	26	7	7
95°	66	299	66	299	66	73
105°	235	2040	235	2040	235	249
115°	417	2626	417	2626	417	412
125°	580	2091	580	2091	580	515
135°	691	1623	691	1623	691	535
145°	801	1316	801	1316	801	502
155°	906	1134	906	1134	906	416
165°	978	1056	978	1056	978	276
175°	1016	1023	1016	1023	1016	96
180°	1016	1016	1016	1016	1016	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7
2.5°	1855.4	1855.4	1865.9	1869.3	1869.3	1864.1	1858.8	1864.1	1879.7	1885.0	1883.3
5°	1848.4	1862.3	1881.5	1885.0	1888.4	1886.7	1883.3	1886.7	1904.1	1907.6	1909.3
7.5°	1834.5	1860.6	1885.0	1890.2	1895.4	1890.2	1888.4	1891.9	1909.3	1912.9	1912.9
10°	1817.1	1853.7	1881.5	1885.0	1890.2	1885.0	1885.0	1891.9	1909.3	1912.9	1914.5
12.5°	1792.7	1843.2	1869.3	1872.8	1879.7	1878.0	1876.2	1883.3	1900.6	1904.1	1904.1
15°	1764.9	1824.1	1848.4	1851.9	1864.1	1860.6	1860.6	1867.5	1886.7	1891.9	1890.2
17.5°	1726.6	1799.6	1827.6	1832.8	1841.4	1839.7	1841.4	1848.4	1865.9	1869.3	1871.0
20°	1683.1	1766.6	1799.6	1804.9	1813.6	1813.6	1813.6	1822.3	1839.7	1846.7	1846.7
22.5°	1623.9	1731.8	1766.6	1770.1	1780.6	1780.6	1784.0	1796.2	1811.8	1813.6	1813.6
25°	1554.2	1693.5	1723.1	1733.5	1744.0	1749.2	1754.4	1761.4	1766.6	1764.9	1766.6
27.5°	1481.2	1644.8	1683.1	1690.0	1704.0	1709.2	1716.1	1717.9	1719.6	1724.8	1721.4
30°	1399.4	1576.9	1634.3	1641.3	1663.9	1667.4	1660.4	1663.9	1672.6	1676.1	1679.6
32.5°	1307.1	1476.0	1583.8	1599.6	1620.4	1609.9	1608.3	1613.4	1627.4	1627.4	1630.8
35°	1181.8	1397.6	1536.9	1550.8	1566.4	1554.2	1561.3	1562.9	1571.6	1576.9	1575.1
37.5°	1044.3	1329.7	1488.1	1498.6	1510.8	1495.1	1505.5	1510.8	1517.7	1514.3	1514.3
40°	922.5	1223.6	1430.7	1437.7	1448.1	1435.9	1446.4	1449.8	1453.3	1449.8	1448.1
42.5°	831.9	1106.9	1369.8	1378.5	1371.6	1380.3	1383.7	1390.7	1385.4	1378.5	1378.5
45°	762.4	1075.7	1303.7	1314.1	1303.7	1317.5	1322.8	1322.8	1307.1	1303.7	1301.9
47.5°	739.7	1012.9	1237.5	1237.5	1232.3	1249.6	1258.3	1246.2	1230.5	1225.3	1225.3
50°	737.9	943.4	1147.0	1140.0	1164.4	1185.3	1176.6	1164.4	1152.2	1133.1	1133.1
52.5°	670.1	858.1	1030.3	1056.5	1094.8	1106.9	1093.0	1080.8	1059.9	1051.2	1044.3
55°	621.4	769.3	924.2	976.4	1016.5	1032.1	1006.0	993.8	962.5	957.3	953.8
57.5°	610.9	640.5	826.7	892.9	941.6	939.9	924.2	901.6	875.5	870.2	868.6
60°	560.4	463.0	722.3	800.7	851.1	845.9	831.9	811.1	786.7	783.3	779.8
62.5°	508.2	336.0	603.9	692.7	764.1	762.4	750.2	718.8	701.4	692.7	685.8
65°	431.7	281.9	429.9	576.1	678.8	682.3	656.2	633.5	614.4	603.9	602.3
67.5°	328.9	229.8	290.6	480.3	597.0	593.6	560.4	550.0	525.7	520.4	509.9
70°	243.6	153.2	201.9	389.9	517.0	508.2	482.1	470.0	447.3	435.1	428.2
72.5°	201.9	123.6	147.9	302.8	435.1	424.7	402.1	388.1	369.0	358.5	351.6
75°	163.6	130.5	113.1	224.5	353.3	346.4	325.5	311.5	295.9	281.9	283.7
77.5°	120.1	121.8	90.5	165.4	280.2	269.8	257.6	240.2	233.2	219.3	219.3
80°	90.5	95.7	67.9	113.1	201.9	201.9	191.5	179.3	167.1	160.1	160.1
82.5°	61.0	61.0	50.5	71.3	137.5	132.3	125.3	121.8	114.9	111.4	111.4
85°	27.8	34.8	31.4	43.5	74.8	78.3	78.3	74.8	73.1	69.6	71.3
87.5°	8.7	15.6	19.1	24.3	38.3	40.1	41.8	41.8	41.8	43.5	43.5
90°	6.9	12.3	17.7	19.1	30.0	44.5	51.8	46.0	34.5	25.9	25.9
92.5°	27.3	73.7	120.1	131.7	185.1	256.3	291.9	255.8	183.7	129.6	124.5
95°	65.5	150.4	235.2	256.5	455.4	720.7	853.4	761.5	577.7	439.9	424.3
97.5°	113.2	188.0	263.0	281.7	613.4	1055.8	1277.0	1218.9	1102.8	1015.7	986.0
100°	150.1	218.0	285.9	302.8	670.9	1161.8	1407.2	1411.4	1419.9	1426.3	1390.9
102.5°	181.5	244.8	308.2	324.0	697.4	1195.1	1444.0	1518.0	1666.0	1776.9	1746.6
105°	234.7	288.3	341.9	355.4	716.9	1199.0	1440.0	1605.8	1937.4	2186.2	2169.8
107.5°	289.2	339.2	389.3	401.7	720.6	1145.6	1358.1	1589.5	2052.1	2399.0	2402.9
110°	326.0	371.2	416.3	427.6	715.0	1098.2	1289.9	1548.4	2065.7	2453.6	2470.6



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	362.2	405.2	448.3	459.1	715.3	1056.9	1227.8	1492.4	2021.8	2418.8	2444.8
115°	416.8	456.5	496.2	506.2	722.0	1009.6	1153.5	1408.4	1918.4	2300.8	2337.0
117.5°	470.7	506.8	542.8	551.8	735.3	979.9	1102.3	1332.4	1792.6	2137.8	2177.8
120°	502.0	536.0	569.9	578.4	746.2	969.9	1081.8	1292.1	1712.5	2027.9	2066.9
122.5°	532.8	567.0	601.3	609.8	761.9	964.7	1066.2	1255.5	1634.2	1918.1	1956.5
125°	579.8	611.0	642.2	650.0	783.1	960.4	1049.1	1209.9	1531.6	1772.9	1808.2
127.5°	618.0	649.5	681.0	688.9	804.3	958.0	1034.8	1172.9	1449.1	1656.2	1686.1
130°	638.4	672.4	706.3	714.8	819.6	959.4	1029.3	1152.2	1398.1	1582.5	1610.1
132.5°	659.6	693.6	727.5	736.0	832.2	960.4	1024.5	1134.6	1354.7	1519.7	1544.4
135°	691.0	721.9	752.8	760.5	845.8	959.5	1016.4	1108.5	1292.9	1431.1	1452.4
137.5°	723.0	753.7	784.3	792.0	866.3	965.4	1015.0	1092.9	1248.7	1365.6	1383.0
140°	749.6	777.8	806.0	813.0	878.7	966.4	1010.2	1077.5	1212.1	1313.1	1329.4
142.5°	770.1	796.2	822.3	828.8	889.3	969.9	1010.2	1069.3	1187.6	1276.3	1290.3
145°	801.4	824.2	846.9	852.7	902.9	969.9	1003.4	1051.8	1148.5	1221.0	1231.6
147.5°	832.9	855.0	877.2	882.7	922.9	976.6	1003.4	1041.4	1117.6	1174.6	1183.4
150°	853.4	873.4	893.3	898.3	933.4	980.0	1003.4	1035.5	1099.8	1148.0	1155.1
152.5°	874.4	889.6	904.8	908.6	940.2	982.3	1003.4	1030.8	1085.7	1126.9	1132.2
155°	905.9	917.1	928.3	931.1	955.2	987.3	1003.4	1025.2	1068.9	1101.7	1105.3
157.5°	929.1	940.0	950.8	953.6	970.2	992.3	1003.4	1020.3	1054.3	1079.8	1082.2
160°	944.7	953.2	961.7	963.8	977.0	994.6	1003.4	1018.0	1047.0	1068.9	1070.3
162.5°	960.4	966.7	973.2	974.7	984.3	997.0	1003.4	1015.7	1040.2	1058.6	1060.0
165°	977.5	983.3	989.1	990.5	994.8	1000.5	1003.4	1012.2	1029.8	1043.0	1044.4
167.5°	993.2	995.9	998.6	999.3	1002.9	1007.8	1010.2	1016.0	1027.5	1036.1	1036.7
170°	1003.4	1006.1	1008.8	1009.5	1009.8	1010.0	1010.2	1016.0	1027.5	1036.1	1036.1
172.5°	1008.8	1009.4	1010.0	1010.2	1010.2	1010.2	1010.2	1014.8	1023.8	1030.7	1030.2
175°	1016.4	1016.4	1016.4	1016.4	1014.3	1011.6	1010.2	1013.1	1018.9	1023.2	1023.2
177.5°	1016.4	1016.4	1016.4	1016.4	1014.8	1012.6	1011.5	1013.8	1018.4	1021.8	1021.2
180°	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7
2.5°	1886.7	1881.5	1886.7	1883.3	1885.0	1879.7	1864.1	1858.8	1864.1	1869.3	1869.3
5°	1909.3	1905.8	1909.3	1909.3	1907.6	1904.1	1886.7	1883.3	1886.7	1888.4	1885.0
7.5°	1916.3	1911.1	1916.3	1912.9	1912.9	1909.3	1891.9	1888.4	1890.2	1895.4	1890.2
10°	1916.3	1911.1	1916.3	1914.5	1912.9	1909.3	1891.9	1885.0	1885.0	1890.2	1885.0
12.5°	1907.6	1904.1	1907.6	1904.1	1904.1	1900.6	1883.3	1876.2	1878.0	1879.7	1872.8
15°	1893.7	1888.4	1893.7	1890.2	1891.9	1886.7	1867.5	1860.6	1860.6	1864.1	1851.9
17.5°	1872.8	1865.9	1872.8	1871.0	1869.3	1865.9	1848.4	1841.4	1839.7	1841.4	1832.8
20°	1848.4	1843.2	1848.4	1846.7	1846.7	1839.7	1822.3	1813.6	1813.6	1813.6	1804.9
22.5°	1810.1	1804.9	1810.1	1813.6	1813.6	1811.8	1796.2	1784.0	1780.6	1780.6	1770.1
25°	1766.6	1761.4	1766.6	1766.6	1764.9	1766.6	1761.4	1754.4	1749.2	1744.0	1733.5
27.5°	1724.8	1721.4	1724.8	1721.4	1724.8	1719.6	1717.9	1716.1	1709.2	1704.0	1690.0
30°	1683.1	1679.6	1683.1	1679.6	1676.1	1672.6	1663.9	1660.4	1667.4	1663.9	1641.3
32.5°	1630.8	1627.4	1630.8	1630.8	1627.4	1627.4	1613.4	1608.3	1609.9	1620.4	1599.6
35°	1576.9	1571.6	1576.9	1575.1	1576.9	1571.6	1562.9	1561.3	1554.2	1566.4	1550.8
37.5°	1514.3	1509.0	1514.3	1514.3	1514.3	1517.7	1510.8	1505.5	1495.1	1510.8	1498.6
40°	1449.8	1442.9	1449.8	1448.1	1449.8	1453.3	1449.8	1446.4	1435.9	1448.1	1437.7
42.5°	1376.7	1375.0	1376.7	1378.5	1378.5	1385.4	1390.7	1383.7	1380.3	1371.6	1378.5
45°	1298.4	1295.0	1298.4	1301.9	1303.7	1307.1	1322.8	1322.8	1317.5	1303.7	1314.1
47.5°	1214.9	1206.2	1214.9	1225.3	1225.3	1230.5	1246.2	1258.3	1249.6	1232.3	1237.5
50°	1126.1	1127.8	1126.1	1133.1	1133.1	1152.2	1164.4	1176.6	1185.3	1164.4	1140.0
52.5°	1039.1	1037.4	1039.1	1044.3	1051.2	1059.9	1080.8	1093.0	1106.9	1094.8	1056.5
55°	952.1	955.5	952.1	953.8	957.3	962.5	993.8	1006.0	1032.1	1016.5	976.4
57.5°	865.0	859.8	865.0	868.6	870.2	875.5	901.6	924.2	939.9	941.6	892.9
60°	764.1	757.1	764.1	779.8	783.3	786.7	811.1	831.9	845.9	851.1	800.7
62.5°	675.3	663.1	675.3	685.8	692.7	701.4	718.8	750.2	762.4	764.1	692.7
65°	581.3	576.1	581.3	602.3	603.9	614.4	633.5	656.2	682.3	678.8	576.1
67.5°	496.1	496.1	496.1	509.9	520.4	525.7	550.0	560.4	593.6	597.0	480.3
70°	417.7	416.0	417.7	428.2	435.1	447.3	470.0	482.1	508.2	517.0	389.9
72.5°	342.9	341.1	342.9	351.6	358.5	369.0	388.1	402.1	424.7	435.1	302.8
75°	276.8	273.2	276.8	283.7	281.9	295.9	311.5	325.5	346.4	353.3	224.5
77.5°	212.4	212.4	212.4	219.3	219.3	233.2	240.2	257.6	269.8	280.2	165.4
80°	158.4	156.7	158.4	160.1	160.1	167.1	179.3	191.5	201.9	201.9	113.1
82.5°	111.4	107.9	111.4	111.4	111.4	114.9	121.8	125.3	132.3	137.5	71.3
85°	69.6	69.6	69.6	71.3	69.6	73.1	74.8	78.3	78.3	74.8	43.5
87.5°	45.2	43.5	45.2	43.5	43.5	41.8	41.8	41.8	40.1	38.3	24.3
90°	25.9	25.9	25.9	25.9	25.9	34.5	46.0	51.8	44.5	30.0	19.1
92.5°	103.8	83.2	103.8	124.5	129.6	183.7	255.8	291.9	256.3	185.1	131.7
95°	361.9	299.4	361.9	424.3	439.9	577.7	761.5	853.4	720.7	455.4	256.5
97.5°	867.1	748.3	867.1	986.0	1015.7	1102.8	1218.9	1277.0	1055.8	613.4	281.7
100°	1249.4	1107.8	1249.4	1390.9	1426.3	1419.9	1411.4	1407.2	1161.8	670.9	302.8
102.5°	1625.3	1504.1	1625.3	1746.6	1776.9	1666.0	1518.0	1444.0	1195.1	697.4	324.0
105°	2104.7	2039.5	2104.7	2169.8	2186.2	1937.4	1605.8	1440.0	1199.0	716.9	355.4
107.5°	2418.7	2434.5	2418.7	2402.9	2399.0	2052.1	1589.5	1358.1	1145.6	720.6	401.7
110°	2538.5	2606.4	2538.5	2470.6	2453.6	2065.7	1548.4	1289.9	1098.2	715.0	427.6





TEST NUMBER: P935661

CATALOG NUMBER: SQ4-FA-125U-100D-93050-1D-UNV-STD-W-6-3000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2549.1	2653.4	2549.1	2444.8	2418.8	2021.8	1492.4	1227.8	1056.9	715.3	459.1
115°	2481.6	2626.1	2481.6	2337.0	2300.8	1918.4	1408.4	1153.5	1009.6	722.0	506.2
117.5°	2338.2	2498.6	2338.2	2177.8	2137.8	1792.6	1332.4	1102.3	979.9	735.3	551.8
120°	2222.7	2378.5	2222.7	2066.9	2027.9	1712.5	1292.1	1081.8	969.9	746.2	578.4
122.5°	2110.2	2263.9	2110.2	1956.5	1918.1	1634.2	1255.5	1066.2	964.7	761.9	609.8
125°	1949.8	2091.4	1949.8	1808.2	1772.9	1531.6	1209.9	1049.1	960.4	783.1	650.0
127.5°	1805.5	1925.0	1805.5	1686.1	1656.2	1449.1	1172.9	1034.8	958.0	804.3	688.9
130°	1720.5	1830.8	1720.5	1610.1	1582.5	1398.1	1152.2	1029.3	959.4	819.6	714.8
132.5°	1643.3	1742.1	1643.3	1544.4	1519.7	1354.7	1134.6	1024.5	960.4	832.2	736.0
135°	1537.6	1622.7	1537.6	1452.4	1431.1	1292.9	1108.5	1016.4	959.5	845.8	760.5
137.5°	1452.7	1522.4	1452.7	1383.0	1365.6	1248.7	1092.9	1015.0	965.4	866.3	792.0
140°	1394.6	1459.7	1394.6	1329.4	1313.1	1212.1	1077.5	1010.2	966.4	878.7	813.0
142.5°	1346.3	1402.5	1346.3	1290.3	1276.3	1187.6	1069.3	1010.2	969.9	889.3	828.8
145°	1274.1	1316.5	1274.1	1231.6	1221.0	1148.5	1051.8	1003.4	969.9	902.9	852.7
147.5°	1218.6	1253.8	1218.6	1183.4	1174.6	1117.6	1041.4	1003.4	976.6	922.9	882.7
150°	1183.7	1212.1	1183.7	1155.1	1148.0	1099.8	1035.5	1003.4	980.0	933.4	898.3
152.5°	1153.7	1175.3	1153.7	1132.2	1126.9	1085.7	1030.8	1003.4	982.3	940.2	908.6
155°	1119.5	1133.7	1119.5	1105.3	1101.7	1068.9	1025.2	1003.4	987.3	955.2	931.1
157.5°	1092.3	1102.3	1092.3	1082.2	1079.8	1054.3	1020.3	1003.4	992.3	970.2	953.6
160°	1076.1	1081.8	1076.1	1070.3	1068.9	1047.0	1018.0	1003.4	994.6	977.0	963.8
162.5°	1065.5	1070.9	1065.5	1060.0	1058.6	1040.2	1015.7	1003.4	997.0	984.3	974.7
165°	1050.2	1055.9	1050.2	1044.4	1043.0	1029.8	1012.2	1003.4	1000.5	994.8	990.5
167.5°	1039.1	1041.6	1039.1	1036.7	1036.1	1027.5	1016.0	1010.2	1007.8	1002.9	999.3
170°	1036.1	1036.1	1036.1	1036.1	1036.1	1027.5	1016.0	1010.2	1010.0	1009.8	1009.5
172.5°	1028.1	1025.9	1028.1	1030.2	1030.7	1023.8	1014.8	1010.2	1010.2	1010.2	1010.2
175°	1023.2	1023.2	1023.2	1023.2	1023.2	1018.9	1013.1	1010.2	1011.6	1014.3	1016.4
177.5°	1018.8	1016.4	1018.8	1021.2	1021.8	1018.4	1013.8	1011.5	1012.6	1014.8	1016.4
180°	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4



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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7
2.5°	1865.9	1855.4	1855.4	1837.9	1831.0	1825.8	1817.1	1790.9	1784.0	1777.1	1787.5
5°	1881.5	1862.3	1848.4	1817.1	1790.9	1780.6	1747.5	1684.8	1643.0	1611.7	1594.3
7.5°	1885.0	1860.6	1834.5	1785.8	1723.1	1695.2	1594.3	1479.4	1448.1	1420.2	1402.8
10°	1881.5	1853.7	1817.1	1744.0	1596.0	1547.3	1446.4	1371.6	1352.4	1347.1	1352.4
12.5°	1869.3	1843.2	1792.7	1670.9	1463.8	1430.7	1371.6	1328.0	1324.6	1333.3	1380.3
15°	1848.4	1824.1	1764.9	1573.4	1390.7	1366.3	1324.6	1308.8	1328.0	1388.9	1529.9
17.5°	1827.6	1799.6	1726.6	1477.7	1334.9	1317.5	1287.9	1319.3	1427.2	1509.0	1556.0
20°	1799.6	1766.6	1683.1	1408.1	1295.0	1279.2	1265.4	1406.3	1488.1	1517.7	1543.8
22.5°	1766.6	1731.8	1623.9	1359.3	1253.2	1241.0	1249.6	1455.1	1488.1	1509.0	1531.7
25°	1723.1	1693.5	1554.2	1321.1	1220.1	1206.2	1239.3	1449.8	1469.0	1474.2	1519.5
27.5°	1683.1	1644.8	1481.2	1286.3	1180.1	1174.8	1248.0	1427.2	1441.1	1446.4	1495.1
30°	1634.3	1576.9	1399.4	1249.6	1138.3	1136.5	1249.6	1399.4	1395.9	1409.8	1458.5
32.5°	1583.8	1476.0	1307.1	1204.4	1098.2	1096.6	1237.5	1357.6	1354.1	1373.2	1409.8
35°	1536.9	1397.6	1181.8	1152.2	1047.8	1049.5	1207.9	1308.8	1310.6	1328.0	1350.7
37.5°	1488.1	1329.7	1044.3	1094.8	999.1	999.1	1167.9	1263.6	1260.1	1265.4	1296.6
40°	1430.7	1223.6	922.5	1020.0	953.8	948.6	1119.1	1214.9	1202.7	1201.0	1244.5
42.5°	1369.8	1106.9	831.9	920.7	901.6	894.6	1059.9	1155.7	1133.1	1138.3	1194.0
45°	1303.7	1075.7	762.4	778.0	847.6	842.4	995.6	1087.8	1072.1	1086.1	1143.5
47.5°	1237.5	1012.9	739.7	645.7	790.2	788.5	924.2	1021.6	1012.9	1026.9	1087.8
50°	1147.0	943.4	737.9	553.5	725.8	732.8	839.0	957.3	957.3	969.5	1033.8
52.5°	1030.3	858.1	670.1	501.2	650.9	671.8	764.1	901.6	905.1	917.2	974.7
55°	924.2	769.3	621.4	461.2	562.2	607.4	691.0	844.1	851.1	863.3	915.5
57.5°	826.7	640.5	610.9	414.2	480.3	523.9	626.6	788.5	792.0	802.4	852.8
60°	722.3	463.0	560.4	363.8	409.0	442.0	567.4	722.3	734.5	741.5	784.9
62.5°	603.9	336.0	508.2	328.9	374.2	381.2	518.6	659.7	675.3	680.5	706.7
65°	429.9	281.9	431.7	299.3	337.6	339.4	466.5	595.2	609.2	617.9	637.0
67.5°	290.6	229.8	328.9	271.5	309.8	311.5	416.0	520.4	539.5	546.5	558.7
70°	201.9	153.2	243.6	242.0	278.5	281.9	362.0	452.5	470.0	475.2	482.1
72.5°	147.9	123.6	201.9	217.6	245.4	248.9	306.4	375.9	393.4	398.6	402.1
75°	113.1	130.5	163.6	189.7	208.9	210.6	250.7	306.4	318.5	322.0	323.7
77.5°	90.5	121.8	120.1	153.2	170.6	167.1	196.7	236.7	247.2	247.2	247.2
80°	67.9	95.7	90.5	109.6	125.3	121.8	141.0	168.8	172.3	175.7	174.1
82.5°	50.5	61.0	61.0	69.6	83.5	80.1	94.0	109.6	109.6	109.6	113.1
85°	31.4	34.8	27.8	36.5	47.0	45.2	52.3	59.2	61.0	61.0	57.4
87.5°	19.1	15.6	8.7	14.0	20.9	20.9	24.3	26.1	24.3	24.3	24.3
90°	17.7	12.3	6.9	12.3	17.7	19.1	30.0	44.5	51.8	46.0	34.5
92.5°	120.1	73.7	27.3	73.7	120.1	131.7	185.1	256.3	291.9	255.8	183.7
95°	235.2	150.4	65.5	150.4	235.2	256.5	455.4	720.7	853.4	761.5	577.7
97.5°	263.0	188.0	113.2	188.0	263.0	281.7	613.4	1055.8	1277.0	1218.9	1102.8
100°	285.9	218.0	150.1	218.0	285.9	302.8	670.9	1161.8	1407.2	1411.4	1419.9
102.5°	308.2	244.8	181.5	244.8	308.2	324.0	697.4	1195.1	1444.0	1518.0	1666.0
105°	341.9	288.3	234.7	288.3	341.9	355.4	716.9	1199.0	1440.0	1605.8	1937.4
107.5°	389.3	339.2	289.2	339.2	389.3	401.7	720.6	1145.6	1358.1	1589.5	2052.1
110°	416.3	371.2	326.0	371.2	416.3	427.6	715.0	1098.2	1289.9	1548.4	2065.7



TEST NUMBER: P935661

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**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	448.3	405.2	362.2	405.2	448.3	459.1	715.3	1056.9	1227.8	1492.4	2021.8
115°	496.2	456.5	416.8	456.5	496.2	506.2	722.0	1009.6	1153.5	1408.4	1918.4
117.5°	542.8	506.8	470.7	506.8	542.8	551.8	735.3	979.9	1102.3	1332.4	1792.6
120°	569.9	536.0	502.0	536.0	569.9	578.4	746.2	969.9	1081.8	1292.1	1712.5
122.5°	601.3	567.0	532.8	567.0	601.3	609.8	761.9	964.7	1066.2	1255.5	1634.2
125°	642.2	611.0	579.8	611.0	642.2	650.0	783.1	960.4	1049.1	1209.9	1531.6
127.5°	681.0	649.5	618.0	649.5	681.0	688.9	804.3	958.0	1034.8	1172.9	1449.1
130°	706.3	672.4	638.4	672.4	706.3	714.8	819.6	959.4	1029.3	1152.2	1398.1
132.5°	727.5	693.6	659.6	693.6	727.5	736.0	832.2	960.4	1024.5	1134.6	1354.7
135°	752.8	721.9	691.0	721.9	752.8	760.5	845.8	959.5	1016.4	1108.5	1292.9
137.5°	784.3	753.7	723.0	753.7	784.3	792.0	866.3	965.4	1015.0	1092.9	1248.7
140°	806.0	777.8	749.6	777.8	806.0	813.0	878.7	966.4	1010.2	1077.5	1212.1
142.5°	822.3	796.2	770.1	796.2	822.3	828.8	889.3	969.9	1010.2	1069.3	1187.6
145°	846.9	824.2	801.4	824.2	846.9	852.7	902.9	969.9	1003.4	1051.8	1148.5
147.5°	877.2	855.0	832.9	855.0	877.2	882.7	922.9	976.6	1003.4	1041.4	1117.6
150°	893.3	873.4	853.4	873.4	893.3	898.3	933.4	980.0	1003.4	1035.5	1099.8
152.5°	904.8	889.6	874.4	889.6	904.8	908.6	940.2	982.3	1003.4	1030.8	1085.7
155°	928.3	917.1	905.9	917.1	928.3	931.1	955.2	987.3	1003.4	1025.2	1068.9
157.5°	950.8	940.0	929.1	940.0	950.8	953.6	970.2	992.3	1003.4	1020.3	1054.3
160°	961.7	953.2	944.7	953.2	961.7	963.8	977.0	994.6	1003.4	1018.0	1047.0
162.5°	973.2	966.7	960.4	966.7	973.2	974.7	984.3	997.0	1003.4	1015.7	1040.2
165°	989.1	983.3	977.5	983.3	989.1	990.5	994.8	1000.5	1003.4	1012.2	1029.8
167.5°	998.6	995.9	993.2	995.9	998.6	999.3	1002.9	1007.8	1010.2	1016.0	1027.5
170°	1008.8	1006.1	1003.4	1006.1	1008.8	1009.5	1009.8	1010.0	1010.2	1016.0	1027.5
172.5°	1010.0	1009.4	1008.8	1009.4	1010.0	1010.2	1010.2	1010.2	1010.2	1014.8	1023.8
175°	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1014.3	1011.6	1010.2	1013.1	1018.9
177.5°	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1014.8	1012.6	1011.5	1013.8	1018.4
180°	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7	1839.7
2.5°	1775.3	1770.1	1777.1	1757.9	1777.1	1770.1	1775.3	1787.5	1777.1	1784.0	1790.9
5°	1557.8	1549.1	1521.2	1498.6	1521.2	1549.1	1557.8	1594.3	1611.7	1643.0	1684.8
7.5°	1392.4	1385.4	1378.5	1364.5	1378.5	1385.4	1392.4	1402.8	1420.2	1448.1	1479.4
10°	1355.8	1357.6	1368.0	1366.3	1368.0	1357.6	1355.8	1352.4	1347.1	1352.4	1371.6
12.5°	1449.8	1465.5	1523.0	1519.5	1523.0	1465.5	1449.8	1380.3	1333.3	1324.6	1328.0
15°	1557.8	1562.9	1575.1	1576.9	1575.1	1562.9	1557.8	1529.9	1388.9	1328.0	1308.8
17.5°	1568.2	1570.0	1578.7	1578.7	1578.7	1570.0	1568.2	1556.0	1509.0	1427.2	1319.3
20°	1559.5	1562.9	1580.4	1583.8	1580.4	1562.9	1559.5	1543.8	1517.7	1488.1	1406.3
22.5°	1556.0	1562.9	1576.9	1575.1	1576.9	1562.9	1556.0	1531.7	1509.0	1488.1	1455.1
25°	1538.6	1538.6	1540.4	1542.1	1540.4	1538.6	1538.6	1519.5	1474.2	1469.0	1449.8
27.5°	1502.1	1505.5	1515.9	1514.3	1515.9	1505.5	1502.1	1495.1	1446.4	1441.1	1427.2
30°	1469.0	1465.5	1456.8	1449.8	1456.8	1465.5	1469.0	1458.5	1409.8	1395.9	1399.4
32.5°	1413.3	1404.6	1395.9	1390.7	1395.9	1404.6	1413.3	1409.8	1373.2	1354.1	1357.6
35°	1347.1	1348.9	1347.1	1342.0	1347.1	1348.9	1347.1	1350.7	1328.0	1310.6	1308.8
37.5°	1300.1	1303.7	1301.9	1295.0	1301.9	1303.7	1300.1	1296.6	1265.4	1260.1	1263.6
40°	1251.4	1253.2	1251.4	1246.2	1251.4	1253.2	1251.4	1244.5	1201.0	1202.7	1214.9
42.5°	1204.4	1202.7	1197.5	1194.0	1197.5	1202.7	1204.4	1194.0	1138.3	1133.1	1155.7
45°	1150.5	1152.2	1141.8	1136.5	1141.8	1152.2	1150.5	1143.5	1086.1	1072.1	1087.8
47.5°	1096.6	1096.6	1087.8	1082.6	1087.8	1096.6	1096.6	1087.8	1026.9	1012.9	1021.6
50°	1039.1	1037.4	1025.2	1023.4	1025.2	1037.4	1039.1	1033.8	969.5	957.3	957.3
52.5°	973.0	973.0	974.7	978.2	974.7	973.0	973.0	974.7	917.2	905.1	901.6
55°	915.5	917.2	929.4	932.9	929.4	917.2	915.5	915.5	863.3	851.1	844.1
57.5°	856.3	856.3	865.0	865.0	865.0	856.3	856.3	852.8	802.4	792.0	788.5
60°	788.5	792.0	798.9	797.1	798.9	792.0	788.5	784.9	741.5	734.5	722.3
62.5°	717.0	720.6	722.3	718.8	722.3	720.6	717.0	706.7	680.5	675.3	659.7
65°	642.2	645.7	647.5	644.0	647.5	645.7	642.2	637.0	617.9	609.2	595.2
67.5°	565.6	564.0	562.2	569.1	562.2	564.0	565.6	558.7	546.5	539.5	520.4
70°	487.4	487.4	485.6	489.0	485.6	487.4	487.4	482.1	475.2	470.0	452.5
72.5°	403.8	402.1	409.0	403.8	409.0	402.1	403.8	402.1	398.6	393.4	375.9
75°	322.0	325.5	322.0	327.3	322.0	325.5	322.0	323.7	322.0	318.5	306.4
77.5°	245.4	248.9	245.4	245.4	245.4	248.9	245.4	247.2	247.2	247.2	236.7
80°	174.1	172.3	172.3	170.6	172.3	172.3	174.1	174.1	175.7	172.3	168.8
82.5°	111.4	109.6	109.6	113.1	109.6	109.6	111.4	113.1	109.6	109.6	109.6
85°	61.0	62.6	59.2	59.2	59.2	62.6	61.0	57.4	61.0	61.0	59.2
87.5°	22.7	20.9	20.9	20.9	20.9	20.9	22.7	24.3	24.3	24.3	26.1
90°	25.9	25.9	25.9	25.9	25.9	25.9	25.9	34.5	46.0	51.8	44.5
92.5°	129.6	124.5	103.8	83.2	103.8	124.5	129.6	183.7	255.8	291.9	256.3
95°	439.9	424.3	361.9	299.4	361.9	424.3	439.9	577.7	761.5	853.4	720.7
97.5°	1015.7	986.0	867.1	748.3	867.1	986.0	1015.7	1102.8	1218.9	1277.0	1055.8
100°	1426.3	1390.9	1249.4	1107.8	1249.4	1390.9	1426.3	1419.9	1411.4	1407.2	1161.8
102.5°	1776.9	1746.6	1625.3	1504.1	1625.3	1746.6	1776.9	1666.0	1518.0	1444.0	1195.1
105°	2186.2	2169.8	2104.7	2039.5	2104.7	2169.8	2186.2	1937.4	1605.8	1440.0	1199.0
107.5°	2399.0	2402.9	2418.7	2434.5	2418.7	2402.9	2399.0	2052.1	1589.5	1358.1	1145.6
110°	2453.6	2470.6	2538.5	2606.4	2538.5	2470.6	2453.6	2065.7	1548.4	1289.9	1098.2



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2418.8	2444.8	2549.1	2653.4	2549.1	2444.8	2418.8	2021.8	1492.4	1227.8	1056.9
115°	2300.8	2337.0	2481.6	2626.1	2481.6	2337.0	2300.8	1918.4	1408.4	1153.5	1009.6
117.5°	2137.8	2177.8	2338.2	2498.6	2338.2	2177.8	2137.8	1792.6	1332.4	1102.3	979.9
120°	2027.9	2066.9	2222.7	2378.5	2222.7	2066.9	2027.9	1712.5	1292.1	1081.8	969.9
122.5°	1918.1	1956.5	2110.2	2263.9	2110.2	1956.5	1918.1	1634.2	1255.5	1066.2	964.7
125°	1772.9	1808.2	1949.8	2091.4	1949.8	1808.2	1772.9	1531.6	1209.9	1049.1	960.4
127.5°	1656.2	1686.1	1805.5	1925.0	1805.5	1686.1	1656.2	1449.1	1172.9	1034.8	958.0
130°	1582.5	1610.1	1720.5	1830.8	1720.5	1610.1	1582.5	1398.1	1152.2	1029.3	959.4
132.5°	1519.7	1544.4	1643.3	1742.1	1643.3	1544.4	1519.7	1354.7	1134.6	1024.5	960.4
135°	1431.1	1452.4	1537.6	1622.7	1537.6	1452.4	1431.1	1292.9	1108.5	1016.4	959.5
137.5°	1365.6	1383.0	1452.7	1522.4	1452.7	1383.0	1365.6	1248.7	1092.9	1015.0	965.4
140°	1313.1	1329.4	1394.6	1459.7	1394.6	1329.4	1313.1	1212.1	1077.5	1010.2	966.4
142.5°	1276.3	1290.3	1346.3	1402.5	1346.3	1290.3	1276.3	1187.6	1069.3	1010.2	969.9
145°	1221.0	1231.6	1274.1	1316.5	1274.1	1231.6	1221.0	1148.5	1051.8	1003.4	969.9
147.5°	1174.6	1183.4	1218.6	1253.8	1218.6	1183.4	1174.6	1117.6	1041.4	1003.4	976.6
150°	1148.0	1155.1	1183.7	1212.1	1183.7	1155.1	1148.0	1099.8	1035.5	1003.4	980.0
152.5°	1126.9	1132.2	1153.7	1175.3	1153.7	1132.2	1126.9	1085.7	1030.8	1003.4	982.3
155°	1101.7	1105.3	1119.5	1133.7	1119.5	1105.3	1101.7	1068.9	1025.2	1003.4	987.3
157.5°	1079.8	1082.2	1092.3	1102.3	1092.3	1082.2	1079.8	1054.3	1020.3	1003.4	992.3
160°	1068.9	1070.3	1076.1	1081.8	1076.1	1070.3	1068.9	1047.0	1018.0	1003.4	994.6
162.5°	1058.6	1060.0	1065.5	1070.9	1065.5	1060.0	1058.6	1040.2	1015.7	1003.4	997.0
165°	1043.0	1044.4	1050.2	1055.9	1050.2	1044.4	1043.0	1029.8	1012.2	1003.4	1000.5
167.5°	1036.1	1036.7	1039.1	1041.6	1039.1	1036.7	1036.1	1027.5	1016.0	1010.2	1007.8
170°	1036.1	1036.1	1036.1	1036.1	1036.1	1036.1	1036.1	1027.5	1016.0	1010.2	1010.0
172.5°	1030.7	1030.2	1028.1	1025.9	1028.1	1030.2	1030.7	1023.8	1014.8	1010.2	1010.2
175°	1023.2	1023.2	1023.2	1023.2	1023.2	1023.2	1023.2	1018.9	1013.1	1010.2	1011.6
177.5°	1021.8	1021.2	1018.8	1016.4	1018.8	1021.2	1021.8	1018.4	1013.8	1011.5	1012.6
180°	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4	1016.4



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1839.7	1839.7	1839.7	1839.7	1839.7
2.5°	1817.1	1825.8	1831.0	1837.9	1855.4
5°	1747.5	1780.6	1790.9	1817.1	1848.4
7.5°	1594.3	1695.2	1723.1	1785.8	1834.5
10°	1446.4	1547.3	1596.0	1744.0	1817.1
12.5°	1371.6	1430.7	1463.8	1670.9	1792.7
15°	1324.6	1366.3	1390.7	1573.4	1764.9
17.5°	1287.9	1317.5	1334.9	1477.7	1726.6
20°	1265.4	1279.2	1295.0	1408.1	1683.1
22.5°	1249.6	1241.0	1253.2	1359.3	1623.9
25°	1239.3	1206.2	1220.1	1321.1	1554.2
27.5°	1248.0	1174.8	1180.1	1286.3	1481.2
30°	1249.6	1136.5	1138.3	1249.6	1399.4
32.5°	1237.5	1096.6	1098.2	1204.4	1307.1
35°	1207.9	1049.5	1047.8	1152.2	1181.8
37.5°	1167.9	999.1	999.1	1094.8	1044.3
40°	1119.1	948.6	953.8	1020.0	922.5
42.5°	1059.9	894.6	901.6	920.7	831.9
45°	995.6	842.4	847.6	778.0	762.4
47.5°	924.2	788.5	790.2	645.7	739.7
50°	839.0	732.8	725.8	553.5	737.9
52.5°	764.1	671.8	650.9	501.2	670.1
55°	691.0	607.4	562.2	461.2	621.4
57.5°	626.6	523.9	480.3	414.2	610.9
60°	567.4	442.0	409.0	363.8	560.4
62.5°	518.6	381.2	374.2	328.9	508.2
65°	466.5	339.4	337.6	299.3	431.7
67.5°	416.0	311.5	309.8	271.5	328.9
70°	362.0	281.9	278.5	242.0	243.6
72.5°	306.4	248.9	245.4	217.6	201.9
75°	250.7	210.6	208.9	189.7	163.6
77.5°	196.7	167.1	170.6	153.2	120.1
80°	141.0	121.8	125.3	109.6	90.5
82.5°	94.0	80.1	83.5	69.6	61.0
85°	52.3	45.2	47.0	36.5	27.8
87.5°	24.3	20.9	20.9	14.0	8.7
90°	30.0	19.1	17.7	12.3	6.9
92.5°	185.1	131.7	120.1	73.7	27.3
95°	455.4	256.5	235.2	150.4	65.5
97.5°	613.4	281.7	263.0	188.0	113.2
100°	670.9	302.8	285.9	218.0	150.1
102.5°	697.4	324.0	308.2	244.8	181.5
105°	716.9	355.4	341.9	288.3	234.7
107.5°	720.6	401.7	389.3	339.2	289.2
110°	715.0	427.6	416.3	371.2	326.0



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	715.3	459.1	448.3	405.2	362.2
115°	722.0	506.2	496.2	456.5	416.8
117.5°	735.3	551.8	542.8	506.8	470.7
120°	746.2	578.4	569.9	536.0	502.0
122.5°	761.9	609.8	601.3	567.0	532.8
125°	783.1	650.0	642.2	611.0	579.8
127.5°	804.3	688.9	681.0	649.5	618.0
130°	819.6	714.8	706.3	672.4	638.4
132.5°	832.2	736.0	727.5	693.6	659.6
135°	845.8	760.5	752.8	721.9	691.0
137.5°	866.3	792.0	784.3	753.7	723.0
140°	878.7	813.0	806.0	777.8	749.6
142.5°	889.3	828.8	822.3	796.2	770.1
145°	902.9	852.7	846.9	824.2	801.4
147.5°	922.9	882.7	877.2	855.0	832.9
150°	933.4	898.3	893.3	873.4	853.4
152.5°	940.2	908.6	904.8	889.6	874.4
155°	955.2	931.1	928.3	917.1	905.9
157.5°	970.2	953.6	950.8	940.0	929.1
160°	977.0	963.8	961.7	953.2	944.7
162.5°	984.3	974.7	973.2	966.7	960.4
165°	994.8	990.5	989.1	983.3	977.5
167.5°	1002.9	999.3	998.6	995.9	993.2
170°	1009.8	1009.5	1008.8	1006.1	1003.4
172.5°	1010.2	1010.2	1010.0	1009.4	1008.8
175°	1014.3	1016.4	1016.4	1016.4	1016.4
177.5°	1014.8	1016.4	1016.4	1016.4	1016.4
180°	1016.4	1016.4	1016.4	1016.4	1016.4



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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	12.47	13.26	13.49	14.29	15.67	15.29	16.08	16.31	17.12	18.50
	3H	12.94	13.65	13.97	14.69	16.09	16.63	17.34	17.66	18.38	19.78
	4H	13.13	13.80	14.17	14.84	16.25	17.07	17.74	18.11	18.79	20.19
	6H	13.24	13.86	14.30	14.91	16.33	17.35	17.97	18.40	19.02	20.44
	8H	13.24	13.83	14.30	14.89	16.31	17.42	18.01	18.48	19.07	20.49
	12H	13.21	13.77	14.27	14.83	16.27	17.46	18.02	18.52	19.07	20.51
4H	2H	13.49	14.16	14.54	15.20	16.61	15.69	16.37	16.74	17.41	18.82
	3H	14.51	15.07	15.57	16.14	17.56	17.19	17.75	18.25	18.82	20.24
	4H	14.78	15.30	15.85	16.36	17.80	17.71	18.23	18.78	19.29	20.73
	6H	14.90	15.35	15.98	16.43	17.87	18.07	18.52	19.15	19.60	21.04
	8H	14.91	15.32	15.98	16.40	17.85	18.18	18.59	19.25	19.67	21.12
	12H	14.87	15.25	15.97	16.34	17.79	18.23	18.60	19.32	19.69	21.15
8H	4H	15.23	15.64	16.31	16.72	18.17	17.83	18.25	18.91	19.32	20.78
	6H	15.49	15.83	16.59	16.95	18.40	18.26	18.61	19.36	19.72	21.17
	8H	15.53	15.83	16.64	16.93	18.40	18.42	18.71	19.52	19.82	21.29
	12H	15.51	15.77	16.62	16.87	18.38	18.51	18.77	19.62	19.87	21.38
12H	4H	15.23	15.61	16.33	16.70	18.15	17.79	18.17	18.89	19.26	20.72
	6H	15.55	15.85	16.65	16.95	18.42	18.26	18.56	19.37	19.66	21.13
	8H	15.61	15.88	16.72	16.97	18.48	18.42	18.68	19.53	19.78	21.29