

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: P935619

Luminaire Tested: SQ4-FA-125U-100D-840-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935619
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-840-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

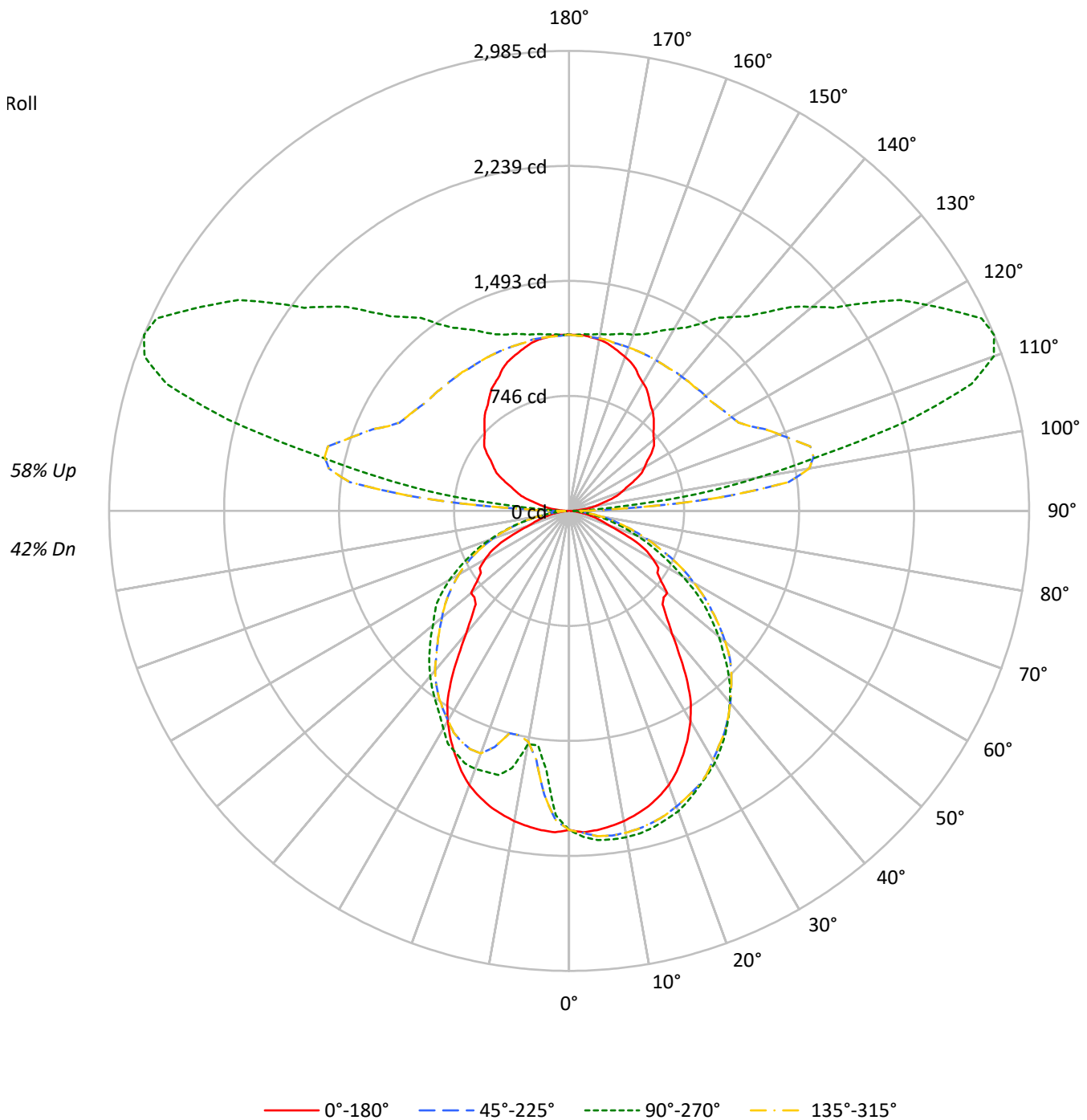
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12781.7 lumens
Efficiency: N/A
Efficacy: 132.3 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





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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12802	12802	12802	12802
5°	12893	12923	12893	10161
10°	12803	12730	12803	9101
15°	12658	12454	12658	10400
20°	12389	12127	12389	10421
25°	11842	11651	11842	10200
30°	11138	11255	11138	9716
35°	9924	10754	9924	9183
40°	8264	10166	8264	8780
45°	7380	9476	7380	8317
50°	7833	8654	7833	7852
55°	7364	7767	7364	7584
60°	7581	6597	7581	6946
65°	6863	5453	6863	6096
70°	4741	4346	4741	5109
75°	4143	3213	4143	3847
80°	3313	2125	3313	2313
85°	1866	1125	1866	957

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11318 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	186.8	1.5
10°-20°	530.4	4.1
20°-30°	819.9	6.4
30°-40°	978.8	7.7
40°-50°	984.5	7.7
50°-60°	856.7	6.7
60°-70°	607.4	4.8
70°-80°	321.3	2.5
80°-90°	84.4	0.7
90°-100°	557.3	4.4
100°-110°	1465.2	11.5
110°-120°	1519.2	11.9
120°-130°	1218.6	9.5
130°-140°	956.2	7.5
140°-150°	733.9	5.7
150°-160°	528.5	4.1
160°-170°	323.4	2.5
170°-180°	109.3	0.9
0°-30°	1537.1	12.0
0°-40°	2515.9	19.7
0°-60°	4357.1	34.1
0°-90°	5370.2	42.0
90°-120°	3541.7	27.7
90°-150°	6450.4	50.5
90°-180°	7412.0	58.0
0°-180°	12781.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2070	2070	2070	2070	2070	
5°	2079	2144	2079	1686	2079	197
15°	1985	2124	1985	1774	1985	559
25°	1748	1981	1748	1735	1748	803
35°	1330	1768	1330	1510	1330	822
45°	858	1457	858	1278	858	687
55°	699	1075	699	1050	699	642
65°	486	648	486	724	486	464
75°	184	307	184	368	184	194
85°	31	78	31	67	31	42
90°	8	29	8	29	8	8
95°	74	337	74	337	74	82
105°	264	2294	264	2294	264	280
115°	469	2954	469	2954	469	463
125°	652	2353	652	2353	652	579
135°	777	1825	777	1825	777	601
145°	902	1481	902	1481	902	565
155°	1019	1275	1019	1275	1019	468
165°	1100	1188	1100	1188	1100	310
175°	1143	1151	1143	1151	1143	109
180°	1143	1143	1143	1143	1143	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5
2.5°	2087.2	2087.2	2098.9	2102.8	2102.8	2096.9	2091.0	2096.9	2114.5	2120.4	2118.5
5°	2079.2	2095.0	2116.5	2120.4	2124.3	2122.3	2118.5	2122.3	2141.9	2145.8	2147.8
7.5°	2063.6	2093.0	2120.4	2126.3	2132.1	2126.3	2124.3	2128.3	2147.8	2151.8	2151.8
10°	2044.1	2085.2	2116.5	2120.4	2126.3	2120.4	2120.4	2128.3	2147.8	2151.8	2153.6
12.5°	2016.6	2073.4	2102.8	2106.7	2114.5	2112.5	2110.6	2118.5	2138.0	2141.9	2141.9
15°	1985.3	2051.9	2079.2	2083.2	2096.9	2093.0	2093.0	2100.8	2122.3	2128.3	2126.3
17.5°	1942.2	2024.4	2055.8	2061.7	2071.4	2069.5	2071.4	2079.2	2098.9	2102.8	2104.7
20°	1893.3	1987.3	2024.4	2030.3	2040.1	2040.1	2040.1	2049.9	2069.5	2077.4	2077.4
22.5°	1826.7	1948.1	1987.3	1991.2	2003.0	2003.0	2006.8	2020.6	2038.1	2040.1	2040.1
25°	1748.4	1905.1	1938.4	1950.0	1961.8	1967.7	1973.5	1981.4	1987.3	1985.3	1987.3
27.5°	1666.2	1850.2	1893.3	1901.1	1916.8	1922.6	1930.5	1932.4	1934.4	1940.2	1936.4
30°	1574.2	1773.9	1838.5	1846.3	1871.8	1875.6	1867.8	1871.8	1881.5	1885.5	1889.4
32.5°	1470.3	1660.3	1781.7	1799.3	1822.8	1811.0	1809.1	1815.0	1830.7	1830.7	1834.5
35°	1329.5	1572.2	1728.8	1744.5	1762.1	1748.4	1756.3	1758.1	1767.9	1773.9	1771.9
37.5°	1174.7	1495.8	1674.0	1685.7	1699.5	1681.9	1693.5	1699.5	1707.3	1703.4	1703.4
40°	1037.7	1376.4	1609.4	1617.3	1629.0	1615.3	1627.0	1630.9	1634.8	1630.9	1629.0
42.5°	935.8	1245.2	1540.9	1550.7	1542.9	1552.6	1556.5	1564.4	1558.5	1550.7	1550.7
45°	857.6	1210.0	1466.5	1478.2	1466.5	1482.1	1488.0	1488.0	1470.3	1466.5	1464.5
47.5°	832.1	1139.5	1392.1	1392.1	1386.2	1405.7	1415.5	1401.9	1384.2	1378.4	1378.4
50°	830.1	1061.2	1290.2	1282.4	1309.8	1333.3	1323.5	1309.8	1296.2	1274.6	1274.6
52.5°	753.7	965.3	1159.0	1188.5	1231.5	1245.2	1229.6	1215.8	1192.3	1182.5	1174.7
55°	699.0	865.4	1039.7	1098.4	1143.4	1161.0	1131.7	1117.9	1082.7	1076.8	1073.0
57.5°	687.3	720.5	930.0	1004.4	1059.2	1057.3	1039.7	1014.2	984.8	978.9	977.0
60°	630.4	520.8	812.5	900.7	957.4	951.5	935.8	912.4	885.0	881.1	877.1
62.5°	571.7	377.9	679.3	779.2	859.6	857.6	843.9	808.6	789.0	779.2	771.4
65°	485.6	317.1	483.6	648.0	763.6	767.5	738.1	712.6	691.1	679.3	677.5
67.5°	370.0	258.5	326.9	540.3	671.5	667.7	630.4	618.7	591.3	585.4	573.6
70°	274.1	172.3	227.1	438.6	581.5	571.7	542.3	528.7	503.2	489.5	481.6
72.5°	227.1	139.0	166.4	340.7	489.5	477.7	452.3	436.6	415.1	403.3	395.5
75°	184.1	146.8	127.3	252.5	397.5	389.7	366.2	350.4	332.9	317.1	319.1
77.5°	135.1	137.0	101.8	186.0	315.2	303.5	289.8	270.2	262.3	246.7	246.7
80°	101.8	107.7	76.4	127.3	227.1	227.1	215.4	201.7	187.9	180.1	180.1
82.5°	68.6	68.6	56.8	80.2	154.7	148.8	141.0	137.0	129.2	125.3	125.3
85°	31.3	39.1	35.3	48.9	84.2	88.1	88.1	84.2	82.2	78.3	80.2
87.5°	9.8	17.6	21.5	27.4	43.1	45.1	47.0	47.0	47.0	48.9	48.9
90°	7.7	13.8	20.0	21.4	33.7	50.1	58.3	51.8	38.8	29.1	29.1
92.5°	30.7	82.9	135.1	148.1	208.2	288.3	328.4	287.8	206.7	145.8	140.0
95°	73.7	169.1	264.6	288.5	512.3	810.8	959.9	856.6	649.9	494.9	477.3
97.5°	127.4	211.5	295.8	316.9	690.0	1187.7	1436.5	1371.1	1240.5	1142.5	1109.1
100°	168.8	245.2	321.6	340.7	754.7	1306.9	1583.0	1587.7	1597.3	1604.4	1564.6
102.5°	204.1	275.4	346.7	364.5	784.5	1344.4	1624.4	1707.6	1874.0	1998.8	1964.7
105°	264.0	324.4	384.6	399.7	806.4	1348.7	1619.8	1806.4	2179.4	2459.2	2440.9
107.5°	325.3	381.6	437.9	451.9	810.6	1288.6	1527.7	1788.0	2308.4	2698.6	2703.1
110°	366.7	417.5	468.3	481.1	804.3	1235.4	1451.0	1741.8	2323.7	2760.1	2779.1



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	407.5	455.9	504.3	516.4	804.6	1189.0	1381.1	1678.8	2274.3	2720.9	2750.2
115°	468.8	513.5	558.2	569.4	812.1	1135.7	1297.5	1584.4	2158.0	2588.2	2628.9
117.5°	529.5	570.1	610.6	620.8	827.2	1102.3	1239.9	1498.8	2016.5	2404.8	2449.8
120°	564.7	603.0	641.1	650.7	839.4	1091.0	1216.9	1453.4	1926.4	2281.2	2325.1
122.5°	599.3	637.9	676.4	686.0	857.1	1085.2	1199.3	1412.3	1838.3	2157.7	2200.9
125°	652.2	687.4	722.4	731.2	880.9	1080.4	1180.2	1361.1	1722.9	1994.3	2034.1
127.5°	695.2	730.6	766.1	775.0	904.7	1077.6	1164.1	1319.4	1630.1	1863.1	1896.7
130°	718.2	756.4	794.5	804.1	922.0	1079.2	1157.8	1296.2	1572.7	1780.2	1811.2
132.5°	742.0	780.2	818.4	827.9	936.1	1080.4	1152.5	1276.3	1523.9	1709.5	1737.3
135°	777.3	812.0	846.8	855.5	951.4	1079.4	1143.3	1247.0	1454.3	1609.8	1633.8
137.5°	813.3	847.8	882.3	890.9	974.5	1086.0	1141.7	1229.4	1404.6	1536.1	1555.7
140°	843.3	875.0	906.7	914.6	988.5	1087.1	1136.4	1212.1	1363.5	1477.1	1495.4
142.5°	866.3	895.6	925.0	932.3	1000.4	1091.0	1136.4	1202.9	1335.9	1435.7	1451.5
145°	901.6	927.1	952.7	959.2	1015.7	1091.0	1128.7	1183.1	1291.9	1373.5	1385.5
147.5°	936.9	961.8	986.7	992.9	1038.2	1098.6	1128.7	1171.5	1257.1	1321.4	1331.2
150°	959.9	982.5	1004.9	1010.5	1049.9	1102.4	1128.7	1164.9	1237.2	1291.4	1299.4
152.5°	983.7	1000.7	1017.8	1022.1	1057.7	1105.0	1128.7	1159.5	1221.3	1267.6	1273.6
155°	1019.0	1031.7	1044.2	1047.4	1074.4	1110.6	1128.7	1153.3	1202.4	1239.2	1243.3
157.5°	1045.1	1057.4	1069.6	1072.7	1091.3	1116.2	1128.7	1147.8	1186.0	1214.6	1217.4
160°	1062.7	1072.3	1081.9	1084.2	1099.1	1118.8	1128.7	1145.1	1177.8	1202.4	1204.0
162.5°	1080.4	1087.5	1094.7	1096.5	1107.3	1121.6	1128.7	1142.5	1170.1	1190.8	1192.4
165°	1099.5	1106.1	1112.6	1114.2	1119.0	1125.4	1128.7	1138.6	1158.4	1173.2	1174.8
167.5°	1117.2	1120.3	1123.4	1124.1	1128.2	1133.6	1136.4	1142.9	1155.9	1165.5	1166.2
170°	1128.7	1131.8	1134.8	1135.6	1135.9	1136.2	1136.4	1142.9	1155.9	1165.5	1165.5
172.5°	1134.8	1135.5	1136.2	1136.4	1136.4	1136.4	1136.4	1141.5	1151.7	1159.4	1158.8
175°	1143.3	1143.3	1143.3	1143.3	1141.0	1138.0	1136.4	1139.7	1146.2	1151.0	1151.0
177.5°	1143.3	1143.3	1143.3	1143.3	1141.5	1139.1	1137.9	1140.4	1145.6	1149.4	1148.7
180°	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5
2.5°	2122.3	2116.5	2122.3	2118.5	2120.4	2114.5	2096.9	2091.0	2096.9	2102.8	2102.8
5°	2147.8	2143.9	2147.8	2147.8	2145.8	2141.9	2122.3	2118.5	2122.3	2124.3	2120.4
7.5°	2155.6	2149.8	2155.6	2151.8	2151.8	2147.8	2128.3	2124.3	2126.3	2132.1	2126.3
10°	2155.6	2149.8	2155.6	2153.6	2151.8	2147.8	2128.3	2120.4	2120.4	2126.3	2120.4
12.5°	2145.8	2141.9	2145.8	2141.9	2141.9	2138.0	2118.5	2110.6	2112.5	2114.5	2106.7
15°	2130.2	2124.3	2130.2	2126.3	2128.3	2122.3	2100.8	2093.0	2093.0	2096.9	2083.2
17.5°	2106.7	2098.9	2106.7	2104.7	2102.8	2098.9	2079.2	2071.4	2069.5	2071.4	2061.7
20°	2079.2	2073.4	2079.2	2077.4	2077.4	2069.5	2049.9	2040.1	2040.1	2040.1	2030.3
22.5°	2036.2	2030.3	2036.2	2040.1	2040.1	2038.1	2020.6	2006.8	2003.0	2003.0	1991.2
25°	1987.3	1981.4	1987.3	1987.3	1985.3	1987.3	1981.4	1973.5	1967.7	1961.8	1950.0
27.5°	1940.2	1936.4	1940.2	1936.4	1940.2	1934.4	1932.4	1930.5	1922.6	1916.8	1901.1
30°	1893.3	1889.4	1893.3	1889.4	1885.5	1881.5	1871.8	1867.8	1875.6	1871.8	1846.3
32.5°	1834.5	1830.7	1834.5	1834.5	1830.7	1830.7	1815.0	1809.1	1811.0	1822.8	1799.3
35°	1773.9	1767.9	1773.9	1771.9	1773.9	1767.9	1758.1	1756.3	1748.4	1762.1	1744.5
37.5°	1703.4	1697.5	1703.4	1703.4	1703.4	1707.3	1699.5	1693.5	1681.9	1699.5	1685.7
40°	1630.9	1623.1	1630.9	1629.0	1630.9	1634.8	1630.9	1627.0	1615.3	1629.0	1617.3
42.5°	1548.7	1546.7	1548.7	1550.7	1550.7	1558.5	1564.4	1556.5	1552.6	1542.9	1550.7
45°	1460.6	1456.7	1460.6	1464.5	1466.5	1470.3	1488.0	1488.0	1482.1	1466.5	1478.2
47.5°	1366.6	1356.8	1366.6	1378.4	1378.4	1384.2	1401.9	1415.5	1405.7	1386.2	1392.1
50°	1266.7	1268.7	1266.7	1274.6	1274.6	1296.2	1309.8	1323.5	1333.3	1309.8	1282.4
52.5°	1168.9	1166.9	1168.9	1174.7	1182.5	1192.3	1215.8	1229.6	1245.2	1231.5	1188.5
55°	1071.0	1074.8	1071.0	1073.0	1076.8	1082.7	1117.9	1131.7	1161.0	1143.4	1098.4
57.5°	973.1	967.2	973.1	977.0	978.9	984.8	1014.2	1039.7	1057.3	1059.2	1004.4
60°	859.6	851.7	859.6	877.1	881.1	885.0	912.4	935.8	951.5	957.4	900.7
62.5°	759.7	745.9	759.7	771.4	779.2	789.0	808.6	843.9	857.6	859.6	779.2
65°	654.0	648.0	654.0	677.5	679.3	691.1	712.6	738.1	767.5	763.6	648.0
67.5°	558.0	558.0	558.0	573.6	585.4	591.3	618.7	630.4	667.7	671.5	540.3
70°	469.9	467.9	469.9	481.6	489.5	503.2	528.7	542.3	571.7	581.5	438.6
72.5°	385.7	383.7	385.7	395.5	403.3	415.1	436.6	452.3	477.7	489.5	340.7
75°	311.3	307.4	311.3	319.1	317.1	332.9	350.4	366.2	389.7	397.5	252.5
77.5°	238.9	238.9	238.9	246.7	246.7	262.3	270.2	289.8	303.5	315.2	186.0
80°	178.1	176.3	178.1	180.1	180.1	187.9	201.7	215.4	227.1	227.1	127.3
82.5°	125.3	121.4	125.3	125.3	125.3	129.2	137.0	141.0	148.8	154.7	80.2
85°	78.3	78.3	78.3	80.2	78.3	82.2	84.2	88.1	88.1	84.2	48.9
87.5°	50.9	48.9	50.9	48.9	48.9	47.0	47.0	47.0	45.1	43.1	27.4
90°	29.1	29.1	29.1	29.1	29.1	38.8	51.8	58.3	50.1	33.7	21.4
92.5°	116.8	93.6	116.8	140.0	145.8	206.7	287.8	328.4	288.3	208.2	148.1
95°	407.1	336.8	407.1	477.3	494.9	649.9	856.6	959.9	810.8	512.3	288.5
97.5°	975.5	841.8	975.5	1109.1	1142.5	1240.5	1371.1	1436.5	1187.7	690.0	316.9
100°	1405.4	1246.2	1405.4	1564.6	1604.4	1597.3	1587.7	1583.0	1306.9	754.7	340.7
102.5°	1828.3	1692.0	1828.3	1964.7	1998.8	1874.0	1707.6	1624.4	1344.4	784.5	364.5
105°	2367.5	2294.2	2367.5	2440.9	2459.2	2179.4	1806.4	1619.8	1348.7	806.4	399.7
107.5°	2720.8	2738.5	2720.8	2703.1	2698.6	2308.4	1788.0	1527.7	1288.6	810.6	451.9
110°	2855.5	2931.9	2855.5	2779.1	2760.1	2323.7	1741.8	1451.0	1235.4	804.3	481.1



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CATALOG NUMBER: SQ4-FA-125U-100D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2867.5	2984.8	2867.5	2750.2	2720.9	2274.3	1678.8	1381.1	1189.0	804.6	516.4
115°	2791.5	2954.1	2791.5	2628.9	2588.2	2158.0	1584.4	1297.5	1135.7	812.1	569.4
117.5°	2630.3	2810.7	2630.3	2449.8	2404.8	2016.5	1498.8	1239.9	1102.3	827.2	620.8
120°	2500.3	2675.6	2500.3	2325.1	2281.2	1926.4	1453.4	1216.9	1091.0	839.4	650.7
122.5°	2373.8	2546.7	2373.8	2200.9	2157.7	1838.3	1412.3	1199.3	1085.2	857.1	686.0
125°	2193.4	2352.6	2193.4	2034.1	1994.3	1722.9	1361.1	1180.2	1080.4	880.9	731.2
127.5°	2031.0	2165.4	2031.0	1896.7	1863.1	1630.1	1319.4	1164.1	1077.6	904.7	775.0
130°	1935.4	2059.5	1935.4	1811.2	1780.2	1572.7	1296.2	1157.8	1079.2	922.0	804.1
132.5°	1848.5	1959.7	1848.5	1737.3	1709.5	1523.9	1276.3	1152.5	1080.4	936.1	827.9
135°	1729.6	1825.4	1729.6	1633.8	1609.8	1454.3	1247.0	1143.3	1079.4	951.4	855.5
137.5°	1634.2	1712.6	1634.2	1555.7	1536.1	1404.6	1229.4	1141.7	1086.0	974.5	890.9
140°	1568.7	1642.1	1568.7	1495.4	1477.1	1363.5	1212.1	1136.4	1087.1	988.5	914.6
142.5°	1514.5	1577.6	1514.5	1451.5	1435.7	1335.9	1202.9	1136.4	1091.0	1000.4	932.3
145°	1433.2	1480.9	1433.2	1385.5	1373.5	1291.9	1183.1	1128.7	1091.0	1015.7	959.2
147.5°	1370.8	1410.4	1370.8	1331.2	1321.4	1257.1	1171.5	1128.7	1098.6	1038.2	992.9
150°	1331.5	1363.5	1331.5	1299.4	1291.4	1237.2	1164.9	1128.7	1102.4	1049.9	1010.5
152.5°	1297.8	1322.0	1297.8	1273.6	1267.6	1221.3	1159.5	1128.7	1105.0	1057.7	1022.1
155°	1259.3	1275.3	1259.3	1243.3	1239.2	1202.4	1153.3	1128.7	1110.6	1074.4	1047.4
157.5°	1228.7	1239.9	1228.7	1217.4	1214.6	1186.0	1147.8	1128.7	1116.2	1091.3	1072.7
160°	1210.5	1216.9	1210.5	1204.0	1202.4	1177.8	1145.1	1128.7	1118.8	1099.1	1084.2
162.5°	1198.5	1204.7	1198.5	1192.4	1190.8	1170.1	1142.5	1128.7	1121.6	1107.3	1096.5
165°	1181.4	1187.8	1181.4	1174.8	1173.2	1158.4	1138.6	1128.7	1125.4	1119.0	1114.2
167.5°	1168.9	1171.7	1168.9	1166.2	1165.5	1155.9	1142.9	1136.4	1133.6	1128.2	1124.1
170°	1165.5	1165.5	1165.5	1165.5	1165.5	1155.9	1142.9	1136.4	1136.2	1135.9	1135.6
172.5°	1156.5	1154.1	1156.5	1158.8	1159.4	1151.7	1141.5	1136.4	1136.4	1136.4	1136.4
175°	1151.0	1151.0	1151.0	1151.0	1151.0	1146.2	1139.7	1136.4	1138.0	1141.0	1143.3
177.5°	1146.1	1143.3	1146.1	1148.7	1149.4	1145.6	1140.4	1137.9	1139.1	1141.5	1143.3
180°	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3



TEST NUMBER: P935619

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5
2.5°	2098.9	2087.2	2087.2	2067.5	2059.7	2053.9	2044.1	2014.6	2006.8	1999.0	2010.8
5°	2116.5	2095.0	2079.2	2044.1	2014.6	2003.0	1965.7	1895.3	1848.3	1813.0	1793.4
7.5°	2120.4	2093.0	2063.6	2008.8	1938.4	1906.9	1793.4	1664.2	1629.0	1597.6	1578.0
10°	2116.5	2085.2	2044.1	1961.8	1795.4	1740.6	1627.0	1542.9	1521.3	1515.4	1521.3
12.5°	2102.8	2073.4	2016.6	1879.6	1646.6	1609.4	1542.9	1493.9	1490.0	1499.8	1552.6
15°	2079.2	2051.9	1985.3	1769.9	1564.4	1536.9	1490.0	1472.3	1493.9	1562.4	1721.0
17.5°	2055.8	2024.4	1942.2	1662.2	1501.7	1482.1	1448.8	1484.1	1605.5	1697.5	1750.3
20°	2024.4	1987.3	1893.3	1584.0	1456.7	1439.0	1423.4	1582.0	1674.0	1707.3	1736.6
22.5°	1987.3	1948.1	1826.7	1529.1	1409.7	1395.9	1405.7	1636.8	1674.0	1697.5	1723.0
25°	1938.4	1905.1	1748.4	1486.1	1372.5	1356.8	1394.1	1630.9	1652.4	1658.4	1709.2
27.5°	1893.3	1850.2	1666.2	1446.9	1327.5	1321.5	1403.8	1605.5	1621.1	1627.0	1681.9
30°	1838.5	1773.9	1574.2	1405.7	1280.4	1278.5	1405.7	1574.2	1570.2	1585.9	1640.7
32.5°	1781.7	1660.3	1470.3	1354.8	1235.4	1233.5	1392.1	1527.2	1523.2	1544.7	1585.9
35°	1728.8	1572.2	1329.5	1296.2	1178.7	1180.6	1358.8	1472.3	1474.3	1493.9	1519.3
37.5°	1674.0	1495.8	1174.7	1231.5	1123.8	1123.8	1313.7	1421.4	1417.5	1423.4	1458.6
40°	1609.4	1376.4	1037.7	1147.4	1073.0	1067.0	1258.9	1366.6	1352.9	1351.0	1399.9
42.5°	1540.9	1245.2	935.8	1035.7	1014.2	1006.4	1192.3	1300.0	1274.6	1280.4	1343.1
45°	1466.5	1210.0	857.6	875.2	953.5	947.6	1119.9	1223.6	1206.1	1221.8	1286.4
47.5°	1392.1	1139.5	832.1	726.4	888.9	886.9	1039.7	1149.2	1139.5	1155.2	1223.6
50°	1290.2	1061.2	830.1	622.6	816.5	824.3	943.7	1076.8	1076.8	1090.6	1163.0
52.5°	1159.0	965.3	753.7	563.9	732.2	755.7	859.6	1014.2	1018.1	1031.8	1096.4
55°	1039.7	865.4	699.0	518.8	632.4	683.3	777.3	949.6	957.4	971.1	1029.9
57.5°	930.0	720.5	687.3	465.9	540.3	589.3	704.8	886.9	890.9	902.6	959.3
60°	812.5	520.8	630.4	409.2	460.1	497.3	638.2	812.5	826.3	834.1	883.0
62.5°	679.3	377.9	571.7	370.0	421.0	428.8	583.4	742.1	759.7	765.5	794.9
65°	483.6	317.1	485.6	336.7	379.8	381.8	524.7	669.6	685.3	695.1	716.6
67.5°	326.9	258.5	370.0	305.4	348.5	350.4	467.9	585.4	606.9	614.7	628.5
70°	227.1	172.3	274.1	272.2	313.3	317.1	407.3	509.0	528.7	534.5	542.3
72.5°	166.4	139.0	227.1	244.7	276.0	280.0	344.6	422.9	442.5	448.4	452.3
75°	127.3	146.8	184.1	213.4	234.9	236.9	282.0	344.6	358.2	362.2	364.2
77.5°	101.8	137.0	135.1	172.3	191.9	187.9	221.2	266.3	278.0	278.0	278.0
80°	76.4	107.7	101.8	123.3	141.0	137.0	158.6	189.9	193.8	197.7	195.8
82.5°	56.8	68.6	68.6	78.3	94.0	90.1	105.7	123.3	123.3	123.3	127.3
85°	35.3	39.1	31.3	41.1	52.9	50.9	58.8	66.6	68.6	68.6	64.6
87.5°	21.5	17.6	9.8	15.7	23.5	23.5	27.4	29.3	27.4	27.4	27.4
90°	20.0	13.8	7.7	13.8	20.0	21.4	33.7	50.1	58.3	51.8	38.8
92.5°	135.1	82.9	30.7	82.9	135.1	148.1	208.2	288.3	328.4	287.8	206.7
95°	264.6	169.1	73.7	169.1	264.6	288.5	512.3	810.8	959.9	856.6	649.9
97.5°	295.8	211.5	127.4	211.5	295.8	316.9	690.0	1187.7	1436.5	1371.1	1240.5
100°	321.6	245.2	168.8	245.2	321.6	340.7	754.7	1306.9	1583.0	1587.7	1597.3
102.5°	346.7	275.4	204.1	275.4	346.7	364.5	784.5	1344.4	1624.4	1707.6	1874.0
105°	384.6	324.4	264.0	324.4	384.6	399.7	806.4	1348.7	1619.8	1806.4	2179.4
107.5°	437.9	381.6	325.3	381.6	437.9	451.9	810.6	1288.6	1527.7	1788.0	2308.4
110°	468.3	417.5	366.7	417.5	468.3	481.1	804.3	1235.4	1451.0	1741.8	2323.7



TEST NUMBER: P935619

CATALOG NUMBER: SQ4-FA-125U-100D-840-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	504.3	455.9	407.5	455.9	504.3	516.4	804.6	1189.0	1381.1	1678.8	2274.3
115°	558.2	513.5	468.8	513.5	558.2	569.4	812.1	1135.7	1297.5	1584.4	2158.0
117.5°	610.6	570.1	529.5	570.1	610.6	620.8	827.2	1102.3	1239.9	1498.8	2016.5
120°	641.1	603.0	564.7	603.0	641.1	650.7	839.4	1091.0	1216.9	1453.4	1926.4
122.5°	676.4	637.9	599.3	637.9	676.4	686.0	857.1	1085.2	1199.3	1412.3	1838.3
125°	722.4	687.4	652.2	687.4	722.4	731.2	880.9	1080.4	1180.2	1361.1	1722.9
127.5°	766.1	730.6	695.2	730.6	766.1	775.0	904.7	1077.6	1164.1	1319.4	1630.1
130°	794.5	756.4	718.2	756.4	794.5	804.1	922.0	1079.2	1157.8	1296.2	1572.7
132.5°	818.4	780.2	742.0	780.2	818.4	827.9	936.1	1080.4	1152.5	1276.3	1523.9
135°	846.8	812.0	777.3	812.0	846.8	855.5	951.4	1079.4	1143.3	1247.0	1454.3
137.5°	882.3	847.8	813.3	847.8	882.3	890.9	974.5	1086.0	1141.7	1229.4	1404.6
140°	906.7	875.0	843.3	875.0	906.7	914.6	988.5	1087.1	1136.4	1212.1	1363.5
142.5°	925.0	895.6	866.3	895.6	925.0	932.3	1000.4	1091.0	1136.4	1202.9	1335.9
145°	952.7	927.1	901.6	927.1	952.7	959.2	1015.7	1091.0	1128.7	1183.1	1291.9
147.5°	986.7	961.8	936.9	961.8	986.7	992.9	1038.2	1098.6	1128.7	1171.5	1257.1
150°	1004.9	982.5	959.9	982.5	1004.9	1010.5	1049.9	1102.4	1128.7	1164.9	1237.2
152.5°	1017.8	1000.7	983.7	1000.7	1017.8	1022.1	1057.7	1105.0	1128.7	1159.5	1221.3
155°	1044.2	1031.7	1019.0	1031.7	1044.2	1047.4	1074.4	1110.6	1128.7	1153.3	1202.4
157.5°	1069.6	1057.4	1045.1	1057.4	1069.6	1072.7	1091.3	1116.2	1128.7	1147.8	1186.0
160°	1081.9	1072.3	1062.7	1072.3	1081.9	1084.2	1099.1	1118.8	1128.7	1145.1	1177.8
162.5°	1094.7	1087.5	1080.4	1087.5	1094.7	1096.5	1107.3	1121.6	1128.7	1142.5	1170.1
165°	1112.6	1106.1	1099.5	1106.1	1112.6	1114.2	1119.0	1125.4	1128.7	1138.6	1158.4
167.5°	1123.4	1120.3	1117.2	1120.3	1123.4	1124.1	1128.2	1133.6	1136.4	1142.9	1155.9
170°	1134.8	1131.8	1128.7	1131.8	1134.8	1135.6	1135.9	1136.2	1136.4	1142.9	1155.9
172.5°	1136.2	1135.5	1134.8	1135.5	1136.2	1136.4	1136.4	1136.4	1136.4	1141.5	1151.7
175°	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1141.0	1138.0	1136.4	1139.7	1146.2
177.5°	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1141.5	1139.1	1137.9	1140.4	1145.6
180°	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3



TEST NUMBER: P935619
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5	2069.5
2.5°	1997.0	1991.2	1999.0	1977.5	1999.0	1991.2	1997.0	2010.8	1999.0	2006.8	2014.6
5°	1752.3	1742.5	1711.2	1685.7	1711.2	1742.5	1752.3	1793.4	1813.0	1848.3	1895.3
7.5°	1566.3	1558.5	1550.7	1535.0	1550.7	1558.5	1566.3	1578.0	1597.6	1629.0	1664.2
10°	1525.2	1527.2	1538.9	1536.9	1538.9	1527.2	1525.2	1521.3	1515.4	1521.3	1542.9
12.5°	1630.9	1648.6	1713.2	1709.2	1713.2	1648.6	1630.9	1552.6	1499.8	1490.0	1493.9
15°	1752.3	1758.1	1771.9	1773.9	1771.9	1758.1	1752.3	1721.0	1562.4	1493.9	1472.3
17.5°	1764.1	1766.0	1775.8	1775.8	1775.8	1766.0	1764.1	1750.3	1697.5	1605.5	1484.1
20°	1754.3	1758.1	1777.8	1781.7	1777.8	1758.1	1754.3	1736.6	1707.3	1674.0	1582.0
22.5°	1750.3	1758.1	1773.9	1771.9	1773.9	1758.1	1750.3	1723.0	1697.5	1674.0	1636.8
25°	1730.8	1730.8	1732.8	1734.7	1732.8	1730.8	1730.8	1709.2	1658.4	1652.4	1630.9
27.5°	1689.7	1693.5	1705.3	1703.4	1705.3	1693.5	1689.7	1681.9	1627.0	1621.1	1605.5
30°	1652.4	1648.6	1638.8	1630.9	1638.8	1648.6	1652.4	1640.7	1585.9	1570.2	1574.2
32.5°	1589.8	1580.0	1570.2	1564.4	1570.2	1580.0	1589.8	1585.9	1544.7	1523.2	1527.2
35°	1515.4	1517.4	1515.4	1509.6	1515.4	1517.4	1515.4	1519.3	1493.9	1474.3	1472.3
37.5°	1462.5	1466.5	1464.5	1456.7	1464.5	1466.5	1462.5	1458.6	1423.4	1417.5	1421.4
40°	1407.7	1409.7	1407.7	1401.9	1407.7	1409.7	1407.7	1399.9	1351.0	1352.9	1366.6
42.5°	1354.8	1352.9	1347.0	1343.1	1347.0	1352.9	1354.8	1343.1	1280.4	1274.6	1300.0
45°	1294.2	1296.2	1284.4	1278.5	1284.4	1296.2	1294.2	1286.4	1221.8	1206.1	1223.6
47.5°	1233.5	1233.5	1223.6	1217.8	1223.6	1233.5	1233.5	1223.6	1155.2	1139.5	1149.2
50°	1168.9	1166.9	1153.2	1151.2	1153.2	1166.9	1168.9	1163.0	1090.6	1076.8	1076.8
52.5°	1094.5	1094.5	1096.4	1100.3	1096.4	1094.5	1094.5	1096.4	1031.8	1018.1	1014.2
55°	1029.9	1031.8	1045.5	1049.5	1045.5	1031.8	1029.9	1029.9	971.1	957.4	949.6
57.5°	963.3	963.3	973.1	973.1	973.1	963.3	963.3	959.3	902.6	890.9	886.9
60°	886.9	890.9	898.7	896.7	898.7	890.9	886.9	883.0	834.1	826.3	812.5
62.5°	806.6	810.6	812.5	808.6	812.5	810.6	806.6	794.9	765.5	759.7	742.1
65°	722.4	726.4	728.4	724.4	728.4	726.4	722.4	716.6	695.1	685.3	669.6
67.5°	636.3	634.4	632.4	640.2	632.4	634.4	636.3	628.5	614.7	606.9	585.4
70°	548.2	548.2	546.3	550.1	546.3	548.2	548.2	542.3	534.5	528.7	509.0
72.5°	454.2	452.3	460.1	454.2	460.1	452.3	454.2	452.3	448.4	442.5	422.9
75°	362.2	366.2	362.2	368.1	362.2	366.2	362.2	364.2	362.2	358.2	344.6
77.5°	276.0	280.0	276.0	276.0	276.0	280.0	276.0	278.0	278.0	278.0	266.3
80°	195.8	193.8	193.8	191.9	193.8	193.8	195.8	195.8	197.7	193.8	189.9
82.5°	125.3	123.3	123.3	127.3	123.3	123.3	125.3	127.3	123.3	123.3	123.3
85°	68.6	70.4	66.6	66.6	66.6	70.4	68.6	64.6	68.6	68.6	66.6
87.5°	25.5	23.5	23.5	23.5	23.5	23.5	25.5	27.4	27.4	27.4	29.3
90°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	38.8	51.8	58.3	50.1
92.5°	145.8	140.0	116.8	93.6	116.8	140.0	145.8	206.7	287.8	328.4	288.3
95°	494.9	477.3	407.1	336.8	407.1	477.3	494.9	649.9	856.6	959.9	810.8
97.5°	1142.5	1109.1	975.5	841.8	975.5	1109.1	1142.5	1240.5	1371.1	1436.5	1187.7
100°	1604.4	1564.6	1405.4	1246.2	1405.4	1564.6	1604.4	1597.3	1587.7	1583.0	1306.9
102.5°	1998.8	1964.7	1828.3	1692.0	1828.3	1964.7	1998.8	1874.0	1707.6	1624.4	1344.4
105°	2459.2	2440.9	2367.5	2294.2	2367.5	2440.9	2459.2	2179.4	1806.4	1619.8	1348.7
107.5°	2698.6	2703.1	2720.8	2738.5	2720.8	2703.1	2698.6	2308.4	1788.0	1527.7	1288.6
110°	2760.1	2779.1	2855.5	2931.9	2855.5	2779.1	2760.1	2323.7	1741.8	1451.0	1235.4



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2720.9	2750.2	2867.5	2984.8	2867.5	2750.2	2720.9	2274.3	1678.8	1381.1	1189.0
115°	2588.2	2628.9	2791.5	2954.1	2791.5	2628.9	2588.2	2158.0	1584.4	1297.5	1135.7
117.5°	2404.8	2449.8	2630.3	2810.7	2630.3	2449.8	2404.8	2016.5	1498.8	1239.9	1102.3
120°	2281.2	2325.1	2500.3	2675.6	2500.3	2325.1	2281.2	1926.4	1453.4	1216.9	1091.0
122.5°	2157.7	2200.9	2373.8	2546.7	2373.8	2200.9	2157.7	1838.3	1412.3	1199.3	1085.2
125°	1994.3	2034.1	2193.4	2352.6	2193.4	2034.1	1994.3	1722.9	1361.1	1180.2	1080.4
127.5°	1863.1	1896.7	2031.0	2165.4	2031.0	1896.7	1863.1	1630.1	1319.4	1164.1	1077.6
130°	1780.2	1811.2	1935.4	2059.5	1935.4	1811.2	1780.2	1572.7	1296.2	1157.8	1079.2
132.5°	1709.5	1737.3	1848.5	1959.7	1848.5	1737.3	1709.5	1523.9	1276.3	1152.5	1080.4
135°	1609.8	1633.8	1729.6	1825.4	1729.6	1633.8	1609.8	1454.3	1247.0	1143.3	1079.4
137.5°	1536.1	1555.7	1634.2	1712.6	1634.2	1555.7	1536.1	1404.6	1229.4	1141.7	1086.0
140°	1477.1	1495.4	1568.7	1642.1	1568.7	1495.4	1477.1	1363.5	1212.1	1136.4	1087.1
142.5°	1435.7	1451.5	1514.5	1577.6	1514.5	1451.5	1435.7	1335.9	1202.9	1136.4	1091.0
145°	1373.5	1385.5	1433.2	1480.9	1433.2	1385.5	1373.5	1291.9	1183.1	1128.7	1091.0
147.5°	1321.4	1331.2	1370.8	1410.4	1370.8	1331.2	1321.4	1257.1	1171.5	1128.7	1098.6
150°	1291.4	1299.4	1331.5	1363.5	1331.5	1299.4	1291.4	1237.2	1164.9	1128.7	1102.4
152.5°	1267.6	1273.6	1297.8	1322.0	1297.8	1273.6	1267.6	1221.3	1159.5	1128.7	1105.0
155°	1239.2	1243.3	1259.3	1275.3	1259.3	1243.3	1239.2	1202.4	1153.3	1128.7	1110.6
157.5°	1214.6	1217.4	1228.7	1239.9	1228.7	1217.4	1214.6	1186.0	1147.8	1128.7	1116.2
160°	1202.4	1204.0	1210.5	1216.9	1210.5	1204.0	1202.4	1177.8	1145.1	1128.7	1118.8
162.5°	1190.8	1192.4	1198.5	1204.7	1198.5	1192.4	1190.8	1170.1	1142.5	1128.7	1121.6
165°	1173.2	1174.8	1181.4	1187.8	1181.4	1174.8	1173.2	1158.4	1138.6	1128.7	1125.4
167.5°	1165.5	1166.2	1168.9	1171.7	1168.9	1166.2	1165.5	1155.9	1142.9	1136.4	1133.6
170°	1165.5	1165.5	1165.5	1165.5	1165.5	1165.5	1165.5	1155.9	1142.9	1136.4	1136.2
172.5°	1159.4	1158.8	1156.5	1154.1	1156.5	1158.8	1159.4	1151.7	1141.5	1136.4	1136.4
175°	1151.0	1151.0	1151.0	1151.0	1151.0	1151.0	1151.0	1146.2	1139.7	1136.4	1138.0
177.5°	1149.4	1148.7	1146.1	1143.3	1146.1	1148.7	1149.4	1145.6	1140.4	1137.9	1139.1
180°	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2069.5	2069.5	2069.5	2069.5	2069.5
2.5°	2044.1	2053.9	2059.7	2067.5	2087.2
5°	1965.7	2003.0	2014.6	2044.1	2079.2
7.5°	1793.4	1906.9	1938.4	2008.8	2063.6
10°	1627.0	1740.6	1795.4	1961.8	2044.1
12.5°	1542.9	1609.4	1646.6	1879.6	2016.6
15°	1490.0	1536.9	1564.4	1769.9	1985.3
17.5°	1448.8	1482.1	1501.7	1662.2	1942.2
20°	1423.4	1439.0	1456.7	1584.0	1893.3
22.5°	1405.7	1395.9	1409.7	1529.1	1826.7
25°	1394.1	1356.8	1372.5	1486.1	1748.4
27.5°	1403.8	1321.5	1327.5	1446.9	1666.2
30°	1405.7	1278.5	1280.4	1405.7	1574.2
32.5°	1392.1	1233.5	1235.4	1354.8	1470.3
35°	1358.8	1180.6	1178.7	1296.2	1329.5
37.5°	1313.7	1123.8	1123.8	1231.5	1174.7
40°	1258.9	1067.0	1073.0	1147.4	1037.7
42.5°	1192.3	1006.4	1014.2	1035.7	935.8
45°	1119.9	947.6	953.5	875.2	857.6
47.5°	1039.7	886.9	888.9	726.4	832.1
50°	943.7	824.3	816.5	622.6	830.1
52.5°	859.6	755.7	732.2	563.9	753.7
55°	777.3	683.3	632.4	518.8	699.0
57.5°	704.8	589.3	540.3	465.9	687.3
60°	638.2	497.3	460.1	409.2	630.4
62.5°	583.4	428.8	421.0	370.0	571.7
65°	524.7	381.8	379.8	336.7	485.6
67.5°	467.9	350.4	348.5	305.4	370.0
70°	407.3	317.1	313.3	272.2	274.1
72.5°	344.6	280.0	276.0	244.7	227.1
75°	282.0	236.9	234.9	213.4	184.1
77.5°	221.2	187.9	191.9	172.3	135.1
80°	158.6	137.0	141.0	123.3	101.8
82.5°	105.7	90.1	94.0	78.3	68.6
85°	58.8	50.9	52.9	41.1	31.3
87.5°	27.4	23.5	23.5	15.7	9.8
90°	33.7	21.4	20.0	13.8	7.7
92.5°	208.2	148.1	135.1	82.9	30.7
95°	512.3	288.5	264.6	169.1	73.7
97.5°	690.0	316.9	295.8	211.5	127.4
100°	754.7	340.7	321.6	245.2	168.8
102.5°	784.5	364.5	346.7	275.4	204.1
105°	806.4	399.7	384.6	324.4	264.0
107.5°	810.6	451.9	437.9	381.6	325.3
110°	804.3	481.1	468.3	417.5	366.7



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	804.6	516.4	504.3	455.9	407.5
115°	812.1	569.4	558.2	513.5	468.8
117.5°	827.2	620.8	610.6	570.1	529.5
120°	839.4	650.7	641.1	603.0	564.7
122.5°	857.1	686.0	676.4	637.9	599.3
125°	880.9	731.2	722.4	687.4	652.2
127.5°	904.7	775.0	766.1	730.6	695.2
130°	922.0	804.1	794.5	756.4	718.2
132.5°	936.1	827.9	818.4	780.2	742.0
135°	951.4	855.5	846.8	812.0	777.3
137.5°	974.5	890.9	882.3	847.8	813.3
140°	988.5	914.6	906.7	875.0	843.3
142.5°	1000.4	932.3	925.0	895.6	866.3
145°	1015.7	959.2	952.7	927.1	901.6
147.5°	1038.2	992.9	986.7	961.8	936.9
150°	1049.9	1010.5	1004.9	982.5	959.9
152.5°	1057.7	1022.1	1017.8	1000.7	983.7
155°	1074.4	1047.4	1044.2	1031.7	1019.0
157.5°	1091.3	1072.7	1069.6	1057.4	1045.1
160°	1099.1	1084.2	1081.9	1072.3	1062.7
162.5°	1107.3	1096.5	1094.7	1087.5	1080.4
165°	1119.0	1114.2	1112.6	1106.1	1099.5
167.5°	1128.2	1124.1	1123.4	1120.3	1117.2
170°	1135.9	1135.6	1134.8	1131.8	1128.7
172.5°	1136.4	1136.4	1136.2	1135.5	1134.8
175°	1141.0	1143.3	1143.3	1143.3	1143.3
177.5°	1141.5	1143.3	1143.3	1143.3	1143.3
180°	1143.3	1143.3	1143.3	1143.3	1143.3



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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	12.87	13.67	13.90	14.70	16.08	15.70	16.49	16.72	17.52	18.90
	3H	13.35	14.06	14.38	15.10	16.50	17.04	17.75	18.07	18.79	20.19
	4H	13.53	14.21	14.58	15.25	16.66	17.48	18.15	18.52	19.19	20.60
	6H	13.65	14.27	14.71	15.32	16.74	17.76	18.38	18.81	19.42	20.84
	8H	13.65	14.24	14.71	15.30	16.72	17.83	18.42	18.89	19.48	20.90
	12H	13.62	14.18	14.68	15.24	16.67	17.86	18.43	18.93	19.48	20.92
4H	2H	13.90	14.57	14.95	15.61	17.02	16.10	16.77	17.15	17.82	19.22
	3H	14.92	15.48	15.98	16.55	17.97	17.60	18.16	18.66	19.23	20.65
	4H	15.19	15.71	16.26	16.77	18.21	18.12	18.64	19.19	19.70	21.14
	6H	15.31	15.75	16.39	16.84	18.28	18.48	18.92	19.56	20.01	21.45
	8H	15.32	15.73	16.39	16.81	18.26	18.59	19.00	19.66	20.08	21.53
	12H	15.28	15.65	16.37	16.74	18.20	18.64	19.01	19.73	20.10	21.56
8H	4H	15.64	16.05	16.71	17.13	18.58	18.24	18.65	19.32	19.73	21.18
	6H	15.90	16.24	17.00	17.36	18.81	18.67	19.01	19.77	20.13	21.58
	8H	15.94	16.24	17.05	17.34	18.81	18.82	19.12	19.93	20.22	21.69
	12H	15.92	16.18	17.03	17.28	18.79	18.92	19.18	20.03	20.28	21.79
12H	4H	15.64	16.01	16.74	17.11	18.56	18.20	18.58	19.30	19.67	21.12
	6H	15.96	16.26	17.06	17.36	18.83	18.67	18.97	19.78	20.07	21.54
	8H	16.02	16.28	17.13	17.38	18.89	18.83	19.09	19.94	20.19	21.70