

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: P936175

Luminaire Tested: SQ4-FA-150U-125D-940-1D-UNV-STD-W-6

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936175
REPORT IS A COMBINATION OF REPORTS P933783 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-125D-940-1D-UNV-STD-W-6
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

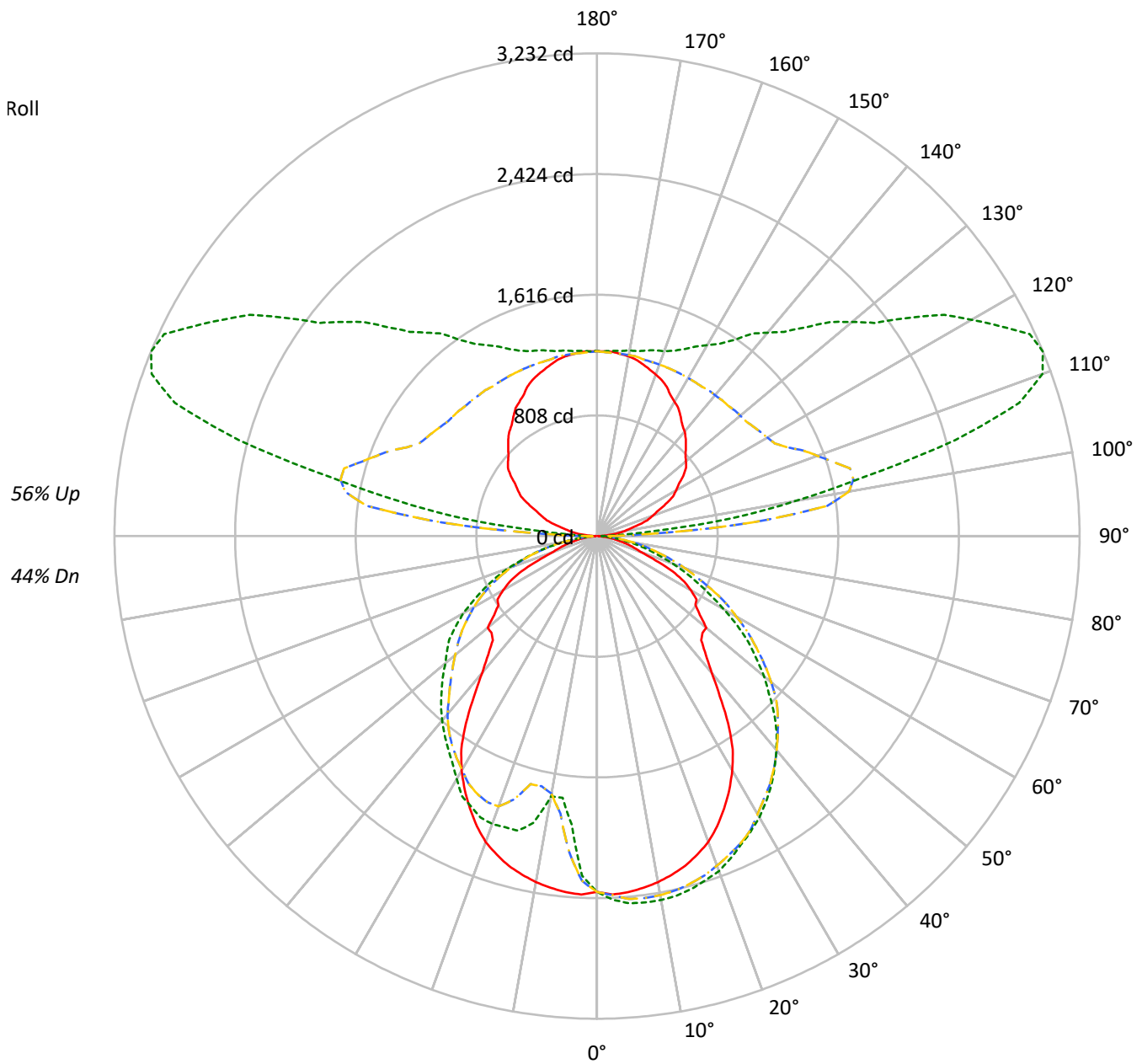
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14206.2 lumens
Efficiency: N/A
Efficacy: 113.8 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): 124.8
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				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	106	106	106	106	97	97	97	97	80	80	80	64	64	64	50	50	50	44	44	44	44
1	96	92	88	85	88	84	81	78	70	68	66	57	55	54	44	43	42	37	37	37	37
2	88	80	74	69	80	74	69	64	61	58	54	50	47	45	39	37	36	31	31	31	31
3	80	71	63	58	73	65	59	54	54	49	46	44	41	38	35	32	30	26	26	26	26
4	73	63	55	49	67	57	51	45	48	43	39	39	35	32	31	28	26	22	22	22	22
5	67	56	48	42	61	51	44	39	43	37	33	35	31	28	28	25	23	19	19	19	19
6	62	50	42	36	56	46	39	34	39	33	29	32	28	24	25	22	20	17	17	17	17
7	57	45	37	31	52	41	34	29	35	29	25	29	25	22	23	20	18	15	15	15	15
8	53	41	33	28	48	38	31	26	32	26	23	26	22	19	21	18	16	13	13	13	13
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14	12	12	12	12
10	46	34	27	22	42	31	25	21	27	22	18	22	18	16	18	15	13	11	11	11	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14737	14737	14737	14737
5°	14842	14876	14842	11697
10°	14737	14655	14737	10477
15°	14572	14337	14572	11972
20°	14262	13961	14262	11996
25°	13632	13412	13632	11742
30°	12821	12957	12821	11185
35°	11424	12380	11424	10571
40°	9513	11702	9513	10108
45°	8495	10909	8495	9575
50°	9018	9962	9018	9040
55°	8476	8941	8476	8730
60°	8728	7594	8728	7996
65°	7900	6278	7900	7017
70°	5457	5003	5457	5882
75°	4768	3699	4768	4429
80°	3815	2444	3815	2661
85°	2152	1294	2152	1100

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13028 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	215.0	1.5
10°-20°	610.6	4.3
20°-30°	943.8	6.6
30°-40°	1126.7	7.9
40°-50°	1133.3	8.0
50°-60°	986.1	6.9
60°-70°	699.2	4.9
70°-80°	369.9	2.6
80°-90°	96.9	0.7
90°-100°	603.4	4.2
100°-110°	1586.4	11.2
110°-120°	1644.9	11.6
120°-130°	1319.4	9.3
130°-140°	1035.3	7.3
140°-150°	794.6	5.6
150°-160°	572.2	4.0
160°-170°	350.1	2.5
170°-180°	118.3	0.8
0°-30°	1769.5	12.5
0°-40°	2896.2	20.4
0°-60°	5015.7	35.3
0°-90°	6181.6	43.5
90°-120°	3834.7	27.0
90°-150°	6983.9	49.2
90°-180°	8025.0	56.5
0°-180°	14206.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2382	2382	2382	2382	2382	
5°	2394	2468	2394	1940	2394	227
15°	2285	2446	2285	2042	2285	643
25°	2013	2281	2013	1997	2013	924
35°	1530	2035	1530	1738	1530	947
45°	987	1677	987	1472	987	791
55°	805	1237	805	1208	805	739
65°	559	746	559	834	559	534
75°	212	354	212	424	212	223
85°	36	90	36	77	36	49
90°	8	32	8	32	8	8
95°	80	365	80	365	80	89
105°	286	2484	286	2484	286	303
115°	508	3198	508	3198	508	501
125°	706	2547	706	2547	706	627
135°	842	1976	842	1976	842	651
145°	976	1603	976	1603	976	612
155°	1103	1381	1103	1381	1103	507
165°	1190	1286	1190	1286	1190	336
175°	1238	1246	1238	1246	1238	118
180°	1238	1238	1238	1238	1238	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3
2.5°	2402.6	2402.6	2416.2	2420.6	2420.6	2413.9	2407.1	2413.9	2434.2	2440.9	2438.6
5°	2393.6	2411.6	2436.4	2440.9	2445.5	2443.2	2438.6	2443.2	2465.7	2470.2	2472.5
7.5°	2375.6	2409.3	2440.9	2447.7	2454.4	2447.7	2445.5	2449.9	2472.5	2477.0	2477.0
10°	2353.0	2400.4	2436.4	2440.9	2447.7	2440.9	2440.9	2449.9	2472.5	2477.0	2479.2
12.5°	2321.5	2386.9	2420.6	2425.1	2434.2	2431.9	2429.7	2438.6	2461.2	2465.7	2465.7
15°	2285.4	2362.0	2393.6	2398.1	2413.9	2409.3	2409.3	2418.4	2443.2	2449.9	2447.7
17.5°	2235.8	2330.5	2366.5	2373.3	2384.5	2382.3	2384.5	2393.6	2416.2	2420.6	2422.9
20°	2179.5	2287.7	2330.5	2337.2	2348.5	2348.5	2348.5	2359.8	2382.3	2391.3	2391.3
22.5°	2102.9	2242.6	2287.7	2292.2	2305.7	2305.7	2310.2	2325.9	2346.3	2348.5	2348.5
25°	2012.7	2193.0	2231.3	2244.9	2258.4	2265.1	2271.9	2280.9	2287.7	2285.4	2287.7
27.5°	1918.0	2129.9	2179.5	2188.5	2206.5	2213.3	2222.3	2224.5	2226.8	2233.6	2229.1
30°	1812.1	2042.0	2116.4	2125.3	2154.6	2159.2	2150.2	2154.6	2165.9	2170.4	2175.0
32.5°	1692.6	1911.2	2051.0	2071.3	2098.3	2084.8	2082.5	2089.3	2107.3	2107.3	2111.8
35°	1530.4	1809.8	1990.2	2008.2	2028.5	2012.7	2021.7	2023.9	2035.2	2042.0	2039.7
37.5°	1352.3	1721.9	1927.0	1940.5	1956.4	1936.0	1949.6	1956.4	1965.3	1960.9	1960.9
40°	1194.5	1584.5	1852.6	1861.7	1875.2	1859.4	1873.0	1877.5	1881.9	1877.5	1875.2
42.5°	1077.3	1433.4	1773.8	1785.1	1776.0	1787.3	1791.8	1800.9	1794.0	1785.1	1785.1
45°	987.2	1392.9	1688.1	1701.7	1688.1	1706.2	1713.0	1713.0	1692.6	1688.1	1685.9
47.5°	957.9	1311.8	1602.5	1602.5	1595.7	1618.3	1629.6	1613.8	1593.4	1586.7	1586.7
50°	955.7	1221.6	1485.3	1476.3	1507.8	1534.9	1523.6	1507.8	1492.0	1467.2	1467.2
52.5°	867.8	1111.2	1334.3	1368.1	1417.7	1433.4	1415.4	1399.7	1372.6	1361.3	1352.3
55°	804.6	996.2	1196.8	1264.4	1316.3	1336.5	1302.7	1287.0	1246.4	1239.6	1235.1
57.5°	791.1	829.4	1070.6	1156.3	1219.3	1217.1	1196.8	1167.5	1133.7	1127.0	1124.7
60°	725.8	599.5	935.3	1036.7	1102.1	1095.3	1077.3	1050.3	1018.7	1014.3	1009.7
62.5°	658.1	435.0	782.1	897.1	989.4	987.2	971.4	930.8	908.3	897.1	888.0
65°	559.0	365.1	556.7	746.0	879.0	883.5	849.7	820.4	795.6	782.1	779.8
67.5°	426.0	297.5	376.4	622.0	773.1	768.6	725.8	712.2	680.7	673.9	660.4
70°	315.5	198.4	261.4	504.8	669.4	658.1	624.4	608.5	579.2	563.4	554.5
72.5°	261.4	160.0	191.5	392.1	563.4	549.9	520.6	502.6	477.8	464.3	455.3
75°	211.9	169.1	146.5	290.7	457.5	448.5	421.4	403.4	383.2	365.1	367.4
77.5°	155.5	157.8	117.2	214.1	362.8	349.3	333.5	311.1	302.0	284.0	284.0
80°	117.2	124.0	87.9	146.5	261.4	261.4	247.9	232.1	216.4	207.3	207.3
82.5°	78.9	78.9	65.4	92.4	178.0	171.3	162.2	157.8	148.7	144.2	144.2
85°	36.1	45.1	40.6	56.4	96.9	101.4	101.4	96.9	94.7	90.1	92.4
87.5°	11.3	20.2	24.8	31.5	49.6	51.9	54.1	54.1	54.1	56.4	56.4
90°	8.3	15.0	21.6	23.3	36.6	54.3	63.1	56.1	42.1	31.6	31.6
92.5°	33.2	89.7	146.3	160.4	225.5	312.2	355.6	311.6	223.8	157.9	151.6
95°	79.7	183.1	286.6	312.4	554.7	877.8	1039.3	927.4	703.7	535.8	516.8
97.5°	137.9	229.1	320.3	343.1	747.2	1285.9	1555.2	1484.6	1343.1	1237.1	1200.8
100°	182.8	265.5	348.2	368.9	817.2	1415.0	1713.9	1719.1	1729.5	1737.2	1694.1
102.5°	221.0	298.2	375.4	394.6	849.4	1455.6	1758.8	1848.8	2029.0	2164.1	2127.2
105°	285.8	351.1	416.5	432.8	873.2	1460.2	1753.8	1955.7	2359.7	2662.7	2642.8
107.5°	352.3	413.2	474.1	489.3	877.5	1395.2	1654.1	1935.8	2499.3	2921.9	2926.7
110°	397.1	452.2	507.1	520.9	871.0	1337.6	1571.0	1885.9	2515.9	2988.3	3009.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	441.2	493.6	545.9	559.1	871.2	1287.3	1495.4	1817.7	2462.4	2945.9	2977.7
115°	507.6	556.0	604.4	616.4	879.2	1229.6	1404.8	1715.3	2336.4	2802.2	2846.2
117.5°	573.2	617.2	661.1	672.1	895.6	1193.6	1342.6	1622.8	2183.2	2603.6	2652.5
120°	611.5	652.9	694.2	704.5	908.9	1181.4	1317.6	1573.7	2085.8	2469.9	2517.3
122.5°	648.9	690.6	732.3	742.7	928.0	1175.0	1298.5	1529.1	1990.3	2336.2	2382.9
125°	706.1	744.1	782.2	791.7	953.7	1169.8	1277.7	1473.6	1865.3	2159.2	2202.2
127.5°	752.7	791.0	829.5	839.1	979.5	1166.7	1260.2	1428.4	1764.8	2017.1	2053.5
130°	777.6	819.0	860.4	870.7	998.4	1168.6	1253.7	1403.4	1702.8	1927.4	1961.0
132.5°	803.4	844.8	886.1	896.4	1013.6	1169.8	1247.8	1381.8	1649.9	1850.9	1881.1
135°	841.6	879.2	916.9	926.4	1030.2	1168.6	1237.9	1350.1	1574.6	1743.0	1768.9
137.5°	880.6	917.9	955.2	964.5	1055.1	1175.8	1236.2	1331.1	1520.9	1663.2	1684.4
140°	913.0	947.4	981.7	990.3	1070.3	1177.0	1230.4	1312.4	1476.3	1599.3	1619.1
142.5°	937.9	969.7	1001.5	1009.4	1083.1	1181.3	1230.4	1302.4	1446.4	1554.4	1571.4
145°	976.2	1003.9	1031.6	1038.5	1099.7	1181.3	1222.1	1280.9	1398.8	1487.1	1500.0
147.5°	1014.4	1041.4	1068.3	1075.0	1124.0	1189.4	1222.1	1268.4	1361.0	1430.6	1441.3
150°	1039.3	1063.6	1088.0	1094.1	1136.7	1193.6	1222.1	1261.2	1339.5	1398.2	1406.9
152.5°	1065.1	1083.5	1102.0	1106.6	1145.1	1196.4	1222.1	1255.5	1322.3	1372.4	1379.0
155°	1103.3	1116.9	1130.6	1134.0	1163.4	1202.5	1222.1	1248.6	1301.8	1341.7	1346.0
157.5°	1131.5	1144.8	1158.1	1161.4	1181.7	1208.6	1222.1	1242.8	1284.1	1315.1	1318.1
160°	1150.7	1161.0	1171.3	1173.8	1189.9	1211.3	1222.1	1239.8	1275.3	1301.8	1303.6
162.5°	1169.8	1177.5	1185.2	1187.2	1198.8	1214.3	1222.1	1237.0	1266.9	1289.4	1291.1
165°	1190.5	1197.6	1204.5	1206.3	1211.5	1218.5	1222.1	1232.8	1254.2	1270.3	1272.1
167.5°	1209.6	1212.9	1216.3	1217.1	1221.5	1227.5	1230.4	1237.4	1251.5	1261.9	1262.6
170°	1222.1	1225.4	1228.7	1229.5	1229.8	1230.2	1230.4	1237.4	1251.5	1261.9	1261.9
172.5°	1228.7	1229.4	1230.2	1230.4	1230.4	1230.4	1230.4	1235.9	1247.0	1255.3	1254.7
175°	1237.9	1237.9	1237.9	1237.9	1235.4	1232.1	1230.4	1233.9	1240.9	1246.1	1246.1
177.5°	1237.9	1237.9	1237.9	1237.9	1235.9	1233.3	1232.0	1234.8	1240.4	1244.5	1243.8
180°	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3
2.5°	2443.2	2436.4	2443.2	2438.6	2440.9	2434.2	2413.9	2407.1	2413.9	2420.6	2420.6
5°	2472.5	2467.9	2472.5	2472.5	2470.2	2465.7	2443.2	2438.6	2443.2	2445.5	2440.9
7.5°	2481.5	2474.8	2481.5	2477.0	2477.0	2472.5	2449.9	2445.5	2447.7	2454.4	2447.7
10°	2481.5	2474.8	2481.5	2479.2	2477.0	2472.5	2449.9	2440.9	2440.9	2447.7	2440.9
12.5°	2470.2	2465.7	2470.2	2465.7	2465.7	2461.2	2438.6	2429.7	2431.9	2434.2	2425.1
15°	2452.2	2445.5	2452.2	2447.7	2449.9	2443.2	2418.4	2409.3	2409.3	2413.9	2398.1
17.5°	2425.1	2416.2	2425.1	2422.9	2420.6	2416.2	2393.6	2384.5	2382.3	2384.5	2373.3
20°	2393.6	2386.9	2393.6	2391.3	2391.3	2382.3	2359.8	2348.5	2348.5	2348.5	2337.2
22.5°	2344.0	2337.2	2344.0	2348.5	2348.5	2346.3	2325.9	2310.2	2305.7	2305.7	2292.2
25°	2287.7	2280.9	2287.7	2287.7	2285.4	2287.7	2280.9	2271.9	2265.1	2258.4	2244.9
27.5°	2233.6	2229.1	2233.6	2229.1	2233.6	2226.8	2224.5	2222.3	2213.3	2206.5	2188.5
30°	2179.5	2175.0	2179.5	2175.0	2170.4	2165.9	2154.6	2150.2	2159.2	2154.6	2125.3
32.5°	2111.8	2107.3	2111.8	2111.8	2107.3	2107.3	2089.3	2082.5	2084.8	2098.3	2071.3
35°	2042.0	2035.2	2042.0	2039.7	2042.0	2035.2	2023.9	2021.7	2012.7	2028.5	2008.2
37.5°	1960.9	1954.0	1960.9	1960.9	1960.9	1965.3	1956.4	1949.6	1936.0	1956.4	1940.5
40°	1877.5	1868.4	1877.5	1875.2	1877.5	1881.9	1877.5	1873.0	1859.4	1875.2	1861.7
42.5°	1782.8	1780.5	1782.8	1785.1	1785.1	1794.0	1800.9	1791.8	1787.3	1776.0	1785.1
45°	1681.3	1676.9	1681.3	1685.9	1688.1	1692.6	1713.0	1713.0	1706.2	1688.1	1701.7
47.5°	1573.2	1561.9	1573.2	1586.7	1586.7	1593.4	1613.8	1629.6	1618.3	1595.7	1602.5
50°	1458.3	1460.5	1458.3	1467.2	1467.2	1492.0	1507.8	1523.6	1534.9	1507.8	1476.3
52.5°	1345.6	1343.3	1345.6	1352.3	1361.3	1372.6	1399.7	1415.4	1433.4	1417.7	1368.1
55°	1232.8	1237.3	1232.8	1235.1	1239.6	1246.4	1287.0	1302.7	1336.5	1316.3	1264.4
57.5°	1120.1	1113.4	1120.1	1124.7	1127.0	1133.7	1167.5	1196.8	1217.1	1219.3	1156.3
60°	989.4	980.4	989.4	1009.7	1014.3	1018.7	1050.3	1077.3	1095.3	1102.1	1036.7
62.5°	874.5	858.7	874.5	888.0	897.1	908.3	930.8	971.4	987.2	989.4	897.1
65°	752.8	746.0	752.8	779.8	782.1	795.6	820.4	849.7	883.5	879.0	746.0
67.5°	642.4	642.4	642.4	660.4	673.9	680.7	712.2	725.8	768.6	773.1	622.0
70°	540.9	538.7	540.9	554.5	563.4	579.2	608.5	624.4	658.1	669.4	504.8
72.5°	444.0	441.8	444.0	455.3	464.3	477.8	502.6	520.6	549.9	563.4	392.1
75°	358.4	353.9	358.4	367.4	365.1	383.2	403.4	421.4	448.5	457.5	290.7
77.5°	275.0	275.0	275.0	284.0	284.0	302.0	311.1	333.5	349.3	362.8	214.1
80°	205.1	202.8	205.1	207.3	207.3	216.4	232.1	247.9	261.4	261.4	146.5
82.5°	144.2	139.8	144.2	144.2	144.2	148.7	157.8	162.2	171.3	178.0	92.4
85°	90.1	90.1	90.1	92.4	90.1	94.7	96.9	101.4	101.4	96.9	56.4
87.5°	58.6	56.4	58.6	56.4	56.4	54.1	54.1	54.1	51.9	49.6	31.5
90°	31.6	31.6	31.6	31.6	31.6	42.1	56.1	63.1	54.3	36.6	23.3
92.5°	126.5	101.3	126.5	151.6	157.9	223.8	311.6	355.6	312.2	225.5	160.4
95°	440.7	364.7	440.7	516.8	535.8	703.7	927.4	1039.3	877.8	554.7	312.4
97.5°	1056.1	911.4	1056.1	1200.8	1237.1	1343.1	1484.6	1555.2	1285.9	747.2	343.1
100°	1521.7	1349.2	1521.7	1694.1	1737.2	1729.5	1719.1	1713.9	1415.0	817.2	368.9
102.5°	1979.5	1831.9	1979.5	2127.2	2164.1	2029.0	1848.8	1758.8	1455.6	849.4	394.6
105°	2563.4	2484.0	2563.4	2642.8	2662.7	2359.7	1955.7	1753.8	1460.2	873.2	432.8
107.5°	2945.9	2965.0	2945.9	2926.7	2921.9	2499.3	1935.8	1654.1	1395.2	877.5	489.3
110°	3091.7	3174.4	3091.7	3009.0	2988.3	2515.9	1885.9	1571.0	1337.6	871.0	520.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3104.7	3231.7	3104.7	2977.7	2945.9	2462.4	1817.7	1495.4	1287.3	871.2	559.1
115°	3022.3	3198.5	3022.3	2846.2	2802.2	2336.4	1715.3	1404.8	1229.6	879.2	616.4
117.5°	2847.8	3043.2	2847.8	2652.5	2603.6	2183.2	1622.8	1342.6	1193.6	895.6	672.1
120°	2707.2	2896.9	2707.2	2517.3	2469.9	2085.8	1573.7	1317.6	1181.4	908.9	704.5
122.5°	2570.1	2757.3	2570.1	2382.9	2336.2	1990.3	1529.1	1298.5	1175.0	928.0	742.7
125°	2374.7	2547.1	2374.7	2202.2	2159.2	1865.3	1473.6	1277.7	1169.8	953.7	791.7
127.5°	2199.0	2344.5	2199.0	2053.5	2017.1	1764.8	1428.4	1260.2	1166.7	979.5	839.1
130°	2095.4	2229.8	2095.4	1961.0	1927.4	1702.8	1403.4	1253.7	1168.6	998.4	870.7
132.5°	2001.4	2121.8	2001.4	1881.1	1850.9	1649.9	1381.8	1247.8	1169.8	1013.6	896.4
135°	1872.7	1976.4	1872.7	1768.9	1743.0	1574.6	1350.1	1237.9	1168.6	1030.2	926.4
137.5°	1769.4	1854.3	1769.4	1684.4	1663.2	1520.9	1331.1	1236.2	1175.8	1055.1	964.5
140°	1698.5	1777.9	1698.5	1619.1	1599.3	1476.3	1312.4	1230.4	1177.0	1070.3	990.3
142.5°	1639.8	1708.1	1639.8	1571.4	1554.4	1446.4	1302.4	1230.4	1181.3	1083.1	1009.4
145°	1551.7	1603.4	1551.7	1500.0	1487.1	1398.8	1280.9	1222.1	1181.3	1099.7	1038.5
147.5°	1484.1	1527.0	1484.1	1441.3	1430.6	1361.0	1268.4	1222.1	1189.4	1124.0	1075.0
150°	1441.6	1476.3	1441.6	1406.9	1398.2	1339.5	1261.2	1222.1	1193.6	1136.7	1094.1
152.5°	1405.2	1431.5	1405.2	1379.0	1372.4	1322.3	1255.5	1222.1	1196.4	1145.1	1106.6
155°	1363.3	1380.8	1363.3	1346.0	1341.7	1301.8	1248.6	1222.1	1202.5	1163.4	1134.0
157.5°	1330.4	1342.6	1330.4	1318.1	1315.1	1284.1	1242.8	1222.1	1208.6	1181.7	1161.4
160°	1310.6	1317.6	1310.6	1303.6	1301.8	1275.3	1239.8	1222.1	1211.3	1189.9	1173.8
162.5°	1297.6	1304.3	1297.6	1291.1	1289.4	1266.9	1237.0	1222.1	1214.3	1198.8	1187.2
165°	1279.0	1286.0	1279.0	1272.1	1270.3	1254.2	1232.8	1222.1	1218.5	1211.5	1206.3
167.5°	1265.7	1268.6	1265.7	1262.6	1261.9	1251.5	1237.4	1230.4	1227.5	1221.5	1217.1
170°	1261.9	1261.9	1261.9	1261.9	1261.9	1251.5	1237.4	1230.4	1230.2	1229.8	1229.5
172.5°	1252.1	1249.5	1252.1	1254.7	1255.3	1247.0	1235.9	1230.4	1230.4	1230.4	1230.4
175°	1246.1	1246.1	1246.1	1246.1	1246.1	1240.9	1233.9	1230.4	1232.1	1235.4	1237.9
177.5°	1240.8	1237.9	1240.8	1243.8	1244.5	1240.4	1234.8	1232.0	1233.3	1235.9	1237.9
180°	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3
2.5°	2416.2	2402.6	2402.6	2380.1	2371.0	2364.3	2353.0	2319.2	2310.2	2301.2	2314.7
5°	2436.4	2411.6	2393.6	2353.0	2319.2	2305.7	2262.9	2181.7	2127.6	2087.1	2064.5
7.5°	2440.9	2409.3	2375.6	2312.4	2231.3	2195.2	2064.5	1915.8	1875.2	1839.1	1816.6
10°	2436.4	2400.4	2353.0	2258.4	2066.8	2003.7	1873.0	1776.0	1751.2	1744.5	1751.2
12.5°	2420.6	2386.9	2321.5	2163.7	1895.5	1852.6	1776.0	1719.7	1715.2	1726.4	1787.3
15°	2393.6	2362.0	2285.4	2037.5	1800.9	1769.3	1715.2	1694.9	1719.7	1798.6	1981.1
17.5°	2366.5	2330.5	2235.8	1913.6	1728.7	1706.2	1667.8	1708.4	1848.2	1954.0	2015.0
20°	2330.5	2287.7	2179.5	1823.3	1676.9	1656.6	1638.5	1821.1	1927.0	1965.3	1999.2
22.5°	2287.7	2242.6	2102.9	1760.3	1622.7	1607.0	1618.3	1884.2	1927.0	1954.0	1983.3
25°	2231.3	2193.0	2012.7	1710.6	1579.9	1561.9	1604.7	1877.5	1902.3	1909.0	1967.6
27.5°	2179.5	2129.9	1918.0	1665.6	1528.1	1521.3	1616.0	1848.2	1866.2	1873.0	1936.0
30°	2116.4	2042.0	1812.1	1618.3	1474.0	1471.8	1618.3	1812.1	1807.6	1825.6	1888.7
32.5°	2051.0	1911.2	1692.6	1559.7	1422.2	1419.9	1602.5	1758.0	1753.5	1778.3	1825.6
35°	1990.2	1809.8	1530.4	1492.0	1356.8	1359.1	1564.2	1694.9	1697.1	1719.7	1749.0
37.5°	1927.0	1721.9	1352.3	1417.7	1293.7	1293.7	1512.4	1636.3	1631.8	1638.5	1679.1
40°	1852.6	1584.5	1194.5	1320.7	1235.1	1228.4	1449.2	1573.2	1557.4	1555.2	1611.5
42.5°	1773.8	1433.4	1077.3	1192.3	1167.5	1158.5	1372.6	1496.5	1467.2	1474.0	1546.1
45°	1688.1	1392.9	987.2	1007.4	1097.7	1090.8	1289.2	1408.6	1388.4	1406.4	1480.7
47.5°	1602.5	1311.8	957.9	836.1	1023.2	1021.0	1196.8	1323.0	1311.8	1329.8	1408.6
50°	1485.3	1221.6	955.7	716.7	939.9	948.8	1086.4	1239.6	1239.6	1255.4	1338.7
52.5°	1334.3	1111.2	867.8	649.1	843.0	870.0	989.4	1167.5	1172.0	1187.8	1262.1
55°	1196.8	996.2	804.6	597.3	728.0	786.6	894.7	1093.1	1102.1	1117.9	1185.5
57.5°	1070.6	829.4	791.1	536.4	622.0	678.4	811.4	1021.0	1025.5	1039.0	1104.4
60°	935.3	599.5	725.8	471.1	529.7	572.5	734.7	935.3	951.1	960.1	1016.5
62.5°	782.1	435.0	658.1	426.0	484.6	493.6	671.7	854.2	874.5	881.3	915.1
65°	556.7	365.1	559.0	387.7	437.3	439.5	604.0	770.8	788.8	800.1	825.0
67.5°	376.4	297.5	426.0	351.6	401.2	403.4	538.7	673.9	698.7	707.7	723.5
70°	261.4	198.4	315.5	313.3	360.6	365.1	468.8	586.0	608.5	615.3	624.4
72.5°	191.5	160.0	261.4	281.8	317.8	322.3	396.7	486.8	509.4	516.1	520.6
75°	146.5	169.1	211.9	245.7	270.5	272.7	324.6	396.7	412.5	417.0	419.2
77.5°	117.2	157.8	155.5	198.4	220.8	216.4	254.7	306.5	320.0	320.0	320.0
80°	87.9	124.0	117.2	142.0	162.2	157.8	182.6	218.6	223.2	227.6	225.4
82.5°	65.4	78.9	78.9	90.1	108.2	103.7	121.7	142.0	142.0	142.0	146.5
85°	40.6	45.1	36.1	47.3	60.8	58.6	67.6	76.6	78.9	78.9	74.4
87.5°	24.8	20.2	11.3	18.0	27.1	27.1	31.5	33.8	31.5	31.5	31.5
90°	21.6	15.0	8.3	15.0	21.6	23.3	36.6	54.3	63.1	56.1	42.1
92.5°	146.3	89.7	33.2	89.7	146.3	160.4	225.5	312.2	355.6	311.6	223.8
95°	286.6	183.1	79.7	183.1	286.6	312.4	554.7	877.8	1039.3	927.4	703.7
97.5°	320.3	229.1	137.9	229.1	320.3	343.1	747.2	1285.9	1555.2	1484.6	1343.1
100°	348.2	265.5	182.8	265.5	348.2	368.9	817.2	1415.0	1713.9	1719.1	1729.5
102.5°	375.4	298.2	221.0	298.2	375.4	394.6	849.4	1455.6	1758.8	1848.8	2029.0
105°	416.5	351.1	285.8	351.1	416.5	432.8	873.2	1460.2	1753.8	1955.7	2359.7
107.5°	474.1	413.2	352.3	413.2	474.1	489.3	877.5	1395.2	1654.1	1935.8	2499.3
110°	507.1	452.2	397.1	452.2	507.1	520.9	871.0	1337.6	1571.0	1885.9	2515.9



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CATALOG NUMBER: SQ4-FA-150U-125D-940-1D-UNV-STD-W-6

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	545.9	493.6	441.2	493.6	545.9	559.1	871.2	1287.3	1495.4	1817.7	2462.4
115°	604.4	556.0	507.6	556.0	604.4	616.4	879.2	1229.6	1404.8	1715.3	2336.4
117.5°	661.1	617.2	573.2	617.2	661.1	672.1	895.6	1193.6	1342.6	1622.8	2183.2
120°	694.2	652.9	611.5	652.9	694.2	704.5	908.9	1181.4	1317.6	1573.7	2085.8
122.5°	732.3	690.6	648.9	690.6	732.3	742.7	928.0	1175.0	1298.5	1529.1	1990.3
125°	782.2	744.1	706.1	744.1	782.2	791.7	953.7	1169.8	1277.7	1473.6	1865.3
127.5°	829.5	791.0	752.7	791.0	829.5	839.1	979.5	1166.7	1260.2	1428.4	1764.8
130°	860.4	819.0	777.6	819.0	860.4	870.7	998.4	1168.6	1253.7	1403.4	1702.8
132.5°	886.1	844.8	803.4	844.8	886.1	896.4	1013.6	1169.8	1247.8	1381.8	1649.9
135°	916.9	879.2	841.6	879.2	916.9	926.4	1030.2	1168.6	1237.9	1350.1	1574.6
137.5°	955.2	917.9	880.6	917.9	955.2	964.5	1055.1	1175.8	1236.2	1331.1	1520.9
140°	981.7	947.4	913.0	947.4	981.7	990.3	1070.3	1177.0	1230.4	1312.4	1476.3
142.5°	1001.5	969.7	937.9	969.7	1001.5	1009.4	1083.1	1181.3	1230.4	1302.4	1446.4
145°	1031.6	1003.9	976.2	1003.9	1031.6	1038.5	1099.7	1181.3	1222.1	1280.9	1398.8
147.5°	1068.3	1041.4	1014.4	1041.4	1068.3	1075.0	1124.0	1189.4	1222.1	1268.4	1361.0
150°	1088.0	1063.6	1039.3	1063.6	1088.0	1094.1	1136.7	1193.6	1222.1	1261.2	1339.5
152.5°	1102.0	1083.5	1065.1	1083.5	1102.0	1106.6	1145.1	1196.4	1222.1	1255.5	1322.3
155°	1130.6	1116.9	1103.3	1116.9	1130.6	1134.0	1163.4	1202.5	1222.1	1248.6	1301.8
157.5°	1158.1	1144.8	1131.5	1144.8	1158.1	1161.4	1181.7	1208.6	1222.1	1242.8	1284.1
160°	1171.3	1161.0	1150.7	1161.0	1171.3	1173.8	1189.9	1211.3	1222.1	1239.8	1275.3
162.5°	1185.2	1177.5	1169.8	1177.5	1185.2	1187.2	1198.8	1214.3	1222.1	1237.0	1266.9
165°	1204.5	1197.6	1190.5	1197.6	1204.5	1206.3	1211.5	1218.5	1222.1	1232.8	1254.2
167.5°	1216.3	1212.9	1209.6	1212.9	1216.3	1217.1	1221.5	1227.5	1230.4	1237.4	1251.5
170°	1228.7	1225.4	1222.1	1225.4	1228.7	1229.5	1229.8	1230.2	1230.4	1237.4	1251.5
172.5°	1230.2	1229.4	1228.7	1229.4	1230.2	1230.4	1230.4	1230.4	1230.4	1235.9	1247.0
175°	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1235.4	1232.1	1230.4	1233.9	1240.9
177.5°	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1235.9	1233.3	1232.0	1234.8	1240.4
180°	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9



TEST NUMBER: P936175
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3	2382.3
2.5°	2298.9	2292.2	2301.2	2276.4	2301.2	2292.2	2298.9	2314.7	2301.2	2310.2	2319.2
5°	2017.2	2005.9	1969.9	1940.5	1969.9	2005.9	2017.2	2064.5	2087.1	2127.6	2181.7
7.5°	1803.1	1794.0	1785.1	1767.0	1785.1	1794.0	1803.1	1816.6	1839.1	1875.2	1915.8
10°	1755.8	1758.0	1771.6	1769.3	1771.6	1758.0	1755.8	1751.2	1744.5	1751.2	1776.0
12.5°	1877.5	1897.7	1972.2	1967.6	1972.2	1897.7	1877.5	1787.3	1726.4	1715.2	1719.7
15°	2017.2	2023.9	2039.7	2042.0	2039.7	2023.9	2017.2	1981.1	1798.6	1719.7	1694.9
17.5°	2030.7	2033.0	2044.3	2044.3	2044.3	2033.0	2030.7	2015.0	1954.0	1848.2	1708.4
20°	2019.5	2023.9	2046.5	2051.0	2046.5	2023.9	2019.5	1999.2	1965.3	1927.0	1821.1
22.5°	2015.0	2023.9	2042.0	2039.7	2042.0	2023.9	2015.0	1983.3	1954.0	1927.0	1884.2
25°	1992.4	1992.4	1994.6	1996.9	1994.6	1992.4	1992.4	1967.6	1909.0	1902.3	1877.5
27.5°	1945.1	1949.6	1963.1	1960.9	1963.1	1949.6	1945.1	1936.0	1873.0	1866.2	1848.2
30°	1902.3	1897.7	1886.5	1877.5	1886.5	1897.7	1902.3	1888.7	1825.6	1807.6	1812.1
32.5°	1830.2	1818.9	1807.6	1800.9	1807.6	1818.9	1830.2	1825.6	1778.3	1753.5	1758.0
35°	1744.5	1746.7	1744.5	1737.7	1744.5	1746.7	1744.5	1749.0	1719.7	1697.1	1694.9
37.5°	1683.6	1688.1	1685.9	1676.9	1685.9	1688.1	1683.6	1679.1	1638.5	1631.8	1636.3
40°	1620.5	1622.7	1620.5	1613.8	1620.5	1622.7	1620.5	1611.5	1555.2	1557.4	1573.2
42.5°	1559.7	1557.4	1550.6	1546.1	1550.6	1557.4	1559.7	1546.1	1474.0	1467.2	1496.5
45°	1489.8	1492.0	1478.5	1471.8	1478.5	1492.0	1489.8	1480.7	1406.4	1388.4	1408.6
47.5°	1419.9	1419.9	1408.6	1401.9	1408.6	1419.9	1419.9	1408.6	1329.8	1311.8	1323.0
50°	1345.6	1343.3	1327.6	1325.3	1327.6	1343.3	1345.6	1338.7	1255.4	1239.6	1239.6
52.5°	1259.9	1259.9	1262.1	1266.6	1262.1	1259.9	1259.9	1262.1	1187.8	1172.0	1167.5
55°	1185.5	1187.8	1203.6	1208.0	1203.6	1187.8	1185.5	1185.5	1117.9	1102.1	1093.1
57.5°	1108.9	1108.9	1120.1	1120.1	1120.1	1108.9	1108.9	1104.4	1039.0	1025.5	1021.0
60°	1021.0	1025.5	1034.5	1032.3	1034.5	1025.5	1021.0	1016.5	960.1	951.1	935.3
62.5°	928.6	933.1	935.3	930.8	935.3	933.1	928.6	915.1	881.3	874.5	854.2
65°	831.7	836.1	838.4	833.9	838.4	836.1	831.7	825.0	800.1	788.8	770.8
67.5°	732.5	730.2	728.0	737.0	728.0	730.2	732.5	723.5	707.7	698.7	673.9
70°	631.1	631.1	628.8	633.3	628.8	631.1	631.1	624.4	615.3	608.5	586.0
72.5°	522.9	520.6	529.7	522.9	529.7	520.6	522.9	520.6	516.1	509.4	486.8
75°	417.0	421.4	417.0	423.8	417.0	421.4	417.0	419.2	417.0	412.5	396.7
77.5°	317.8	322.3	317.8	317.8	317.8	322.3	317.8	320.0	320.0	320.0	306.5
80°	225.4	223.2	223.2	220.8	223.2	223.2	225.4	225.4	227.6	223.2	218.6
82.5°	144.2	142.0	142.0	146.5	142.0	142.0	144.2	146.5	142.0	142.0	142.0
85°	78.9	81.2	76.6	76.6	76.6	81.2	78.9	74.4	78.9	78.9	76.6
87.5°	29.3	27.1	27.1	27.1	27.1	27.1	29.3	31.5	31.5	31.5	33.8
90°	31.6	31.6	31.6	31.6	31.6	31.6	31.6	42.1	56.1	63.1	54.3
92.5°	157.9	151.6	126.5	101.3	126.5	151.6	157.9	223.8	311.6	355.6	312.2
95°	535.8	516.8	440.7	364.7	440.7	516.8	535.8	703.7	927.4	1039.3	877.8
97.5°	1237.1	1200.8	1056.1	911.4	1056.1	1200.8	1237.1	1343.1	1484.6	1555.2	1285.9
100°	1737.2	1694.1	1521.7	1349.2	1521.7	1694.1	1737.2	1729.5	1719.1	1713.9	1415.0
102.5°	2164.1	2127.2	1979.5	1831.9	1979.5	2127.2	2164.1	2029.0	1848.8	1758.8	1455.6
105°	2662.7	2642.8	2563.4	2484.0	2563.4	2642.8	2662.7	2359.7	1955.7	1753.8	1460.2
107.5°	2921.9	2926.7	2945.9	2965.0	2945.9	2926.7	2921.9	2499.3	1935.8	1654.1	1395.2
110°	2988.3	3009.0	3091.7	3174.4	3091.7	3009.0	2988.3	2515.9	1885.9	1571.0	1337.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2945.9	2977.7	3104.7	3231.7	3104.7	2977.7	2945.9	2462.4	1817.7	1495.4	1287.3
115°	2802.2	2846.2	3022.3	3198.5	3022.3	2846.2	2802.2	2336.4	1715.3	1404.8	1229.6
117.5°	2603.6	2652.5	2847.8	3043.2	2847.8	2652.5	2603.6	2183.2	1622.8	1342.6	1193.6
120°	2469.9	2517.3	2707.2	2896.9	2707.2	2517.3	2469.9	2085.8	1573.7	1317.6	1181.4
122.5°	2336.2	2382.9	2570.1	2757.3	2570.1	2382.9	2336.2	1990.3	1529.1	1298.5	1175.0
125°	2159.2	2202.2	2374.7	2547.1	2374.7	2202.2	2159.2	1865.3	1473.6	1277.7	1169.8
127.5°	2017.1	2053.5	2199.0	2344.5	2199.0	2053.5	2017.1	1764.8	1428.4	1260.2	1166.7
130°	1927.4	1961.0	2095.4	2229.8	2095.4	1961.0	1927.4	1702.8	1403.4	1253.7	1168.6
132.5°	1850.9	1881.1	2001.4	2121.8	2001.4	1881.1	1850.9	1649.9	1381.8	1247.8	1169.8
135°	1743.0	1768.9	1872.7	1976.4	1872.7	1768.9	1743.0	1574.6	1350.1	1237.9	1168.6
137.5°	1663.2	1684.4	1769.4	1854.3	1769.4	1684.4	1663.2	1520.9	1331.1	1236.2	1175.8
140°	1599.3	1619.1	1698.5	1777.9	1698.5	1619.1	1599.3	1476.3	1312.4	1230.4	1177.0
142.5°	1554.4	1571.4	1639.8	1708.1	1639.8	1571.4	1554.4	1446.4	1302.4	1230.4	1181.3
145°	1487.1	1500.0	1551.7	1603.4	1551.7	1500.0	1487.1	1398.8	1280.9	1222.1	1181.3
147.5°	1430.6	1441.3	1484.1	1527.0	1484.1	1441.3	1430.6	1361.0	1268.4	1222.1	1189.4
150°	1398.2	1406.9	1441.6	1476.3	1441.6	1406.9	1398.2	1339.5	1261.2	1222.1	1193.6
152.5°	1372.4	1379.0	1405.2	1431.5	1405.2	1379.0	1372.4	1322.3	1255.5	1222.1	1196.4
155°	1341.7	1346.0	1363.3	1380.8	1363.3	1346.0	1341.7	1301.8	1248.6	1222.1	1202.5
157.5°	1315.1	1318.1	1330.4	1342.6	1330.4	1318.1	1315.1	1284.1	1242.8	1222.1	1208.6
160°	1301.8	1303.6	1310.6	1317.6	1310.6	1303.6	1301.8	1275.3	1239.8	1222.1	1211.3
162.5°	1289.4	1291.1	1297.6	1304.3	1297.6	1291.1	1289.4	1266.9	1237.0	1222.1	1214.3
165°	1270.3	1272.1	1279.0	1286.0	1279.0	1272.1	1270.3	1254.2	1232.8	1222.1	1218.5
167.5°	1261.9	1262.6	1265.7	1268.6	1265.7	1262.6	1261.9	1251.5	1237.4	1230.4	1227.5
170°	1261.9	1261.9	1261.9	1261.9	1261.9	1261.9	1261.9	1251.5	1237.4	1230.4	1230.2
172.5°	1255.3	1254.7	1252.1	1249.5	1252.1	1254.7	1255.3	1247.0	1235.9	1230.4	1230.4
175°	1246.1	1246.1	1246.1	1246.1	1246.1	1246.1	1246.1	1240.9	1233.9	1230.4	1232.1
177.5°	1244.5	1243.8	1240.8	1237.9	1240.8	1243.8	1244.5	1240.4	1234.8	1232.0	1233.3
180°	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9	1237.9



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2382.3	2382.3	2382.3	2382.3	2382.3
2.5°	2353.0	2364.3	2371.0	2380.1	2402.6
5°	2262.9	2305.7	2319.2	2353.0	2393.6
7.5°	2064.5	2195.2	2231.3	2312.4	2375.6
10°	1873.0	2003.7	2066.8	2258.4	2353.0
12.5°	1776.0	1852.6	1895.5	2163.7	2321.5
15°	1715.2	1769.3	1800.9	2037.5	2285.4
17.5°	1667.8	1706.2	1728.7	1913.6	2235.8
20°	1638.5	1656.6	1676.9	1823.3	2179.5
22.5°	1618.3	1607.0	1622.7	1760.3	2102.9
25°	1604.7	1561.9	1579.9	1710.6	2012.7
27.5°	1616.0	1521.3	1528.1	1665.6	1918.0
30°	1618.3	1471.8	1474.0	1618.3	1812.1
32.5°	1602.5	1419.9	1422.2	1559.7	1692.6
35°	1564.2	1359.1	1356.8	1492.0	1530.4
37.5°	1512.4	1293.7	1293.7	1417.7	1352.3
40°	1449.2	1228.4	1235.1	1320.7	1194.5
42.5°	1372.6	1158.5	1167.5	1192.3	1077.3
45°	1289.2	1090.8	1097.7	1007.4	987.2
47.5°	1196.8	1021.0	1023.2	836.1	957.9
50°	1086.4	948.8	939.9	716.7	955.7
52.5°	989.4	870.0	843.0	649.1	867.8
55°	894.7	786.6	728.0	597.3	804.6
57.5°	811.4	678.4	622.0	536.4	791.1
60°	734.7	572.5	529.7	471.1	725.8
62.5°	671.7	493.6	484.6	426.0	658.1
65°	604.0	439.5	437.3	387.7	559.0
67.5°	538.7	403.4	401.2	351.6	426.0
70°	468.8	365.1	360.6	313.3	315.5
72.5°	396.7	322.3	317.8	281.8	261.4
75°	324.6	272.7	270.5	245.7	211.9
77.5°	254.7	216.4	220.8	198.4	155.5
80°	182.6	157.8	162.2	142.0	117.2
82.5°	121.7	103.7	108.2	90.1	78.9
85°	67.6	58.6	60.8	47.3	36.1
87.5°	31.5	27.1	27.1	18.0	11.3
90°	36.6	23.3	21.6	15.0	8.3
92.5°	225.5	160.4	146.3	89.7	33.2
95°	554.7	312.4	286.6	183.1	79.7
97.5°	747.2	343.1	320.3	229.1	137.9
100°	817.2	368.9	348.2	265.5	182.8
102.5°	849.4	394.6	375.4	298.2	221.0
105°	873.2	432.8	416.5	351.1	285.8
107.5°	877.5	489.3	474.1	413.2	352.3
110°	871.0	520.9	507.1	452.2	397.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	871.2	559.1	545.9	493.6	441.2
115°	879.2	616.4	604.4	556.0	507.6
117.5°	895.6	672.1	661.1	617.2	573.2
120°	908.9	704.5	694.2	652.9	611.5
122.5°	928.0	742.7	732.3	690.6	648.9
125°	953.7	791.7	782.2	744.1	706.1
127.5°	979.5	839.1	829.5	791.0	752.7
130°	998.4	870.7	860.4	819.0	777.6
132.5°	1013.6	896.4	886.1	844.8	803.4
135°	1030.2	926.4	916.9	879.2	841.6
137.5°	1055.1	964.5	955.2	917.9	880.6
140°	1070.3	990.3	981.7	947.4	913.0
142.5°	1083.1	1009.4	1001.5	969.7	937.9
145°	1099.7	1038.5	1031.6	1003.9	976.2
147.5°	1124.0	1075.0	1068.3	1041.4	1014.4
150°	1136.7	1094.1	1088.0	1063.6	1039.3
152.5°	1145.1	1106.6	1102.0	1083.5	1065.1
155°	1163.4	1134.0	1130.6	1116.9	1103.3
157.5°	1181.7	1161.4	1158.1	1144.8	1131.5
160°	1189.9	1173.8	1171.3	1161.0	1150.7
162.5°	1198.8	1187.2	1185.2	1177.5	1169.8
165°	1211.5	1206.3	1204.5	1197.6	1190.5
167.5°	1221.5	1217.1	1216.3	1212.9	1209.6
170°	1229.8	1229.5	1228.7	1225.4	1222.1
172.5°	1230.4	1230.4	1230.2	1229.4	1228.7
175°	1235.4	1237.9	1237.9	1237.9	1237.9
177.5°	1235.9	1237.9	1237.9	1237.9	1237.9
180°	1237.9	1237.9	1237.9	1237.9	1237.9



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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	13.52	14.33	14.53	15.35	16.71	16.34	17.15	17.35	18.17	19.53
	3H	13.99	14.71	15.01	15.74	17.12	17.68	18.40	18.70	19.43	20.82
	4H	14.18	14.86	15.21	15.90	17.29	18.12	18.81	19.16	19.84	21.23
	6H	14.30	14.93	15.34	15.96	17.36	18.40	19.03	19.45	20.07	21.47
	8H	14.30	14.90	15.35	15.95	17.34	18.48	19.08	19.53	20.13	21.52
	12H	14.27	14.84	15.32	15.88	17.30	18.51	19.08	19.57	20.13	21.55
4H	2H	14.54	15.23	15.58	16.26	17.65	16.75	17.43	17.79	18.46	19.85
	3H	15.57	16.14	16.61	17.20	18.60	18.25	18.81	19.29	19.88	21.28
	4H	15.84	16.36	16.89	17.41	18.84	18.77	19.29	19.82	20.34	21.77
	6H	15.96	16.41	17.03	17.48	18.90	19.13	19.58	20.20	20.65	22.07
	8H	15.97	16.38	17.03	17.45	18.89	19.23	19.65	20.30	20.72	22.16
	12H	15.93	16.31	17.01	17.39	18.83	19.29	19.67	20.37	20.75	22.19
8H	4H	16.29	16.71	17.35	17.77	19.21	18.89	19.31	19.96	20.38	21.81
	6H	16.55	16.89	17.64	18.00	19.43	19.32	19.67	20.41	20.78	22.21
	8H	16.59	16.89	17.68	17.98	19.44	19.47	19.78	20.57	20.87	22.32
	12H	16.57	16.84	17.67	17.93	19.42	19.57	19.83	20.67	20.92	22.41
12H	4H	16.29	16.67	17.37	17.75	19.19	18.85	19.23	19.93	20.31	21.75
	6H	16.61	16.91	17.70	18.00	19.45	19.32	19.62	20.41	20.72	22.17
	8H	16.67	16.94	17.77	18.03	19.52	19.48	19.74	20.58	20.83	22.32