

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: P934793

Luminaire Tested: SQ4-FA-075U-075D-B2750-1D-UNV-STD-W-8-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934793
REPORT IS A COMBINATION OF REPORTS P933712 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-075D-B2750-1D-UNV-STD-W-8-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

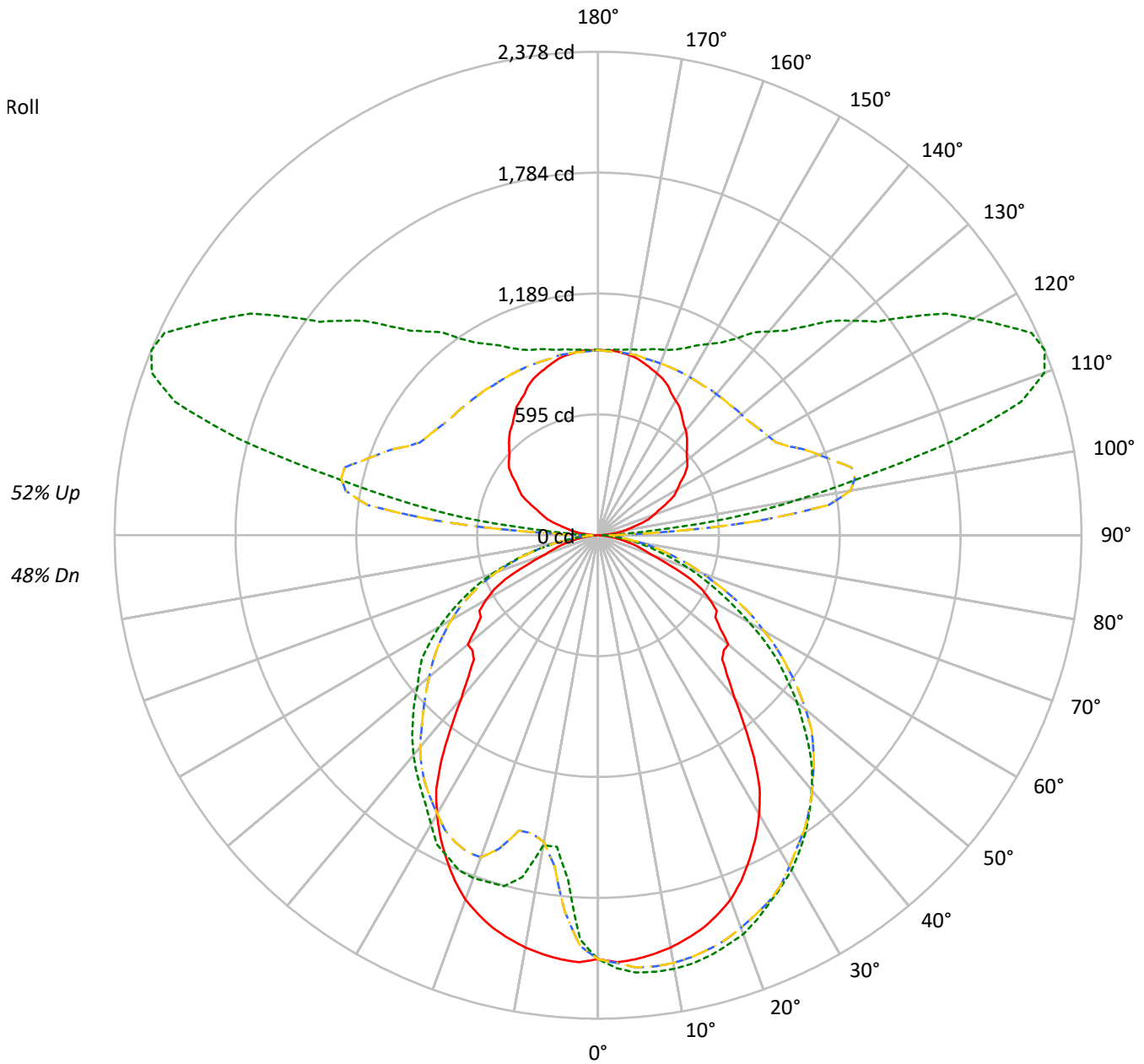
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11312.4 lumens
Efficiency: N/A
Efficacy: 133.4 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 84.8
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				
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	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48	48
1	97	93	89	86	89	86	82	79	72	70	68	60	58	56	48	47	46	40	40	40	40
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	40	39	34	34	34	34
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	29	29	29	29
4	74	63	55	49	68	58	52	46	49	44	40	41	37	34	33	31	28	25	25	25	25
5	68	56	48	42	62	52	45	40	44	39	34	37	33	29	30	27	25	21	21	21	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19	19
7	58	45	38	32	53	42	35	30	36	30	26	30	26	23	25	22	19	17	17	17	17
8	54	41	33	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13	13	13	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12	12	12	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9670	9670	9670	9670
5°	9743	9762	9743	7676
10°	9678	9616	9678	6874
15°	9572	9407	9572	7855
20°	9372	9161	9372	7872
25°	8962	8801	8962	7705
30°	8433	8502	8433	7339
35°	7518	8124	7518	6936
40°	6265	7679	6265	6632
45°	5597	7158	5597	6282
50°	5946	6537	5946	5932
55°	5595	5868	5595	5729
60°	5767	4983	5767	5247
65°	5229	4119	5229	4605
70°	3621	3283	3621	3860
75°	3175	2427	3175	2906
80°	2557	1605	2557	1747
85°	1472	850	1472	722

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8578 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.1	1.7
10°-20°	534.2	4.7
20°-30°	825.8	7.3
30°-40°	985.8	8.7
40°-50°	991.6	8.8
50°-60°	862.8	7.6
60°-70°	611.8	5.4
70°-80°	323.7	2.9
80°-90°	84.1	0.7
90°-100°	444.0	3.9
100°-110°	1167.3	10.3
110°-120°	1210.3	10.7
120°-130°	970.8	8.6
130°-140°	761.8	6.7
140°-150°	584.7	5.2
150°-160°	421.1	3.7
160°-170°	257.6	2.3
170°-180°	87.0	0.8
0°-30°	1548.1	13.7
0°-40°	2533.9	22.4
0°-60°	4388.3	38.8
0°-90°	5407.8	47.8
90°-120°	2821.6	24.9
90°-150°	5138.9	45.4
90°-180°	5905.0	52.2
0°-180°	11312.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2084	2084	2084	2084	2084	
5°	2094	2159	2094	1698	2094	199
15°	2000	2140	2000	1786	2000	563
25°	1761	1996	1761	1747	1761	809
35°	1339	1781	1339	1520	1339	828
45°	864	1467	864	1288	864	692
55°	704	1083	704	1057	704	647
65°	489	653	489	730	489	467
75°	185	310	185	371	185	195
85°	32	79	32	67	32	43
90°	6	23	6	23	6	6
95°	59	268	59	268	59	65
105°	210	1828	210	1828	210	223
115°	374	2354	374	2354	374	369
125°	520	1874	520	1874	520	461
135°	619	1454	619	1454	619	479
145°	718	1180	718	1180	718	450
155°	812	1016	812	1016	812	373
165°	876	946	876	946	876	247
175°	911	917	911	917	911	86
180°	911	911	911	911	911	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	2102.1	2102.1	2113.9	2117.8	2117.8	2111.9	2106.0	2111.9	2129.7	2135.6	2133.6
5°	2094.2	2109.9	2131.6	2135.6	2139.5	2137.5	2133.6	2137.5	2157.3	2161.2	2163.2
7.5°	2078.4	2108.0	2135.6	2141.5	2147.4	2141.5	2139.5	2143.5	2163.2	2167.1	2167.1
10°	2058.7	2100.1	2131.6	2135.6	2141.5	2135.6	2135.6	2143.5	2163.2	2167.1	2169.1
12.5°	2031.1	2088.2	2117.8	2121.8	2129.7	2127.7	2125.7	2133.6	2153.3	2157.3	2157.3
15°	1999.5	2066.6	2094.2	2098.1	2111.9	2108.0	2108.0	2115.9	2137.5	2143.5	2141.5
17.5°	1956.1	2038.9	2070.5	2076.4	2086.3	2084.3	2086.3	2094.2	2113.9	2117.8	2119.8
20°	1906.8	2001.5	2038.9	2044.9	2054.7	2054.7	2054.7	2064.6	2084.3	2092.2	2092.2
22.5°	1839.8	1962.0	2001.5	2005.4	2017.3	2017.3	2021.2	2035.0	2052.8	2054.7	2054.7
25°	1760.9	1918.7	1952.2	1964.0	1975.8	1981.8	1987.7	1995.6	2001.5	1999.5	2001.5
27.5°	1678.1	1863.4	1906.8	1914.7	1930.5	1936.4	1944.3	1946.3	1948.2	1954.2	1950.2
30°	1585.4	1786.5	1851.6	1859.5	1885.1	1889.1	1881.2	1885.1	1895.0	1898.9	1902.9
32.5°	1480.9	1672.2	1794.4	1812.2	1835.8	1824.0	1822.0	1827.9	1843.7	1843.7	1847.7
35°	1338.9	1583.4	1741.2	1757.0	1774.7	1760.9	1768.8	1770.8	1780.6	1786.5	1784.6
37.5°	1183.1	1506.5	1686.0	1697.8	1711.6	1693.8	1705.7	1711.6	1719.5	1715.5	1715.5
40°	1045.2	1386.2	1620.9	1628.8	1640.6	1626.8	1638.6	1642.6	1646.5	1642.6	1640.6
42.5°	942.6	1254.1	1551.9	1561.7	1553.8	1563.7	1567.6	1575.5	1569.6	1561.7	1561.7
45°	863.7	1218.6	1476.9	1488.8	1476.9	1492.7	1498.6	1498.6	1480.9	1476.9	1475.0
47.5°	838.1	1147.7	1402.0	1402.0	1396.1	1415.8	1425.7	1411.9	1394.1	1388.2	1388.2
50°	836.1	1068.8	1299.4	1291.6	1319.2	1342.8	1333.0	1319.2	1305.4	1283.7	1283.7
52.5°	759.2	972.2	1167.4	1196.9	1240.3	1254.1	1238.3	1224.5	1200.8	1191.0	1183.1
55°	704.0	871.6	1047.1	1106.3	1151.6	1169.4	1139.8	1126.0	1090.5	1084.6	1080.7
57.5°	692.2	725.7	936.7	1011.6	1066.9	1064.9	1047.1	1021.5	991.9	986.0	984.0
60°	635.0	524.6	818.4	907.1	964.3	958.4	942.6	919.0	891.3	887.4	883.5
62.5°	575.8	380.6	684.3	784.9	865.7	863.7	849.9	814.4	794.7	784.9	777.0
65°	489.1	319.5	487.1	652.7	769.1	773.0	743.4	717.8	696.1	684.3	682.3
67.5°	372.7	260.3	329.3	544.3	676.4	672.5	635.0	623.2	595.5	589.6	577.8
70°	276.1	173.5	228.8	441.7	585.7	575.8	546.2	532.4	506.8	493.0	485.1
72.5°	228.8	140.0	167.6	343.1	493.0	481.2	455.5	439.8	418.1	406.2	398.3
75°	185.4	147.9	128.2	254.4	400.3	392.4	368.8	353.0	335.2	319.5	321.4
77.5°	136.1	138.0	102.5	187.3	317.5	305.7	291.9	272.1	264.2	248.5	248.5
80°	102.5	108.5	76.9	128.2	228.8	228.8	216.9	203.1	189.3	181.4	181.4
82.5°	69.0	69.0	57.2	80.9	155.8	149.9	142.0	138.0	130.2	126.2	126.2
85°	31.6	39.4	35.5	49.3	84.8	88.7	88.7	84.8	82.8	78.9	80.9
87.5°	9.9	17.7	21.7	27.6	43.4	45.4	47.3	47.3	47.3	49.3	49.3
90°	6.1	11.0	16.0	17.2	26.9	39.9	46.4	41.3	31.0	23.3	23.3
92.5°	24.5	66.1	107.7	118.0	165.9	229.7	261.7	229.3	164.7	116.2	111.5
95°	58.7	134.8	210.8	229.8	408.1	645.8	764.7	682.4	517.7	394.3	380.3
97.5°	101.5	168.6	235.8	252.5	549.8	946.2	1144.4	1092.3	988.3	910.3	883.7
100°	134.5	195.3	256.3	271.4	601.4	1041.2	1261.1	1264.9	1272.5	1278.3	1246.5
102.5°	162.6	219.4	276.2	290.4	624.9	1071.1	1294.1	1360.4	1493.0	1592.5	1565.3
105°	210.3	258.4	306.4	318.5	642.5	1074.4	1290.5	1439.1	1736.2	1959.2	1944.6
107.5°	259.2	304.1	348.8	360.1	645.7	1026.6	1217.1	1424.4	1839.0	2150.0	2153.5
110°	292.3	332.7	373.1	383.3	640.8	984.2	1156.0	1387.7	1851.2	2198.9	2214.1



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	324.6	363.1	401.7	411.4	641.0	947.3	1100.4	1337.6	1812.0	2167.7	2191.1
115°	373.5	409.1	444.7	453.6	646.9	904.8	1033.7	1262.2	1719.2	2061.9	2094.4
117.5°	421.8	454.2	486.5	494.6	659.0	878.2	987.9	1194.0	1606.5	1915.8	1951.7
120°	449.9	480.3	510.7	518.3	668.7	869.3	969.5	1158.0	1534.8	1817.4	1852.3
122.5°	477.4	508.2	538.8	546.5	682.8	864.5	955.4	1125.1	1464.5	1719.0	1753.4
125°	519.6	547.6	575.5	582.5	701.7	860.7	940.2	1084.3	1372.5	1588.7	1620.5
127.5°	553.8	582.1	610.3	617.4	720.8	858.5	927.3	1051.1	1298.6	1484.2	1510.9
130°	572.2	602.5	633.0	640.6	734.6	859.9	922.5	1032.6	1253.0	1418.3	1443.0
132.5°	591.1	621.6	652.0	659.6	745.8	860.7	918.2	1016.8	1214.1	1362.0	1384.1
135°	619.2	646.9	674.7	681.6	758.0	859.9	910.9	993.5	1158.6	1282.5	1301.6
137.5°	648.0	675.4	702.8	709.7	776.4	865.2	909.6	979.4	1119.1	1223.8	1239.4
140°	671.9	697.1	722.3	728.7	787.5	866.1	905.3	965.7	1086.3	1176.8	1191.4
142.5°	690.2	713.6	736.9	742.8	797.0	869.3	905.3	958.3	1064.3	1143.8	1156.3
145°	718.3	738.7	759.0	764.2	809.2	869.3	899.2	942.6	1029.3	1094.3	1103.7
147.5°	746.4	766.2	786.1	791.1	827.2	875.2	899.2	933.3	1001.5	1052.7	1060.5
150°	764.7	782.7	800.6	805.1	836.4	878.3	899.2	928.0	985.6	1028.8	1035.2
152.5°	783.7	797.3	810.9	814.2	842.5	880.3	899.2	923.8	973.0	1009.9	1014.7
155°	811.8	821.8	831.9	834.5	856.0	884.8	899.2	918.8	957.9	987.3	990.4
157.5°	832.6	842.3	852.1	854.6	869.5	889.3	899.2	914.4	944.9	967.7	969.9
160°	846.7	854.3	861.9	863.7	875.6	891.3	899.2	912.2	938.4	957.9	959.2
162.5°	860.7	866.4	872.1	873.6	882.2	893.5	899.2	910.3	932.3	948.7	949.9
165°	876.0	881.1	886.3	887.6	891.4	896.7	899.2	907.1	922.9	934.7	936.0
167.5°	890.1	892.5	895.0	895.6	898.8	903.2	905.3	910.5	920.8	928.6	929.1
170°	899.2	901.7	904.2	904.8	905.0	905.2	905.3	910.5	920.8	928.6	928.6
172.5°	904.2	904.7	905.2	905.3	905.3	905.3	905.3	909.4	917.6	923.7	923.2
175°	910.9	910.9	910.9	910.9	909.0	906.5	905.3	907.9	913.1	917.0	917.0
177.5°	910.9	910.9	910.9	910.9	909.4	907.5	906.5	908.6	912.6	915.7	915.2
180°	910.9	910.9	910.9	910.9	910.9	910.9	910.9	910.9	910.9	910.9	910.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	2137.5	2131.6	2137.5	2133.6	2135.6	2129.7	2111.9	2106.0	2111.9	2117.8	2117.8
5°	2163.2	2159.2	2163.2	2163.2	2161.2	2157.3	2137.5	2133.6	2137.5	2139.5	2135.6
7.5°	2171.1	2165.2	2171.1	2167.1	2167.1	2163.2	2143.5	2139.5	2141.5	2147.4	2141.5
10°	2171.1	2165.2	2171.1	2169.1	2167.1	2163.2	2143.5	2135.6	2135.6	2141.5	2135.6
12.5°	2161.2	2157.3	2161.2	2157.3	2157.3	2153.3	2133.6	2125.7	2127.7	2129.7	2121.8
15°	2145.4	2139.5	2145.4	2141.5	2143.5	2137.5	2115.9	2108.0	2108.0	2111.9	2098.1
17.5°	2121.8	2113.9	2121.8	2119.8	2117.8	2113.9	2094.2	2086.3	2084.3	2086.3	2076.4
20°	2094.2	2088.2	2094.2	2092.2	2092.2	2084.3	2064.6	2054.7	2054.7	2054.7	2044.9
22.5°	2050.8	2044.9	2050.8	2054.7	2054.7	2052.8	2035.0	2021.2	2017.3	2017.3	2005.4
25°	2001.5	1995.6	2001.5	2001.5	1999.5	2001.5	1995.6	1987.7	1981.8	1975.8	1964.0
27.5°	1954.2	1950.2	1954.2	1950.2	1954.2	1948.2	1946.3	1944.3	1936.4	1930.5	1914.7
30°	1906.8	1902.9	1906.8	1902.9	1898.9	1895.0	1885.1	1881.2	1889.1	1885.1	1859.5
32.5°	1847.7	1843.7	1847.7	1847.7	1843.7	1843.7	1827.9	1822.0	1824.0	1835.8	1812.2
35°	1786.5	1780.6	1786.5	1784.6	1786.5	1780.6	1770.8	1768.8	1760.9	1774.7	1757.0
37.5°	1715.5	1709.6	1715.5	1715.5	1715.5	1719.5	1711.6	1705.7	1693.8	1711.6	1697.8
40°	1642.6	1634.7	1642.6	1640.6	1642.6	1646.5	1642.6	1638.6	1626.8	1640.6	1628.8
42.5°	1559.8	1557.8	1559.8	1561.7	1561.7	1569.6	1575.5	1567.6	1563.7	1553.8	1561.7
45°	1471.0	1467.1	1471.0	1475.0	1476.9	1480.9	1498.6	1498.6	1492.7	1476.9	1488.8
47.5°	1376.4	1366.5	1376.4	1388.2	1388.2	1394.1	1411.9	1425.7	1415.8	1396.1	1402.0
50°	1275.8	1277.8	1275.8	1283.7	1283.7	1305.4	1319.2	1333.0	1342.8	1319.2	1291.6
52.5°	1177.2	1175.3	1177.2	1183.1	1191.0	1200.8	1224.5	1238.3	1254.1	1240.3	1196.9
55°	1078.7	1082.6	1078.7	1080.7	1084.6	1090.5	1126.0	1139.8	1169.4	1151.6	1106.3
57.5°	980.1	974.2	980.1	984.0	986.0	991.9	1021.5	1047.1	1064.9	1066.9	1011.6
60°	865.7	857.8	865.7	883.5	887.4	891.3	919.0	942.6	958.4	964.3	907.1
62.5°	765.1	751.3	765.1	777.0	784.9	794.7	814.4	849.9	863.7	865.7	784.9
65°	658.6	652.7	658.6	682.3	684.3	696.1	717.8	743.4	773.0	769.1	652.7
67.5°	562.0	562.0	562.0	577.8	589.6	595.5	623.2	635.0	672.5	676.4	544.3
70°	473.3	471.3	473.3	485.1	493.0	506.8	532.4	546.2	575.8	585.7	441.7
72.5°	388.5	386.5	388.5	398.3	406.2	418.1	439.8	455.5	481.2	493.0	343.1
75°	313.5	309.6	313.5	321.4	319.5	335.2	353.0	368.8	392.4	400.3	254.4
77.5°	240.6	240.6	240.6	248.5	248.5	264.2	272.1	291.9	305.7	317.5	187.3
80°	179.5	177.5	179.5	181.4	181.4	189.3	203.1	216.9	228.8	228.8	128.2
82.5°	126.2	122.3	126.2	126.2	126.2	130.2	138.0	142.0	149.9	155.8	80.9
85°	78.9	78.9	78.9	80.9	78.9	82.8	84.8	88.7	88.7	84.8	49.3
87.5°	51.3	49.3	51.3	49.3	49.3	47.3	47.3	47.3	45.4	43.4	27.6
90°	23.3	23.3	23.3	23.3	23.3	31.0	41.3	46.4	39.9	26.9	17.2
92.5°	93.1	74.5	93.1	111.5	116.2	164.7	229.3	261.7	229.7	165.9	118.0
95°	324.4	268.4	324.4	380.3	394.3	517.7	682.4	764.7	645.8	408.1	229.8
97.5°	777.1	670.6	777.1	883.7	910.3	988.3	1092.3	1144.4	946.2	549.8	252.5
100°	1119.7	992.8	1119.7	1246.5	1278.3	1272.5	1264.9	1261.1	1041.2	601.4	271.4
102.5°	1456.6	1348.0	1456.6	1565.3	1592.5	1493.0	1360.4	1294.1	1071.1	624.9	290.4
105°	1886.1	1827.7	1886.1	1944.6	1959.2	1736.2	1439.1	1290.5	1074.4	642.5	318.5
107.5°	2167.6	2181.7	2167.6	2153.5	2150.0	1839.0	1424.4	1217.1	1026.6	645.7	360.1
110°	2275.0	2335.8	2275.0	2214.1	2198.9	1851.2	1387.7	1156.0	984.2	640.8	383.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2284.5	2377.9	2284.5	2191.1	2167.7	1812.0	1337.6	1100.4	947.3	641.0	411.4
115°	2223.9	2353.5	2223.9	2094.4	2061.9	1719.2	1262.2	1033.7	904.8	646.9	453.6
117.5°	2095.4	2239.2	2095.4	1951.7	1915.8	1606.5	1194.0	987.9	878.2	659.0	494.6
120°	1992.0	2131.6	1992.0	1852.3	1817.4	1534.8	1158.0	969.5	869.3	668.7	518.3
122.5°	1891.1	2028.9	1891.1	1753.4	1719.0	1464.5	1125.1	955.4	864.5	682.8	546.5
125°	1747.4	1874.3	1747.4	1620.5	1588.7	1372.5	1084.3	940.2	860.7	701.7	582.5
127.5°	1618.0	1725.1	1618.0	1510.9	1484.2	1298.6	1051.1	927.3	858.5	720.8	617.4
130°	1541.8	1640.7	1541.8	1443.0	1418.3	1253.0	1032.6	922.5	859.9	734.6	640.6
132.5°	1472.7	1561.2	1472.7	1384.1	1362.0	1214.1	1016.8	918.2	860.7	745.8	659.6
135°	1377.9	1454.3	1377.9	1301.6	1282.5	1158.6	993.5	910.9	859.9	758.0	681.6
137.5°	1301.9	1364.4	1301.9	1239.4	1223.8	1119.1	979.4	909.6	865.2	776.4	709.7
140°	1249.9	1308.2	1249.9	1191.4	1176.8	1086.3	965.7	905.3	866.1	787.5	728.7
142.5°	1206.6	1256.9	1206.6	1156.3	1143.8	1064.3	958.3	905.3	869.3	797.0	742.8
145°	1141.8	1179.8	1141.8	1103.7	1094.3	1029.3	942.6	899.2	869.3	809.2	764.2
147.5°	1092.0	1123.5	1092.0	1060.5	1052.7	1001.5	933.3	899.2	875.2	827.2	791.1
150°	1060.7	1086.3	1060.7	1035.2	1028.8	985.6	928.0	899.2	878.3	836.4	805.1
152.5°	1033.9	1053.2	1033.9	1014.7	1009.9	973.0	923.8	899.2	880.3	842.5	814.2
155°	1003.3	1016.0	1003.3	990.4	987.3	957.9	918.8	899.2	884.8	856.0	834.5
157.5°	978.9	987.9	978.9	969.9	967.7	944.9	914.4	899.2	889.3	869.5	854.6
160°	964.4	969.5	964.4	959.2	957.9	938.4	912.2	899.2	891.3	875.6	863.7
162.5°	954.8	959.8	954.8	949.9	948.7	932.3	910.3	899.2	893.5	882.2	873.6
165°	941.1	946.3	941.1	936.0	934.7	922.9	907.1	899.2	896.7	891.4	887.6
167.5°	931.3	933.4	931.3	929.1	928.6	920.8	910.5	905.3	903.2	898.8	895.6
170°	928.6	928.6	928.6	928.6	928.6	920.8	910.5	905.3	905.2	905.0	904.8
172.5°	921.3	919.4	921.3	923.2	923.7	917.6	909.4	905.3	905.3	905.3	905.3
175°	917.0	917.0	917.0	917.0	917.0	913.1	907.9	905.3	906.5	909.0	910.9
177.5°	913.0	910.9	913.0	915.2	915.7	912.6	908.6	906.5	907.5	909.4	910.9
180°	910.9	910.9	910.9	910.9	910.9	910.9	910.9	910.9	910.9	910.9	910.9



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	2113.9	2102.1	2102.1	2082.3	2074.4	2068.5	2058.7	2029.1	2021.2	2013.3	2025.1
5°	2131.6	2109.9	2094.2	2058.7	2029.1	2017.3	1979.8	1908.8	1861.5	1826.0	1806.3
7.5°	2135.6	2108.0	2078.4	2023.2	1952.2	1920.6	1806.3	1676.1	1640.6	1609.1	1589.3
10°	2131.6	2100.1	2058.7	1975.8	1808.2	1753.0	1638.6	1553.8	1532.1	1526.2	1532.1
12.5°	2117.8	2088.2	2031.1	1893.0	1658.4	1620.9	1553.8	1504.5	1500.6	1510.5	1563.7
15°	2094.2	2066.6	1999.5	1782.6	1575.5	1547.9	1500.6	1482.8	1504.5	1573.6	1733.3
17.5°	2070.5	2038.9	1956.1	1674.1	1512.4	1492.7	1459.2	1494.7	1616.9	1709.6	1762.9
20°	2038.9	2001.5	1906.8	1595.2	1467.1	1449.3	1433.5	1593.3	1686.0	1719.5	1749.1
22.5°	2001.5	1962.0	1839.8	1540.0	1419.7	1405.9	1415.8	1648.5	1686.0	1709.6	1735.3
25°	1952.2	1918.7	1760.9	1496.6	1382.3	1366.5	1404.0	1642.6	1664.3	1670.2	1721.5
27.5°	1906.8	1863.4	1678.1	1457.2	1336.9	1331.0	1413.8	1616.9	1632.7	1638.6	1693.8
30°	1851.6	1786.5	1585.4	1415.8	1289.6	1287.6	1415.8	1585.4	1581.4	1597.2	1652.4
32.5°	1794.4	1672.2	1480.9	1364.5	1244.2	1242.3	1402.0	1538.1	1534.1	1555.8	1597.2
35°	1741.2	1583.4	1338.9	1305.4	1187.0	1189.0	1368.5	1482.8	1484.8	1504.5	1530.2
37.5°	1686.0	1506.5	1183.1	1240.3	1131.9	1131.9	1323.1	1431.6	1427.6	1433.5	1469.0
40°	1620.9	1386.2	1045.2	1155.6	1080.7	1074.7	1267.9	1376.4	1362.6	1360.6	1409.9
42.5°	1551.9	1254.1	942.6	1043.2	1021.5	1013.6	1200.8	1309.3	1283.7	1289.6	1352.7
45°	1476.9	1218.6	863.7	881.5	960.4	954.4	1128.0	1232.4	1214.7	1230.4	1295.5
47.5°	1402.0	1147.7	838.1	731.6	895.3	893.3	1047.1	1157.6	1147.7	1163.5	1232.4
50°	1299.4	1068.8	836.1	627.1	822.3	830.2	950.5	1084.6	1084.6	1098.4	1171.4
52.5°	1167.4	972.2	759.2	567.9	737.5	761.2	865.7	1021.5	1025.4	1039.2	1104.3
55°	1047.1	871.6	704.0	522.6	637.0	688.2	782.9	956.4	964.3	978.1	1037.3
57.5°	936.7	725.7	692.2	469.3	544.3	593.6	709.9	893.3	897.3	909.1	966.3
60°	818.4	524.6	635.0	412.1	463.4	500.9	642.9	818.4	832.2	840.1	889.4
62.5°	684.3	380.6	575.8	372.7	424.0	431.9	587.7	747.4	765.1	771.1	800.6
65°	487.1	319.5	489.1	339.2	382.6	384.5	528.5	674.4	690.2	700.1	721.8
67.5°	329.3	260.3	372.7	307.6	351.0	353.0	471.3	589.6	611.3	619.2	633.0
70°	228.8	173.5	276.1	274.1	315.5	319.5	410.2	512.7	532.4	538.4	546.2
72.5°	167.6	140.0	228.8	246.5	278.1	282.0	347.1	426.0	445.7	451.6	455.5
75°	128.2	147.9	185.4	214.9	236.6	238.6	284.0	347.1	360.9	364.8	366.8
77.5°	102.5	138.0	136.1	173.5	193.3	189.3	222.8	268.2	280.0	280.0	280.0
80°	76.9	108.5	102.5	124.2	142.0	138.0	159.7	191.3	195.2	199.2	197.2
82.5°	57.2	69.0	69.0	78.9	94.7	90.7	106.5	124.2	124.2	124.2	128.2
85°	35.5	39.4	31.6	41.4	53.2	51.3	59.2	67.0	69.0	69.0	65.1
87.5°	21.7	17.7	9.9	15.8	23.7	23.7	27.6	29.6	27.6	27.6	27.6
90°	16.0	11.0	6.1	11.0	16.0	17.2	26.9	39.9	46.4	41.3	31.0
92.5°	107.7	66.1	24.5	66.1	107.7	118.0	165.9	229.7	261.7	229.3	164.7
95°	210.8	134.8	58.7	134.8	210.8	229.8	408.1	645.8	764.7	682.4	517.7
97.5°	235.8	168.6	101.5	168.6	235.8	252.5	549.8	946.2	1144.4	1092.3	988.3
100°	256.3	195.3	134.5	195.3	256.3	271.4	601.4	1041.2	1261.1	1264.9	1272.5
102.5°	276.2	219.4	162.6	219.4	276.2	290.4	624.9	1071.1	1294.1	1360.4	1493.0
105°	306.4	258.4	210.3	258.4	306.4	318.5	642.5	1074.4	1290.5	1439.1	1736.2
107.5°	348.8	304.1	259.2	304.1	348.8	360.1	645.7	1026.6	1217.1	1424.4	1839.0
110°	373.1	332.7	292.3	332.7	373.1	383.3	640.8	984.2	1156.0	1387.7	1851.2



TEST NUMBER: P934793

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	401.7	363.1	324.6	363.1	401.7	411.4	641.0	947.3	1100.4	1337.6	1812.0
115°	444.7	409.1	373.5	409.1	444.7	453.6	646.9	904.8	1033.7	1262.2	1719.2
117.5°	486.5	454.2	421.8	454.2	486.5	494.6	659.0	878.2	987.9	1194.0	1606.5
120°	510.7	480.3	449.9	480.3	510.7	518.3	668.7	869.3	969.5	1158.0	1534.8
122.5°	538.8	508.2	477.4	508.2	538.8	546.5	682.8	864.5	955.4	1125.1	1464.5
125°	575.5	547.6	519.6	547.6	575.5	582.5	701.7	860.7	940.2	1084.3	1372.5
127.5°	610.3	582.1	553.8	582.1	610.3	617.4	720.8	858.5	927.3	1051.1	1298.6
130°	633.0	602.5	572.2	602.5	633.0	640.6	734.6	859.9	922.5	1032.6	1253.0
132.5°	652.0	621.6	591.1	621.6	652.0	659.6	745.8	860.7	918.2	1016.8	1214.1
135°	674.7	646.9	619.2	646.9	674.7	681.6	758.0	859.9	910.9	993.5	1158.6
137.5°	702.8	675.4	648.0	675.4	702.8	709.7	776.4	865.2	909.6	979.4	1119.1
140°	722.3	697.1	671.9	697.1	722.3	728.7	787.5	866.1	905.3	965.7	1086.3
142.5°	736.9	713.6	690.2	713.6	736.9	742.8	797.0	869.3	905.3	958.3	1064.3
145°	759.0	738.7	718.3	738.7	759.0	764.2	809.2	869.3	899.2	942.6	1029.3
147.5°	786.1	766.2	746.4	766.2	786.1	791.1	827.2	875.2	899.2	933.3	1001.5
150°	800.6	782.7	764.7	782.7	800.6	805.1	836.4	878.3	899.2	928.0	985.6
152.5°	810.9	797.3	783.7	797.3	810.9	814.2	842.5	880.3	899.2	923.8	973.0
155°	831.9	821.8	811.8	821.8	831.9	834.5	856.0	884.8	899.2	918.8	957.9
157.5°	852.1	842.3	832.6	842.3	852.1	854.6	869.5	889.3	899.2	914.4	944.9
160°	861.9	854.3	846.7	854.3	861.9	863.7	875.6	891.3	899.2	912.2	938.4
162.5°	872.1	866.4	860.7	866.4	872.1	873.6	882.2	893.5	899.2	910.3	932.3
165°	886.3	881.1	876.0	881.1	886.3	887.6	891.4	896.7	899.2	907.1	922.9
167.5°	895.0	892.5	890.1	892.5	895.0	895.6	898.8	903.2	905.3	910.5	920.8
170°	904.2	901.7	899.2	901.7	904.2	904.8	905.0	905.2	905.3	910.5	920.8
172.5°	905.2	904.7	904.2	904.7	905.2	905.3	905.3	905.3	905.3	909.4	917.6
175°	910.9	910.9	910.9	910.9	910.9	910.9	909.0	906.5	905.3	907.9	913.1
177.5°	910.9	910.9	910.9	910.9	910.9	910.9	909.4	907.5	906.5	908.6	912.6
180°	910.9	910.9	910.9	910.9	910.9	910.9	910.9	910.9	910.9	910.9	910.9



TEST NUMBER: P934793

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-STD-W-8-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	2011.3	2005.4	2013.3	1991.6	2013.3	2005.4	2011.3	2025.1	2013.3	2021.2	2029.1
5°	1764.8	1755.0	1723.4	1697.8	1723.4	1755.0	1764.8	1806.3	1826.0	1861.5	1908.8
7.5°	1577.5	1569.6	1561.7	1545.9	1561.7	1569.6	1577.5	1589.3	1609.1	1640.6	1676.1
10°	1536.1	1538.1	1549.9	1547.9	1549.9	1538.1	1536.1	1532.1	1526.2	1532.1	1553.8
12.5°	1642.6	1660.3	1725.4	1721.5	1725.4	1660.3	1642.6	1563.7	1510.5	1500.6	1504.5
15°	1764.8	1770.8	1784.6	1786.5	1784.6	1770.8	1764.8	1733.3	1573.6	1504.5	1482.8
17.5°	1776.7	1778.6	1788.5	1788.5	1788.5	1778.6	1776.7	1762.9	1709.6	1616.9	1494.7
20°	1766.8	1770.8	1790.5	1794.4	1790.5	1770.8	1766.8	1749.1	1719.5	1686.0	1593.3
22.5°	1762.9	1770.8	1786.5	1784.6	1786.5	1770.8	1762.9	1735.3	1709.6	1686.0	1648.5
25°	1743.1	1743.1	1745.1	1747.1	1745.1	1743.1	1743.1	1721.5	1670.2	1664.3	1642.6
27.5°	1701.7	1705.7	1717.5	1715.5	1717.5	1705.7	1701.7	1693.8	1638.6	1632.7	1616.9
30°	1664.3	1660.3	1650.5	1642.6	1650.5	1660.3	1664.3	1652.4	1597.2	1581.4	1585.4
32.5°	1601.2	1591.3	1581.4	1575.5	1581.4	1591.3	1601.2	1597.2	1555.8	1534.1	1538.1
35°	1526.2	1528.2	1526.2	1520.3	1526.2	1528.2	1526.2	1530.2	1504.5	1484.8	1482.8
37.5°	1473.0	1476.9	1475.0	1467.1	1475.0	1476.9	1473.0	1469.0	1433.5	1427.6	1431.6
40°	1417.8	1419.7	1417.8	1411.9	1417.8	1419.7	1417.8	1409.9	1360.6	1362.6	1376.4
42.5°	1364.5	1362.6	1356.6	1352.7	1356.6	1362.6	1364.5	1352.7	1289.6	1283.7	1309.3
45°	1303.4	1305.4	1293.5	1287.6	1293.5	1305.4	1303.4	1295.5	1230.4	1214.7	1232.4
47.5°	1242.3	1242.3	1232.4	1226.5	1232.4	1242.3	1242.3	1232.4	1163.5	1147.7	1157.6
50°	1177.2	1175.3	1161.5	1159.5	1161.5	1175.3	1177.2	1171.4	1098.4	1084.6	1084.6
52.5°	1102.3	1102.3	1104.3	1108.3	1104.3	1102.3	1102.3	1104.3	1039.2	1025.4	1021.5
55°	1037.3	1039.2	1053.0	1057.0	1053.0	1039.2	1037.3	1037.3	978.1	964.3	956.4
57.5°	970.2	970.2	980.1	980.1	980.1	970.2	970.2	966.3	909.1	897.3	893.3
60°	893.3	897.3	905.1	903.2	905.1	897.3	893.3	889.4	840.1	832.2	818.4
62.5°	812.5	816.4	818.4	814.4	818.4	816.4	812.5	800.6	771.1	765.1	747.4
65°	727.7	731.6	733.6	729.6	733.6	731.6	727.7	721.8	700.1	690.2	674.4
67.5°	640.9	638.9	637.0	644.8	637.0	638.9	640.9	633.0	619.2	611.3	589.6
70°	552.2	552.2	550.2	554.1	550.2	552.2	552.2	546.2	538.4	532.4	512.7
72.5°	457.5	455.5	463.4	457.5	463.4	455.5	457.5	455.5	451.6	445.7	426.0
75°	364.8	368.8	364.8	370.7	364.8	368.8	364.8	366.8	364.8	360.9	347.1
77.5°	278.1	282.0	278.1	278.1	278.1	282.0	278.1	280.0	280.0	280.0	268.2
80°	197.2	195.2	195.2	193.3	195.2	195.2	197.2	197.2	199.2	195.2	191.3
82.5°	126.2	124.2	124.2	128.2	124.2	124.2	126.2	128.2	124.2	124.2	124.2
85°	69.0	71.0	67.0	67.0	67.0	71.0	69.0	65.1	69.0	69.0	67.0
87.5°	25.6	23.7	23.7	23.7	23.7	23.7	25.6	27.6	27.6	27.6	29.6
90°	23.3	23.3	23.3	23.3	23.3	23.3	23.3	31.0	41.3	46.4	39.9
92.5°	116.2	111.5	93.1	74.5	93.1	111.5	116.2	164.7	229.3	261.7	229.7
95°	394.3	380.3	324.4	268.4	324.4	380.3	394.3	517.7	682.4	764.7	645.8
97.5°	910.3	883.7	777.1	670.6	777.1	883.7	910.3	988.3	1092.3	1144.4	946.2
100°	1278.3	1246.5	1119.7	992.8	1119.7	1246.5	1278.3	1272.5	1264.9	1261.1	1041.2
102.5°	1592.5	1565.3	1456.6	1348.0	1456.6	1565.3	1592.5	1493.0	1360.4	1294.1	1071.1
105°	1959.2	1944.6	1886.1	1827.7	1886.1	1944.6	1959.2	1736.2	1439.1	1290.5	1074.4
107.5°	2150.0	2153.5	2167.6	2181.7	2167.6	2153.5	2150.0	1839.0	1424.4	1217.1	1026.6
110°	2198.9	2214.1	2275.0	2335.8	2275.0	2214.1	2198.9	1851.2	1387.7	1156.0	984.2



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2167.7	2191.1	2284.5	2377.9	2284.5	2191.1	2167.7	1812.0	1337.6	1100.4	947.3
115°	2061.9	2094.4	2223.9	2353.5	2223.9	2094.4	2061.9	1719.2	1262.2	1033.7	904.8
117.5°	1915.8	1951.7	2095.4	2239.2	2095.4	1951.7	1915.8	1606.5	1194.0	987.9	878.2
120°	1817.4	1852.3	1992.0	2131.6	1992.0	1852.3	1817.4	1534.8	1158.0	969.5	869.3
122.5°	1719.0	1753.4	1891.1	2028.9	1891.1	1753.4	1719.0	1464.5	1125.1	955.4	864.5
125°	1588.7	1620.5	1747.4	1874.3	1747.4	1620.5	1588.7	1372.5	1084.3	940.2	860.7
127.5°	1484.2	1510.9	1618.0	1725.1	1618.0	1510.9	1484.2	1298.6	1051.1	927.3	858.5
130°	1418.3	1443.0	1541.8	1640.7	1541.8	1443.0	1418.3	1253.0	1032.6	922.5	859.9
132.5°	1362.0	1384.1	1472.7	1561.2	1472.7	1384.1	1362.0	1214.1	1016.8	918.2	860.7
135°	1282.5	1301.6	1377.9	1454.3	1377.9	1301.6	1282.5	1158.6	993.5	910.9	859.9
137.5°	1223.8	1239.4	1301.9	1364.4	1301.9	1239.4	1223.8	1119.1	979.4	909.6	865.2
140°	1176.8	1191.4	1249.9	1308.2	1249.9	1191.4	1176.8	1086.3	965.7	905.3	866.1
142.5°	1143.8	1156.3	1206.6	1256.9	1206.6	1156.3	1143.8	1064.3	958.3	905.3	869.3
145°	1094.3	1103.7	1141.8	1179.8	1141.8	1103.7	1094.3	1029.3	942.6	899.2	869.3
147.5°	1052.7	1060.5	1092.0	1123.5	1092.0	1060.5	1052.7	1001.5	933.3	899.2	875.2
150°	1028.8	1035.2	1060.7	1086.3	1060.7	1035.2	1028.8	985.6	928.0	899.2	878.3
152.5°	1009.9	1014.7	1033.9	1053.2	1033.9	1014.7	1009.9	973.0	923.8	899.2	880.3
155°	987.3	990.4	1003.3	1016.0	1003.3	990.4	987.3	957.9	918.8	899.2	884.8
157.5°	967.7	969.9	978.9	987.9	978.9	969.9	967.7	944.9	914.4	899.2	889.3
160°	957.9	959.2	964.4	969.5	964.4	959.2	957.9	938.4	912.2	899.2	891.3
162.5°	948.7	949.9	954.8	959.8	954.8	949.9	948.7	932.3	910.3	899.2	893.5
165°	934.7	936.0	941.1	946.3	941.1	936.0	934.7	922.9	907.1	899.2	896.7
167.5°	928.6	929.1	931.3	933.4	931.3	929.1	928.6	920.8	910.5	905.3	903.2
170°	928.6	928.6	928.6	928.6	928.6	928.6	928.6	920.8	910.5	905.3	905.2
172.5°	923.7	923.2	921.3	919.4	921.3	923.2	923.7	917.6	909.4	905.3	905.3
175°	917.0	917.0	917.0	917.0	917.0	917.0	917.0	913.1	907.9	905.3	906.5
177.5°	915.7	915.2	913.0	910.9	913.0	915.2	915.7	912.6	908.6	906.5	907.5
180°	910.9	910.9	910.9	910.9	910.9	910.9	910.9	910.9	910.9	910.9	910.9



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2084.3	2084.3	2084.3	2084.3	2084.3
2.5°	2058.7	2068.5	2074.4	2082.3	2102.1
5°	1979.8	2017.3	2029.1	2058.7	2094.2
7.5°	1806.3	1920.6	1952.2	2023.2	2078.4
10°	1638.6	1753.0	1808.2	1975.8	2058.7
12.5°	1553.8	1620.9	1658.4	1893.0	2031.1
15°	1500.6	1547.9	1575.5	1782.6	1999.5
17.5°	1459.2	1492.7	1512.4	1674.1	1956.1
20°	1433.5	1449.3	1467.1	1595.2	1906.8
22.5°	1415.8	1405.9	1419.7	1540.0	1839.8
25°	1404.0	1366.5	1382.3	1496.6	1760.9
27.5°	1413.8	1331.0	1336.9	1457.2	1678.1
30°	1415.8	1287.6	1289.6	1415.8	1585.4
32.5°	1402.0	1242.3	1244.2	1364.5	1480.9
35°	1368.5	1189.0	1187.0	1305.4	1338.9
37.5°	1323.1	1131.9	1131.9	1240.3	1183.1
40°	1267.9	1074.7	1080.7	1155.6	1045.2
42.5°	1200.8	1013.6	1021.5	1043.2	942.6
45°	1128.0	954.4	960.4	881.5	863.7
47.5°	1047.1	893.3	895.3	731.6	838.1
50°	950.5	830.2	822.3	627.1	836.1
52.5°	865.7	761.2	737.5	567.9	759.2
55°	782.9	688.2	637.0	522.6	704.0
57.5°	709.9	593.6	544.3	469.3	692.2
60°	642.9	500.9	463.4	412.1	635.0
62.5°	587.7	431.9	424.0	372.7	575.8
65°	528.5	384.5	382.6	339.2	489.1
67.5°	471.3	353.0	351.0	307.6	372.7
70°	410.2	319.5	315.5	274.1	276.1
72.5°	347.1	282.0	278.1	246.5	228.8
75°	284.0	238.6	236.6	214.9	185.4
77.5°	222.8	189.3	193.3	173.5	136.1
80°	159.7	138.0	142.0	124.2	102.5
82.5°	106.5	90.7	94.7	78.9	69.0
85°	59.2	51.3	53.2	41.4	31.6
87.5°	27.6	23.7	23.7	15.8	9.9
90°	26.9	17.2	16.0	11.0	6.1
92.5°	165.9	118.0	107.7	66.1	24.5
95°	408.1	229.8	210.8	134.8	58.7
97.5°	549.8	252.5	235.8	168.6	101.5
100°	601.4	271.4	256.3	195.3	134.5
102.5°	624.9	290.4	276.2	219.4	162.6
105°	642.5	318.5	306.4	258.4	210.3
107.5°	645.7	360.1	348.8	304.1	259.2
110°	640.8	383.3	373.1	332.7	292.3



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	641.0	411.4	401.7	363.1	324.6
115°	646.9	453.6	444.7	409.1	373.5
117.5°	659.0	494.6	486.5	454.2	421.8
120°	668.7	518.3	510.7	480.3	449.9
122.5°	682.8	546.5	538.8	508.2	477.4
125°	701.7	582.5	575.5	547.6	519.6
127.5°	720.8	617.4	610.3	582.1	553.8
130°	734.6	640.6	633.0	602.5	572.2
132.5°	745.8	659.6	652.0	621.6	591.1
135°	758.0	681.6	674.7	646.9	619.2
137.5°	776.4	709.7	702.8	675.4	648.0
140°	787.5	728.7	722.3	697.1	671.9
142.5°	797.0	742.8	736.9	713.6	690.2
145°	809.2	764.2	759.0	738.7	718.3
147.5°	827.2	791.1	786.1	766.2	746.4
150°	836.4	805.1	800.6	782.7	764.7
152.5°	842.5	814.2	810.9	797.3	783.7
155°	856.0	834.5	831.9	821.8	811.8
157.5°	869.5	854.6	852.1	842.3	832.6
160°	875.6	863.7	861.9	854.3	846.7
162.5°	882.2	873.6	872.1	866.4	860.7
165°	891.4	887.6	886.3	881.1	876.0
167.5°	898.8	895.6	895.0	892.5	890.1
170°	905.0	904.8	904.2	901.7	899.2
172.5°	905.3	905.3	905.2	904.7	904.2
175°	909.0	910.9	910.9	910.9	910.9
177.5°	909.4	910.9	910.9	910.9	910.9
180°	910.9	910.9	910.9	910.9	910.9



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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	12.48	13.33	13.46	14.32	15.62	15.32	16.16	16.30	17.15	18.46
	3H	12.96	13.71	13.95	14.71	16.04	16.67	17.42	17.66	18.42	19.75
	4H	13.15	13.86	14.15	14.87	16.20	17.11	17.83	18.11	18.83	20.16
	6H	13.27	13.93	14.28	14.93	16.28	17.40	18.06	18.41	19.06	20.41
	8H	13.27	13.89	14.29	14.92	16.26	17.47	18.10	18.49	19.12	20.46
	12H	13.24	13.83	14.26	14.85	16.22	17.51	18.11	18.54	19.13	20.49
4H	2H	13.52	14.23	14.52	15.23	16.56	15.73	16.44	16.73	17.44	18.78
	3H	14.54	15.14	15.56	16.17	17.51	17.23	17.83	18.25	18.86	20.21
	4H	14.82	15.36	15.84	16.38	17.75	17.76	18.31	18.79	19.33	20.70
	6H	14.94	15.41	15.97	16.46	17.82	18.13	18.60	19.16	19.64	21.01
	8H	14.95	15.38	15.98	16.42	17.80	18.24	18.67	19.27	19.71	21.09
	12H	14.91	15.31	15.97	16.36	17.75	18.29	18.69	19.35	19.74	21.13
8H	4H	15.27	15.71	16.31	16.75	18.13	17.89	18.32	18.92	19.36	20.74
	6H	15.53	15.89	16.59	16.97	18.35	18.32	18.69	19.38	19.77	21.14
	8H	15.57	15.89	16.64	16.96	18.35	18.48	18.79	19.54	19.86	21.26
	12H	15.56	15.84	16.63	16.90	18.34	18.58	18.86	19.65	19.92	21.36
12H	4H	15.28	15.67	16.33	16.72	18.11	17.85	18.24	18.90	19.30	20.68
	6H	15.59	15.91	16.66	16.98	18.37	18.32	18.64	19.39	19.70	21.10
	8H	15.66	15.94	16.73	17.00	18.44	18.48	18.76	19.55	19.82	21.26