

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: P935753

Luminaire Tested: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-12-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935753
REPORT IS A COMBINATION OF REPORTS P933765 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-12-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

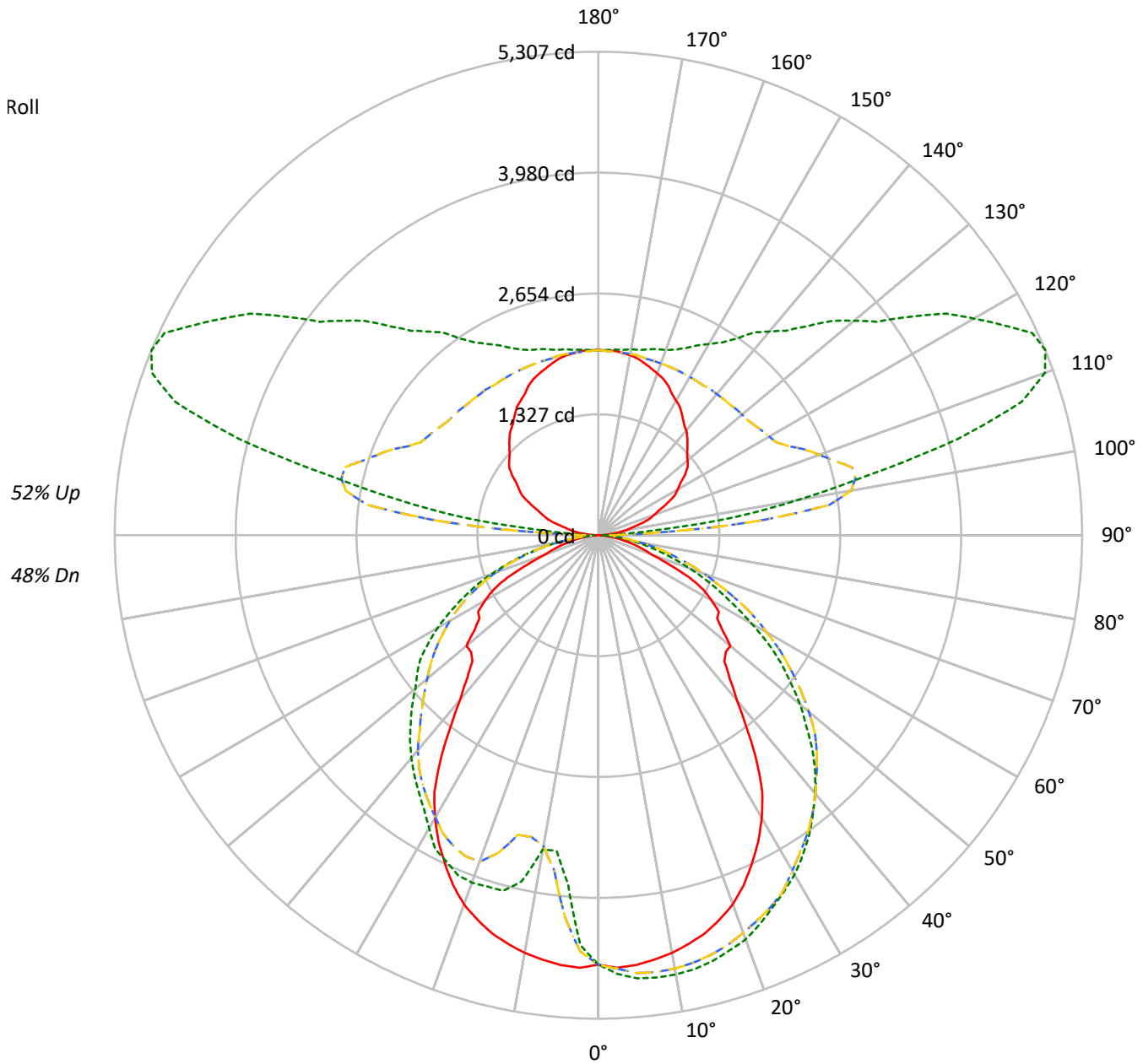
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25404.8 lumens
Efficiency: N/A
Efficacy: 112.6 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 225.6
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

TEST NUMBER: P935753
CATALOG NUMBER: SQ4-FA-125U-125D-93050-1D-UNV-STD-W-12-3000K

Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14578	14578	14578	14578
5°	14692	14715	14692	11571
10°	14599	14495	14599	10363
15°	14445	14181	14445	11842
20°	14149	13809	14149	11866
25°	13536	13267	13536	11615
30°	12742	12816	12742	11063
35°	11365	12246	11365	10456
40°	9476	11575	9476	9997
45°	8472	10790	8472	9470
50°	9008	9854	9008	8941
55°	8482	8845	8482	8635
60°	8756	7512	8756	7909
65°	7951	6210	7951	6941
70°	5519	4949	5519	5818
75°	4857	3658	4857	4381
80°	3944	2418	3944	2634
85°	2310	1281	2310	1089

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12977 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	425.4	1.7
10°-20°	1207.9	4.8
20°-30°	1867.2	7.3
30°-40°	2229.0	8.8
40°-50°	2242.1	8.8
50°-60°	1950.9	7.7
60°-70°	1383.2	5.4
70°-80°	731.8	2.9
80°-90°	190.0	0.7
90°-100°	990.8	3.9
100°-110°	2605.0	10.3
110°-120°	2701.1	10.6
120°-130°	2166.6	8.5
130°-140°	1700.0	6.7
140°-150°	1304.8	5.1
150°-160°	939.7	3.7
160°-170°	575.0	2.3
170°-180°	194.2	0.8
0°-30°	3500.5	13.8
0°-40°	5729.5	22.6
0°-60°	9922.5	39.1
0°-90°	12227.6	48.1
90°-120°	6296.9	24.8
90°-150°	11468.4	45.1
90°-180°	13177.0	51.9
0°-180°	25404.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4713	4713	4713	4713	4713	
5°	4735	4882	4735	3839	4735	449
15°	4521	4838	4521	4040	4521	1272
25°	3982	4512	3982	3950	3982	1828
35°	3028	4026	3028	3438	3028	1873
45°	1953	3317	1953	2912	1953	1564
55°	1592	2448	1592	2390	1592	1463
65°	1106	1476	1106	1650	1106	1057
75°	419	700	419	838	419	441
85°	71	178	71	152	71	96
90°	14	52	14	52	14	14
95°	131	599	131	599	131	145
105°	469	4079	469	4079	469	498
115°	834	5252	834	5252	834	823
125°	1160	4183	1160	4183	1160	1030
135°	1382	3246	1382	3246	1382	1069
145°	1603	2633	1603	2633	1603	1004
155°	1812	2267	1812	2267	1812	832
165°	1955	2112	1955	2112	1955	552
175°	2033	2046	2033	2046	2033	193
180°	2033	2033	2033	2033	2033	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0
2.5°	4753.1	4753.1	4779.8	4788.8	4788.8	4775.3	4762.0	4775.3	4815.5	4828.9	4824.4
5°	4735.2	4770.9	4819.9	4828.9	4837.8	4833.3	4824.4	4833.3	4877.9	4886.9	4891.3
7.5°	4699.5	4766.5	4828.9	4842.2	4855.6	4842.2	4837.8	4846.7	4891.3	4900.2	4900.2
10°	4655.0	4748.6	4819.9	4828.9	4842.2	4828.9	4828.9	4846.7	4891.3	4900.2	4904.7
12.5°	4592.5	4721.8	4788.8	4797.6	4815.5	4811.0	4806.6	4824.4	4868.9	4877.9	4877.9
15°	4521.2	4672.8	4735.2	4744.1	4775.3	4766.5	4766.5	4784.3	4833.3	4846.7	4842.2
17.5°	4423.1	4610.4	4681.7	4695.1	4717.4	4713.0	4717.4	4735.2	4779.8	4788.8	4793.2
20°	4311.7	4525.6	4610.4	4623.7	4646.0	4646.0	4646.0	4668.3	4713.0	4730.8	4730.8
22.5°	4160.1	4436.5	4525.6	4534.6	4561.4	4561.4	4570.2	4601.4	4641.6	4646.0	4646.0
25°	3981.7	4338.4	4414.2	4441.0	4467.7	4481.1	4494.4	4512.3	4525.6	4521.2	4525.6
27.5°	3794.4	4213.6	4311.7	4329.5	4365.2	4378.5	4396.3	4400.8	4405.3	4418.6	4409.8
30°	3584.9	4039.7	4186.8	4204.6	4262.6	4271.5	4253.7	4262.6	4284.9	4293.8	4302.7
32.5°	3348.5	3781.1	4057.5	4097.6	4151.1	4124.4	4119.9	4133.3	4168.9	4168.9	4177.9
35°	3027.5	3580.4	3937.1	3972.7	4012.9	3981.7	3999.5	4004.0	4026.3	4039.7	4035.2
37.5°	2675.3	3406.5	3812.3	3839.1	3870.2	3830.1	3856.9	3870.2	3888.1	3879.1	3879.1
40°	2363.2	3134.5	3665.2	3683.0	3709.7	3678.5	3705.3	3714.2	3723.1	3714.2	3709.7
42.5°	2131.3	2835.8	3509.1	3531.4	3513.6	3535.8	3544.7	3562.6	3549.2	3531.4	3531.4
45°	1952.9	2755.5	3339.7	3366.4	3339.7	3375.3	3388.7	3388.7	3348.5	3339.7	3335.2
47.5°	1895.0	2595.0	3170.2	3170.2	3156.8	3201.4	3223.7	3192.4	3152.4	3139.0	3139.0
50°	1890.5	2416.6	2938.4	2920.5	2982.9	3036.5	3014.2	2982.9	2951.7	2902.7	2902.7
52.5°	1716.6	2198.2	2639.6	2706.5	2804.6	2835.8	2800.1	2768.9	2715.4	2693.1	2675.3
55°	1591.7	1970.8	2367.6	2501.4	2603.9	2644.0	2577.2	2545.9	2465.7	2452.3	2443.4
57.5°	1565.0	1640.8	2117.9	2287.4	2412.2	2407.8	2367.6	2309.7	2242.7	2229.4	2224.9
60°	1435.8	1186.1	1850.4	2051.0	2180.4	2166.9	2131.3	2077.8	2015.3	2006.5	1997.5
62.5°	1302.0	860.6	1547.2	1774.6	1957.4	1952.9	1921.7	1841.4	1796.9	1774.6	1756.8
65°	1105.8	722.3	1101.3	1475.9	1738.9	1747.8	1681.0	1623.0	1573.9	1547.2	1542.7
67.5°	842.7	588.5	744.6	1230.6	1529.4	1520.4	1435.8	1409.0	1346.5	1333.2	1306.4
70°	624.2	392.3	517.2	998.8	1324.2	1302.0	1235.1	1203.9	1145.9	1114.7	1096.8
72.5°	517.2	316.5	379.0	775.8	1114.7	1088.0	1030.0	994.3	945.2	918.5	900.7
75°	419.1	334.4	289.8	575.2	905.1	887.3	833.8	798.1	758.0	722.3	726.8
77.5°	307.7	312.1	231.9	423.6	717.8	691.1	659.9	615.3	597.5	561.8	561.8
80°	231.9	245.2	173.9	289.8	517.2	517.2	490.4	459.3	428.1	410.2	410.2
82.5°	156.1	156.1	129.3	182.8	352.3	338.8	321.0	312.1	294.3	285.4	285.4
85°	71.3	89.1	80.3	111.5	191.7	200.6	200.6	191.7	187.3	178.4	182.8
87.5°	22.3	40.1	49.0	62.4	98.1	102.6	107.0	107.0	107.0	111.5	111.5
90°	13.6	24.5	35.5	38.2	60.0	89.1	103.6	92.1	69.1	51.8	51.8
92.5°	54.5	147.3	240.1	263.3	370.2	512.7	583.9	511.7	367.4	259.2	248.9
95°	131.0	300.7	470.5	512.9	910.8	1441.4	1706.6	1522.9	1155.5	880.0	848.7
97.5°	226.4	376.2	526.0	563.4	1226.9	2111.5	2553.8	2437.7	2205.5	2031.3	1971.9
100°	300.1	436.0	571.8	605.8	1342.0	2323.6	2814.4	2822.9	2839.9	2852.6	2781.8
102.5°	362.9	489.7	616.3	648.0	1394.7	2390.3	2888.1	3036.0	3331.9	3553.9	3493.3
105°	469.3	576.6	683.9	710.8	1433.8	2397.8	2879.9	3211.5	3874.9	4372.4	4339.8
107.5°	578.4	678.5	778.5	803.6	1441.1	2291.2	2716.2	3178.8	4104.0	4798.0	4805.9
110°	652.1	742.4	832.8	855.4	1430.1	2196.5	2579.7	3097.0	4131.4	4907.2	4941.1



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	724.4	810.5	896.6	918.1	1430.6	2114.0	2455.6	2985.0	4043.6	4837.6	4889.8
115°	833.5	912.9	992.4	1012.2	1443.8	2019.2	2306.9	2816.9	3836.7	4601.6	4673.9
117.5°	941.4	1013.5	1085.7	1103.7	1470.6	1959.9	2204.6	2664.9	3585.2	4275.5	4355.7
120°	1004.1	1072.0	1139.9	1156.9	1492.5	1940.0	2163.7	2584.2	3425.2	4055.9	4133.8
122.5°	1065.5	1134.0	1202.5	1219.6	1523.9	1929.5	2132.3	2511.0	3268.2	3836.2	3913.1
125°	1159.6	1222.1	1284.5	1300.1	1566.2	1920.8	2098.2	2419.8	3063.2	3545.6	3616.4
127.5°	1236.0	1299.1	1362.2	1377.9	1608.4	1915.8	2069.5	2345.7	2898.0	3312.3	3372.1
130°	1277.0	1344.9	1412.7	1429.7	1639.3	1918.9	2058.6	2304.5	2796.2	3165.0	3220.2
132.5°	1319.2	1387.1	1455.1	1472.0	1664.4	1920.8	2049.1	2269.2	2709.4	3039.5	3089.0
135°	1382.0	1443.8	1505.7	1521.1	1691.7	1919.1	2032.7	2217.1	2585.7	2862.2	2904.8
137.5°	1446.1	1507.3	1568.6	1583.8	1732.5	1930.9	2030.0	2185.8	2497.4	2731.2	2766.0
140°	1499.3	1555.6	1612.0	1626.2	1757.6	1932.8	2020.4	2155.0	2424.2	2626.1	2658.7
142.5°	1540.2	1592.4	1644.5	1657.5	1778.5	1939.8	2020.4	2138.7	2375.2	2552.5	2580.5
145°	1603.0	1648.5	1694.0	1705.3	1805.8	1939.8	2006.8	2103.5	2296.9	2441.9	2463.2
147.5°	1665.7	1710.0	1754.2	1765.3	1845.8	1953.2	2006.8	2082.9	2235.1	2349.2	2366.8
150°	1706.6	1746.7	1786.7	1796.7	1866.7	1960.1	2006.8	2071.1	2199.6	2296.0	2310.2
152.5°	1749.0	1779.3	1809.7	1817.2	1880.4	1964.7	2006.8	2061.7	2171.4	2253.7	2264.5
155°	1811.7	1834.2	1856.6	1862.2	1910.4	1974.7	2006.8	2050.5	2137.8	2203.2	2210.3
157.5°	1858.1	1879.9	1901.8	1907.2	1940.4	1984.7	2006.8	2040.7	2108.6	2159.6	2164.6
160°	1889.5	1906.4	1923.5	1927.7	1954.0	1989.3	2006.8	2035.9	2094.1	2137.8	2140.7
162.5°	1920.8	1933.6	1946.3	1949.5	1968.6	1994.1	2006.8	2031.4	2080.5	2117.3	2120.0
165°	1954.9	1966.4	1977.9	1980.8	1989.5	2001.0	2006.8	2024.4	2059.5	2085.9	2088.8
167.5°	1986.4	1991.8	1997.3	1998.6	2005.9	2015.6	2020.4	2031.9	2055.0	2072.3	2073.5
170°	2006.8	2012.3	2017.7	2019.0	2019.5	2020.1	2020.4	2031.9	2055.0	2072.3	2072.3
172.5°	2017.7	2019.0	2020.2	2020.4	2020.4	2020.4	2020.4	2029.6	2047.8	2061.4	2060.3
175°	2032.7	2032.7	2032.7	2032.7	2028.6	2023.2	2020.4	2026.2	2037.7	2046.4	2046.4
177.5°	2032.7	2032.7	2032.7	2032.7	2029.6	2025.3	2023.2	2027.7	2036.8	2043.6	2042.4
180°	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0
2.5°	4833.3	4819.9	4833.3	4824.4	4828.9	4815.5	4775.3	4762.0	4775.3	4788.8	4788.8
5°	4891.3	4882.4	4891.3	4891.3	4886.9	4877.9	4833.3	4824.4	4833.3	4837.8	4828.9
7.5°	4909.1	4895.7	4909.1	4900.2	4900.2	4891.3	4846.7	4837.8	4842.2	4855.6	4842.2
10°	4909.1	4895.7	4909.1	4904.7	4900.2	4891.3	4846.7	4828.9	4828.9	4842.2	4828.9
12.5°	4886.9	4877.9	4886.9	4877.9	4877.9	4868.9	4824.4	4806.6	4811.0	4815.5	4797.6
15°	4851.1	4837.8	4851.1	4842.2	4846.7	4833.3	4784.3	4766.5	4766.5	4775.3	4744.1
17.5°	4797.6	4779.8	4797.6	4793.2	4788.8	4779.8	4735.2	4717.4	4713.0	4717.4	4695.1
20°	4735.2	4721.8	4735.2	4730.8	4730.8	4713.0	4668.3	4646.0	4646.0	4646.0	4623.7
22.5°	4637.2	4623.7	4637.2	4646.0	4646.0	4641.6	4601.4	4570.2	4561.4	4561.4	4534.6
25°	4525.6	4512.3	4525.6	4525.6	4521.2	4525.6	4512.3	4494.4	4481.1	4467.7	4441.0
27.5°	4418.6	4409.8	4418.6	4409.8	4418.6	4405.3	4400.8	4396.3	4378.5	4365.2	4329.5
30°	4311.7	4302.7	4311.7	4302.7	4293.8	4284.9	4262.6	4253.7	4271.5	4262.6	4204.6
32.5°	4177.9	4168.9	4177.9	4177.9	4168.9	4168.9	4133.3	4119.9	4124.4	4151.1	4097.6
35°	4039.7	4026.3	4039.7	4035.2	4039.7	4026.3	4004.0	3999.5	3981.7	4012.9	3972.7
37.5°	3879.1	3865.8	3879.1	3879.1	3879.1	3888.1	3870.2	3856.9	3830.1	3870.2	3839.1
40°	3714.2	3696.3	3714.2	3709.7	3714.2	3723.1	3714.2	3705.3	3678.5	3709.7	3683.0
42.5°	3526.9	3522.4	3526.9	3531.4	3531.4	3549.2	3562.6	3544.7	3535.8	3513.6	3531.4
45°	3326.2	3317.3	3326.2	3335.2	3339.7	3348.5	3388.7	3388.7	3375.3	3339.7	3366.4
47.5°	3112.3	3090.0	3112.3	3139.0	3139.0	3152.4	3192.4	3223.7	3201.4	3156.8	3170.2
50°	2884.9	2889.3	2884.9	2902.7	2902.7	2951.7	2982.9	3014.2	3036.5	2982.9	2920.5
52.5°	2661.9	2657.5	2661.9	2675.3	2693.1	2715.4	2768.9	2800.1	2835.8	2804.6	2706.5
55°	2439.0	2447.9	2439.0	2443.4	2452.3	2465.7	2545.9	2577.2	2644.0	2603.9	2501.4
57.5°	2216.0	2202.6	2216.0	2224.9	2229.4	2242.7	2309.7	2367.6	2407.8	2412.2	2287.4
60°	1957.4	1939.6	1957.4	1997.5	2006.5	2015.3	2077.8	2131.3	2166.9	2180.4	2051.0
62.5°	1730.0	1698.8	1730.0	1756.8	1774.6	1796.9	1841.4	1921.7	1952.9	1957.4	1774.6
65°	1489.2	1475.9	1489.2	1542.7	1547.2	1573.9	1623.0	1681.0	1747.8	1738.9	1475.9
67.5°	1270.7	1270.7	1270.7	1306.4	1333.2	1346.5	1409.0	1435.8	1520.4	1529.4	1230.6
70°	1070.1	1065.6	1070.1	1096.8	1114.7	1145.9	1203.9	1235.1	1302.0	1324.2	998.8
72.5°	878.4	873.9	878.4	900.7	918.5	945.2	994.3	1030.0	1088.0	1114.7	775.8
75°	709.0	700.0	709.0	726.8	722.3	758.0	798.1	833.8	887.3	905.1	575.2
77.5°	543.9	543.9	543.9	561.8	561.8	597.5	615.3	659.9	691.1	717.8	423.6
80°	405.8	401.3	405.8	410.2	410.2	428.1	459.3	490.4	517.2	517.2	289.8
82.5°	285.4	276.4	285.4	285.4	285.4	294.3	312.1	321.0	338.8	352.3	182.8
85°	178.4	178.4	178.4	182.8	178.4	187.3	191.7	200.6	200.6	191.7	111.5
87.5°	115.9	111.5	115.9	111.5	111.5	107.0	107.0	107.0	102.6	98.1	62.4
90°	51.8	51.8	51.8	51.8	51.8	69.1	92.1	103.6	89.1	60.0	38.2
92.5°	207.6	166.4	207.6	248.9	259.2	367.4	511.7	583.9	512.7	370.2	263.3
95°	723.8	598.9	723.8	848.7	880.0	1155.5	1522.9	1706.6	1441.4	910.8	512.9
97.5°	1734.2	1496.5	1734.2	1971.9	2031.3	2205.5	2437.7	2553.8	2111.5	1226.9	563.4
100°	2498.7	2215.5	2498.7	2781.8	2852.6	2839.9	2822.9	2814.4	2323.6	1342.0	605.8
102.5°	3250.7	3008.2	3250.7	3493.3	3553.9	3331.9	3036.0	2888.1	2390.3	1394.7	648.0
105°	4209.4	4079.1	4209.4	4339.8	4372.4	3874.9	3211.5	2879.9	2397.8	1433.8	710.8
107.5°	4837.4	4868.9	4837.4	4805.9	4798.0	4104.0	3178.8	2716.2	2291.2	1441.1	803.6
110°	5076.9	5212.7	5076.9	4941.1	4907.2	4131.4	3097.0	2579.7	2196.5	1430.1	855.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5098.3	5306.9	5098.3	4889.8	4837.6	4043.6	2985.0	2455.6	2114.0	1430.6	918.1
115°	4963.1	5252.3	4963.1	4673.9	4601.6	3836.7	2816.9	2306.9	2019.2	1443.8	1012.2
117.5°	4676.4	4997.2	4676.4	4355.7	4275.5	3585.2	2664.9	2204.6	1959.9	1470.6	1103.7
120°	4445.4	4757.1	4445.4	4133.8	4055.9	3425.2	2584.2	2163.7	1940.0	1492.5	1156.9
122.5°	4220.5	4527.9	4220.5	3913.1	3836.2	3268.2	2511.0	2132.3	1929.5	1523.9	1219.6
125°	3899.6	4182.7	3899.6	3616.4	3545.6	3063.2	2419.8	2098.2	1920.8	1566.2	1300.1
127.5°	3611.0	3849.9	3611.0	3372.1	3312.3	2898.0	2345.7	2069.5	1915.8	1608.4	1377.9
130°	3440.9	3661.6	3440.9	3220.2	3165.0	2796.2	2304.5	2058.6	1918.9	1639.3	1429.7
132.5°	3286.6	3484.2	3286.6	3089.0	3039.5	2709.4	2269.2	2049.1	1920.8	1664.4	1472.0
135°	3075.1	3245.5	3075.1	2904.8	2862.2	2585.7	2217.1	2032.7	1919.1	1691.7	1521.1
137.5°	2905.5	3045.0	2905.5	2766.0	2731.2	2497.4	2185.8	2030.0	1930.9	1732.5	1583.8
140°	2789.1	2919.5	2789.1	2658.7	2626.1	2424.2	2155.0	2020.4	1932.8	1757.6	1626.2
142.5°	2692.7	2804.9	2692.7	2580.5	2552.5	2375.2	2138.7	2020.4	1939.8	1778.5	1657.5
145°	2548.0	2633.0	2548.0	2463.2	2441.9	2296.9	2103.5	2006.8	1939.8	1805.8	1705.3
147.5°	2437.1	2507.5	2437.1	2366.8	2349.2	2235.1	2082.9	2006.8	1953.2	1845.8	1765.3
150°	2367.3	2424.3	2367.3	2310.2	2296.0	2199.6	2071.1	2006.8	1960.1	1866.7	1796.7
152.5°	2307.6	2350.6	2307.6	2264.5	2253.7	2171.4	2061.7	2006.8	1964.7	1880.4	1817.2
155°	2238.9	2267.3	2238.9	2210.3	2203.2	2137.8	2050.5	2006.8	1974.7	1910.4	1862.2
157.5°	2184.6	2204.6	2184.6	2164.6	2159.6	2108.6	2040.7	2006.8	1984.7	1940.4	1907.2
160°	2152.2	2163.7	2152.2	2140.7	2137.8	2094.1	2035.9	2006.8	1989.3	1954.0	1927.7
162.5°	2130.9	2141.8	2130.9	2120.0	2117.3	2080.5	2031.4	2006.8	1994.1	1968.6	1949.5
165°	2100.3	2111.9	2100.3	2088.8	2085.9	2059.5	2024.4	2006.8	2001.0	1989.5	1980.8
167.5°	2078.3	2083.2	2078.3	2073.5	2072.3	2055.0	2031.9	2020.4	2015.6	2005.9	1998.6
170°	2072.3	2072.3	2072.3	2072.3	2072.3	2055.0	2031.9	2020.4	2020.1	2019.5	2019.0
172.5°	2056.0	2051.8	2056.0	2060.3	2061.4	2047.8	2029.6	2020.4	2020.4	2020.4	2020.4
175°	2046.4	2046.4	2046.4	2046.4	2046.4	2037.7	2026.2	2020.4	2023.2	2028.6	2032.7
177.5°	2037.6	2032.7	2037.6	2042.4	2043.6	2036.8	2027.7	2023.2	2025.3	2029.6	2032.7
180°	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0
2.5°	4779.8	4753.1	4753.1	4708.5	4690.7	4677.3	4655.0	4588.1	4570.2	4552.4	4579.2
5°	4819.9	4770.9	4735.2	4655.0	4588.1	4561.4	4476.6	4316.1	4209.1	4128.8	4084.3
7.5°	4828.9	4766.5	4699.5	4574.7	4414.2	4342.8	4084.3	3790.0	3709.7	3638.4	3593.7
10°	4819.9	4748.6	4655.0	4467.7	4088.7	3963.9	3705.3	3513.6	3464.5	3451.1	3464.5
12.5°	4788.8	4721.8	4592.5	4280.4	3749.8	3665.2	3513.6	3402.0	3393.1	3415.4	3535.8
15°	4735.2	4672.8	4521.2	4030.7	3562.6	3500.1	3393.1	3353.0	3402.0	3558.1	3919.2
17.5°	4681.7	4610.4	4423.1	3785.5	3419.9	3375.3	3299.5	3379.8	3656.2	3865.8	3986.2
20°	4610.4	4525.6	4311.7	3607.2	3317.3	3277.2	3241.5	3602.7	3812.3	3888.1	3954.9
22.5°	4525.6	4436.5	4160.1	3482.3	3210.4	3179.1	3201.4	3727.5	3812.3	3865.8	3923.7
25°	4414.2	4338.4	3981.7	3384.2	3125.6	3090.0	3174.6	3714.2	3763.2	3776.6	3892.5
27.5°	4311.7	4213.6	3794.4	3295.0	3023.0	3009.7	3196.9	3656.2	3691.9	3705.3	3830.1
30°	4186.8	4039.7	3584.9	3201.4	2916.0	2911.6	3201.4	3584.9	3575.9	3611.6	3736.5
32.5°	4057.5	3781.1	3348.5	3085.5	2813.5	2809.1	3170.2	3477.8	3468.9	3517.9	3611.6
35°	3937.1	3580.4	3027.5	2951.7	2684.2	2688.7	3094.4	3353.0	3357.5	3402.0	3460.0
37.5°	3812.3	3406.5	2675.3	2804.6	2559.4	2559.4	2991.8	3237.1	3228.2	3241.5	3321.8
40°	3665.2	3134.5	2363.2	2612.9	2443.4	2430.0	2867.0	3112.3	3081.0	3076.6	3188.1
42.5°	3509.1	2835.8	2131.3	2358.7	2309.7	2291.8	2715.4	2960.7	2902.7	2916.0	3058.7
45°	3339.7	2755.5	1952.9	1993.0	2171.4	2158.1	2550.4	2786.8	2746.6	2782.3	2929.4
47.5°	3170.2	2595.0	1895.0	1654.2	2024.3	2019.8	2367.6	2617.3	2595.0	2630.7	2786.8
50°	2938.4	2416.6	1890.5	1417.9	1859.3	1877.1	2149.1	2452.3	2452.3	2483.6	2648.5
52.5°	2639.6	2198.2	1716.6	1284.2	1667.5	1721.1	1957.4	2309.7	2318.5	2349.8	2496.9
55°	2367.6	1970.8	1591.7	1181.6	1440.2	1556.1	1770.1	2162.5	2180.4	2211.6	2345.3
57.5°	2117.9	1640.8	1565.0	1061.2	1230.6	1342.1	1605.2	2019.8	2028.8	2055.5	2184.8
60°	1850.4	1186.1	1435.8	931.9	1047.8	1132.6	1453.6	1850.4	1881.6	1899.4	2010.9
62.5°	1547.2	860.6	1302.0	842.7	958.7	976.5	1328.7	1689.9	1730.0	1743.3	1810.3
65°	1101.3	722.3	1105.8	766.9	865.0	869.4	1194.9	1524.9	1560.6	1582.9	1631.9
67.5°	744.6	588.5	842.7	695.5	793.6	798.1	1065.6	1333.2	1382.2	1400.1	1431.3
70°	517.2	392.3	624.2	619.7	713.4	722.3	927.4	1159.3	1203.9	1217.2	1235.1
72.5°	379.0	316.5	517.2	557.4	628.7	637.6	784.8	963.1	1007.7	1021.0	1030.0
75°	289.8	334.4	419.1	486.0	535.1	539.5	642.0	784.8	815.9	824.9	829.3
77.5°	231.9	312.1	307.7	392.3	437.0	428.1	503.9	606.4	633.2	633.2	633.2
80°	173.9	245.2	231.9	280.9	321.0	312.1	361.2	432.5	441.4	450.3	445.9
82.5°	129.3	156.1	156.1	178.4	214.0	205.1	240.7	280.9	280.9	280.9	289.8
85°	80.3	89.1	71.3	93.6	120.4	115.9	133.8	151.6	156.1	156.1	147.1
87.5°	49.0	40.1	22.3	35.7	53.5	53.5	62.4	66.8	62.4	62.4	62.4
90°	35.5	24.5	13.6	24.5	35.5	38.2	60.0	89.1	103.6	92.1	69.1
92.5°	240.1	147.3	54.5	147.3	240.1	263.3	370.2	512.7	583.9	511.7	367.4
95°	470.5	300.7	131.0	300.7	470.5	512.9	910.8	1441.4	1706.6	1522.9	1155.5
97.5°	526.0	376.2	226.4	376.2	526.0	563.4	1226.9	2111.5	2553.8	2437.7	2205.5
100°	571.8	436.0	300.1	436.0	571.8	605.8	1342.0	2323.6	2814.4	2822.9	2839.9
102.5°	616.3	489.7	362.9	489.7	616.3	648.0	1394.7	2390.3	2888.1	3036.0	3331.9
105°	683.9	576.6	469.3	576.6	683.9	710.8	1433.8	2397.8	2879.9	3211.5	3874.9
107.5°	778.5	678.5	578.4	678.5	778.5	803.6	1441.1	2291.2	2716.2	3178.8	4104.0
110°	832.8	742.4	652.1	742.4	832.8	855.4	1430.1	2196.5	2579.7	3097.0	4131.4



TEST NUMBER: P935753

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	896.6	810.5	724.4	810.5	896.6	918.1	1430.6	2114.0	2455.6	2985.0	4043.6
115°	992.4	912.9	833.5	912.9	992.4	1012.2	1443.8	2019.2	2306.9	2816.9	3836.7
117.5°	1085.7	1013.5	941.4	1013.5	1085.7	1103.7	1470.6	1959.9	2204.6	2664.9	3585.2
120°	1139.9	1072.0	1004.1	1072.0	1139.9	1156.9	1492.5	1940.0	2163.7	2584.2	3425.2
122.5°	1202.5	1134.0	1065.5	1134.0	1202.5	1219.6	1523.9	1929.5	2132.3	2511.0	3268.2
125°	1284.5	1222.1	1159.6	1222.1	1284.5	1300.1	1566.2	1920.8	2098.2	2419.8	3063.2
127.5°	1362.2	1299.1	1236.0	1299.1	1362.2	1377.9	1608.4	1915.8	2069.5	2345.7	2898.0
130°	1412.7	1344.9	1277.0	1344.9	1412.7	1429.7	1639.3	1918.9	2058.6	2304.5	2796.2
132.5°	1455.1	1387.1	1319.2	1387.1	1455.1	1472.0	1664.4	1920.8	2049.1	2269.2	2709.4
135°	1505.7	1443.8	1382.0	1443.8	1505.7	1521.1	1691.7	1919.1	2032.7	2217.1	2585.7
137.5°	1568.6	1507.3	1446.1	1507.3	1568.6	1583.8	1732.5	1930.9	2030.0	2185.8	2497.4
140°	1612.0	1555.6	1499.3	1555.6	1612.0	1626.2	1757.6	1932.8	2020.4	2155.0	2424.2
142.5°	1644.5	1592.4	1540.2	1592.4	1644.5	1657.5	1778.5	1939.8	2020.4	2138.7	2375.2
145°	1694.0	1648.5	1603.0	1648.5	1694.0	1705.3	1805.8	1939.8	2006.8	2103.5	2296.9
147.5°	1754.2	1710.0	1665.7	1710.0	1754.2	1765.3	1845.8	1953.2	2006.8	2082.9	2235.1
150°	1786.7	1746.7	1706.6	1746.7	1786.7	1796.7	1866.7	1960.1	2006.8	2071.1	2199.6
152.5°	1809.7	1779.3	1749.0	1779.3	1809.7	1817.2	1880.4	1964.7	2006.8	2061.7	2171.4
155°	1856.6	1834.2	1811.7	1834.2	1856.6	1862.2	1910.4	1974.7	2006.8	2050.5	2137.8
157.5°	1901.8	1879.9	1858.1	1879.9	1901.8	1907.2	1940.4	1984.7	2006.8	2040.7	2108.6
160°	1923.5	1906.4	1889.5	1906.4	1923.5	1927.7	1954.0	1989.3	2006.8	2035.9	2094.1
162.5°	1946.3	1933.6	1920.8	1933.6	1946.3	1949.5	1968.6	1994.1	2006.8	2031.4	2080.5
165°	1977.9	1966.4	1954.9	1966.4	1977.9	1980.8	1989.5	2001.0	2006.8	2024.4	2059.5
167.5°	1997.3	1991.8	1986.4	1991.8	1997.3	1998.6	2005.9	2015.6	2020.4	2031.9	2055.0
170°	2017.7	2012.3	2006.8	2012.3	2017.7	2019.0	2019.5	2020.1	2020.4	2031.9	2055.0
172.5°	2020.2	2019.0	2017.7	2019.0	2020.2	2020.4	2020.4	2020.4	2020.4	2029.6	2047.8
175°	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2028.6	2023.2	2020.4	2026.2	2037.7
177.5°	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2029.6	2025.3	2023.2	2027.7	2036.8
180°	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7



TEST NUMBER: P935753
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0	4713.0
2.5°	4547.9	4534.6	4552.4	4503.4	4552.4	4534.6	4547.9	4579.2	4552.4	4570.2	4588.1
5°	3990.6	3968.3	3896.9	3839.1	3896.9	3968.3	3990.6	4084.3	4128.8	4209.1	4316.1
7.5°	3567.0	3549.2	3531.4	3495.7	3531.4	3549.2	3567.0	3593.7	3638.4	3709.7	3790.0
10°	3473.4	3477.8	3504.6	3500.1	3504.6	3477.8	3473.4	3464.5	3451.1	3464.5	3513.6
12.5°	3714.2	3754.3	3901.4	3892.5	3901.4	3754.3	3714.2	3535.8	3415.4	3393.1	3402.0
15°	3990.6	4004.0	4035.2	4039.7	4035.2	4004.0	3990.6	3919.2	3558.1	3402.0	3353.0
17.5°	4017.3	4021.8	4044.1	4044.1	4044.1	4021.8	4017.3	3986.2	3865.8	3656.2	3379.8
20°	3995.0	4004.0	4048.6	4057.5	4048.6	4004.0	3995.0	3954.9	3888.1	3812.3	3602.7
22.5°	3986.2	4004.0	4039.7	4035.2	4039.7	4004.0	3986.2	3923.7	3865.8	3812.3	3727.5
25°	3941.6	3941.6	3946.0	3950.5	3946.0	3941.6	3941.6	3892.5	3776.6	3763.2	3714.2
27.5°	3847.9	3856.9	3883.6	3879.1	3883.6	3856.9	3847.9	3830.1	3705.3	3691.9	3656.2
30°	3763.2	3754.3	3732.0	3714.2	3732.0	3754.3	3763.2	3736.5	3611.6	3575.9	3584.9
32.5°	3620.5	3598.2	3575.9	3562.6	3575.9	3598.2	3620.5	3611.6	3517.9	3468.9	3477.8
35°	3451.1	3455.6	3451.1	3437.8	3451.1	3455.6	3451.1	3460.0	3402.0	3357.5	3353.0
37.5°	3330.7	3339.7	3335.2	3317.3	3335.2	3339.7	3330.7	3321.8	3241.5	3228.2	3237.1
40°	3205.9	3210.4	3205.9	3192.4	3205.9	3210.4	3205.9	3188.1	3076.6	3081.0	3112.3
42.5°	3085.5	3081.0	3067.6	3058.7	3067.6	3081.0	3085.5	3058.7	2916.0	2902.7	2960.7
45°	2947.2	2951.7	2924.9	2911.6	2924.9	2951.7	2947.2	2929.4	2782.3	2746.6	2786.8
47.5°	2809.1	2809.1	2786.8	2773.3	2786.8	2809.1	2809.1	2786.8	2630.7	2595.0	2617.3
50°	2661.9	2657.5	2626.2	2621.7	2626.2	2657.5	2661.9	2648.5	2483.6	2452.3	2452.3
52.5°	2492.4	2492.4	2496.9	2505.8	2496.9	2492.4	2492.4	2496.9	2349.8	2318.5	2309.7
55°	2345.3	2349.8	2381.0	2389.9	2381.0	2349.8	2345.3	2345.3	2211.6	2180.4	2162.5
57.5°	2193.7	2193.7	2216.0	2216.0	2216.0	2193.7	2193.7	2184.8	2055.5	2028.8	2019.8
60°	2019.8	2028.8	2046.6	2042.1	2046.6	2028.8	2019.8	2010.9	1899.4	1881.6	1850.4
62.5°	1837.1	1845.9	1850.4	1841.4	1850.4	1845.9	1837.1	1810.3	1743.3	1730.0	1689.9
65°	1645.3	1654.2	1658.7	1649.7	1658.7	1654.2	1645.3	1631.9	1582.9	1560.6	1524.9
67.5°	1449.1	1444.6	1440.2	1458.0	1440.2	1444.6	1449.1	1431.3	1400.1	1382.2	1333.2
70°	1248.4	1248.4	1244.0	1252.9	1244.0	1248.4	1248.4	1235.1	1217.2	1203.9	1159.3
72.5°	1034.5	1030.0	1047.8	1034.5	1047.8	1030.0	1034.5	1030.0	1021.0	1007.7	963.1
75°	824.9	833.8	824.9	838.3	824.9	833.8	824.9	829.3	824.9	815.9	784.8
77.5°	628.7	637.6	628.7	628.7	628.7	637.6	628.7	633.2	633.2	633.2	606.4
80°	445.9	441.4	441.4	437.0	441.4	441.4	445.9	445.9	450.3	441.4	432.5
82.5°	285.4	280.9	280.9	289.8	280.9	280.9	285.4	289.8	280.9	280.9	280.9
85°	156.1	160.6	151.6	151.6	151.6	160.6	156.1	147.1	156.1	156.1	151.6
87.5°	58.0	53.5	53.5	53.5	53.5	53.5	58.0	62.4	62.4	62.4	66.8
90°	51.8	51.8	51.8	51.8	51.8	51.8	51.8	69.1	92.1	103.6	89.1
92.5°	259.2	248.9	207.6	166.4	207.6	248.9	259.2	367.4	511.7	583.9	512.7
95°	880.0	848.7	723.8	598.9	723.8	848.7	880.0	1155.5	1522.9	1706.6	1441.4
97.5°	2031.3	1971.9	1734.2	1496.5	1734.2	1971.9	2031.3	2205.5	2437.7	2553.8	2111.5
100°	2852.6	2781.8	2498.7	2215.5	2498.7	2781.8	2852.6	2839.9	2822.9	2814.4	2323.6
102.5°	3553.9	3493.3	3250.7	3008.2	3250.7	3493.3	3553.9	3331.9	3036.0	2888.1	2390.3
105°	4372.4	4339.8	4209.4	4079.1	4209.4	4339.8	4372.4	3874.9	3211.5	2879.9	2397.8
107.5°	4798.0	4805.9	4837.4	4868.9	4837.4	4805.9	4798.0	4104.0	3178.8	2716.2	2291.2
110°	4907.2	4941.1	5076.9	5212.7	5076.9	4941.1	4907.2	4131.4	3097.0	2579.7	2196.5



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4837.6	4889.8	5098.3	5306.9	5098.3	4889.8	4837.6	4043.6	2985.0	2455.6	2114.0
115°	4601.6	4673.9	4963.1	5252.3	4963.1	4673.9	4601.6	3836.7	2816.9	2306.9	2019.2
117.5°	4275.5	4355.7	4676.4	4997.2	4676.4	4355.7	4275.5	3585.2	2664.9	2204.6	1959.9
120°	4055.9	4133.8	4445.4	4757.1	4445.4	4133.8	4055.9	3425.2	2584.2	2163.7	1940.0
122.5°	3836.2	3913.1	4220.5	4527.9	4220.5	3913.1	3836.2	3268.2	2511.0	2132.3	1929.5
125°	3545.6	3616.4	3899.6	4182.7	3899.6	3616.4	3545.6	3063.2	2419.8	2098.2	1920.8
127.5°	3312.3	3372.1	3611.0	3849.9	3611.0	3372.1	3312.3	2898.0	2345.7	2069.5	1915.8
130°	3165.0	3220.2	3440.9	3661.6	3440.9	3220.2	3165.0	2796.2	2304.5	2058.6	1918.9
132.5°	3039.5	3089.0	3286.6	3484.2	3286.6	3089.0	3039.5	2709.4	2269.2	2049.1	1920.8
135°	2862.2	2904.8	3075.1	3245.5	3075.1	2904.8	2862.2	2585.7	2217.1	2032.7	1919.1
137.5°	2731.2	2766.0	2905.5	3045.0	2905.5	2766.0	2731.2	2497.4	2185.8	2030.0	1930.9
140°	2626.1	2658.7	2789.1	2919.5	2789.1	2658.7	2626.1	2424.2	2155.0	2020.4	1932.8
142.5°	2552.5	2580.5	2692.7	2804.9	2692.7	2580.5	2552.5	2375.2	2138.7	2020.4	1939.8
145°	2441.9	2463.2	2548.0	2633.0	2548.0	2463.2	2441.9	2296.9	2103.5	2006.8	1939.8
147.5°	2349.2	2366.8	2437.1	2507.5	2437.1	2366.8	2349.2	2235.1	2082.9	2006.8	1953.2
150°	2296.0	2310.2	2367.3	2424.3	2367.3	2310.2	2296.0	2199.6	2071.1	2006.8	1960.1
152.5°	2253.7	2264.5	2307.6	2350.6	2307.6	2264.5	2253.7	2171.4	2061.7	2006.8	1964.7
155°	2203.2	2210.3	2238.9	2267.3	2238.9	2210.3	2203.2	2137.8	2050.5	2006.8	1974.7
157.5°	2159.6	2164.6	2184.6	2204.6	2184.6	2164.6	2159.6	2108.6	2040.7	2006.8	1984.7
160°	2137.8	2140.7	2152.2	2163.7	2152.2	2140.7	2137.8	2094.1	2035.9	2006.8	1989.3
162.5°	2117.3	2120.0	2130.9	2141.8	2130.9	2120.0	2117.3	2080.5	2031.4	2006.8	1994.1
165°	2085.9	2088.8	2100.3	2111.9	2100.3	2088.8	2085.9	2059.5	2024.4	2006.8	2001.0
167.5°	2072.3	2073.5	2078.3	2083.2	2078.3	2073.5	2072.3	2055.0	2031.9	2020.4	2015.6
170°	2072.3	2072.3	2072.3	2072.3	2072.3	2072.3	2072.3	2055.0	2031.9	2020.4	2020.1
172.5°	2061.4	2060.3	2056.0	2051.8	2056.0	2060.3	2061.4	2047.8	2029.6	2020.4	2020.4
175°	2046.4	2046.4	2046.4	2046.4	2046.4	2046.4	2046.4	2037.7	2026.2	2020.4	2023.2
177.5°	2043.6	2042.4	2037.6	2032.7	2037.6	2042.4	2043.6	2036.8	2027.7	2023.2	2025.3
180°	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7	2032.7



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4713.0	4713.0	4713.0	4713.0	4713.0
2.5°	4655.0	4677.3	4690.7	4708.5	4753.1
5°	4476.6	4561.4	4588.1	4655.0	4735.2
7.5°	4084.3	4342.8	4414.2	4574.7	4699.5
10°	3705.3	3963.9	4088.7	4467.7	4655.0
12.5°	3513.6	3665.2	3749.8	4280.4	4592.5
15°	3393.1	3500.1	3562.6	4030.7	4521.2
17.5°	3299.5	3375.3	3419.9	3785.5	4423.1
20°	3241.5	3277.2	3317.3	3607.2	4311.7
22.5°	3201.4	3179.1	3210.4	3482.3	4160.1
25°	3174.6	3090.0	3125.6	3384.2	3981.7
27.5°	3196.9	3009.7	3023.0	3295.0	3794.4
30°	3201.4	2911.6	2916.0	3201.4	3584.9
32.5°	3170.2	2809.1	2813.5	3085.5	3348.5
35°	3094.4	2688.7	2684.2	2951.7	3027.5
37.5°	2991.8	2559.4	2559.4	2804.6	2675.3
40°	2867.0	2430.0	2443.4	2612.9	2363.2
42.5°	2715.4	2291.8	2309.7	2358.7	2131.3
45°	2550.4	2158.1	2171.4	1993.0	1952.9
47.5°	2367.6	2019.8	2024.3	1654.2	1895.0
50°	2149.1	1877.1	1859.3	1417.9	1890.5
52.5°	1957.4	1721.1	1667.5	1284.2	1716.6
55°	1770.1	1556.1	1440.2	1181.6	1591.7
57.5°	1605.2	1342.1	1230.6	1061.2	1565.0
60°	1453.6	1132.6	1047.8	931.9	1435.8
62.5°	1328.7	976.5	958.7	842.7	1302.0
65°	1194.9	869.4	865.0	766.9	1105.8
67.5°	1065.6	798.1	793.6	695.5	842.7
70°	927.4	722.3	713.4	619.7	624.2
72.5°	784.8	637.6	628.7	557.4	517.2
75°	642.0	539.5	535.1	486.0	419.1
77.5°	503.9	428.1	437.0	392.3	307.7
80°	361.2	312.1	321.0	280.9	231.9
82.5°	240.7	205.1	214.0	178.4	156.1
85°	133.8	115.9	120.4	93.6	71.3
87.5°	62.4	53.5	53.5	35.7	22.3
90°	60.0	38.2	35.5	24.5	13.6
92.5°	370.2	263.3	240.1	147.3	54.5
95°	910.8	512.9	470.5	300.7	131.0
97.5°	1226.9	563.4	526.0	376.2	226.4
100°	1342.0	605.8	571.8	436.0	300.1
102.5°	1394.7	648.0	616.3	489.7	362.9
105°	1433.8	710.8	683.9	576.6	469.3
107.5°	1441.1	803.6	778.5	678.5	578.4
110°	1430.1	855.4	832.8	742.4	652.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1430.6	918.1	896.6	810.5	724.4
115°	1443.8	1012.2	992.4	912.9	833.5
117.5°	1470.6	1103.7	1085.7	1013.5	941.4
120°	1492.5	1156.9	1139.9	1072.0	1004.1
122.5°	1523.9	1219.6	1202.5	1134.0	1065.5
125°	1566.2	1300.1	1284.5	1222.1	1159.6
127.5°	1608.4	1377.9	1362.2	1299.1	1236.0
130°	1639.3	1429.7	1412.7	1344.9	1277.0
132.5°	1664.4	1472.0	1455.1	1387.1	1319.2
135°	1691.7	1521.1	1505.7	1443.8	1382.0
137.5°	1732.5	1583.8	1568.6	1507.3	1446.1
140°	1757.6	1626.2	1612.0	1555.6	1499.3
142.5°	1778.5	1657.5	1644.5	1592.4	1540.2
145°	1805.8	1705.3	1694.0	1648.5	1603.0
147.5°	1845.8	1765.3	1754.2	1710.0	1665.7
150°	1866.7	1796.7	1786.7	1746.7	1706.6
152.5°	1880.4	1817.2	1809.7	1779.3	1749.0
155°	1910.4	1862.2	1856.6	1834.2	1811.7
157.5°	1940.4	1907.2	1901.8	1879.9	1858.1
160°	1954.0	1927.7	1923.5	1906.4	1889.5
162.5°	1968.6	1949.5	1946.3	1933.6	1920.8
165°	1989.5	1980.8	1977.9	1966.4	1954.9
167.5°	2005.9	1998.6	1997.3	1991.8	1986.4
170°	2019.5	2019.0	2017.7	2012.3	2006.8
172.5°	2020.4	2020.4	2020.2	2019.0	2017.7
175°	2028.6	2032.7	2032.7	2032.7	2032.7
177.5°	2029.6	2032.7	2032.7	2032.7	2032.7
180°	2032.7	2032.7	2032.7	2032.7	2032.7



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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	13.95	14.79	14.92	15.78	17.08	16.80	17.64	17.77	18.63	19.93
	3H	14.42	15.18	15.41	16.17	17.49	18.15	18.90	19.13	19.90	21.22
	4H	14.61	15.33	15.61	16.33	17.66	18.60	19.31	19.59	20.31	21.64
	6H	14.73	15.39	15.74	16.39	17.73	18.89	19.55	19.89	20.55	21.89
	8H	14.73	15.36	15.74	16.38	17.72	18.96	19.59	19.98	20.61	21.95
	12H	14.70	15.30	15.72	16.31	17.67	19.00	19.60	20.02	20.62	21.98
4H	2H	14.98	15.70	15.98	16.70	18.02	17.20	17.92	18.21	18.92	20.25
	3H	16.01	16.60	17.02	17.63	18.97	18.71	19.31	19.73	20.34	21.68
	4H	16.28	16.83	17.30	17.85	19.21	19.25	19.79	20.27	20.81	22.18
	6H	16.41	16.88	17.44	17.92	19.28	19.62	20.09	20.65	21.13	22.49
	8H	16.41	16.85	17.44	17.89	19.26	19.73	20.16	20.76	21.20	22.58
	12H	16.38	16.77	17.43	17.83	19.21	19.78	20.18	20.84	21.23	22.61
8H	4H	16.74	17.18	17.77	18.21	19.59	19.37	19.81	20.40	20.84	22.22
	6H	17.00	17.36	18.06	18.44	19.81	19.81	20.17	20.87	21.25	22.62
	8H	17.04	17.36	18.11	18.42	19.82	19.97	20.28	21.03	21.35	22.74
	12H	17.02	17.31	18.09	18.36	19.80	20.07	20.35	21.13	21.41	22.84
12H	4H	16.74	17.14	17.80	18.19	19.57	19.33	19.73	20.38	20.78	22.16
	6H	17.06	17.38	18.12	18.44	19.84	19.81	20.13	20.87	21.19	22.58
	8H	17.13	17.41	18.19	18.47	19.90	19.97	20.25	21.04	21.31	22.74