

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P952106

Luminaire Tested: **GLAN-SB6A-760-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P952106
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6A-760-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 5700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28676 lumens
Efficiency: N/A
Efficacy: 167.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

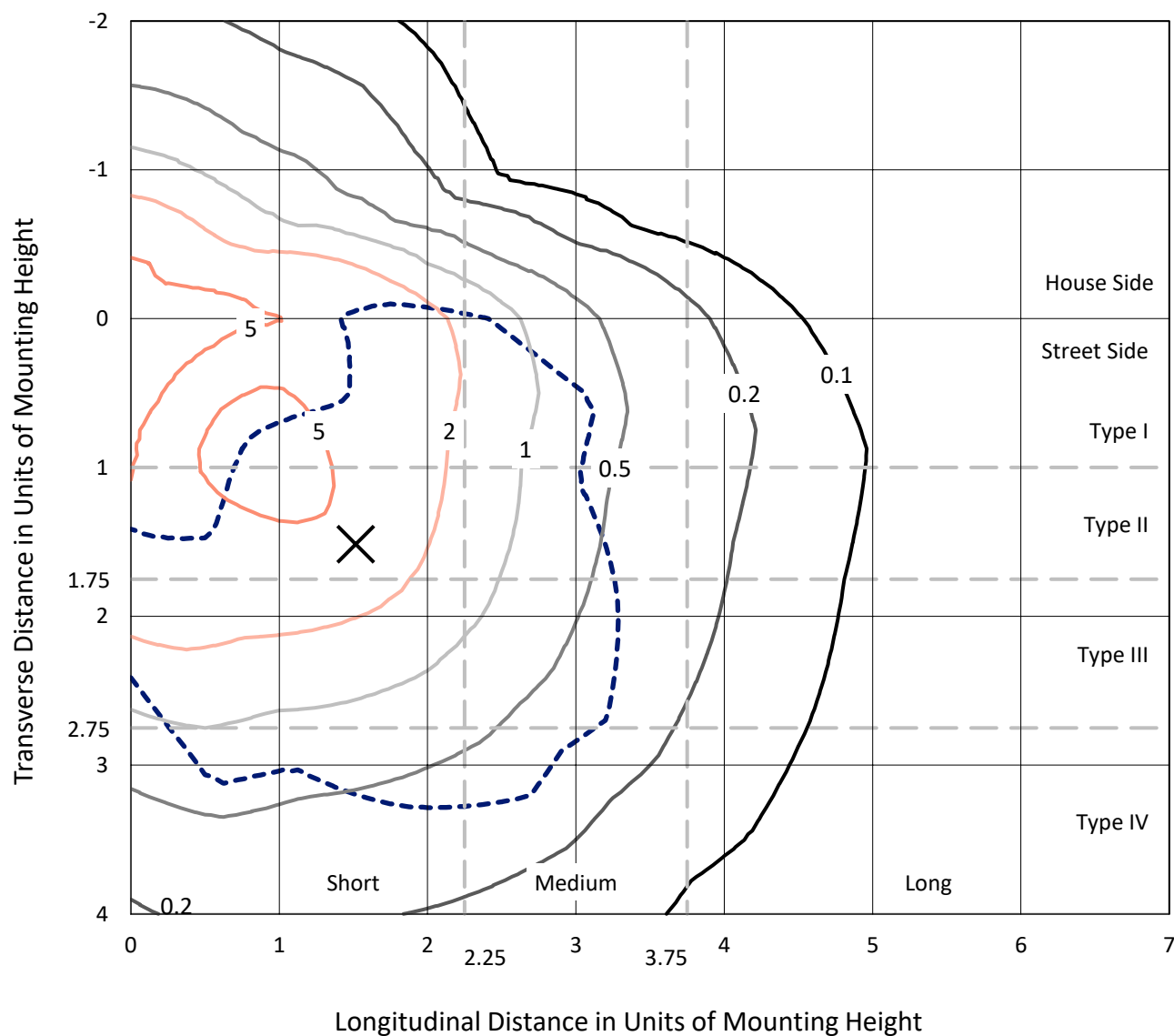
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

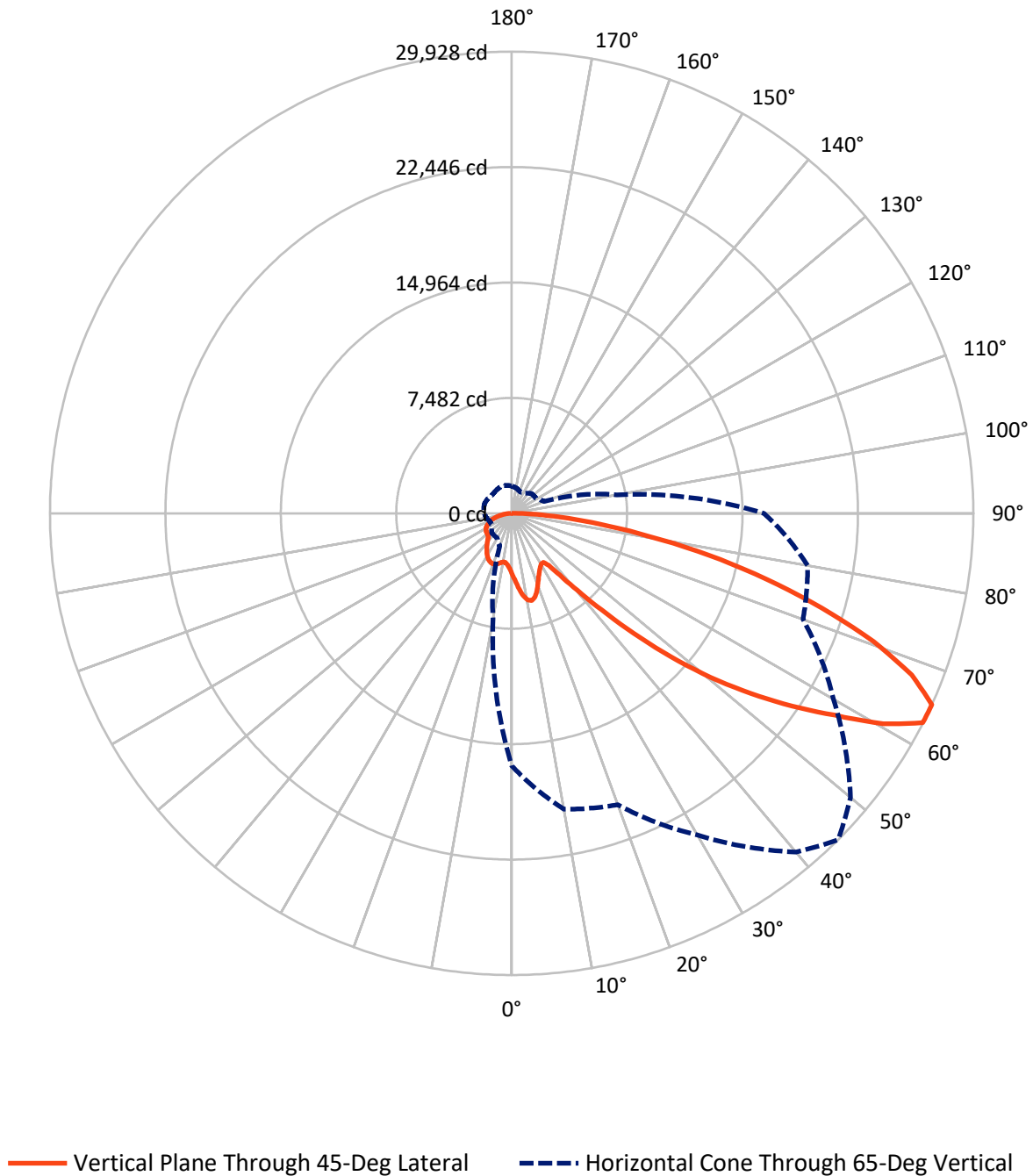
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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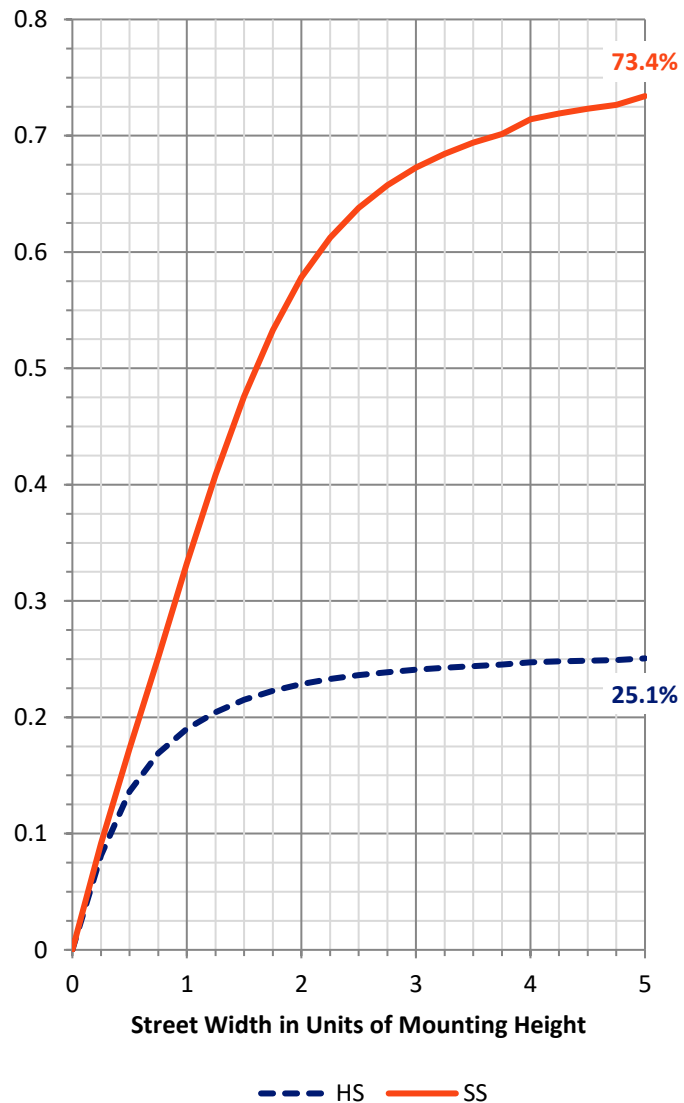
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7288.0	0.0	7288.0
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	21388.0	0.0	21388.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	28676.0	0.0	28676.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	391.2	1.4
10°-20°	1227.9	4.3
20°-30°	1896.7	6.6
30°-40°	2403.6	8.4
40°-50°	3625.3	12.6
50°-60°	5857.2	20.4
60°-70°	7302.0	25.5
70°-80°	4788.3	16.7
80°-90°	1183.8	4.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	28676.0	100.0
0°-180°	28676.0	100.0

Coefficient of Utilization



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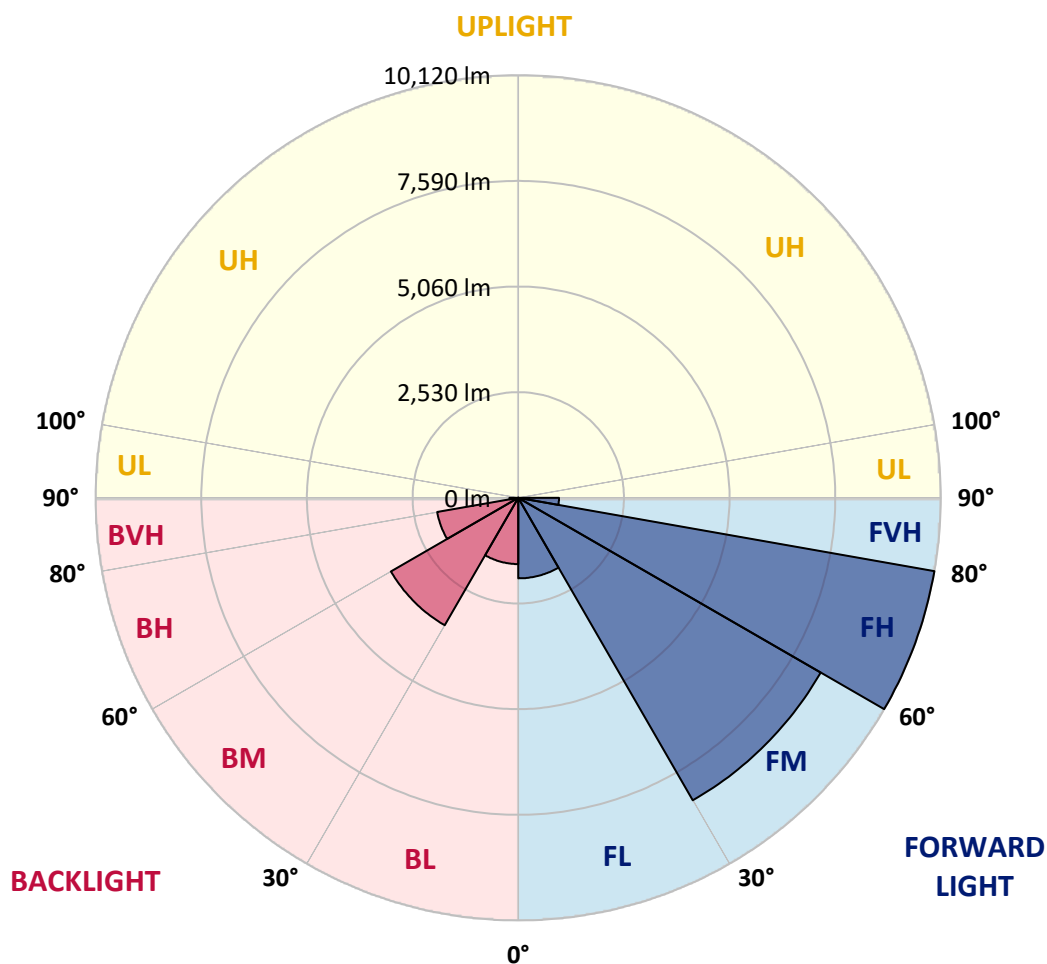
CATALOG NUMBER: GLAN-SB6A-760-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1928.8	6.7			
FM	(30°-60°)	8364.2	29.2			
FH	(60°-80°)	10119.9	35.3			G4/12000
FVH	(80°-90°)	975.2	3.4			G5
BL	(0°-30°)	1587.1	5.5	B3/2500		
BM	(30°-60°)	3522.0	12.3	B3/5000		
BH	(60°-80°)	1970.3	6.9	B3/2500		G3/2500
BVH	(80°-90°)	208.6	0.7			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2
2.5°	4240.5	4256.6	4272.8	4295.6	4318.5	4332.1	4345.7	4352.5	4359.3	4356.3
5°	4559.8	4615.9	4672.2	4727.9	4783.7	4814.0	4844.3	4862.6	4881.0	4895.0
7.5°	4880.6	4972.0	5063.2	5145.4	5227.5	5277.0	5326.5	5353.3	5379.9	5392.8
10°	5126.5	5234.5	5342.5	5438.9	5535.3	5593.7	5651.8	5677.8	5703.7	5713.6
12.5°	5277.0	5394.1	5511.1	5598.3	5685.1	5727.5	5769.8	5784.1	5798.3	5799.8
15°	5368.6	5469.6	5570.6	5625.2	5680.0	5681.5	5683.0	5667.9	5652.7	5634.9
17.5°	5420.0	5488.2	5556.5	5557.5	5558.5	5497.2	5435.9	5379.8	5323.5	5283.8
20°	5476.7	5500.5	5524.4	5452.5	5380.7	5245.4	5110.1	5011.6	4913.1	4852.6
22.5°	5542.6	5511.4	5480.2	5331.3	5182.4	4983.5	4784.5	4661.3	4538.2	4471.3
25°	5627.3	5528.9	5430.6	5204.5	4978.5	4736.8	4495.2	4365.7	4236.4	4173.2
27.5°	5742.3	5566.5	5390.5	5091.1	4791.8	4523.9	4256.1	4128.7	4001.5	3941.7
30°	5897.4	5635.2	5373.1	5004.5	4635.9	4356.9	4077.9	3959.7	3841.5	3785.8
32.5°	6080.5	5721.4	5362.5	4945.5	4528.5	4266.2	4004.0	3911.3	3818.4	3778.3
35°	6302.9	5863.5	5424.2	4989.7	4555.3	4373.1	4191.0	4169.4	4147.8	4144.4
37.5°	6677.4	6160.5	5643.6	5248.7	4853.8	4842.0	4830.2	4929.1	5028.1	5079.6
40°	7243.3	6681.2	6119.1	5825.4	5531.7	5739.0	5946.3	6186.9	6427.4	6547.3
42.5°	7993.8	7436.1	6878.4	6709.2	6540.0	6992.1	7444.3	7881.9	8319.4	8576.4
45°	8920.6	8419.6	7918.5	7843.9	7769.1	8493.5	9217.9	9937.0	10656.2	11092.7
47.5°	10079.7	9592.3	9104.8	9089.6	9074.5	10119.5	11164.1	12216.8	13269.3	13887.4
50°	11598.8	10996.8	10394.8	10397.4	10400.0	11746.7	13093.4	14482.9	15872.4	16712.4
52.5°	13342.7	12613.7	11884.8	11811.1	11737.3	13345.9	14954.5	16673.7	18392.8	19399.7
55°	15199.3	14479.1	13758.8	13471.5	13184.1	14974.5	16764.6	18814.2	20863.7	22061.3
57.5°	16888.0	16495.8	16103.4	15527.1	14950.9	16758.6	18566.3	20887.7	23209.0	24694.2
60°	17908.6	18517.7	19127.1	18411.4	17695.7	19406.4	21117.1	23602.6	26088.0	27693.2
62.5°	17390.3	19054.9	20719.5	20638.8	20558.0	22125.2	23692.5	26057.2	28421.7	29905.4
65°	16353.1	17915.4	19477.7	19786.8	20095.8	22087.4	24079.1	26372.1	28664.9	29928.0
67.5°	14963.3	16449.2	17935.0	18080.0	18224.8	20299.9	22374.8	24677.7	26980.5	27970.1
70°	13293.5	14909.7	16526.0	16590.8	16655.7	18511.4	20366.9	22348.7	24330.3	24880.3
72.5°	11303.8	13158.4	15013.2	15059.8	15106.3	16558.1	18009.9	19494.2	20978.2	21033.9
75°	8786.7	10706.2	12625.8	12798.1	12970.5	14100.0	15229.6	16274.4	17319.2	17039.3
77.5°	6277.9	8069.8	9861.8	10108.4	10355.1	11213.8	12072.4	12813.4	13554.6	13073.4
80°	4108.9	5616.4	7123.8	7430.3	7736.9	8385.4	9033.6	9422.8	9811.8	9037.9
82.5°	2388.5	3419.1	4449.8	4792.2	5134.8	5581.2	6027.5	6189.9	6352.1	5743.8
85°	1050.9	1597.9	2144.9	2436.1	2727.4	3094.2	3460.8	3553.0	3645.1	3157.9
87.5°	325.3	509.2	693.0	855.5	1018.0	1201.4	1384.8	1392.7	1400.4	1175.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
3943.2	0°	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2
4359.3	2.5°	4352.5	4345.7	4332.1	4318.5	4295.6	4272.8	4256.6	4240.5	4208.0	4175.5
4881.0	5°	4862.6	4844.3	4814.0	4783.7	4727.9	4672.2	4615.9	4559.8	4487.9	4416.0
5379.9	7.5°	5353.3	5326.5	5277.0	5227.5	5145.4	5063.2	4972.0	4880.6	4761.9	4643.5
5703.7	10°	5677.8	5651.8	5593.7	5535.3	5438.9	5342.5	5234.5	5126.5	4976.5	4826.6
5798.3	12.5°	5784.1	5769.8	5727.5	5685.1	5598.3	5511.1	5394.1	5277.0	5112.2	4947.6
5652.7	15°	5667.9	5683.0	5681.5	5680.0	5625.2	5570.6	5469.6	5368.6	5196.8	5025.1
5323.5	17.5°	5379.8	5435.9	5497.2	5558.5	5557.5	5556.5	5488.2	5420.0	5245.8	5071.7
4913.1	20°	5011.6	5110.1	5245.4	5380.7	5452.5	5524.4	5500.5	5476.7	5295.8	5114.7
4538.2	22.5°	4661.3	4784.5	4983.5	5182.4	5331.3	5480.2	5511.4	5542.6	5357.7	5172.6
4236.4	25°	4365.7	4495.2	4736.8	4978.5	5204.5	5430.6	5528.9	5627.3	5446.0	5264.9
4001.5	27.5°	4128.7	4256.1	4523.9	4791.8	5091.1	5390.5	5566.5	5742.3	5569.5	5396.6
3841.5	30°	3959.7	4077.9	4356.9	4635.9	5004.5	5373.1	5635.2	5897.4	5730.3	5563.4
3818.4	32.5°	3911.3	4004.0	4266.2	4528.5	4945.5	5362.5	5721.4	6080.5	5915.1	5749.9
4147.8	35°	4169.4	4191.0	4373.1	4555.3	4989.7	5424.2	5863.5	6302.9	6144.6	5986.2
5028.1	37.5°	4929.1	4830.2	4842.0	4853.8	5248.7	5643.6	6160.5	6677.4	6475.6	6273.7
6427.4	40°	6186.9	5946.3	5739.0	5531.7	5825.4	6119.1	6681.2	7243.3	6949.2	6655.0
8319.4	42.5°	7881.9	7444.3	6992.1	6540.0	6709.2	6878.4	7436.1	7993.8	7569.2	7144.7
10656.2	45°	9937.0	9217.9	8493.5	7769.1	7843.9	7918.5	8419.6	8920.6	8347.9	7775.2
13269.3	47.5°	12216.8	11164.1	10119.5	9074.5	9089.6	9104.8	9592.3	10079.7	9273.6	8467.4
15872.4	50°	14482.9	13093.4	11746.7	10400.0	10397.4	10394.8	10996.8	11598.8	10383.7	9168.3
18392.8	52.5°	16673.7	14954.5	13345.9	11737.3	11811.1	11884.8	12613.7	13342.7	11549.7	9756.6
20863.7	55°	18814.2	16764.6	14974.5	13184.1	13471.5	13758.8	14479.1	15199.3	12583.4	9967.7
23209.0	57.5°	20887.7	18566.3	16758.6	14950.9	15527.1	16103.4	16495.8	16888.0	13316.1	9744.2
26088.0	60°	23602.6	21117.1	19406.4	17695.7	18411.4	19127.1	18517.7	17908.6	13499.2	9089.6
28421.7	62.5°	26057.2	23692.5	22125.2	20558.0	20638.8	20719.5	19054.9	17390.3	12728.2	8066.2
28664.9	65°	26372.1	24079.1	22087.4	20095.8	19786.8	19477.7	17915.4	16353.1	11637.4	6921.8
26980.5	67.5°	24677.7	22374.8	20299.9	18224.8	18080.0	17935.0	16449.2	14963.3	10339.3	5715.4
24330.3	70°	22348.7	20366.9	18511.4	16655.7	16590.8	16526.0	14909.7	13293.5	8922.9	4552.2
20978.2	72.5°	19494.2	18009.9	16558.1	15106.3	15059.8	15013.2	13158.4	11303.8	7387.4	3471.1
17319.2	75°	16274.4	15229.6	14100.0	12970.5	12798.1	12625.8	10706.2	8786.7	5627.2	2467.6
13554.6	77.5°	12813.4	12072.4	11213.8	10355.1	10108.4	9861.8	8069.8	6277.9	3938.5	1599.1
9811.8	80°	9422.8	9033.6	8385.4	7736.9	7430.3	7123.8	5616.4	4108.9	2537.5	966.1
6352.1	82.5°	6189.9	6027.5	5581.2	5134.8	4792.2	4449.8	3419.1	2388.5	1468.6	549.0
3645.1	85°	3553.0	3460.8	3094.2	2727.4	2436.1	2144.9	1597.9	1050.9	660.6	270.5
1400.4	87.5°	1392.7	1384.8	1201.4	1018.0	855.5	693.0	509.2	325.3	216.4	107.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
3943.2	0°	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2
4140.8	2.5°	4106.3	4071.5	4036.7	4003.4	3970.1	3937.9	3902.0	3873.0	3844.1	3817.9
4344.3	5°	4272.8	4200.6	4128.6	4061.2	3993.9	3930.3	3867.5	3812.8	3757.8	3711.8
4533.9	7.5°	4424.4	4317.7	4211.0	4117.1	4023.1	3936.4	3855.1	3782.2	3709.4	3648.9
4681.8	10°	4537.1	4407.6	4277.9	4166.8	4055.5	3948.5	3861.2	3784.3	3707.5	3646.9
4783.6	12.5°	4619.6	4466.7	4313.9	4188.2	4062.4	3950.0	3868.8	3805.8	3743.2	3702.9
4847.1	15°	4669.2	4493.2	4317.2	4171.7	4026.1	3901.6	3836.5	3806.4	3776.5	3781.9
4877.6	17.5°	4683.4	4479.1	4274.9	4099.8	3924.7	3778.3	3738.2	3749.2	3760.1	3826.1
4901.3	20°	4688.0	4440.4	4192.9	3975.9	3758.9	3588.4	3577.8	3629.2	3680.7	3795.2
4933.4	22.5°	4694.0	4392.9	4091.8	3830.5	3569.2	3375.0	3395.7	3471.9	3548.0	3678.7
4991.5	25°	4717.9	4346.0	3974.2	3668.1	3362.2	3163.2	3219.2	3306.9	3394.7	3512.3
5082.3	27.5°	4767.8	4314.7	3861.5	3519.7	3177.9	2996.7	3064.8	3149.6	3234.3	3331.0
5199.8	30°	4836.2	4300.0	3763.4	3395.6	3027.8	2875.7	2929.1	2996.3	3063.8	3144.0
5322.6	32.5°	4895.3	4281.8	3668.1	3288.6	2909.0	2786.4	2810.2	2850.0	2889.8	2953.8
5462.4	35°	4938.5	4247.6	3557.0	3183.5	2809.9	2707.7	2697.9	2708.8	2719.8	2768.7
5619.0	37.5°	4964.3	4189.1	3413.9	3059.7	2705.5	2616.2	2580.2	2568.1	2556.0	2591.1
5817.8	40°	4980.4	4108.4	3236.6	2912.0	2587.4	2506.5	2451.3	2423.9	2396.5	2421.8
6077.9	42.5°	5011.2	4025.2	3039.6	2749.0	2458.5	2383.9	2314.3	2278.0	2241.7	2262.3
6420.2	45°	5065.2	3947.9	2830.7	2575.9	2321.1	2245.5	2178.1	2142.7	2107.5	2124.7
6784.8	47.5°	5102.2	3884.0	2665.8	2439.0	2212.2	2114.6	2056.6	2027.0	1997.3	2013.7
7123.2	50°	5078.0	3814.4	2550.8	2348.1	2145.3	2017.0	1949.7	1923.3	1897.2	1922.6
7342.9	52.5°	4929.0	3696.9	2464.9	2288.1	2111.6	1964.0	1869.9	1843.9	1818.0	1856.3
7294.5	55°	4621.1	3502.0	2382.9	2244.7	2106.6	1969.3	1827.5	1786.4	1745.4	1799.7
6953.7	57.5°	4163.4	3227.2	2290.9	2193.3	2095.7	1974.6	1802.1	1742.2	1682.3	1740.7
6319.6	60°	3549.5	2870.4	2191.3	2114.6	2037.9	1958.0	1778.2	1700.6	1622.8	1674.1
5462.1	62.5°	2858.0	2443.4	2028.8	1977.8	1927.0	1917.1	1750.4	1653.2	1556.2	1588.8
4587.2	65°	2252.7	2059.2	1865.7	1841.6	1817.6	1818.8	1691.7	1588.5	1485.1	1497.7
3730.1	67.5°	1744.9	1690.0	1634.9	1648.4	1661.7	1658.4	1587.0	1501.0	1415.1	1411.1
2937.0	70°	1321.7	1337.4	1353.0	1415.4	1477.6	1477.6	1454.1	1393.0	1331.9	1318.2
2245.3	72.5°	1019.5	1066.9	1114.4	1202.8	1291.0	1305.8	1306.1	1264.2	1222.3	1202.3
1629.6	75°	791.7	834.6	877.6	976.6	1075.5	1143.9	1138.2	1105.9	1073.6	1054.5
1104.3	77.5°	609.5	638.7	668.0	764.1	860.2	972.9	969.9	944.0	918.2	898.8
711.5	80°	457.0	469.1	481.2	562.6	643.8	778.5	778.0	756.4	734.6	718.4
437.6	82.5°	326.5	328.7	331.1	391.0	450.9	565.9	572.3	561.7	551.1	539.6
233.9	85°	197.5	196.4	195.2	239.1	283.0	368.4	376.8	365.4	354.1	341.2
97.0	87.5°	86.6	85.5	84.4	102.3	120.3	155.9	166.4	161.9	157.4	154.9
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
3943.2	0°	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2
3791.9	2.5°	3769.0	3746.2	3723.2	3700.3	3682.6	3664.8	3650.4	3636.0	3624.8	3613.6
3666.0	5°	3625.4	3584.9	3548.1	3511.2	3482.9	3454.5	3434.6	3414.8	3400.7	3386.7
3588.4	7.5°	3537.4	3486.2	3441.1	3396.2	3362.5	3328.9	3305.3	3281.7	3265.5	3249.4
3586.4	10°	3531.5	3476.4	3425.7	3375.0	3334.8	3294.4	3268.0	3241.4	3226.1	3210.8
3663.0	12.5°	3619.7	3576.7	3524.2	3471.9	3420.4	3369.0	3334.9	3300.9	3283.8	3266.8
3787.3	15°	3776.1	3765.0	3719.4	3673.9	3600.6	3527.4	3475.6	3423.9	3400.1	3376.5
3892.1	17.5°	3927.2	3962.1	3925.3	3888.7	3791.7	3694.7	3618.5	3542.2	3507.1	3471.9
3909.9	20°	3983.3	4056.7	4039.7	4022.6	3911.7	3801.0	3707.5	3614.1	3569.2	3524.1
3809.7	22.5°	3905.2	4000.7	4011.0	4021.1	3915.2	3809.3	3713.1	3616.7	3569.3	3521.8
3630.0	25°	3723.9	3817.9	3853.0	3888.0	3801.1	3714.4	3628.8	3543.4	3502.3	3461.3
3427.5	27.5°	3502.9	3578.2	3617.3	3656.5	3594.6	3532.8	3466.4	3400.0	3372.4	3344.8
3224.2	30°	3286.7	3349.3	3381.1	3412.8	3365.8	3318.6	3271.1	3223.3	3209.2	3195.0
3017.9	32.5°	3077.8	3137.9	3173.2	3208.6	3165.3	3121.9	3083.9	3045.9	3036.7	3027.5
2817.4	35°	2876.7	2936.2	2978.6	3020.9	2990.1	2959.4	2924.3	2889.3	2875.2	2861.3
2626.0	37.5°	2685.2	2744.5	2796.9	2849.2	2835.0	2820.8	2788.5	2756.2	2730.6	2705.2
2447.0	40°	2504.2	2561.4	2621.6	2682.0	2685.5	2688.8	2661.4	2634.0	2596.8	2559.9
2283.0	42.5°	2337.2	2391.5	2456.6	2521.6	2539.0	2556.4	2533.3	2510.3	2464.1	2418.0
2142.3	45°	2193.7	2245.2	2312.7	2380.1	2405.1	2430.1	2409.2	2388.5	2335.7	2283.0
2029.9	47.5°	2080.2	2130.5	2197.1	2263.6	2292.4	2321.1	2306.6	2292.1	2245.2	2198.3
1948.1	50°	1995.7	2043.0	2102.6	2162.3	2199.2	2236.1	2235.2	2234.6	2197.1	2159.5
1894.4	52.5°	1938.0	1981.4	2037.0	2092.6	2136.4	2180.1	2188.0	2195.8	2165.3	2134.7
1853.9	55°	1900.8	1947.7	1996.4	2045.0	2091.3	2137.7	2148.6	2159.5	2132.9	2106.3
1799.1	57.5°	1854.2	1909.3	1957.4	2005.6	2052.4	2099.0	2110.0	2121.1	2094.2	2067.2
1725.3	60°	1788.5	1851.8	1900.6	1949.7	1996.6	2043.5	2055.6	2067.7	2041.4	2015.2
1621.3	62.5°	1695.0	1768.8	1821.0	1873.2	1916.2	1959.2	1970.8	1982.5	1958.7	1935.0
1510.1	65°	1589.1	1668.2	1718.2	1768.1	1805.9	1843.7	1855.7	1867.5	1844.6	1821.8
1407.2	67.5°	1480.1	1553.2	1600.6	1647.8	1680.5	1713.2	1724.8	1736.3	1715.3	1694.4
1304.6	70°	1368.8	1432.9	1473.8	1514.6	1544.1	1573.6	1584.8	1596.0	1578.9	1561.8
1182.5	72.5°	1233.0	1283.4	1320.4	1357.3	1386.2	1415.1	1428.4	1441.7	1427.5	1413.3
1035.3	75°	1072.8	1110.3	1143.8	1177.2	1203.5	1229.9	1243.8	1257.7	1250.7	1243.8
879.4	77.5°	910.0	940.4	969.2	997.9	1025.6	1053.1	1066.1	1079.2	1069.5	1059.5
702.1	80°	727.5	752.8	777.0	801.2	822.2	843.1	860.4	877.6	873.4	869.3
528.1	82.5°	526.0	523.8	515.4	506.9	551.7	596.5	625.8	655.2	653.4	651.4
328.3	85°	317.5	306.4	283.0	259.5	301.4	343.5	379.8	416.1	413.1	410.1
152.5	87.5°	152.1	151.6	133.8	115.8	133.3	151.0	165.7	180.4	176.7	172.8
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
3943.2	0°	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2
3603.3	2.5°	3592.9	3580.0	3592.9	3603.3	3613.6	3624.8	3636.0	3650.4	3664.8	3682.6
3375.9	5°	3365.2	3354.6	3365.2	3375.9	3386.7	3400.7	3414.8	3434.6	3454.5	3482.9
3239.7	7.5°	3230.2	3223.0	3230.2	3239.7	3249.4	3265.5	3281.7	3305.3	3328.9	3362.5
3202.7	10°	3194.5	3191.2	3194.5	3202.7	3210.8	3226.1	3241.4	3268.0	3294.4	3334.8
3259.9	12.5°	3252.9	3251.7	3252.9	3259.9	3266.8	3283.8	3300.9	3334.9	3369.0	3420.4
3367.5	15°	3358.4	3357.6	3358.4	3367.5	3376.5	3400.1	3423.9	3475.6	3527.4	3600.6
3460.4	17.5°	3448.7	3446.9	3448.7	3460.4	3471.9	3507.1	3542.2	3618.5	3694.7	3791.7
3509.7	20°	3495.3	3490.8	3495.3	3509.7	3524.1	3569.2	3614.1	3707.5	3801.0	3911.7
3505.9	22.5°	3490.0	3483.2	3490.0	3505.9	3521.8	3569.3	3616.7	3713.1	3809.3	3915.2
3446.3	25°	3431.5	3422.7	3431.5	3446.3	3461.3	3502.3	3543.4	3628.8	3714.4	3801.1
3337.9	27.5°	3331.1	3328.9	3331.1	3337.9	3344.8	3372.4	3400.0	3466.4	3532.8	3594.6
3195.0	30°	3195.0	3197.2	3195.0	3195.0	3195.0	3209.2	3223.3	3271.1	3318.6	3365.8
3028.7	32.5°	3030.0	3032.3	3030.0	3028.7	3027.5	3036.7	3045.9	3083.9	3121.9	3165.3
2858.3	35°	2855.3	2853.7	2855.3	2858.3	2861.3	2875.2	2889.3	2924.3	2959.4	2990.1
2691.7	37.5°	2678.2	2670.7	2678.2	2691.7	2705.2	2730.6	2756.2	2788.5	2820.8	2835.0
2534.8	40°	2510.0	2495.1	2510.0	2534.8	2559.9	2596.8	2634.0	2661.4	2688.8	2685.5
2381.5	42.5°	2345.0	2321.1	2345.0	2381.5	2418.0	2464.1	2510.3	2533.3	2556.4	2539.0
2240.2	45°	2197.4	2169.8	2197.4	2240.2	2283.0	2335.7	2388.5	2409.2	2430.1	2405.1
2158.6	47.5°	2119.1	2092.6	2119.1	2158.6	2198.3	2245.2	2292.1	2306.6	2321.1	2292.4
2122.9	50°	2086.3	2060.9	2086.3	2122.9	2159.5	2197.1	2234.6	2235.2	2236.1	2199.2
2101.9	52.5°	2069.2	2045.7	2069.2	2101.9	2134.7	2165.3	2195.8	2188.0	2180.1	2136.4
2077.5	55°	2048.8	2027.6	2048.8	2077.5	2106.3	2132.9	2159.5	2148.6	2137.7	2091.3
2038.8	57.5°	2010.2	1988.2	2010.2	2038.8	2067.2	2094.2	2121.1	2110.0	2099.0	2052.4
1985.8	60°	1956.5	1933.8	1956.5	1985.8	2015.2	2041.4	2067.7	2055.6	2043.5	1996.6
1904.1	62.5°	1873.2	1846.0	1873.2	1904.1	1935.0	1958.7	1982.5	1970.8	1959.2	1916.2
1791.8	65°	1762.0	1738.6	1762.0	1791.8	1821.8	1844.6	1867.5	1855.7	1843.7	1805.9
1666.6	67.5°	1638.7	1617.5	1638.7	1666.6	1694.4	1715.3	1736.3	1724.8	1713.2	1680.5
1535.2	70°	1508.6	1484.4	1508.6	1535.2	1561.8	1578.9	1596.0	1584.8	1573.6	1544.1
1387.8	72.5°	1362.6	1339.1	1362.6	1387.8	1413.3	1427.5	1441.7	1428.4	1415.1	1386.2
1222.5	75°	1201.1	1178.7	1201.1	1222.5	1243.8	1250.7	1257.7	1243.8	1229.9	1203.5
1038.0	77.5°	1016.5	998.7	1016.5	1038.0	1059.5	1069.5	1079.2	1066.1	1053.1	1025.6
840.4	80°	811.3	777.7	811.3	840.4	869.3	873.4	877.6	860.4	843.1	822.2
627.0	82.5°	602.5	581.0	602.5	627.0	651.4	653.4	655.2	625.8	596.5	551.7
391.0	85°	371.9	352.6	371.9	391.0	410.1	413.1	416.1	379.8	343.5	301.4
163.1	87.5°	153.1	143.7	153.1	163.1	172.8	176.7	180.4	165.7	151.0	133.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
3943.2	0°	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2
3700.3	2.5°	3723.2	3746.2	3769.0	3791.9	3817.9	3844.1	3873.0	3902.0	3937.9	3970.1
3511.2	5°	3548.1	3584.9	3625.4	3666.0	3711.8	3757.8	3812.8	3867.5	3930.3	3993.9
3396.2	7.5°	3441.1	3486.2	3537.4	3588.4	3648.9	3709.4	3782.2	3855.1	3936.4	4023.1
3375.0	10°	3425.7	3476.4	3531.5	3586.4	3646.9	3707.5	3784.3	3861.2	3948.5	4055.5
3471.9	12.5°	3524.2	3576.7	3619.7	3663.0	3702.9	3743.2	3805.8	3868.8	3950.0	4062.4
3673.9	15°	3719.4	3765.0	3776.1	3787.3	3781.9	3776.5	3806.4	3836.5	3901.6	4026.1
3888.7	17.5°	3925.3	3962.1	3927.2	3892.1	3826.1	3760.1	3749.2	3738.2	3778.3	3924.7
4022.6	20°	4039.7	4056.7	3983.3	3909.9	3795.2	3680.7	3629.2	3577.8	3588.4	3758.9
4021.1	22.5°	4011.0	4000.7	3905.2	3809.7	3678.7	3548.0	3471.9	3395.7	3375.0	3569.2
3888.0	25°	3853.0	3817.9	3723.9	3630.0	3512.3	3394.7	3306.9	3219.2	3163.2	3362.2
3656.5	27.5°	3617.3	3578.2	3502.9	3427.5	3331.0	3234.3	3149.6	3064.8	2996.7	3177.9
3412.8	30°	3381.1	3349.3	3286.7	3224.2	3144.0	3063.8	2996.3	2929.1	2875.7	3027.8
3208.6	32.5°	3173.2	3137.9	3077.8	3017.9	2953.8	2889.8	2850.0	2810.2	2786.4	2909.0
3020.9	35°	2978.6	2936.2	2876.7	2817.4	2768.7	2719.8	2708.8	2697.9	2707.7	2809.9
2849.2	37.5°	2796.9	2744.5	2685.2	2626.0	2591.1	2556.0	2568.1	2580.2	2616.2	2705.5
2682.0	40°	2621.6	2561.4	2504.2	2447.0	2421.8	2396.5	2423.9	2451.3	2506.5	2587.4
2521.6	42.5°	2456.6	2391.5	2337.2	2283.0	2262.3	2241.7	2278.0	2314.3	2383.9	2458.5
2380.1	45°	2312.7	2245.2	2193.7	2142.3	2124.7	2107.5	2142.7	2178.1	2245.5	2321.1
2263.6	47.5°	2197.1	2130.5	2080.2	2029.9	2013.7	1997.3	2027.0	2056.6	2114.6	2212.2
2162.3	50°	2102.6	2043.0	1995.7	1948.1	1922.6	1897.2	1923.3	1949.7	2017.0	2145.3
2092.6	52.5°	2037.0	1981.4	1938.0	1894.4	1856.3	1818.0	1843.9	1869.9	1964.0	2111.6
2045.0	55°	1996.4	1947.7	1900.8	1853.9	1799.7	1745.4	1786.4	1827.5	1969.3	2106.6
2005.6	57.5°	1957.4	1909.3	1854.2	1799.1	1740.7	1682.3	1742.2	1802.1	1974.6	2095.7
1949.7	60°	1900.6	1851.8	1788.5	1725.3	1674.1	1622.8	1700.6	1778.2	1958.0	2037.9
1873.2	62.5°	1821.0	1768.8	1695.0	1621.3	1588.8	1556.2	1653.2	1750.4	1917.1	1927.0
1768.1	65°	1718.2	1668.2	1589.1	1510.1	1497.7	1485.1	1588.5	1691.7	1818.8	1817.6
1647.8	67.5°	1600.6	1553.2	1480.1	1407.2	1411.1	1415.1	1501.0	1587.0	1658.4	1661.7
1514.6	70°	1473.8	1432.9	1368.8	1304.6	1318.2	1331.9	1393.0	1454.1	1477.6	1477.6
1357.3	72.5°	1320.4	1283.4	1233.0	1182.5	1202.3	1222.3	1264.2	1306.1	1305.8	1291.0
1177.2	75°	1143.8	1110.3	1072.8	1035.3	1054.5	1073.6	1105.9	1138.2	1143.9	1075.5
997.9	77.5°	969.2	940.4	910.0	879.4	898.8	918.2	944.0	969.9	972.9	860.2
801.2	80°	777.0	752.8	727.5	702.1	718.4	734.6	756.4	778.0	778.5	643.8
506.9	82.5°	515.4	523.8	526.0	528.1	539.6	551.1	561.7	572.3	565.9	450.9
259.5	85°	283.0	306.4	317.5	328.3	341.2	354.1	365.4	376.8	368.4	283.0
115.8	87.5°	133.8	151.6	152.1	152.5	154.9	157.4	161.9	166.4	155.9	120.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
3943.2	0°	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2	3943.2
4003.4	2.5°	4036.7	4071.5	4106.3	4140.8	4175.5	4208.0	4240.5
4061.2	5°	4128.6	4200.6	4272.8	4344.3	4416.0	4487.9	4559.8
4117.1	7.5°	4211.0	4317.7	4424.4	4533.9	4643.5	4761.9	4880.6
4166.8	10°	4277.9	4407.6	4537.1	4681.8	4826.6	4976.5	5126.5
4188.2	12.5°	4313.9	4466.7	4619.6	4783.6	4947.6	5112.2	5277.0
4171.7	15°	4317.2	4493.2	4669.2	4847.1	5025.1	5196.8	5368.6
4099.8	17.5°	4274.9	4479.1	4683.4	4877.6	5071.7	5245.8	5420.0
3975.9	20°	4192.9	4440.4	4688.0	4901.3	5114.7	5295.8	5476.7
3830.5	22.5°	4091.8	4392.9	4694.0	4933.4	5172.6	5357.7	5542.6
3668.1	25°	3974.2	4346.0	4717.9	4991.5	5264.9	5446.0	5627.3
3519.7	27.5°	3861.5	4314.7	4767.8	5082.3	5396.6	5569.5	5742.3
3395.6	30°	3763.4	4300.0	4836.2	5199.8	5563.4	5730.3	5897.4
3288.6	32.5°	3668.1	4281.8	4895.3	5322.6	5749.9	5915.1	6080.5
3183.5	35°	3557.0	4247.6	4938.5	5462.4	5986.2	6144.6	6302.9
3059.7	37.5°	3413.9	4189.1	4964.3	5619.0	6273.7	6475.6	6677.4
2912.0	40°	3236.6	4108.4	4980.4	5817.8	6655.0	6949.2	7243.3
2749.0	42.5°	3039.6	4025.2	5011.2	6077.9	7144.7	7569.2	7993.8
2575.9	45°	2830.7	3947.9	5065.2	6420.2	7775.2	8347.9	8920.6
2439.0	47.5°	2665.8	3884.0	5102.2	6784.8	8467.4	9273.6	10079.7
2348.1	50°	2550.8	3814.4	5078.0	7123.2	9168.3	10383.7	11598.8
2288.1	52.5°	2464.9	3696.9	4929.0	7342.9	9756.6	11549.7	13342.7
2244.7	55°	2382.9	3502.0	4621.1	7294.5	9967.7	12583.4	15199.3
2193.3	57.5°	2290.9	3227.2	4163.4	6953.7	9744.2	13316.1	16888.0
2114.6	60°	2191.3	2870.4	3549.5	6319.6	9089.6	13499.2	17908.6
1977.8	62.5°	2028.8	2443.4	2858.0	5462.1	8066.2	12728.2	17390.3
1841.6	65°	1865.7	2059.2	2252.7	4587.2	6921.8	11637.4	16353.1
1648.4	67.5°	1634.9	1690.0	1744.9	3730.1	5715.4	10339.3	14963.3
1415.4	70°	1353.0	1337.4	1321.7	2937.0	4552.2	8922.9	13293.5
1202.8	72.5°	1114.4	1066.9	1019.5	2245.3	3471.1	7387.4	11303.8
976.6	75°	877.6	834.6	791.7	1629.6	2467.6	5627.2	8786.7
764.1	77.5°	668.0	638.7	609.5	1104.3	1599.1	3938.5	6277.9
562.6	80°	481.2	469.1	457.0	711.5	966.1	2537.5	4108.9
391.0	82.5°	331.1	328.7	326.5	437.6	549.0	1468.6	2388.5
239.1	85°	195.2	196.4	197.5	233.9	270.5	660.6	1050.9
102.3	87.5°	84.4	85.5	86.6	97.0	107.4	216.4	325.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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