

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: McGRAW-EDISON

Report Number: P957398

Luminaire Tested: **GALN-SB9D-735-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P957398
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: McGRAW-EDISON
Catalog Number: GALN-SB9D-735-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 92355 lumens
Efficiency: N/A
Efficacy: 140.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B5 - U0 - G5

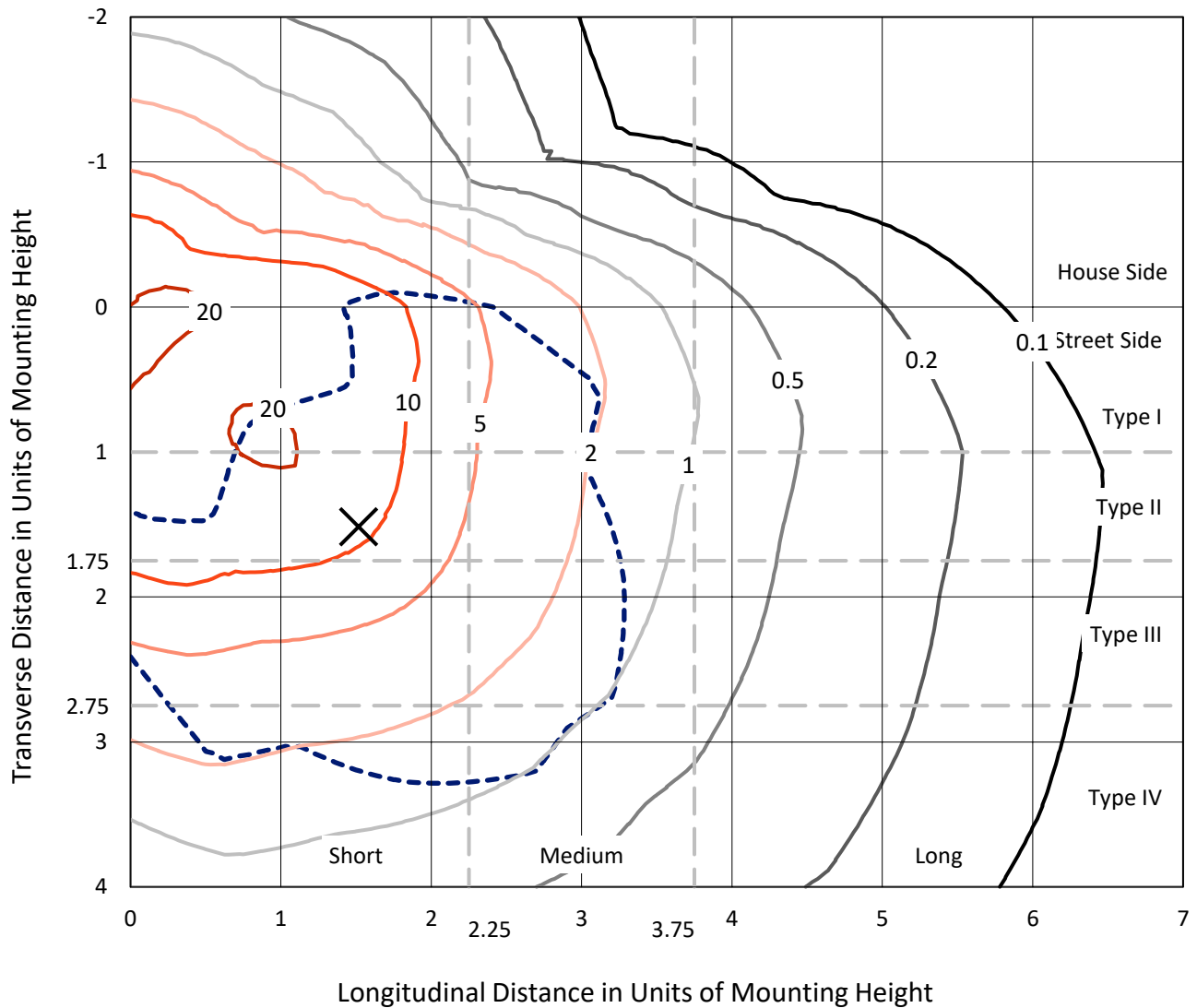
Input Watts (W): 658
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

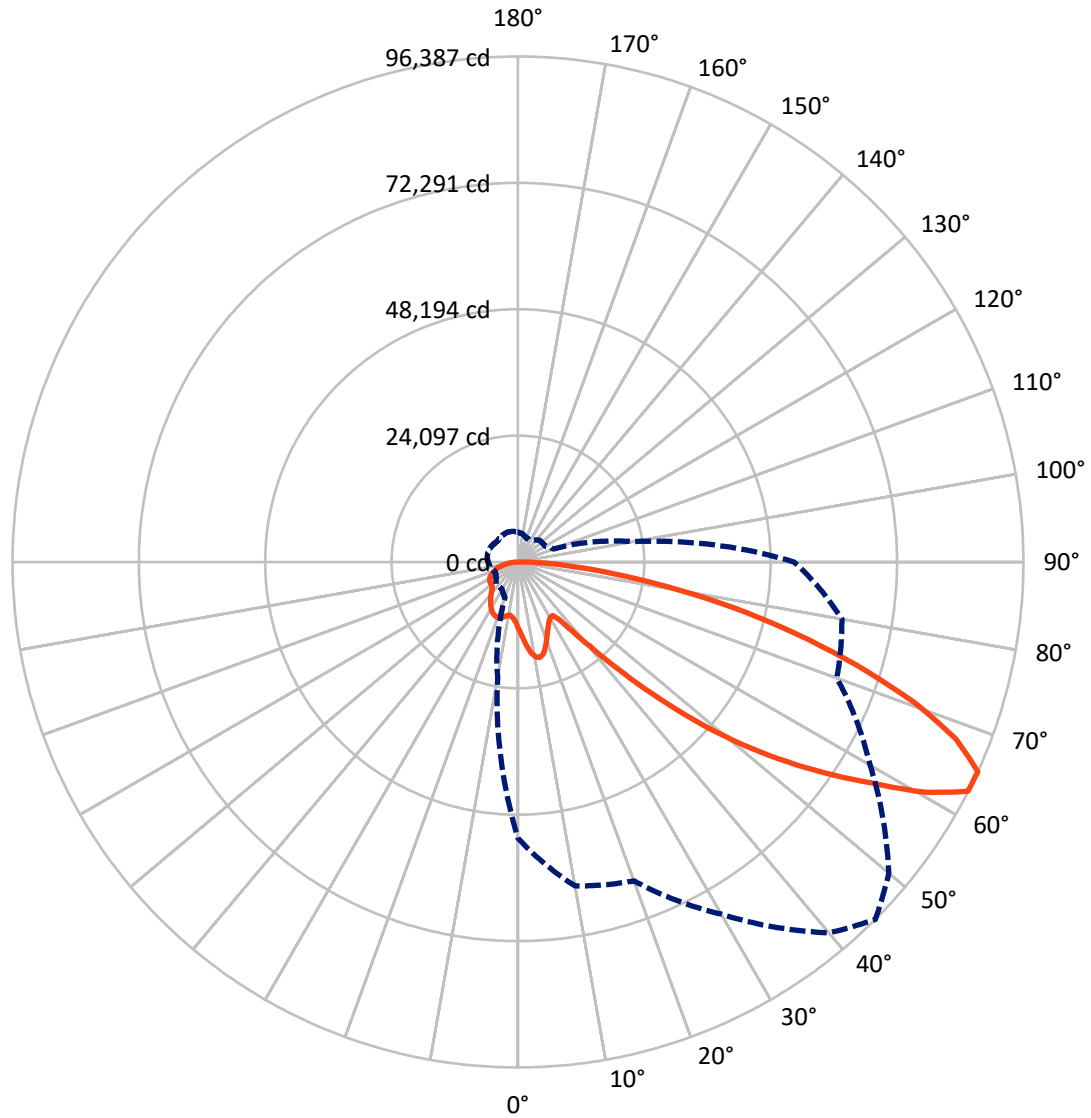
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 28.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	23472.0	0.0	23472.0
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	68883.0	0.0	68883.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	92355.0	0.0	92355.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1259.8	1.4
10°-20°	3954.8	4.3
20°-30°	6108.7	6.6
30°-40°	7741.3	8.4
40°-50°	11675.8	12.6
50°-60°	18864.0	20.4
60°-70°	23516.9	25.5
70°-80°	15421.3	16.7
80°-90°	3812.5	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°	92355.0	100.0
0°-180°	92355.0	100.0



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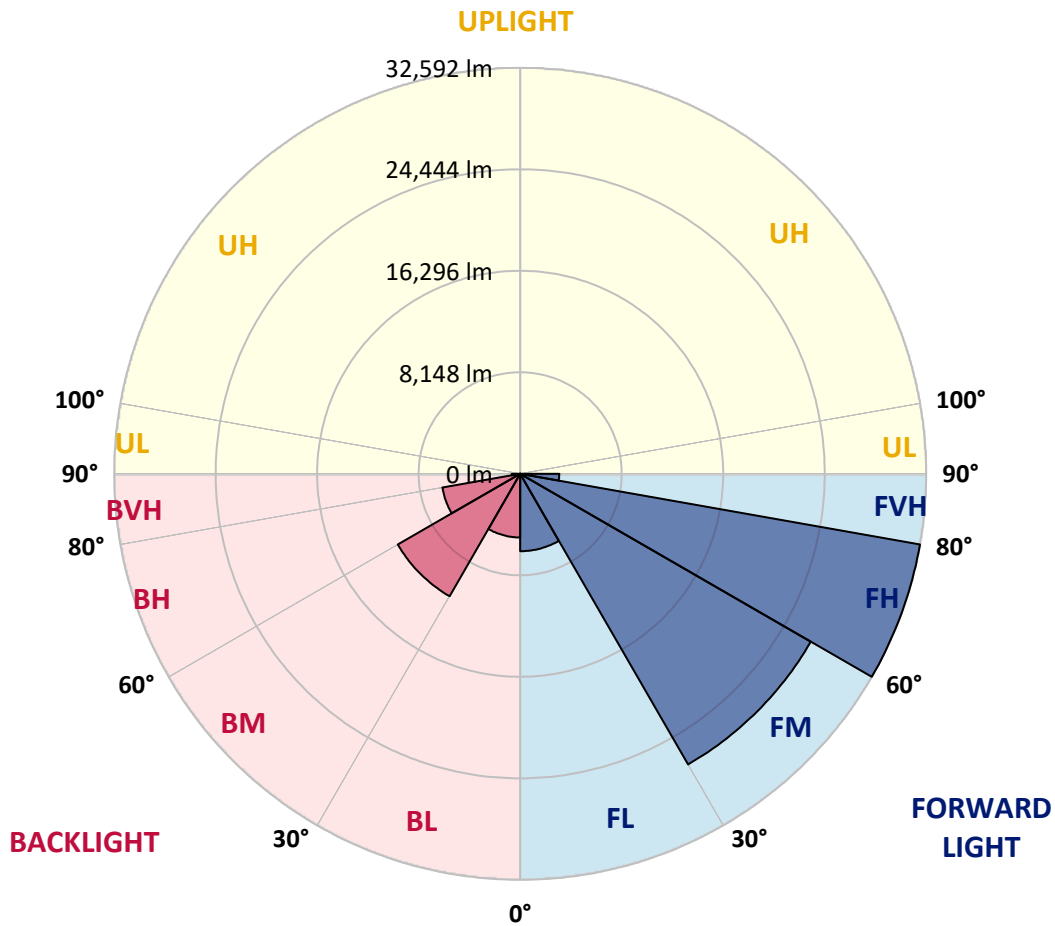
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	6211.9	6.7			
FM (30°-60°)	26937.9	29.2			
FH (60°-80°)	32592.5	35.3			G5
FVH (80°-90°)	3140.7	3.4			G5
BL (0°-30°)	5111.3	5.5	B5		
BM (30°-60°)	11343.1	12.3	B5		
BH (60°-80°)	6345.7	6.9	B5		G5
BVH (80°-90°)	671.8	0.7			G4/750
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6
2.5°	13657.2	13708.9	13761.0	13834.6	13908.2	13952.0	13995.9	14017.8	14039.7	14030.0
5°	14685.4	14866.2	15047.5	15226.9	15406.7	15504.1	15601.6	15660.6	15720.0	15764.9
7.5°	15718.6	16012.9	16306.8	16571.4	16836.0	16995.4	17154.7	17241.0	17326.7	17368.2
10°	16510.5	16858.4	17206.4	17516.8	17827.2	18015.3	18202.4	18286.3	18369.6	18401.3
12.5°	16995.4	17372.5	17749.2	18029.9	18309.7	18446.1	18582.6	18628.4	18674.2	18679.0
15°	17290.2	17615.7	17940.8	18116.7	18293.1	18298.0	18302.8	18254.1	18205.4	18147.9
17.5°	17455.9	17675.7	17895.4	17898.8	17901.8	17704.4	17507.0	17326.2	17145.0	17017.3
20°	17638.6	17715.1	17792.1	17560.6	17329.2	16893.5	16457.8	16140.6	15823.3	15628.4
22.5°	17850.6	17750.2	17649.8	17170.3	16690.8	16049.9	15409.1	15012.4	14615.8	14400.4
25°	18123.5	17806.7	17490.0	16761.9	16033.9	15255.6	14477.4	14060.2	13644.0	13440.3
27.5°	18493.9	17927.6	17360.8	16396.4	15432.5	14569.9	13707.4	13297.1	12887.2	12694.7
30°	18993.4	18148.8	17304.8	16117.7	14930.6	14031.9	13133.3	12752.7	12372.1	12192.8
32.5°	19583.0	18426.6	17270.7	15927.6	14584.6	13740.0	12895.5	12596.8	12297.6	12168.4
35°	20299.4	18884.2	17469.5	16069.9	14670.8	14084.1	13497.8	13428.2	13358.5	13347.7
37.5°	21505.5	19840.8	18176.1	16904.2	15632.3	15594.3	15556.3	15875.0	16193.7	16359.4
40°	23328.1	21517.7	19707.3	18761.4	17815.5	18483.1	19150.8	19925.6	20700.5	21086.4
42.5°	25745.2	23948.9	22152.7	21607.9	21063.0	22519.1	23975.3	25384.6	26793.9	27621.4
45°	28730.1	27116.5	25502.5	25262.3	25021.5	27354.4	29687.6	32003.4	34319.6	35725.6
47.5°	32462.9	30893.3	29323.1	29274.4	29225.7	32591.1	35955.6	39345.9	42735.7	44726.4
50°	37355.7	35416.6	33478.0	33486.3	33494.6	37831.8	42168.9	46644.0	51119.1	53824.7
52.5°	42972.0	40624.1	38276.7	38039.4	37801.6	42982.3	48163.0	53699.9	59236.4	62479.5
55°	48951.5	46631.8	44312.2	43386.8	42461.3	48227.3	53992.8	60593.6	67194.4	71051.5
57.5°	54390.0	53126.9	51863.2	50007.0	48151.3	53973.3	59795.4	67271.9	74747.9	79530.9
60°	57677.0	59638.9	61601.4	59296.4	56991.3	62501.0	68010.6	76015.4	84020.1	89189.6
62.5°	56007.9	61368.9	66730.0	66470.2	66210.0	71257.2	76304.9	83920.7	91536.1	96314.3
65°	52667.3	57698.9	62730.5	63726.1	64721.2	71135.3	77550.0	84934.8	92319.2	96387.4
67.5°	48191.3	52976.8	57762.3	58229.1	58695.5	65378.6	72061.3	79477.8	86894.4	90081.4
70°	42813.7	48018.7	53224.3	53432.9	53642.0	59618.5	65594.5	71977.0	78358.9	80130.3
72.5°	36405.4	42378.5	48352.1	48502.2	48651.8	53327.6	58003.5	62783.6	67563.3	67742.6
75°	28298.8	34480.9	40663.1	41218.2	41773.2	45411.1	49048.9	52413.9	55778.9	54877.3
77.5°	20219.0	25989.8	31761.2	32555.5	33349.9	36115.4	38881.0	41267.4	43654.3	42104.6
80°	13233.2	18088.4	22943.1	23930.4	24917.7	27006.4	29094.1	30347.5	31600.4	29107.7
82.5°	7692.4	11011.5	14331.2	15434.0	16537.3	17974.9	19412.5	19935.4	20457.8	18498.7
85°	3384.5	5146.1	6907.8	7845.9	8784.0	9965.2	11146.0	11442.8	11739.6	10170.4
87.5°	1047.7	1639.8	2231.9	2755.3	3278.7	3869.3	4460.0	4485.3	4510.2	3786.5
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°
12699.6	0°	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6
14039.7	2.5°	14017.8	13995.9	13952.0	13908.2	13834.6	13761.0	13708.9	13657.2	13552.4	13447.6
15720.0	5°	15660.6	15601.6	15504.1	15406.7	15226.9	15047.5	14866.2	14685.4	14454.0	14222.5
17326.7	7.5°	17241.0	17154.7	16995.4	16836.0	16571.4	16306.8	16012.9	15718.6	15336.5	14954.9
18369.6	10°	18286.3	18202.4	18015.3	17827.2	17516.8	17206.4	16858.4	16510.5	16027.5	15544.6
18674.2	12.5°	18628.4	18582.6	18446.1	18309.7	18029.9	17749.2	17372.5	16995.4	16464.7	15934.5
18205.4	15°	18254.1	18302.8	18298.0	18293.1	18116.7	17940.8	17615.7	17290.2	16737.1	16184.0
17145.0	17.5°	17326.2	17507.0	17704.4	17901.8	17898.8	17895.4	17675.7	17455.9	16895.0	16334.1
15823.3	20°	16140.6	16457.8	16893.5	17329.2	17560.6	17792.1	17715.1	17638.6	17055.8	16472.5
14615.8	22.5°	15012.4	15409.1	16049.9	16690.8	17170.3	17649.8	17750.2	17850.6	17255.1	16659.1
13644.0	25°	14060.2	14477.4	15255.6	16033.9	16761.9	17490.0	17806.7	18123.5	17539.7	16956.4
12887.2	27.5°	13297.1	13707.4	14569.9	15432.5	16396.4	17360.8	17927.6	18493.9	17937.3	17380.3
12372.1	30°	12752.7	13133.3	14031.9	14930.6	16117.7	17304.8	18148.8	18993.4	18455.4	17917.9
12297.6	32.5°	12596.8	12895.5	13740.0	14584.6	15927.6	17270.7	18426.6	19583.0	19050.4	18518.2
13358.5	35°	13428.2	13497.8	14084.1	14670.8	16069.9	17469.5	18884.2	20299.4	19789.7	19279.4
16193.7	37.5°	15875.0	15556.3	15594.3	15632.3	16904.2	18176.1	19840.8	21505.5	20855.4	20205.3
20700.5	40°	19925.6	19150.8	18483.1	17815.5	18761.4	19707.3	21517.7	23328.1	22380.7	21433.4
26793.9	42.5°	25384.6	23975.3	22519.1	21063.0	21607.9	22152.7	23948.9	25745.2	24377.8	23010.4
34319.6	45°	32003.4	29687.6	27354.4	25021.5	25262.3	25502.5	27116.5	28730.1	26885.5	25041.0
42735.7	47.5°	39345.9	35955.6	32591.1	29225.7	29274.4	29323.1	30893.3	32462.9	29867.0	27270.5
51119.1	50°	46644.0	42168.9	37831.8	33494.6	33486.3	33478.0	35416.6	37355.7	33442.0	29527.8
59236.4	52.5°	53699.9	48163.0	42982.3	37801.6	38039.4	38276.7	40624.1	42972.0	37197.3	31422.5
67194.4	55°	60593.6	53992.8	48227.3	42461.3	43386.8	44312.2	46631.8	48951.5	40526.7	32102.3
74747.9	57.5°	67271.9	59795.4	53973.3	48151.3	50007.0	51863.2	53126.9	54390.0	42886.3	31382.6
84020.1	60°	76015.4	68010.6	62501.0	56991.3	59296.4	61601.4	59638.9	57677.0	43475.9	29274.4
91536.1	62.5°	83920.7	76304.9	71257.2	66210.0	66470.2	66730.0	61368.9	56007.9	40993.0	25978.2
92319.2	65°	84934.8	77550.0	71135.3	64721.2	63726.1	62730.5	57698.9	52667.3	37479.9	22292.5
86894.4	67.5°	79477.8	72061.3	65378.6	58695.5	58229.1	57762.3	52976.8	48191.3	33299.2	18407.1
78358.9	70°	71977.0	65594.5	59618.5	53642.0	53432.9	53224.3	48018.7	42813.7	28737.4	14661.1
67563.3	72.5°	62783.6	58003.5	53327.6	48651.8	48502.2	48352.1	42378.5	36405.4	23792.0	11179.2
55778.9	75°	52413.9	49048.9	45411.1	41773.2	41218.2	40663.1	34480.9	28298.8	18123.0	7947.2
43654.3	77.5°	41267.4	38881.0	36115.4	33349.9	32555.5	31761.2	25989.8	20219.0	12684.5	5150.0
31600.4	80°	30347.5	29094.1	27006.4	24917.7	23930.4	22943.1	18088.4	13233.2	8172.4	3111.6
20457.8	82.5°	19935.4	19412.5	17974.9	16537.3	15434.0	14331.2	11011.5	7692.4	4729.9	1768.0
11739.6	85°	11442.8	11146.0	9965.2	8784.0	7845.9	6907.8	5146.1	3384.5	2127.6	871.3
4510.2	87.5°	4485.3	4460.0	3869.3	3278.7	2755.3	2231.9	1639.8	1047.7	696.9	346.0
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°
12699.6	0°	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6
13336.1	2.5°	13224.9	13112.9	13000.8	12893.6	12786.4	12682.6	12567.1	12473.5	12380.4	12296.1
13991.5	5°	13761.0	13528.5	13296.6	13079.7	12862.9	12658.2	12455.9	12279.5	12102.6	11954.5
14602.1	7.5°	14249.3	13905.7	13562.2	13259.5	12956.9	12677.7	12416.0	12181.1	11946.7	11751.8
15078.2	10°	14612.3	14195.2	13777.6	13419.9	13061.2	12716.7	12435.5	12187.9	11940.4	11745.4
15406.2	12.5°	14877.9	14385.7	13893.5	13488.6	13083.6	12721.5	12459.8	12257.1	12055.4	11925.7
15610.9	15°	15037.8	14471.0	13904.3	13435.5	12966.7	12565.6	12356.0	12259.1	12162.6	12180.1
15708.8	17.5°	15083.6	14425.7	13767.8	13204.0	12640.2	12168.4	12039.3	12074.9	12109.9	12322.4
15785.3	20°	15098.2	14300.9	13503.7	12804.9	12106.0	11556.8	11522.7	11688.4	11854.1	12223.0
15888.6	22.5°	15117.7	14147.9	13178.2	12336.6	11494.9	10869.7	10936.5	11181.6	11426.7	11847.8
16075.8	25°	15194.7	13996.9	12799.5	11813.7	10828.3	10187.5	10367.8	10650.4	10933.1	11311.7
16368.2	27.5°	15355.5	13896.0	12436.5	11335.6	10234.7	9651.4	9870.7	10143.6	10416.5	10727.9
16746.8	30°	15575.8	13848.7	12120.7	10936.0	9751.3	9261.6	9433.6	9649.9	9867.3	10125.6
17142.0	32.5°	15765.8	13790.2	11813.7	10591.5	9368.8	8974.0	9050.5	9178.7	9306.9	9513.0
17592.3	35°	15905.2	13680.1	11456.0	10252.8	9049.6	8720.6	8688.9	8724.0	8759.6	8917.0
18096.7	37.5°	15988.1	13491.5	10995.0	9854.1	8713.3	8425.8	8309.8	8270.8	8231.8	8344.9
18737.0	40°	16040.2	13231.8	10423.8	9378.5	8333.2	8072.5	7894.6	7806.4	7718.2	7799.6
19574.7	42.5°	16139.1	12963.7	9789.3	8853.7	7918.0	7677.8	7453.6	7336.6	7219.7	7285.9
20677.1	45°	16313.1	12714.7	9116.8	8296.2	7475.5	7231.9	7015.0	6901.0	6787.4	6843.0
21851.5	47.5°	16432.5	12509.1	8585.6	7855.1	7124.6	6810.3	6623.7	6528.2	6432.6	6485.3
22941.2	50°	16354.5	12284.9	8215.3	7562.3	6909.2	6496.0	6279.1	6194.3	6110.0	6191.9
23648.8	52.5°	15874.5	11906.2	7938.5	7369.3	6800.6	6325.4	6022.3	5938.5	5855.2	5978.5
23492.8	55°	14882.8	11278.6	7674.3	7229.4	6784.5	6342.5	5885.9	5753.3	5621.3	5796.2
22395.4	57.5°	13408.7	10393.6	7378.1	7063.7	6749.4	6359.6	5804.0	5611.0	5418.0	5606.2
20353.0	60°	11431.6	9244.5	7057.4	6810.3	6563.3	6305.9	5727.0	5477.0	5226.5	5391.7
17591.3	62.5°	9204.5	7869.3	6534.0	6369.8	6206.0	6174.4	5637.3	5324.5	5012.1	5116.9
14773.6	65°	7255.2	6632.0	6008.7	5931.2	5853.7	5857.6	5448.3	5115.9	4783.1	4823.5
12013.5	67.5°	5619.8	5442.9	5265.5	5308.9	5351.8	5341.0	5111.0	4834.2	4557.4	4544.8
9458.9	70°	4256.8	4307.4	4357.6	4558.4	4758.7	4758.7	4683.2	4486.3	4289.4	4245.5
7231.4	72.5°	3283.6	3436.1	3589.1	3873.7	4157.8	4205.6	4206.6	4071.6	3936.6	3872.3
5248.5	75°	2549.7	2688.1	2826.5	3145.2	3463.9	3684.2	3665.6	3561.8	3457.5	3396.1
3556.5	77.5°	1962.9	2057.0	2151.5	2461.0	2770.4	3133.5	3123.7	3040.4	2957.1	2894.7
2291.4	80°	1471.7	1510.7	1549.7	1811.9	2073.6	2507.3	2505.8	2436.1	2365.9	2313.8
1409.3	82.5°	1051.6	1058.5	1066.3	1259.2	1452.2	1822.6	1843.1	1808.9	1774.8	1737.8
753.4	85°	636.0	632.5	628.6	770.0	911.3	1186.6	1213.4	1176.9	1140.3	1098.9
312.4	87.5°	278.7	275.3	271.9	329.4	387.4	501.9	536.1	521.4	506.8	499.0
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°
12699.6	0°	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6
12212.3	2.5°	12138.7	12065.1	11991.0	11917.5	11860.4	11802.9	11756.6	11710.3	11674.3	11638.2
11806.8	5°	11676.2	11545.6	11427.2	11308.3	11217.2	11125.6	11061.7	10997.9	10952.6	10907.2
11556.8	7.5°	11392.6	11227.9	11082.7	10937.9	10829.3	10721.1	10645.1	10569.0	10516.9	10465.2
11550.5	10°	11373.6	11196.2	11033.0	10869.7	10740.1	10610.0	10525.2	10439.4	10390.2	10341.0
11797.1	12.5°	11657.7	11519.3	11350.2	11181.6	11015.9	10850.2	10740.6	10630.9	10575.9	10521.3
12197.7	15°	12161.6	12125.5	11978.9	11832.2	11596.3	11360.4	11193.8	11027.1	10950.6	10874.6
12534.9	17.5°	12648.0	12760.5	12642.1	12524.2	12211.8	11899.4	11653.8	11408.2	11295.1	11181.6
12592.4	20°	12828.7	13065.1	13010.5	12955.5	12598.2	12241.5	11940.4	11639.7	11494.9	11349.7
12269.8	22.5°	12577.3	12884.8	12917.9	12950.6	12609.5	12268.3	11958.4	11648.0	11495.4	11342.4
11690.9	25°	11993.5	12296.1	12409.2	12521.7	12242.0	11962.8	11687.0	11412.1	11279.6	11147.5
11038.8	27.5°	11281.5	11524.2	11649.9	11776.1	11576.8	11378.0	11164.1	10950.1	10861.4	10772.2
10383.9	30°	10585.1	10786.9	10889.2	10991.5	10840.0	10687.9	10534.9	10380.9	10335.6	10289.8
9719.6	32.5°	9912.6	10106.1	10219.6	10333.7	10194.3	10054.4	9932.1	9809.8	9780.1	9750.3
9073.9	35°	9265.0	9456.5	9592.9	9729.4	9630.0	9531.0	9418.0	9305.4	9260.1	9215.3
8457.5	37.5°	8648.0	8839.0	9007.7	9176.3	9130.5	9084.7	8980.9	8876.6	8794.2	8712.3
7881.0	40°	8065.2	8249.4	8443.3	8637.8	8649.0	8659.7	8571.5	8483.3	8363.4	8244.5
7352.7	42.5°	7527.2	7702.1	7911.7	8121.2	8177.3	8233.3	8158.7	8084.7	7936.0	7787.4
6899.5	45°	7065.2	7230.9	7448.2	7665.6	7746.0	7826.4	7759.1	7692.4	7522.3	7352.7
6537.4	47.5°	6699.7	6861.5	7075.9	7290.3	7382.9	7475.5	7428.7	7382.0	7230.9	7079.8
6274.3	50°	6427.3	6579.8	6771.8	6963.8	7082.7	7201.6	7198.7	7196.8	7075.9	6955.1
6101.3	52.5°	6241.6	6381.5	6560.3	6739.7	6880.5	7021.3	7046.7	7072.0	6973.6	6875.1
5970.7	55°	6121.7	6272.8	6429.7	6586.2	6735.3	6884.9	6920.0	6955.1	6869.3	6783.5
5794.3	57.5°	5971.6	6149.0	6304.0	6459.5	6610.0	6760.1	6795.7	6831.3	6744.5	6657.8
5556.4	60°	5760.1	5963.8	6121.2	6279.1	6430.2	6581.3	6620.3	6659.3	6574.5	6490.2
5221.7	62.5°	5459.0	5696.8	5864.9	6033.0	6171.4	6309.8	6347.4	6384.9	6308.4	6231.9
4863.5	65°	5117.9	5372.7	5533.5	5694.4	5816.2	5938.0	5976.5	6014.5	5940.9	5867.4
4532.1	67.5°	4767.0	5002.4	5154.9	5306.9	5412.2	5517.5	5555.0	5592.0	5524.3	5457.0
4201.7	70°	4408.3	4614.9	4746.5	4878.1	4973.1	5068.1	5104.2	5140.3	5085.2	5030.1
3808.4	72.5°	3971.2	4133.5	4252.4	4371.3	4464.4	4557.4	4600.3	4643.2	4597.4	4551.6
3334.3	75°	3455.1	3576.0	3683.7	3791.4	3876.2	3961.0	4005.8	4050.6	4028.2	4005.8
2832.3	77.5°	2930.8	3028.7	3121.3	3213.9	3303.1	3391.8	3433.7	3475.6	3444.4	3412.2
2261.2	80°	2343.0	2424.4	2502.4	2580.4	2648.1	2715.4	2770.9	2826.5	2812.8	2799.7
1700.8	82.5°	1693.9	1687.1	1659.8	1632.5	1776.8	1921.0	2015.6	2110.1	2104.3	2097.9
1057.5	85°	1022.4	986.8	911.3	835.8	970.7	1106.2	1223.2	1340.1	1330.4	1320.6
491.2	87.5°	489.8	488.3	430.8	372.8	429.3	486.3	533.6	580.9	569.2	556.5
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°
12699.6	0°	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6
11605.1	2.5°	11571.5	11530.0	11571.5	11605.1	11638.2	11674.3	11710.3	11756.6	11802.9	11860.4
10872.6	5°	10838.0	10803.9	10838.0	10872.6	10907.2	10952.6	10997.9	11061.7	11125.6	11217.2
10434.0	7.5°	10403.3	10380.0	10403.3	10434.0	10465.2	10516.9	10569.0	10645.1	10721.1	10829.3
10314.7	10°	10288.3	10277.6	10288.3	10314.7	10341.0	10390.2	10439.4	10525.2	10610.0	10740.1
10498.9	12.5°	10476.4	10472.5	10476.4	10498.9	10521.3	10575.9	10630.9	10740.6	10850.2	11015.9
10845.3	15°	10816.1	10813.7	10816.1	10845.3	10874.6	10950.6	11027.1	11193.8	11360.4	11596.3
11144.6	17.5°	11107.0	11101.2	11107.0	11144.6	11181.6	11295.1	11408.2	11653.8	11899.4	12211.8
11303.4	20°	11257.1	11242.5	11257.1	11303.4	11349.7	11494.9	11639.7	11940.4	12241.5	12598.2
11291.2	22.5°	11240.1	11218.1	11240.1	11291.2	11342.4	11495.4	11648.0	11958.4	12268.3	12609.5
11099.2	25°	11051.5	11023.2	11051.5	11099.2	11147.5	11279.6	11412.1	11687.0	11962.8	12242.0
10750.3	27.5°	10728.4	10721.1	10728.4	10750.3	10772.2	10861.4	10950.1	11164.1	11378.0	11576.8
10289.8	30°	10289.8	10297.1	10289.8	10289.8	10289.8	10335.6	10380.9	10534.9	10687.9	10840.0
9754.2	32.5°	9758.6	9765.9	9758.6	9754.2	9750.3	9780.1	9809.8	9932.1	10054.4	10194.3
9205.5	35°	9195.8	9190.9	9195.8	9205.5	9215.3	9260.1	9305.4	9418.0	9531.0	9630.0
8669.0	37.5°	8625.6	8601.2	8625.6	8669.0	8712.3	8794.2	8876.6	8980.9	9084.7	9130.5
8163.6	40°	8083.7	8035.9	8083.7	8163.6	8244.5	8363.4	8483.3	8571.5	8659.7	8649.0
7670.0	42.5°	7552.5	7475.5	7552.5	7670.0	7787.4	7936.0	8084.7	8158.7	8233.3	8177.3
7214.8	45°	7076.9	6988.2	7076.9	7214.8	7352.7	7522.3	7692.4	7759.1	7826.4	7746.0
6952.1	47.5°	6824.9	6739.7	6824.9	6952.1	7079.8	7230.9	7382.0	7428.7	7475.5	7382.9
6837.1	50°	6719.2	6637.3	6719.2	6837.1	6955.1	7075.9	7196.8	7198.7	7201.6	7082.7
6769.4	52.5°	6664.1	6588.6	6664.1	6769.4	6875.1	6973.6	7072.0	7046.7	7021.3	6880.5
6690.9	55°	6598.3	6530.1	6598.3	6690.9	6783.5	6869.3	6955.1	6920.0	6884.9	6735.3
6566.2	57.5°	6474.1	6403.4	6474.1	6566.2	6657.8	6744.5	6831.3	6795.7	6760.1	6610.0
6395.6	60°	6301.1	6228.0	6301.1	6395.6	6490.2	6574.5	6659.3	6620.3	6581.3	6430.2
6132.5	62.5°	6033.0	5945.3	6033.0	6132.5	6231.9	6308.4	6384.9	6347.4	6309.8	6171.4
5770.9	65°	5674.9	5599.3	5674.9	5770.9	5867.4	5940.9	6014.5	5976.5	5938.0	5816.2
5367.4	67.5°	5277.7	5209.5	5277.7	5367.4	5457.0	5524.3	5592.0	5555.0	5517.5	5412.2
4944.4	70°	4858.6	4780.6	4858.6	4944.4	5030.1	5085.2	5140.3	5104.2	5068.1	4973.1
4469.7	72.5°	4388.3	4312.8	4388.3	4469.7	4551.6	4597.4	4643.2	4600.3	4557.4	4464.4
3937.1	75°	3868.4	3796.2	3868.4	3937.1	4005.8	4028.2	4050.6	4005.8	3961.0	3876.2
3343.0	77.5°	3273.8	3216.3	3273.8	3343.0	3412.2	3444.4	3475.6	3433.7	3391.8	3303.1
2706.6	80°	2613.0	2504.8	2613.0	2706.6	2799.7	2812.8	2826.5	2770.9	2715.4	2648.1
2019.5	82.5°	1940.5	1871.3	1940.5	2019.5	2097.9	2104.3	2110.1	2015.6	1921.0	1776.8
1259.2	85°	1197.8	1135.5	1197.8	1259.2	1320.6	1330.4	1340.1	1223.2	1106.2	970.7
525.3	87.5°	493.2	463.0	493.2	525.3	556.5	569.2	580.9	533.6	486.3	429.3
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°
12699.6	0°	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6
11917.5	2.5°	11991.0	12065.1	12138.7	12212.3	12296.1	12380.4	12473.5	12567.1	12682.6	12786.4
11308.3	5°	11427.2	11545.6	11676.2	11806.8	11954.5	12102.6	12279.5	12455.9	12658.2	12862.9
10937.9	7.5°	11082.7	11227.9	11392.6	11556.8	11751.8	11946.7	12181.1	12416.0	12677.7	12956.9
10869.7	10°	11033.0	11196.2	11373.6	11550.5	11745.4	11940.4	12187.9	12435.5	12716.7	13061.2
11181.6	12.5°	11350.2	11519.3	11657.7	11797.1	11925.7	12055.4	12257.1	12459.8	12721.5	13083.6
11832.2	15°	11978.9	12125.5	12161.6	12197.7	12180.1	12162.6	12259.1	12356.0	12565.6	12966.7
12524.2	17.5°	12642.1	12760.5	12648.0	12534.9	12322.4	12109.9	12074.9	12039.3	12168.4	12640.2
12955.5	20°	13010.5	13065.1	12828.7	12592.4	12223.0	11854.1	11688.4	11522.7	11556.8	12106.0
12950.6	22.5°	12917.9	12884.8	12577.3	12269.8	11847.8	11426.7	11181.6	10936.5	10869.7	11494.9
12521.7	25°	12409.2	12296.1	11993.5	11690.9	11311.7	10933.1	10650.4	10367.8	10187.5	10828.3
11776.1	27.5°	11649.9	11524.2	11281.5	11038.8	10727.9	10416.5	10143.6	9870.7	9651.4	10234.7
10991.5	30°	10889.2	10786.9	10585.1	10383.9	10125.6	9867.3	9649.9	9433.6	9261.6	9751.3
10333.7	32.5°	10219.6	10106.1	9912.6	9719.6	9513.0	9306.9	9178.7	9050.5	8974.0	9368.8
9729.4	35°	9592.9	9456.5	9265.0	9073.9	8917.0	8759.6	8724.0	8688.9	8720.6	9049.6
9176.3	37.5°	9007.7	8839.0	8648.0	8457.5	8344.9	8231.8	8270.8	8309.8	8425.8	8713.3
8637.8	40°	8443.3	8249.4	8065.2	7881.0	7799.6	7718.2	7806.4	7894.6	8072.5	8333.2
8121.2	42.5°	7911.7	7702.1	7527.2	7352.7	7285.9	7219.7	7336.6	7453.6	7677.8	7918.0
7665.6	45°	7448.2	7230.9	7065.2	6899.5	6843.0	6787.4	6901.0	7015.0	7231.9	7475.5
7290.3	47.5°	7075.9	6861.5	6699.7	6537.4	6485.3	6432.6	6528.2	6623.7	6810.3	7124.6
6963.8	50°	6771.8	6579.8	6427.3	6274.3	6191.9	6110.0	6194.3	6279.1	6496.0	6909.2
6739.7	52.5°	6560.3	6381.5	6241.6	6101.3	5978.5	5855.2	5938.5	6022.3	6325.4	6800.6
6586.2	55°	6429.7	6272.8	6121.7	5970.7	5796.2	5621.3	5753.3	5885.9	6342.5	6784.5
6459.5	57.5°	6304.0	6149.0	5971.6	5794.3	5606.2	5418.0	5611.0	5804.0	6359.6	6749.4
6279.1	60°	6121.2	5963.8	5760.1	5556.4	5391.7	5226.5	5477.0	5727.0	6305.9	6563.3
6033.0	62.5°	5864.9	5696.8	5459.0	5221.7	5116.9	5012.1	5324.5	5637.3	6174.4	6206.0
5694.4	65°	5533.5	5372.7	5117.9	4863.5	4823.5	4783.1	5115.9	5448.3	5857.6	5853.7
5306.9	67.5°	5154.9	5002.4	4767.0	4532.1	4544.8	4557.4	4834.2	5111.0	5341.0	5351.8
4878.1	70°	4746.5	4614.9	4408.3	4201.7	4245.5	4289.4	4486.3	4683.2	4758.7	4758.7
4371.3	72.5°	4252.4	4133.5	3971.2	3808.4	3872.3	3936.6	4071.6	4206.6	4205.6	4157.8
3791.4	75°	3683.7	3576.0	3455.1	3334.3	3396.1	3457.5	3561.8	3665.6	3684.2	3463.9
3213.9	77.5°	3121.3	3028.7	2930.8	2832.3	2894.7	2957.1	3040.4	3123.7	3133.5	2770.4
2580.4	80°	2502.4	2424.4	2343.0	2261.2	2313.8	2365.9	2436.1	2505.8	2507.3	2073.6
1632.5	82.5°	1659.8	1687.1	1693.9	1700.8	1737.8	1774.8	1808.9	1843.1	1822.6	1452.2
835.8	85°	911.3	986.8	1022.4	1057.5	1098.9	1140.3	1176.9	1213.4	1186.6	911.3
372.8	87.5°	430.8	488.3	489.8	491.2	499.0	506.8	521.4	536.1	501.9	387.4
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):

325°		330°	335°	340°	345°	350°	355°	360°
12699.6	0°	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6	12699.6
12893.6	2.5°	13000.8	13112.9	13224.9	13336.1	13447.6	13552.4	13657.2
13079.7	5°	13296.6	13528.5	13761.0	13991.5	14222.5	14454.0	14685.4
13259.5	7.5°	13562.2	13905.7	14249.3	14602.1	14954.9	15336.5	15718.6
13419.9	10°	13777.6	14195.2	14612.3	15078.2	15544.6	16027.5	16510.5
13488.6	12.5°	13893.5	14385.7	14877.9	15406.2	15934.5	16464.7	16995.4
13435.5	15°	13904.3	14471.0	15037.8	15610.9	16184.0	16737.1	17290.2
13204.0	17.5°	13767.8	14425.7	15083.6	15708.8	16334.1	16895.0	17455.9
12804.9	20°	13503.7	14300.9	15098.2	15785.3	16472.5	17055.8	17638.6
12336.6	22.5°	13178.2	14147.9	15117.7	15888.6	16659.1	17255.1	17850.6
11813.7	25°	12799.5	13996.9	15194.7	16075.8	16956.4	17539.7	18123.5
11335.6	27.5°	12436.5	13896.0	15355.5	16368.2	17380.3	17937.3	18493.9
10936.0	30°	12120.7	13848.7	15575.8	16746.8	17917.9	18455.4	18993.4
10591.5	32.5°	11813.7	13790.2	15765.8	17142.0	18518.2	19050.4	19583.0
10252.8	35°	11456.0	13680.1	15905.2	17592.3	19279.4	19789.7	20299.4
9854.1	37.5°	10995.0	13491.5	15988.1	18096.7	20205.3	20855.4	21505.5
9378.5	40°	10423.8	13231.8	16040.2	18737.0	21433.4	22380.7	23328.1
8853.7	42.5°	9789.3	12963.7	16139.1	19574.7	23010.4	24377.8	25745.2
8296.2	45°	9116.8	12714.7	16313.1	20677.1	25041.0	26885.5	28730.1
7855.1	47.5°	8585.6	12509.1	16432.5	21851.5	27270.5	29867.0	32462.9
7562.3	50°	8215.3	12284.9	16354.5	22941.2	29527.8	33442.0	37355.7
7369.3	52.5°	7938.5	11906.2	15874.5	23648.8	31422.5	37197.3	42972.0
7229.4	55°	7674.3	11278.6	14882.8	23492.8	32102.3	40526.7	48951.5
7063.7	57.5°	7378.1	10393.6	13408.7	22395.4	31382.6	42886.3	54390.0
6810.3	60°	7057.4	9244.5	11431.6	20353.0	29274.4	43475.9	57677.0
6369.8	62.5°	6534.0	7869.3	9204.5	17591.3	25978.2	40993.0	56007.9
5931.2	65°	6008.7	6632.0	7255.2	14773.6	22292.5	37479.9	52667.3
5308.9	67.5°	5265.5	5442.9	5619.8	12013.5	18407.1	33299.2	48191.3
4558.4	70°	4357.6	4307.4	4256.8	9458.9	14661.1	28737.4	42813.7
3873.7	72.5°	3589.1	3436.1	3283.6	7231.4	11179.2	23792.0	36405.4
3145.2	75°	2826.5	2688.1	2549.7	5248.5	7947.2	18123.0	28298.8
2461.0	77.5°	2151.5	2057.0	1962.9	3556.5	5150.0	12684.5	20219.0
1811.9	80°	1549.7	1510.7	1471.7	2291.4	3111.6	8172.4	13233.2
1259.2	82.5°	1066.3	1058.5	1051.6	1409.3	1768.0	4729.9	7692.4
770.0	85°	628.6	632.5	636.0	753.4	871.3	2127.6	3384.5
329.4	87.5°	271.9	275.3	278.7	312.4	346.0	696.9	1047.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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