

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: P948494

Luminaire Tested: **GALN-SB3C-740-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P948494  
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-SB3C-740-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 70 CRI, 4000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

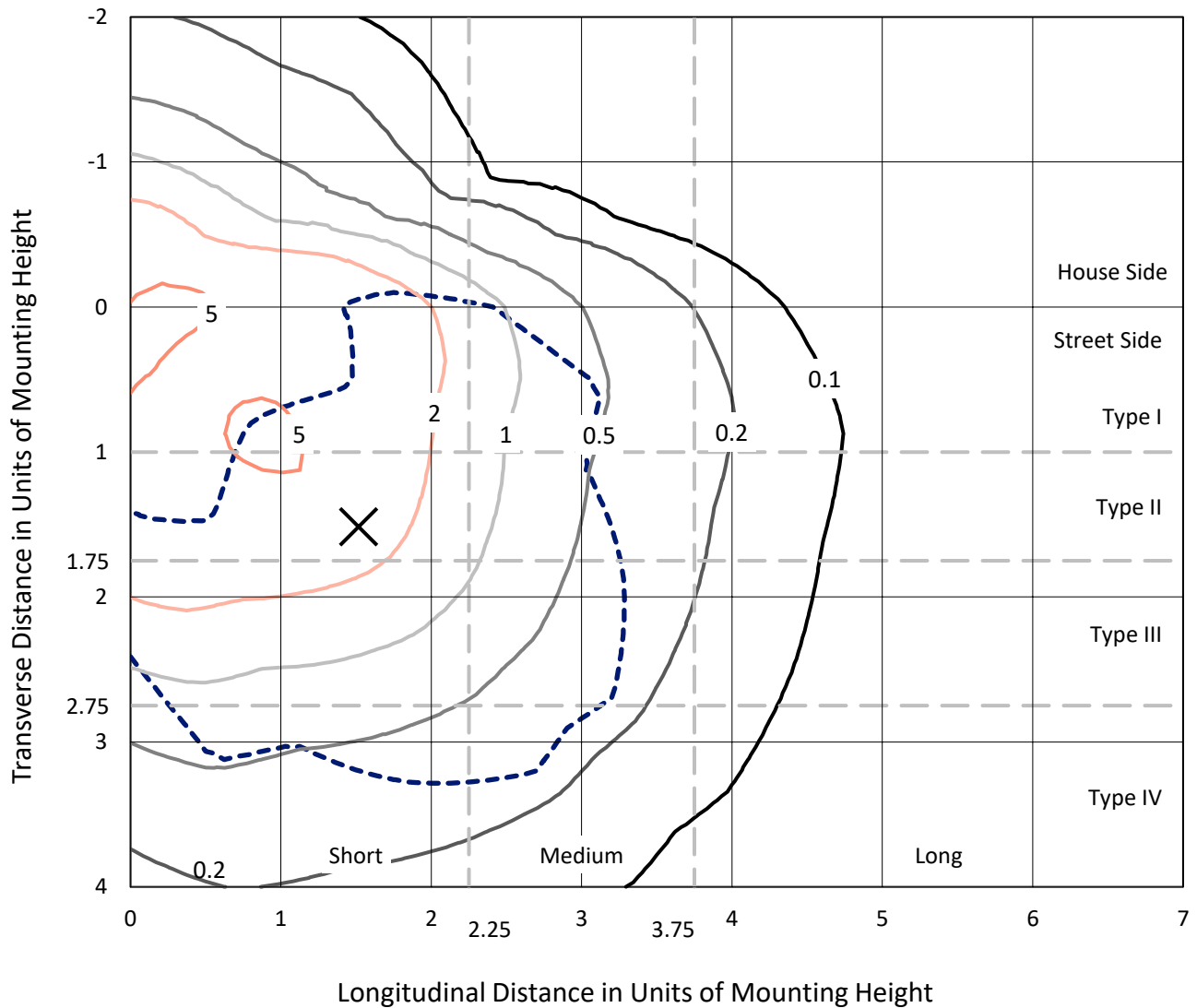
Lumens per Lamp: N/A  
Luminaire Lumens: 23687 lumens  
Efficiency: N/A  
Efficacy: 158.9 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 149.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

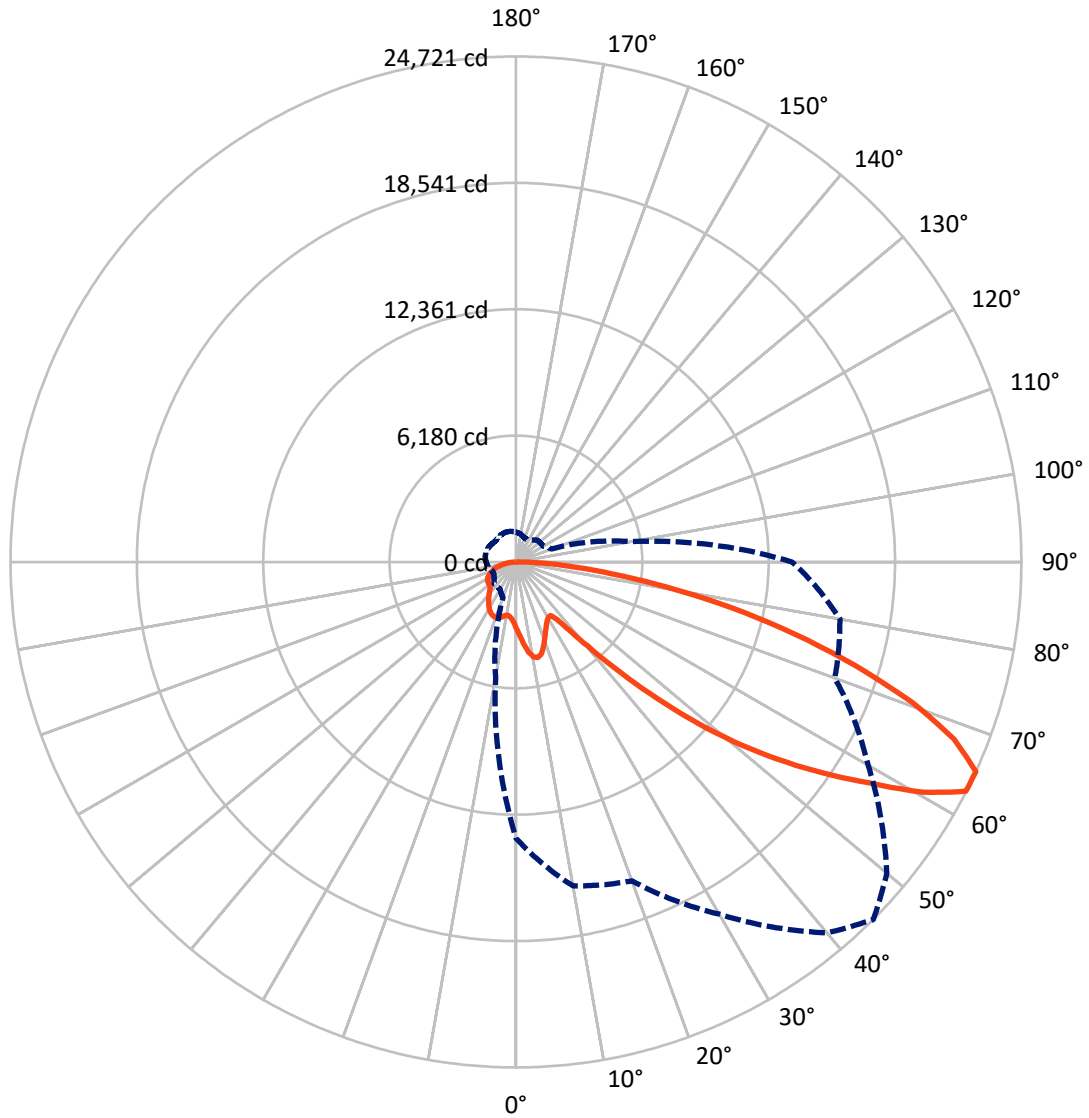
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.2 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
<b>House Side</b>	Lumens	6020.0	0.0	6020.0
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	17667.0	0.0	17667.0
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	23687.0	0.0	23687.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	323.1	1.4
10°-20°	1014.3	4.3
20°-30°	1566.7	6.6
30°-40°	1985.5	8.4
40°-50°	2994.6	12.6
50°-60°	4838.2	20.4
60°-70°	6031.6	25.5
70°-80°	3955.2	16.7
80°-90°	977.8	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°	23687.0	100.0
0°-180°	23687.0	100.0

**Coefficient of Utilization**



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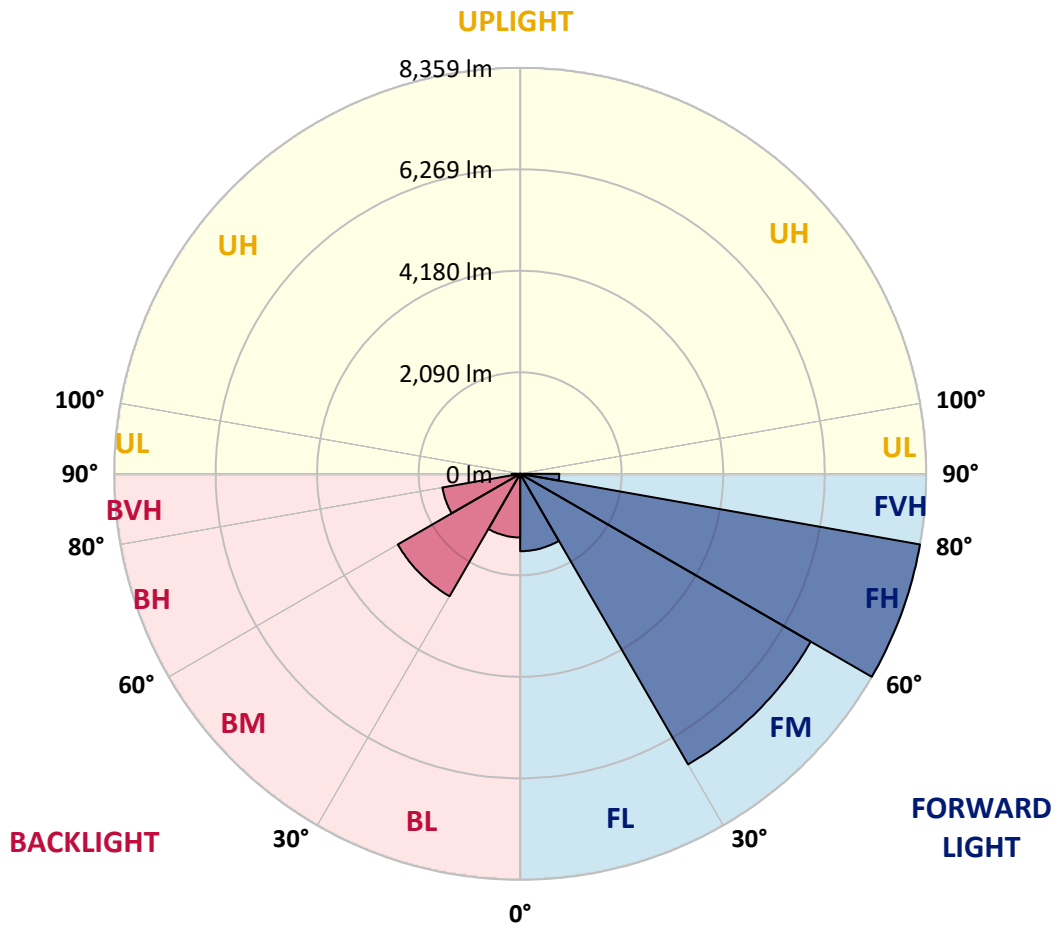
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1593.2	6.7			
FM (30°-60°)	6909.0	29.2			
FH (60°-80°)	8359.2	35.3			G4/12000
FVH (80°-90°)	805.5	3.4			G5
BL (0°-30°)	1310.9	5.5	B3/2500		
BM (30°-60°)	2909.3	12.3	B3/5000		
BH (60°-80°)	1627.5	6.9	B3/2500		G3/2500
BVH (80°-90°)	172.3	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°	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2
2.5°	3502.8	3516.0	3529.4	3548.3	3567.1	3578.4	3589.6	3595.3	3600.9	3598.4
5°	3766.5	3812.9	3859.4	3905.4	3951.5	3976.5	4001.5	4016.6	4031.8	4043.3
7.5°	4031.5	4107.0	4182.3	4250.2	4318.1	4358.9	4399.8	4421.9	4443.9	4454.5
10°	4234.6	4323.8	4413.0	4492.7	4572.3	4620.5	4668.5	4690.0	4711.4	4719.5
12.5°	4358.9	4455.7	4552.3	4624.3	4696.0	4731.0	4766.0	4777.8	4789.5	4790.8
15°	4434.5	4518.0	4601.4	4646.5	4691.8	4693.0	4694.3	4681.8	4669.3	4654.5
17.5°	4477.0	4533.4	4589.8	4590.7	4591.4	4540.8	4490.2	4443.8	4397.3	4364.6
20°	4523.9	4543.5	4563.3	4503.9	4444.5	4332.8	4221.1	4139.7	4058.3	4008.3
22.5°	4578.3	4552.5	4526.8	4403.8	4280.8	4116.5	3952.1	3850.4	3748.6	3693.4
25°	4648.3	4567.0	4485.8	4299.1	4112.3	3912.7	3713.1	3606.1	3499.4	3447.1
27.5°	4743.3	4598.0	4452.7	4205.3	3958.1	3736.9	3515.6	3410.4	3305.3	3255.9
30°	4871.4	4654.8	4438.3	4133.8	3829.4	3598.9	3368.4	3270.8	3173.2	3127.2
32.5°	5022.6	4726.0	4429.5	4085.1	3740.6	3524.0	3307.4	3230.8	3154.1	3120.9
35°	5206.3	4843.4	4480.5	4121.6	3762.7	3612.3	3461.9	3444.0	3426.1	3423.4
37.5°	5515.7	5088.7	4661.8	4335.6	4009.3	3999.6	3989.8	4071.6	4153.3	4195.8
40°	5983.1	5518.8	5054.5	4811.9	4569.3	4740.5	4911.7	5110.5	5309.2	5408.2
42.5°	6603.1	6142.4	5681.7	5541.9	5402.2	5775.7	6149.1	6510.6	6872.0	7084.3
45°	7368.6	6954.8	6540.8	6479.2	6417.5	7015.8	7614.2	8208.2	8802.2	9162.8
47.5°	8326.0	7923.4	7520.7	7508.2	7495.7	8358.9	9221.8	10091.3	10960.8	11471.3
50°	9580.9	9083.6	8586.4	8588.5	8590.6	9703.0	10815.4	11963.2	13110.9	13804.8
52.5°	11021.4	10419.2	9817.1	9756.3	9695.3	11024.0	12352.7	13772.8	15192.8	16024.6
55°	12555.0	11960.0	11365.1	11127.7	10890.4	12369.2	13848.0	15540.9	17233.9	18223.1
57.5°	13949.8	13625.9	13301.8	12825.7	12349.7	13843.0	15336.2	17253.7	19171.2	20397.9
60°	14792.9	15296.1	15799.4	15208.2	14617.0	16030.1	17443.2	19496.3	21549.3	22875.2
62.5°	14364.8	15739.8	17114.7	17048.1	16981.4	18275.9	19570.5	21523.8	23477.0	24702.5
65°	13508.0	14798.5	16089.0	16344.3	16599.6	18244.6	19889.8	21783.9	23677.8	24721.2
67.5°	12360.0	13587.4	14814.7	14934.5	15054.1	16768.2	18482.1	20384.3	22286.5	23103.9
70°	10980.8	12315.7	13650.9	13704.3	13758.0	15290.8	16823.5	18460.5	20097.3	20551.6
72.5°	9337.2	10869.1	12401.2	12439.7	12478.1	13677.3	14876.6	16102.6	17328.5	17374.5
75°	7258.0	8843.6	10429.2	10571.5	10713.9	11646.9	12580.0	13443.0	14306.0	14074.8
77.5°	5185.7	6665.8	8146.0	8349.8	8553.5	9262.8	9972.1	10584.2	11196.4	10798.9
80°	3394.0	4639.3	5884.4	6137.6	6390.8	6926.5	7462.0	7783.5	8104.8	7465.5
82.5°	1972.9	2824.2	3675.6	3958.5	4241.4	4610.2	4978.9	5113.0	5247.0	4744.5
85°	868.0	1319.9	1771.7	2012.3	2252.9	2555.9	2858.7	2934.8	3010.9	2608.5
87.5°	268.7	420.6	572.4	706.7	840.9	992.4	1143.9	1150.4	1156.8	971.2
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°
3257.2	0°	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2
3600.9	2.5°	3595.3	3589.6	3578.4	3567.1	3548.3	3529.4	3516.0	3502.8	3475.9	3449.0
4031.8	5°	4016.6	4001.5	3976.5	3951.5	3905.4	3859.4	3812.9	3766.5	3707.1	3647.8
4443.9	7.5°	4421.9	4399.8	4358.9	4318.1	4250.2	4182.3	4107.0	4031.5	3933.5	3835.6
4711.4	10°	4690.0	4668.5	4620.5	4572.3	4492.7	4413.0	4323.8	4234.6	4110.7	3986.8
4789.5	12.5°	4777.8	4766.0	4731.0	4696.0	4624.3	4552.3	4455.7	4358.9	4222.8	4086.8
4669.3	15°	4681.8	4694.3	4693.0	4691.8	4646.5	4601.4	4518.0	4434.5	4292.7	4150.8
4397.3	17.5°	4443.8	4490.2	4540.8	4591.4	4590.7	4589.8	4533.4	4477.0	4333.2	4189.3
4058.3	20°	4139.7	4221.1	4332.8	4444.5	4503.9	4563.3	4543.5	4523.9	4374.4	4224.8
3748.6	22.5°	3850.4	3952.1	4116.5	4280.8	4403.8	4526.8	4552.5	4578.3	4425.5	4272.7
3499.4	25°	3606.1	3713.1	3912.7	4112.3	4299.1	4485.8	4567.0	4648.3	4498.5	4348.9
3305.3	27.5°	3410.4	3515.6	3736.9	3958.1	4205.3	4452.7	4598.0	4743.3	4600.5	4457.7
3173.2	30°	3270.8	3368.4	3598.9	3829.4	4133.8	4438.3	4654.8	4871.4	4733.4	4595.5
3154.1	32.5°	3230.8	3307.4	3524.0	3740.6	4085.1	4429.5	4726.0	5022.6	4886.0	4749.5
3426.1	35°	3444.0	3461.9	3612.3	3762.7	4121.6	4480.5	4843.4	5206.3	5075.6	4944.7
4153.3	37.5°	4071.6	3989.8	3999.6	4009.3	4335.6	4661.8	5088.7	5515.7	5349.0	5182.2
5309.2	40°	5110.5	4911.7	4740.5	4569.3	4811.9	5054.5	5518.8	5983.1	5740.2	5497.2
6872.0	42.5°	6510.6	6149.1	5775.7	5402.2	5541.9	5681.7	6142.4	6603.1	6252.4	5901.6
8802.2	45°	8208.2	7614.2	7015.8	6417.5	6479.2	6540.8	6954.8	7368.6	6895.5	6422.5
10960.8	47.5°	10091.3	9221.8	8358.9	7495.7	7508.2	7520.7	7923.4	8326.0	7660.2	6994.3
13110.9	50°	11963.2	10815.4	9703.0	8590.6	8588.5	8586.4	9083.6	9580.9	8577.1	7573.2
15192.8	52.5°	13772.8	12352.7	11024.0	9695.3	9756.3	9817.1	10419.2	11021.4	9540.3	8059.2
17233.9	55°	15540.9	13848.0	12369.2	10890.4	11127.7	11365.1	11960.0	12555.0	10394.2	8233.5
19171.2	57.5°	17253.7	15336.2	13843.0	12349.7	12825.7	13301.8	13625.9	13949.8	10999.4	8048.9
21549.3	60°	19496.3	17443.2	16030.1	14617.0	15208.2	15799.4	15296.1	14792.9	11150.6	7508.2
23477.0	62.5°	21523.8	19570.5	18275.9	16981.4	17048.1	17114.7	15739.8	14364.8	10513.8	6662.8
23677.8	65°	21783.9	19889.8	18244.6	16599.6	16344.3	16089.0	14798.5	13508.0	9612.8	5717.5
22286.5	67.5°	20384.3	18482.1	16768.2	15054.1	14934.5	14814.7	13587.4	12360.0	8540.5	4721.0
20097.3	70°	18460.5	16823.5	15290.8	13758.0	13704.3	13650.9	12315.7	10980.8	7370.5	3760.2
17328.5	72.5°	16102.6	14876.6	13677.3	12478.1	12439.7	12401.2	10869.1	9337.2	6102.1	2867.2
14306.0	75°	13443.0	12580.0	11646.9	10713.9	10571.5	10429.2	8843.6	7258.0	4648.1	2038.3
11196.4	77.5°	10584.2	9972.1	9262.8	8553.5	8349.8	8146.0	6665.8	5185.7	3253.3	1320.9
8104.8	80°	7783.5	7462.0	6926.5	6390.8	6137.6	5884.4	4639.3	3394.0	2096.0	798.0
5247.0	82.5°	5113.0	4978.9	4610.2	4241.4	3958.5	3675.6	2824.2	1972.9	1213.1	453.5
3010.9	85°	2934.8	2858.7	2555.9	2252.9	2012.3	1771.7	1319.9	868.0	545.7	223.5
1156.8	87.5°	1150.4	1143.9	992.4	840.9	706.7	572.4	420.6	268.7	178.7	88.7
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°
3257.2	0°	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2
3420.4	2.5°	3391.9	3363.2	3334.4	3306.9	3279.4	3252.8	3223.2	3199.2	3175.3	3153.7
3588.5	5°	3529.4	3469.8	3410.3	3354.7	3299.0	3246.5	3194.7	3149.4	3104.1	3066.1
3745.1	7.5°	3654.6	3566.5	3478.4	3400.8	3323.2	3251.5	3184.4	3124.2	3064.1	3014.1
3867.2	10°	3747.7	3640.8	3533.6	3441.9	3349.9	3261.5	3189.4	3125.9	3062.4	3012.4
3951.3	12.5°	3815.9	3689.6	3563.4	3459.5	3355.7	3262.8	3195.7	3143.7	3091.9	3058.7
4003.8	15°	3856.9	3711.5	3566.1	3445.9	3325.7	3222.8	3169.1	3144.2	3119.4	3123.9
4029.0	17.5°	3868.6	3699.9	3531.1	3386.5	3241.9	3120.9	3087.8	3096.9	3105.9	3160.4
4048.6	20°	3872.4	3667.9	3463.4	3284.2	3104.9	2964.1	2955.3	2997.8	3040.3	3134.9
4075.1	22.5°	3877.4	3628.6	3379.9	3164.1	2948.2	2787.8	2805.0	2867.8	2930.7	3038.7
4123.1	25°	3897.1	3589.9	3282.8	3029.9	2777.2	2612.9	2659.1	2731.6	2804.1	2901.2
4198.1	27.5°	3938.3	3564.0	3189.7	2907.3	2625.0	2475.4	2531.6	2601.6	2671.6	2751.5
4295.2	30°	3994.8	3551.9	3108.7	2804.8	2501.0	2375.4	2419.5	2475.0	2530.7	2597.0
4396.5	32.5°	4043.6	3536.9	3029.9	2716.5	2402.9	2301.6	2321.3	2354.1	2387.0	2439.9
4512.0	35°	4079.3	3508.6	2938.2	2629.6	2321.0	2236.6	2228.5	2237.5	2246.6	2287.0
4641.4	37.5°	4100.6	3460.3	2820.0	2527.4	2234.8	2161.0	2131.3	2121.3	2111.3	2140.3
4805.6	40°	4114.0	3393.7	2673.5	2405.4	2137.3	2070.4	2024.8	2002.2	1979.5	2000.4
5020.5	42.5°	4139.3	3324.9	2510.7	2270.8	2030.8	1969.2	1911.7	1881.7	1851.7	1868.7
5303.2	45°	4183.9	3261.0	2338.3	2127.8	1917.3	1854.8	1799.2	1769.9	1740.8	1755.1
5604.4	47.5°	4214.6	3208.3	2202.0	2014.7	1827.3	1746.7	1698.8	1674.3	1649.8	1663.3
5883.9	50°	4194.6	3150.8	2107.0	1939.6	1772.1	1666.1	1610.5	1588.7	1567.1	1588.1
6065.4	52.5°	4071.5	3053.7	2036.0	1890.1	1744.2	1622.3	1544.6	1523.1	1501.7	1533.3
6025.4	55°	3817.1	2892.7	1968.3	1854.2	1740.1	1626.7	1509.6	1475.6	1441.7	1486.6
5743.9	57.5°	3439.0	2665.7	1892.3	1811.7	1731.1	1631.1	1488.6	1439.1	1389.6	1437.9
5220.1	60°	2931.9	2371.0	1810.1	1746.7	1683.3	1617.3	1468.8	1404.7	1340.5	1382.9
4511.8	62.5°	2360.8	2018.3	1675.8	1633.7	1591.7	1583.6	1445.9	1365.6	1285.5	1312.4
3789.1	65°	1860.8	1701.0	1541.1	1521.2	1501.3	1502.3	1397.4	1312.1	1226.7	1237.1
3081.2	67.5°	1441.4	1396.0	1350.5	1361.6	1372.6	1369.9	1310.9	1239.9	1168.9	1165.6
2426.0	70°	1091.8	1104.8	1117.6	1169.1	1220.5	1220.5	1201.1	1150.6	1100.1	1088.9
1854.7	72.5°	842.2	881.3	920.5	993.5	1066.4	1078.6	1078.9	1044.3	1009.6	993.1
1346.1	75°	653.9	689.4	724.9	806.7	888.4	944.9	940.2	913.5	886.8	871.0
912.2	77.5°	503.4	527.6	551.8	631.2	710.6	803.7	801.2	779.8	758.4	742.4
587.7	80°	377.5	387.5	397.5	464.7	531.8	643.1	642.7	624.8	606.8	593.4
361.5	82.5°	269.7	271.5	273.5	323.0	372.5	467.5	472.7	464.0	455.2	445.7
193.2	85°	163.1	162.2	161.2	197.5	233.7	304.3	311.2	301.8	292.5	281.8
80.1	87.5°	71.5	70.6	69.7	84.5	99.4	128.7	137.5	133.7	130.0	128.0
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°
3257.2	0°	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2
3132.2	2.5°	3113.3	3094.4	3075.4	3056.6	3041.9	3027.2	3015.3	3003.4	2994.2	2984.9
3028.2	5°	2994.7	2961.2	2930.8	2900.3	2877.0	2853.5	2837.1	2820.7	2809.1	2797.5
2964.1	7.5°	2922.0	2879.7	2842.5	2805.3	2777.5	2749.7	2730.2	2710.7	2697.3	2684.1
2962.4	10°	2917.1	2871.6	2829.7	2787.8	2754.6	2721.2	2699.5	2677.5	2664.9	2652.2
3025.7	12.5°	2989.9	2954.4	2911.1	2867.8	2825.3	2782.8	2754.7	2726.6	2712.5	2698.5
3128.4	15°	3119.2	3109.9	3072.3	3034.7	2974.2	2913.7	2871.0	2828.2	2808.6	2789.1
3214.9	17.5°	3243.9	3272.8	3242.4	3212.2	3132.1	3051.9	2988.9	2926.0	2897.0	2867.8
3229.7	20°	3290.3	3350.9	3336.9	3322.8	3231.2	3139.7	3062.4	2985.3	2948.2	2911.0
3146.9	22.5°	3225.8	3304.7	3313.2	3321.5	3234.0	3146.6	3067.1	2987.4	2948.3	2909.1
2998.4	25°	3076.1	3153.7	3182.7	3211.5	3139.8	3068.2	2997.4	2927.0	2893.0	2859.1
2831.2	27.5°	2893.5	2955.7	2987.9	3020.3	2969.2	2918.2	2863.3	2808.5	2785.7	2762.8
2663.2	30°	2714.8	2766.6	2792.8	2819.1	2780.2	2741.2	2702.0	2662.5	2650.9	2639.1
2492.9	32.5°	2542.4	2592.0	2621.1	2650.4	2614.6	2578.7	2547.4	2516.0	2508.4	2500.7
2327.3	35°	2376.3	2425.4	2460.4	2495.4	2469.9	2444.5	2415.5	2386.6	2375.0	2363.5
2169.2	37.5°	2218.0	2267.0	2310.3	2353.5	2341.8	2330.0	2303.4	2276.6	2255.5	2234.5
2021.3	40°	2068.5	2115.8	2165.5	2215.4	2218.3	2221.0	2198.4	2175.8	2145.0	2114.5
1885.8	42.5°	1930.6	1975.4	2029.2	2082.9	2097.3	2111.7	2092.5	2073.5	2035.4	1997.3
1769.6	45°	1812.1	1854.6	1910.3	1966.0	1986.7	2007.3	1990.0	1972.9	1929.3	1885.8
1676.7	47.5°	1718.3	1759.8	1814.8	1869.8	1893.6	1917.3	1905.3	1893.3	1854.6	1815.8
1609.2	50°	1648.5	1687.6	1736.8	1786.1	1816.6	1847.1	1846.3	1845.8	1814.8	1783.8
1564.8	52.5°	1600.8	1636.7	1682.6	1728.6	1764.7	1800.8	1807.3	1813.8	1788.6	1763.3
1531.3	55°	1570.1	1608.8	1649.1	1689.2	1727.4	1765.8	1774.8	1783.8	1761.8	1739.8
1486.1	57.5°	1531.6	1577.1	1616.8	1656.7	1695.3	1733.8	1742.9	1752.1	1729.8	1707.6
1425.1	60°	1477.3	1529.6	1570.0	1610.5	1649.2	1688.0	1698.0	1708.0	1686.2	1664.6
1339.2	62.5°	1400.1	1461.1	1504.2	1547.3	1582.8	1618.3	1628.0	1637.6	1618.0	1598.3
1247.4	65°	1312.6	1378.0	1419.2	1460.5	1491.7	1523.0	1532.8	1542.6	1523.7	1504.8
1162.4	67.5°	1222.6	1283.0	1322.1	1361.1	1388.1	1415.1	1424.7	1434.2	1416.9	1399.6
1077.6	70°	1130.6	1183.6	1217.4	1251.1	1275.5	1299.9	1309.1	1318.4	1304.2	1290.1
976.8	72.5°	1018.5	1060.1	1090.6	1121.1	1145.0	1168.9	1179.9	1190.9	1179.1	1167.4
855.2	75°	886.2	917.2	944.8	972.4	994.1	1015.9	1027.4	1038.9	1033.1	1027.4
726.4	77.5°	751.7	776.8	800.5	824.3	847.2	869.9	880.7	891.4	883.4	875.2
579.9	80°	600.9	621.8	641.8	661.8	679.2	696.4	710.7	724.9	721.4	718.1
436.2	82.5°	434.5	432.7	425.7	418.7	455.7	492.7	516.9	541.2	539.7	538.1
271.2	85°	262.2	253.1	233.7	214.4	249.0	283.7	313.7	343.7	341.2	338.7
126.0	87.5°	125.6	125.2	110.5	95.6	110.1	124.7	136.9	149.0	146.0	142.7
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°
3257.2	0°	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2
2976.4	2.5°	2967.8	2957.2	2967.8	2976.4	2984.9	2994.2	3003.4	3015.3	3027.2	3041.9
2788.6	5°	2779.7	2771.0	2779.7	2788.6	2797.5	2809.1	2820.7	2837.1	2853.5	2877.0
2676.1	7.5°	2668.2	2662.2	2668.2	2676.1	2684.1	2697.3	2710.7	2730.2	2749.7	2777.5
2645.5	10°	2638.7	2636.0	2638.7	2645.5	2652.2	2664.9	2677.5	2699.5	2721.2	2754.6
2692.7	12.5°	2687.0	2686.0	2687.0	2692.7	2698.5	2712.5	2726.6	2754.7	2782.8	2825.3
2781.6	15°	2774.1	2773.5	2774.1	2781.6	2789.1	2808.6	2828.2	2871.0	2913.7	2974.2
2858.3	17.5°	2848.7	2847.2	2848.7	2858.3	2867.8	2897.0	2926.0	2988.9	3051.9	3132.1
2899.1	20°	2887.2	2883.5	2887.2	2899.1	2911.0	2948.2	2985.3	3062.4	3139.7	3231.2
2896.0	22.5°	2882.8	2877.2	2882.8	2896.0	2909.1	2948.3	2987.4	3067.1	3146.6	3234.0
2846.7	25°	2834.5	2827.2	2834.5	2846.7	2859.1	2893.0	2927.0	2997.4	3068.2	3139.8
2757.2	27.5°	2751.6	2749.7	2751.6	2757.2	2762.8	2785.7	2808.5	2863.3	2918.2	2969.2
2639.1	30°	2639.1	2641.0	2639.1	2639.1	2639.1	2650.9	2662.5	2702.0	2741.2	2780.2
2501.7	32.5°	2502.9	2504.7	2502.9	2501.7	2500.7	2508.4	2516.0	2547.4	2578.7	2614.6
2361.0	35°	2358.5	2357.3	2358.5	2361.0	2363.5	2375.0	2386.6	2415.5	2444.5	2469.9
2223.4	37.5°	2212.3	2206.0	2212.3	2223.4	2234.5	2255.5	2276.6	2303.4	2330.0	2341.8
2093.8	40°	2073.3	2061.0	2073.3	2093.8	2114.5	2145.0	2175.8	2198.4	2221.0	2218.3
1967.2	42.5°	1937.1	1917.3	1937.1	1967.2	1997.3	2035.4	2073.5	2092.5	2111.7	2097.3
1850.4	45°	1815.1	1792.3	1815.1	1850.4	1885.8	1929.3	1972.9	1990.0	2007.3	1986.7
1783.1	47.5°	1750.4	1728.6	1750.4	1783.1	1815.8	1854.6	1893.3	1905.3	1917.3	1893.6
1753.6	50°	1723.3	1702.3	1723.3	1753.6	1783.8	1814.8	1845.8	1846.3	1847.1	1816.6
1736.2	52.5°	1709.2	1689.8	1709.2	1736.2	1763.3	1788.6	1813.8	1807.3	1800.8	1764.7
1716.1	55°	1692.3	1674.8	1692.3	1716.1	1739.8	1761.8	1783.8	1774.8	1765.8	1727.4
1684.1	57.5°	1660.5	1642.3	1660.5	1684.1	1707.6	1729.8	1752.1	1742.9	1733.8	1695.3
1640.3	60°	1616.1	1597.3	1616.1	1640.3	1664.6	1686.2	1708.0	1698.0	1688.0	1649.2
1572.8	62.5°	1547.3	1524.8	1547.3	1572.8	1598.3	1618.0	1637.6	1628.0	1618.3	1582.8
1480.1	65°	1455.5	1436.1	1455.5	1480.1	1504.8	1523.7	1542.6	1532.8	1523.0	1491.7
1376.6	67.5°	1353.6	1336.1	1353.6	1376.6	1399.6	1416.9	1434.2	1424.7	1415.1	1388.1
1268.1	70°	1246.1	1226.1	1246.1	1268.1	1290.1	1304.2	1318.4	1309.1	1299.9	1275.5
1146.4	72.5°	1125.5	1106.1	1125.5	1146.4	1167.4	1179.1	1190.9	1179.9	1168.9	1145.0
1009.8	75°	992.1	973.7	992.1	1009.8	1027.4	1033.1	1038.9	1027.4	1015.9	994.1
857.4	77.5°	839.7	824.9	839.7	857.4	875.2	883.4	891.4	880.7	869.9	847.2
694.2	80°	670.2	642.4	670.2	694.2	718.1	721.4	724.9	710.7	696.4	679.2
517.9	82.5°	497.7	480.0	497.7	517.9	538.1	539.7	541.2	516.9	492.7	455.7
323.0	85°	307.2	291.2	307.2	323.0	338.7	341.2	343.7	313.7	283.7	249.0
134.7	87.5°	126.5	118.7	126.5	134.7	142.7	146.0	149.0	136.9	124.7	110.1
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°
3257.2	0°	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2
3056.6	2.5°	3075.4	3094.4	3113.3	3132.2	3153.7	3175.3	3199.2	3223.2	3252.8	3279.4
2900.3	5°	2930.8	2961.2	2994.7	3028.2	3066.1	3104.1	3149.4	3194.7	3246.5	3299.0
2805.3	7.5°	2842.5	2879.7	2922.0	2964.1	3014.1	3064.1	3124.2	3184.4	3251.5	3323.2
2787.8	10°	2829.7	2871.6	2917.1	2962.4	3012.4	3062.4	3125.9	3189.4	3261.5	3349.9
2867.8	12.5°	2911.1	2954.4	2989.9	3025.7	3058.7	3091.9	3143.7	3195.7	3262.8	3355.7
3034.7	15°	3072.3	3109.9	3119.2	3128.4	3123.9	3119.4	3144.2	3169.1	3222.8	3325.7
3212.2	17.5°	3242.4	3272.8	3243.9	3214.9	3160.4	3105.9	3096.9	3087.8	3120.9	3241.9
3322.8	20°	3336.9	3350.9	3290.3	3229.7	3134.9	3040.3	2997.8	2955.3	2964.1	3104.9
3321.5	22.5°	3313.2	3304.7	3225.8	3146.9	3038.7	2930.7	2867.8	2805.0	2787.8	2948.2
3211.5	25°	3182.7	3153.7	3076.1	2998.4	2901.2	2804.1	2731.6	2659.1	2612.9	2777.2
3020.3	27.5°	2987.9	2955.7	2893.5	2831.2	2751.5	2671.6	2601.6	2531.6	2475.4	2625.0
2819.1	30°	2792.8	2766.6	2714.8	2663.2	2597.0	2530.7	2475.0	2419.5	2375.4	2501.0
2650.4	32.5°	2621.1	2592.0	2542.4	2492.9	2439.9	2387.0	2354.1	2321.3	2301.6	2402.9
2495.4	35°	2460.4	2425.4	2376.3	2327.3	2287.0	2246.6	2237.5	2228.5	2236.6	2321.0
2353.5	37.5°	2310.3	2267.0	2218.0	2169.2	2140.3	2111.3	2121.3	2131.3	2161.0	2234.8
2215.4	40°	2165.5	2115.8	2068.5	2021.3	2000.4	1979.5	2002.2	2024.8	2070.4	2137.3
2082.9	42.5°	2029.2	1975.4	1930.6	1885.8	1868.7	1851.7	1881.7	1911.7	1969.2	2030.8
1966.0	45°	1910.3	1854.6	1812.1	1769.6	1755.1	1740.8	1769.9	1799.2	1854.8	1917.3
1869.8	47.5°	1814.8	1759.8	1718.3	1676.7	1663.3	1649.8	1674.3	1698.8	1746.7	1827.3
1786.1	50°	1736.8	1687.6	1648.5	1609.2	1588.1	1567.1	1588.7	1610.5	1666.1	1772.1
1728.6	52.5°	1682.6	1636.7	1600.8	1564.8	1533.3	1501.7	1523.1	1544.6	1622.3	1744.2
1689.2	55°	1649.1	1608.8	1570.1	1531.3	1486.6	1441.7	1475.6	1509.6	1626.7	1740.1
1656.7	57.5°	1616.8	1577.1	1531.6	1486.1	1437.9	1389.6	1439.1	1488.6	1631.1	1731.1
1610.5	60°	1570.0	1529.6	1477.3	1425.1	1382.9	1340.5	1404.7	1468.8	1617.3	1683.3
1547.3	62.5°	1504.2	1461.1	1400.1	1339.2	1312.4	1285.5	1365.6	1445.9	1583.6	1591.7
1460.5	65°	1419.2	1378.0	1312.6	1247.4	1237.1	1226.7	1312.1	1397.4	1502.3	1501.3
1361.1	67.5°	1322.1	1283.0	1222.6	1162.4	1165.6	1168.9	1239.9	1310.9	1369.9	1372.6
1251.1	70°	1217.4	1183.6	1130.6	1077.6	1088.9	1100.1	1150.6	1201.1	1220.5	1220.5
1121.1	72.5°	1090.6	1060.1	1018.5	976.8	993.1	1009.6	1044.3	1078.9	1078.6	1066.4
972.4	75°	944.8	917.2	886.2	855.2	871.0	886.8	913.5	940.2	944.9	888.4
824.3	77.5°	800.5	776.8	751.7	726.4	742.4	758.4	779.8	801.2	803.7	710.6
661.8	80°	641.8	621.8	600.9	579.9	593.4	606.8	624.8	642.7	643.1	531.8
418.7	82.5°	425.7	432.7	434.5	436.2	445.7	455.2	464.0	472.7	467.5	372.5
214.4	85°	233.7	253.1	262.2	271.2	281.8	292.5	301.8	311.2	304.3	233.7
95.6	87.5°	110.5	125.2	125.6	126.0	128.0	130.0	133.7	137.5	128.7	99.4
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°
3257.2	0°	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2	3257.2
3306.9	2.5°	3334.4	3363.2	3391.9	3420.4	3449.0	3475.9	3502.8
3354.7	5°	3410.3	3469.8	3529.4	3588.5	3647.8	3707.1	3766.5
3400.8	7.5°	3478.4	3566.5	3654.6	3745.1	3835.6	3933.5	4031.5
3441.9	10°	3533.6	3640.8	3747.7	3867.2	3986.8	4110.7	4234.6
3459.5	12.5°	3563.4	3689.6	3815.9	3951.3	4086.8	4222.8	4358.9
3445.9	15°	3566.1	3711.5	3856.9	4003.8	4150.8	4292.7	4434.5
3386.5	17.5°	3531.1	3699.9	3868.6	4029.0	4189.3	4333.2	4477.0
3284.2	20°	3463.4	3667.9	3872.4	4048.6	4224.8	4374.4	4523.9
3164.1	22.5°	3379.9	3628.6	3877.4	4075.1	4272.7	4425.5	4578.3
3029.9	25°	3282.8	3589.9	3897.1	4123.1	4348.9	4498.5	4648.3
2907.3	27.5°	3189.7	3564.0	3938.3	4198.1	4457.7	4600.5	4743.3
2804.8	30°	3108.7	3551.9	3994.8	4295.2	4595.5	4733.4	4871.4
2716.5	32.5°	3029.9	3536.9	4043.6	4396.5	4749.5	4886.0	5022.6
2629.6	35°	2938.2	3508.6	4079.3	4512.0	4944.7	5075.6	5206.3
2527.4	37.5°	2820.0	3460.3	4100.6	4641.4	5182.2	5349.0	5515.7
2405.4	40°	2673.5	3393.7	4114.0	4805.6	5497.2	5740.2	5983.1
2270.8	42.5°	2510.7	3324.9	4139.3	5020.5	5901.6	6252.4	6603.1
2127.8	45°	2338.3	3261.0	4183.9	5303.2	6422.5	6895.5	7368.6
2014.7	47.5°	2202.0	3208.3	4214.6	5604.4	6994.3	7660.2	8326.0
1939.6	50°	2107.0	3150.8	4194.6	5883.9	7573.2	8577.1	9580.9
1890.1	52.5°	2036.0	3053.7	4071.5	6065.4	8059.2	9540.3	11021.4
1854.2	55°	1968.3	2892.7	3817.1	6025.4	8233.5	10394.2	12555.0
1811.7	57.5°	1892.3	2665.7	3439.0	5743.9	8048.9	10999.4	13949.8
1746.7	60°	1810.1	2371.0	2931.9	5220.1	7508.2	11150.6	14792.9
1633.7	62.5°	1675.8	2018.3	2360.8	4511.8	6662.8	10513.8	14364.8
1521.2	65°	1541.1	1701.0	1860.8	3789.1	5717.5	9612.8	13508.0
1361.6	67.5°	1350.5	1396.0	1441.4	3081.2	4721.0	8540.5	12360.0
1169.1	70°	1117.6	1104.8	1091.8	2426.0	3760.2	7370.5	10980.8
993.5	72.5°	920.5	881.3	842.2	1854.7	2867.2	6102.1	9337.2
806.7	75°	724.9	689.4	653.9	1346.1	2038.3	4648.1	7258.0
631.2	77.5°	551.8	527.6	503.4	912.2	1320.9	3253.3	5185.7
464.7	80°	397.5	387.5	377.5	587.7	798.0	2096.0	3394.0
323.0	82.5°	273.5	271.5	269.7	361.5	453.5	1213.1	1972.9
197.5	85°	161.2	162.2	163.1	193.2	223.5	545.7	868.0
84.5	87.5°	69.7	70.6	71.5	80.1	88.7	178.7	268.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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