

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: P952045

Luminaire Tested: **GALN-SB6A-735-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P952045
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-SB6A-735-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27104 lumens
Efficiency: N/A
Efficacy: 158.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

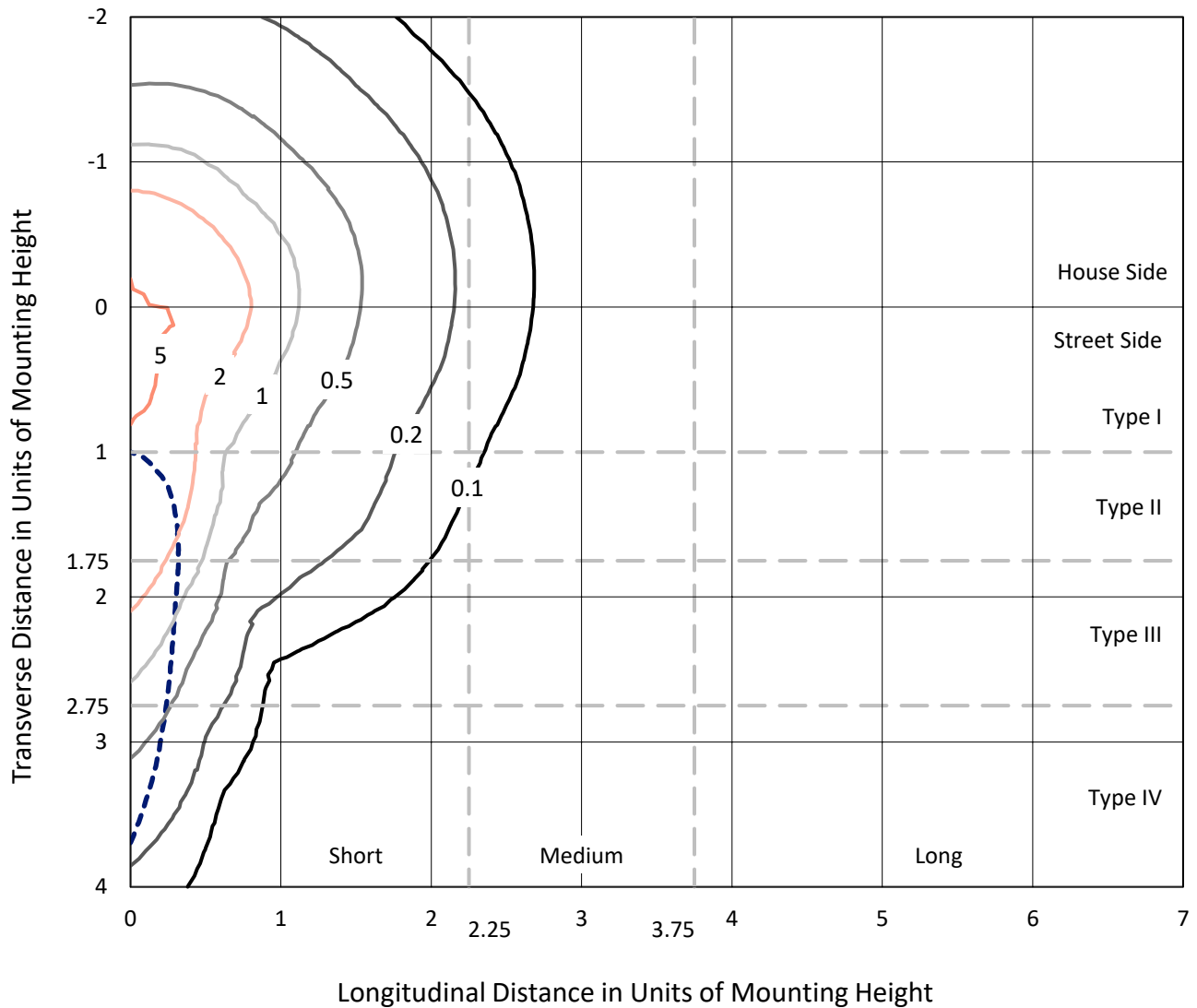
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

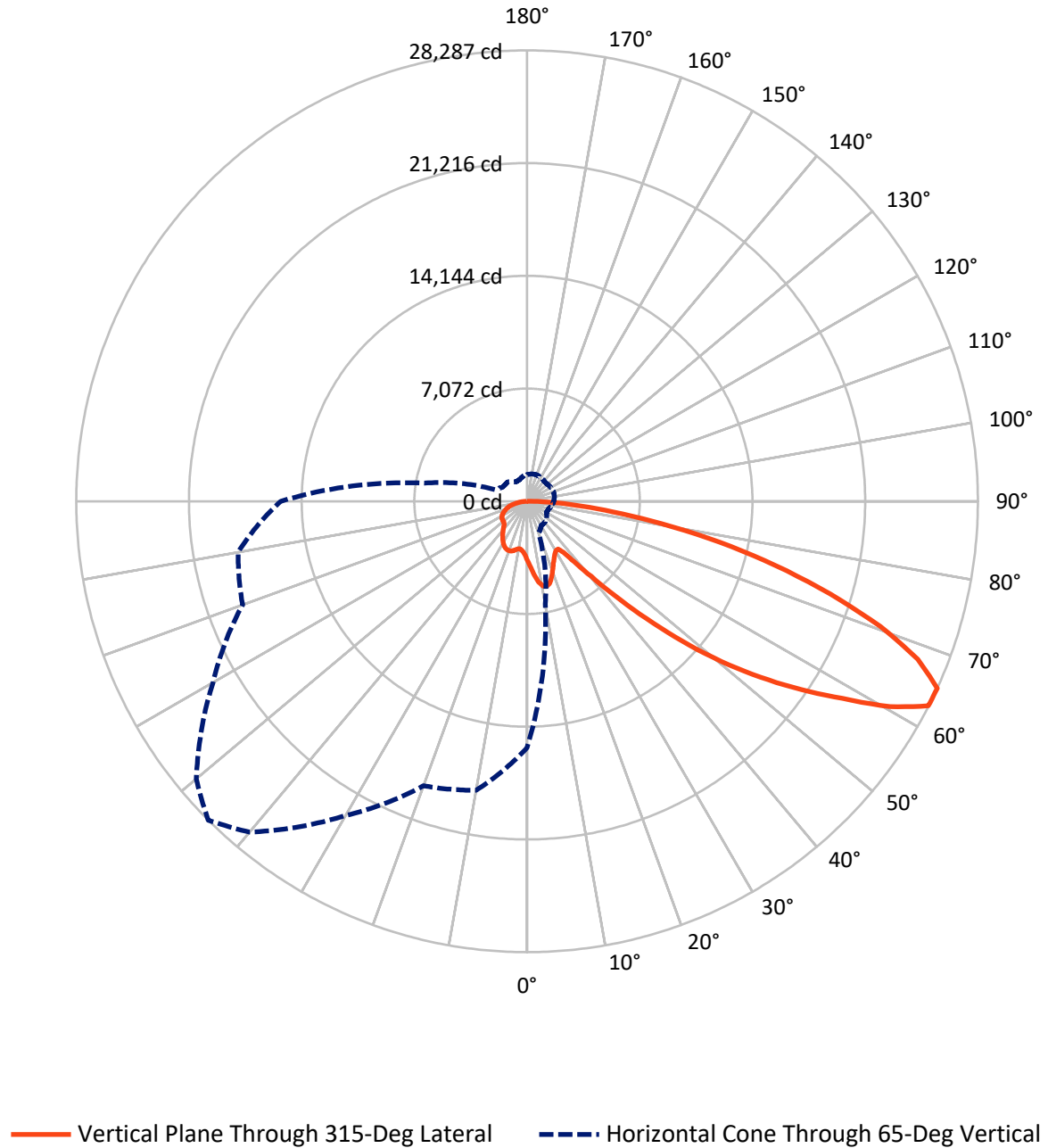
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.4 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	6888.5	0.0	6888.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	20215.5	0.0	20215.5
	% Fixture	74.6	0.0	74.6
Total	Lumens	27104.0	0.0	27104.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	369.7	1.4
10°-20°	1160.6	4.3
20°-30°	1792.8	6.6
30°-40°	2271.9	8.4
40°-50°	3426.6	12.6
50°-60°	5536.1	20.4
60°-70°	6901.7	25.5
70°-80°	4525.8	16.7
80°-90°	1118.9	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°	27104.0	100.0
0°-180°	27104.0	100.0



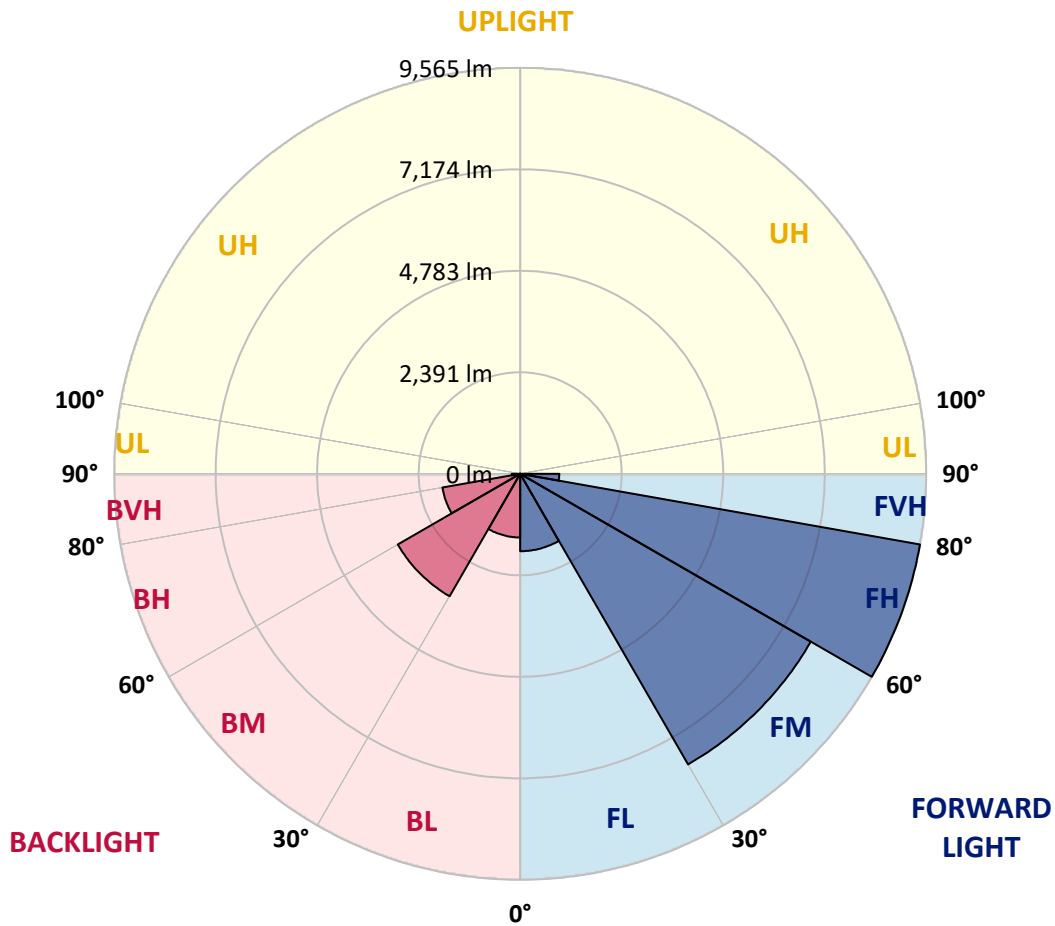
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1823.1	6.7			
FM (30°-60°)	7905.6	29.2			
FH (60°-80°)	9565.1	35.3			G4/12000
FVH (80°-90°)	921.7	3.4			G5
BL (0°-30°)	1500.0	5.5	B3/2500		
BM (30°-60°)	3328.9	12.3	B3/5000		
BH (60°-80°)	1862.3	6.9	B3/2500		G3/2500
BVH (80°-90°)	197.2	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°	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0
2.5°	4008.1	3977.3	3946.6	3913.8	3881.2	3848.3	3815.4	3784.0	3752.5	3722.0
5°	4309.8	4241.9	4174.0	4106.2	4038.5	3970.3	3902.2	3838.6	3774.9	3714.9
7.5°	4613.0	4500.9	4388.9	4285.4	4181.8	4081.0	3980.2	3891.4	3802.5	3720.6
10°	4845.4	4703.7	4562.0	4425.1	4288.4	4166.0	4043.4	3938.4	3833.2	3732.0
12.5°	4987.7	4832.0	4676.4	4521.4	4366.3	4221.9	4077.4	3958.6	3839.7	3733.5
15°	5074.3	4911.9	4749.6	4581.4	4413.2	4246.9	4080.6	3943.0	3805.4	3687.7
17.5°	5122.9	4958.3	4793.7	4610.2	4426.7	4233.6	4040.5	3875.1	3709.6	3571.1
20°	5176.5	5005.5	4834.3	4632.6	4431.0	4197.0	3963.0	3757.9	3552.8	3391.7
22.5°	5238.7	5064.0	4889.0	4662.9	4436.7	4152.1	3867.5	3620.5	3373.5	3190.0
25°	5318.8	5147.5	4976.3	4717.9	4459.3	4107.7	3756.4	3467.0	3177.8	2989.8
27.5°	5427.5	5264.2	5100.7	4803.7	4506.5	4078.1	3649.8	3326.7	3003.7	2832.5
30°	5574.1	5416.2	5258.5	4914.8	4571.1	4064.3	3557.1	3209.5	2861.8	2718.0
32.5°	5747.2	5590.8	5434.7	5030.8	4626.9	4047.1	3467.0	3108.3	2749.5	2633.7
35°	5957.4	5807.8	5658.1	5162.9	4667.8	4014.8	3362.1	3008.9	2655.8	2559.3
37.5°	6311.4	6120.6	5929.8	5311.0	4692.1	3959.4	3226.8	2892.0	2557.2	2472.8
40°	6846.2	6568.2	6290.2	5498.9	4707.4	3883.2	3059.1	2752.4	2445.6	2369.1
42.5°	7555.6	7154.3	6753.0	5744.7	4736.5	3804.5	2872.9	2598.3	2323.7	2253.2
45°	8431.6	7890.3	7348.9	6068.2	4787.5	3731.5	2675.6	2434.7	2193.9	2122.4
47.5°	9527.1	8765.3	8003.3	6412.9	4822.5	3671.1	2519.7	2305.3	2090.9	1998.7
50°	10963.0	9814.4	8665.7	6732.7	4799.7	3605.3	2411.0	2219.3	2027.7	1906.4
52.5°	12611.3	10916.5	9221.8	6940.3	4658.8	3494.2	2329.8	2162.7	1995.8	1856.4
55°	14366.1	11893.6	9421.3	6894.6	4367.8	3310.0	2252.2	2121.7	1991.1	1861.4
57.5°	15962.2	12586.1	9210.0	6572.5	3935.1	3050.3	2165.3	2073.0	1980.8	1866.4
60°	16926.8	12759.2	8591.3	5973.1	3354.9	2713.0	2071.2	1998.7	1926.2	1850.6
62.5°	16437.0	12030.5	7624.0	5162.6	2701.3	2309.4	1917.6	1869.4	1821.3	1812.0
65°	15456.6	10999.5	6542.3	4335.7	2129.2	1946.3	1763.4	1740.7	1717.9	1719.1
67.5°	14143.0	9772.5	5402.1	3525.7	1649.3	1597.4	1545.3	1558.0	1570.6	1567.5
70°	12564.8	8433.7	4302.7	2776.0	1249.3	1264.1	1278.9	1337.8	1396.6	1396.6
72.5°	10684.1	6982.4	3280.8	2122.2	963.7	1008.4	1053.3	1136.8	1220.2	1234.2
75°	8305.0	5318.7	2332.3	1540.3	748.3	788.9	829.5	923.0	1016.6	1081.2
77.5°	5933.8	3722.6	1511.4	1043.7	576.1	603.7	631.4	722.2	813.1	919.6
80°	3883.6	2398.4	913.2	672.5	431.9	443.4	454.8	531.7	608.5	735.8
82.5°	2257.5	1388.1	518.9	413.6	308.6	310.6	312.9	369.6	426.2	534.9
85°	993.3	624.4	255.7	221.1	186.6	185.6	184.5	226.0	267.4	348.2
87.5°	307.5	204.5	101.5	91.7	81.8	80.8	79.8	96.7	113.7	147.3
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°
3727.0	0°	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0
3688.1	2.5°	3660.7	3633.4	3608.6	3584.0	3562.4	3540.8	3519.1	3497.5	3480.8	3463.9
3655.5	5°	3603.8	3551.8	3508.4	3465.0	3426.7	3388.4	3353.6	3318.7	3292.0	3265.1
3643.8	7.5°	3574.9	3506.1	3448.9	3391.7	3343.5	3295.1	3252.5	3210.0	3178.1	3146.4
3649.5	10°	3576.9	3504.2	3447.0	3389.8	3337.9	3285.8	3237.9	3190.0	3152.0	3113.8
3656.7	12.5°	3597.2	3538.0	3499.9	3462.2	3421.3	3380.6	3331.0	3281.5	3232.9	3184.3
3626.2	15°	3597.7	3569.4	3574.6	3579.7	3569.1	3558.6	3515.5	3472.5	3403.2	3334.0
3533.2	17.5°	3543.7	3554.0	3616.3	3678.7	3711.9	3744.9	3710.2	3675.5	3583.9	3492.2
3381.6	20°	3430.3	3478.9	3587.2	3695.6	3764.9	3834.3	3818.3	3802.1	3697.3	3592.6
3209.6	22.5°	3281.5	3353.5	3477.0	3600.9	3691.1	3781.4	3791.1	3800.7	3700.6	3600.5
3042.7	25°	3125.6	3208.6	3319.7	3431.0	3519.8	3608.6	3641.8	3674.8	3592.7	3510.8
2896.8	27.5°	2976.9	3057.0	3148.4	3239.6	3310.9	3382.1	3419.0	3456.0	3397.5	3339.2
2768.5	30°	2832.0	2895.8	2971.6	3047.4	3106.5	3165.7	3195.7	3225.8	3181.3	3136.7
2656.1	32.5°	2693.7	2731.3	2791.8	2852.5	2909.1	2965.9	2999.2	3032.7	2991.8	2950.7
2550.0	35°	2560.3	2570.7	2616.9	2663.0	2719.0	2775.3	2815.3	2855.3	2826.2	2797.1
2438.7	37.5°	2427.3	2415.8	2449.0	2482.1	2538.0	2594.0	2643.5	2693.0	2679.6	2666.1
2316.9	40°	2291.0	2265.1	2289.0	2312.9	2366.9	2421.0	2477.9	2535.0	2538.3	2541.4
2187.5	42.5°	2153.1	2118.8	2138.3	2157.8	2209.0	2260.4	2321.9	2383.4	2399.8	2416.3
2058.7	45°	2025.3	1991.9	2008.3	2024.8	2073.5	2122.1	2185.9	2249.7	2273.3	2296.9
1943.9	47.5°	1915.9	1887.8	1903.3	1918.6	1966.2	2013.7	2076.6	2139.5	2166.7	2193.9
1842.8	50°	1817.9	1793.2	1817.2	1841.3	1886.3	1931.0	1987.4	2043.7	2078.6	2113.5
1767.4	52.5°	1742.8	1718.4	1754.5	1790.6	1831.8	1872.8	1925.3	1977.9	2019.3	2060.6
1727.4	55°	1688.5	1649.7	1701.0	1752.2	1796.6	1840.9	1887.0	1932.9	1976.6	2020.5
1703.3	57.5°	1646.7	1590.1	1645.3	1700.5	1752.5	1804.6	1850.1	1895.7	1939.9	1983.9
1680.7	60°	1607.4	1533.9	1582.3	1630.7	1690.5	1750.2	1796.4	1842.8	1887.1	1931.4
1654.4	62.5°	1562.6	1470.9	1501.7	1532.4	1602.1	1671.9	1721.2	1770.6	1811.2	1851.8
1598.9	65°	1501.4	1403.7	1415.6	1427.3	1502.0	1576.8	1624.0	1671.2	1706.9	1742.7
1500.0	67.5°	1418.7	1337.5	1333.8	1330.1	1399.0	1468.1	1512.8	1557.5	1588.4	1619.2
1374.4	70°	1316.6	1258.8	1246.0	1233.1	1293.7	1354.4	1393.0	1431.6	1459.5	1487.4
1234.5	72.5°	1194.9	1155.3	1136.4	1117.7	1165.4	1213.1	1248.0	1282.9	1310.2	1337.5
1075.8	75°	1045.3	1014.7	996.7	978.5	1014.0	1049.5	1081.1	1112.7	1137.6	1162.4
916.7	77.5°	892.3	867.8	849.5	831.2	860.1	888.9	916.0	943.2	969.4	995.4
735.4	80°	714.9	694.3	679.0	663.6	687.6	711.5	734.4	757.3	777.2	796.9
540.9	82.5°	530.9	520.9	510.0	499.1	497.1	495.1	487.1	479.1	521.4	563.8
356.1	85°	345.4	334.7	322.5	310.3	300.1	289.6	267.4	245.3	284.9	324.6
157.3	87.5°	153.0	148.7	146.4	144.2	143.7	143.3	126.4	109.4	126.0	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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
3727.0	0°	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0
3450.3	2.5°	3436.7	3426.1	3415.5	3405.8	3395.9	3383.8	3395.9	3405.8	3415.5	3426.1
3246.4	5°	3227.6	3214.3	3201.0	3190.9	3180.7	3170.7	3180.7	3190.9	3201.0	3214.3
3124.1	7.5°	3101.8	3086.5	3071.3	3062.1	3053.1	3046.3	3053.1	3062.1	3071.3	3086.5
3088.9	10°	3063.7	3049.3	3034.8	3027.1	3019.4	3016.2	3019.4	3027.1	3034.8	3049.3
3152.1	12.5°	3119.9	3103.8	3087.7	3081.2	3074.6	3073.4	3074.6	3081.2	3087.7	3103.8
3285.1	15°	3236.2	3213.7	3191.4	3182.9	3174.3	3173.6	3174.3	3182.9	3191.4	3213.7
3420.1	17.5°	3348.0	3314.9	3281.5	3270.7	3259.7	3257.9	3259.7	3270.7	3281.5	3314.9
3504.2	20°	3416.0	3373.5	3330.9	3317.3	3303.7	3299.4	3303.7	3317.3	3330.9	3373.5
3509.5	22.5°	3418.4	3373.6	3328.7	3313.7	3298.7	3292.3	3298.7	3313.7	3328.7	3373.6
3429.8	25°	3349.2	3310.3	3271.5	3257.4	3243.3	3235.1	3243.3	3257.4	3271.5	3310.3
3276.4	27.5°	3213.6	3187.6	3161.4	3155.0	3148.5	3146.4	3148.5	3155.0	3161.4	3187.6
3091.8	30°	3046.6	3033.3	3019.8	3019.8	3019.8	3022.0	3019.8	3019.8	3019.8	3033.3
2914.8	32.5°	2878.9	2870.2	2861.5	2862.6	2863.9	2866.1	2863.9	2862.6	2861.5	2870.2
2764.0	35°	2730.9	2717.6	2704.5	2701.6	2698.7	2697.3	2698.7	2701.6	2704.5	2717.6
2635.7	37.5°	2605.1	2580.9	2556.9	2544.1	2531.4	2524.3	2531.4	2544.1	2556.9	2580.9
2515.5	40°	2489.6	2454.5	2419.6	2395.8	2372.4	2358.4	2372.4	2395.8	2419.6	2454.5
2394.4	42.5°	2372.7	2329.0	2285.4	2251.0	2216.5	2193.9	2216.5	2251.0	2285.4	2329.0
2277.1	45°	2257.5	2207.6	2157.8	2117.4	2076.9	2050.9	2076.9	2117.4	2157.8	2207.6
2180.2	47.5°	2166.4	2122.1	2077.8	2040.3	2003.0	1977.9	2003.0	2040.3	2077.8	2122.1
2112.7	50°	2112.1	2076.6	2041.1	2006.5	1971.9	1947.9	1971.9	2006.5	2041.1	2076.6
2068.0	52.5°	2075.5	2046.6	2017.7	1986.7	1955.8	1933.6	1955.8	1986.7	2017.7	2046.6
2030.8	55°	2041.1	2016.0	1990.8	1963.6	1936.5	1916.4	1936.5	1963.6	1990.8	2016.0
1994.4	57.5°	2004.8	1979.4	1953.9	1927.0	1900.0	1879.2	1900.0	1927.0	1953.9	1979.4
1942.9	60°	1954.3	1929.4	1904.7	1877.0	1849.2	1827.8	1849.2	1877.0	1904.7	1929.4
1862.8	62.5°	1873.8	1851.4	1828.9	1799.7	1770.6	1744.8	1770.6	1799.7	1828.9	1851.4
1754.0	65°	1765.1	1743.5	1721.9	1693.6	1665.4	1643.3	1665.4	1693.6	1721.9	1743.5
1630.3	67.5°	1641.1	1621.2	1601.5	1575.2	1548.9	1528.9	1548.9	1575.2	1601.5	1621.2
1498.0	70°	1508.5	1492.4	1476.2	1451.1	1425.9	1403.0	1425.9	1451.1	1476.2	1492.4
1350.1	72.5°	1362.7	1349.2	1335.8	1311.8	1287.9	1265.7	1287.9	1311.8	1335.8	1349.2
1175.6	75°	1188.8	1182.2	1175.6	1155.4	1135.3	1114.1	1135.3	1155.4	1175.6	1182.2
1007.7	77.5°	1020.0	1010.8	1001.4	981.1	960.8	943.9	960.8	981.1	1001.4	1010.8
813.2	80°	829.5	825.5	821.6	794.3	766.9	735.1	766.9	794.3	821.6	825.5
591.5	82.5°	619.3	617.5	615.7	592.7	569.5	549.2	569.5	592.7	615.7	617.5
359.0	85°	393.3	390.4	387.6	369.6	351.5	333.2	351.5	369.6	387.6	390.4
156.6	87.5°	170.5	167.0	163.3	154.2	144.7	135.9	144.7	154.2	163.3	167.0
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°
3727.0	0°	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0
3436.7	2.5°	3450.3	3463.9	3480.8	3497.5	3519.1	3540.8	3562.4	3584.0	3608.6	3633.4
3227.6	5°	3246.4	3265.1	3292.0	3318.7	3353.6	3388.4	3426.7	3465.0	3508.4	3551.8
3101.8	7.5°	3124.1	3146.4	3178.1	3210.0	3252.5	3295.1	3343.5	3391.7	3448.9	3506.1
3063.7	10°	3088.9	3113.8	3152.0	3190.0	3237.9	3285.8	3337.9	3389.8	3447.0	3504.2
3119.9	12.5°	3152.1	3184.3	3232.9	3281.5	3331.0	3380.6	3421.3	3462.2	3499.9	3538.0
3236.2	15°	3285.1	3334.0	3403.2	3472.5	3515.5	3558.6	3569.1	3579.7	3574.6	3569.4
3348.0	17.5°	3420.1	3492.2	3583.9	3675.5	3710.2	3744.9	3711.9	3678.7	3616.3	3554.0
3416.0	20°	3504.2	3592.6	3697.3	3802.1	3818.3	3834.3	3764.9	3695.6	3587.2	3478.9
3418.4	22.5°	3509.5	3600.5	3700.6	3800.7	3791.1	3781.4	3691.1	3600.9	3477.0	3353.5
3349.2	25°	3429.8	3510.8	3592.7	3674.8	3641.8	3608.6	3519.8	3431.0	3319.7	3208.6
3213.6	27.5°	3276.4	3339.2	3397.5	3456.0	3419.0	3382.1	3310.9	3239.6	3148.4	3057.0
3046.6	30°	3091.8	3136.7	3181.3	3225.8	3195.7	3165.7	3106.5	3047.4	2971.6	2895.8
2878.9	32.5°	2914.8	2950.7	2991.8	3032.7	2999.2	2965.9	2909.1	2852.5	2791.8	2731.3
2730.9	35°	2764.0	2797.1	2826.2	2855.3	2815.3	2775.3	2719.0	2663.0	2616.9	2570.7
2605.1	37.5°	2635.7	2666.1	2679.6	2693.0	2643.5	2594.0	2538.0	2482.1	2449.0	2415.8
2489.6	40°	2515.5	2541.4	2538.3	2535.0	2477.9	2421.0	2366.9	2312.9	2289.0	2265.1
2372.7	42.5°	2394.4	2416.3	2399.8	2383.4	2321.9	2260.4	2209.0	2157.8	2138.3	2118.8
2257.5	45°	2277.1	2296.9	2273.3	2249.7	2185.9	2122.1	2073.5	2024.8	2008.3	1991.9
2166.4	47.5°	2180.2	2193.9	2166.7	2139.5	2076.6	2013.7	1966.2	1918.6	1903.3	1887.8
2112.1	50°	2112.7	2113.5	2078.6	2043.7	1987.4	1931.0	1886.3	1841.3	1817.2	1793.2
2075.5	52.5°	2068.0	2060.6	2019.3	1977.9	1925.3	1872.8	1831.8	1790.6	1754.5	1718.4
2041.1	55°	2030.8	2020.5	1976.6	1932.9	1887.0	1840.9	1796.6	1752.2	1701.0	1649.7
2004.8	57.5°	1994.4	1983.9	1939.9	1895.7	1850.1	1804.6	1752.5	1700.5	1645.3	1590.1
1954.3	60°	1942.9	1931.4	1887.1	1842.8	1796.4	1750.2	1690.5	1630.7	1582.3	1533.9
1873.8	62.5°	1862.8	1851.8	1811.2	1770.6	1721.2	1671.9	1602.1	1532.4	1501.7	1470.9
1765.1	65°	1754.0	1742.7	1706.9	1671.2	1624.0	1576.8	1502.0	1427.3	1415.6	1403.7
1641.1	67.5°	1630.3	1619.2	1588.4	1557.5	1512.8	1468.1	1399.0	1330.1	1333.8	1337.5
1508.5	70°	1498.0	1487.4	1459.5	1431.6	1393.0	1354.4	1293.7	1233.1	1246.0	1258.8
1362.7	72.5°	1350.1	1337.5	1310.2	1282.9	1248.0	1213.1	1165.4	1117.7	1136.4	1155.3
1188.8	75°	1175.6	1162.4	1137.6	1112.7	1081.1	1049.5	1014.0	978.5	996.7	1014.7
1020.0	77.5°	1007.7	995.4	969.4	943.2	916.0	888.9	860.1	831.2	849.5	867.8
829.5	80°	813.2	796.9	777.2	757.3	734.4	711.5	687.6	663.6	679.0	694.3
619.3	82.5°	591.5	563.8	521.4	479.1	487.1	495.1	497.1	499.1	510.0	520.9
393.3	85°	359.0	324.6	284.9	245.3	267.4	289.6	300.1	310.3	322.5	334.7
170.5	87.5°	156.6	142.7	126.0	109.4	126.4	143.3	143.7	144.2	146.4	148.7
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°
3727.0	0°	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0
3660.7	2.5°	3688.1	3722.0	3752.5	3784.0	3815.4	3848.3	3881.2	3913.8	3946.6	3977.3
3603.8	5°	3655.5	3714.9	3774.9	3838.6	3902.2	3970.3	4038.5	4106.2	4174.0	4241.9
3574.9	7.5°	3643.8	3720.6	3802.5	3891.4	3980.2	4081.0	4181.8	4285.4	4388.9	4500.9
3576.9	10°	3649.5	3732.0	3833.2	3938.4	4043.4	4166.0	4288.4	4425.1	4562.0	4703.7
3597.2	12.5°	3656.7	3733.5	3839.7	3958.6	4077.4	4221.9	4366.3	4521.4	4676.4	4832.0
3597.7	15°	3626.2	3687.7	3805.4	3943.0	4080.6	4246.9	4413.2	4581.4	4749.6	4911.9
3543.7	17.5°	3533.2	3571.1	3709.6	3875.1	4040.5	4233.6	4426.7	4610.2	4793.7	4958.3
3430.3	20°	3381.6	3391.7	3552.8	3757.9	3963.0	4197.0	4431.0	4632.6	4834.3	5005.5
3281.5	22.5°	3209.6	3190.0	3373.5	3620.5	3867.5	4152.1	4436.7	4662.9	4889.0	5064.0
3125.6	25°	3042.7	2989.8	3177.8	3467.0	3756.4	4107.7	4459.3	4717.9	4976.3	5147.5
2976.9	27.5°	2896.8	2832.5	3003.7	3326.7	3649.8	4078.1	4506.5	4803.7	5100.7	5264.2
2832.0	30°	2768.5	2718.0	2861.8	3209.5	3557.1	4064.3	4571.1	4914.8	5258.5	5416.2
2693.7	32.5°	2656.1	2633.7	2749.5	3108.3	3467.0	4047.1	4626.9	5030.8	5434.7	5590.8
2560.3	35°	2550.0	2559.3	2655.8	3008.9	3362.1	4014.8	4667.8	5162.9	5658.1	5807.8
2427.3	37.5°	2438.7	2472.8	2557.2	2892.0	3226.8	3959.4	4692.1	5311.0	5929.8	6120.6
2291.0	40°	2316.9	2369.1	2445.6	2752.4	3059.1	3883.2	4707.4	5498.9	6290.2	6568.2
2153.1	42.5°	2187.5	2253.2	2323.7	2598.3	2872.9	3804.5	4736.5	5744.7	6753.0	7154.3
2025.3	45°	2058.7	2122.4	2193.9	2434.7	2675.6	3731.5	4787.5	6068.2	7348.9	7890.3
1915.9	47.5°	1943.9	1998.7	2090.9	2305.3	2519.7	3671.1	4822.5	6412.9	8003.3	8765.3
1817.9	50°	1842.8	1906.4	2027.7	2219.3	2411.0	3605.3	4799.7	6732.7	8665.7	9814.4
1742.8	52.5°	1767.4	1856.4	1995.8	2162.7	2329.8	3494.2	4658.8	6940.3	9221.8	10916.5
1688.5	55°	1727.4	1861.4	1991.1	2121.7	2252.2	3310.0	4367.8	6894.6	9421.3	11893.6
1646.7	57.5°	1703.3	1866.4	1980.8	2073.0	2165.3	3050.3	3935.1	6572.5	9210.0	12586.1
1607.4	60°	1680.7	1850.6	1926.2	1998.7	2071.2	2713.0	3354.9	5973.1	8591.3	12759.2
1562.6	62.5°	1654.4	1812.0	1821.3	1869.4	1917.6	2309.4	2701.3	5162.6	7624.0	12030.5
1501.4	65°	1598.9	1719.1	1717.9	1740.7	1763.4	1946.3	2129.2	4335.7	6542.3	10999.5
1418.7	67.5°	1500.0	1567.5	1570.6	1558.0	1545.3	1597.4	1649.3	3525.7	5402.1	9772.5
1316.6	70°	1374.4	1396.6	1396.6	1337.8	1278.9	1264.1	1249.3	2776.0	4302.7	8433.7
1194.9	72.5°	1234.5	1234.2	1220.2	1136.8	1053.3	1008.4	963.7	2122.2	3280.8	6982.4
1045.3	75°	1075.8	1081.2	1016.6	923.0	829.5	788.9	748.3	1540.3	2332.3	5318.7
892.3	77.5°	916.7	919.6	813.1	722.2	631.4	603.7	576.1	1043.7	1511.4	3722.6
714.9	80°	735.4	735.8	608.5	531.7	454.8	443.4	431.9	672.5	913.2	2398.4
530.9	82.5°	540.9	534.9	426.2	369.6	312.9	310.6	308.6	413.6	518.9	1388.1
345.4	85°	356.1	348.2	267.4	226.0	184.5	185.6	186.6	221.1	255.7	624.4
153.0	87.5°	157.3	147.3	113.7	96.7	79.8	80.8	81.8	91.7	101.5	204.5
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
3727.0	0°	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0
4008.1	2.5°	4023.2	4038.5	4060.1	4081.7	4094.6	4107.5	4113.9	4120.3	4117.5	4120.3
4309.8	5°	4362.9	4416.1	4468.7	4521.5	4550.1	4578.7	4596.0	4613.5	4626.6	4613.5
4613.0	7.5°	4699.4	4785.6	4863.3	4941.0	4987.7	5034.5	5059.8	5085.0	5097.1	5085.0
4845.4	10°	4947.5	5049.7	5140.8	5231.9	5287.1	5342.0	5366.6	5391.0	5400.3	5391.0
4987.7	12.5°	5098.4	5209.0	5291.4	5373.4	5413.5	5453.5	5467.0	5480.4	5481.9	5480.4
5074.3	15°	5169.8	5265.2	5316.8	5368.6	5370.0	5371.4	5357.1	5342.8	5326.0	5342.8
5122.9	17.5°	5187.4	5251.9	5252.9	5253.7	5195.8	5137.9	5084.8	5031.6	4994.2	5031.6
5176.5	20°	5199.0	5221.6	5153.6	5085.7	4957.8	4830.0	4736.9	4643.8	4586.6	4643.8
5238.7	22.5°	5209.3	5179.8	5039.1	4898.3	4710.3	4522.2	4405.8	4289.4	4226.2	4289.4
5318.8	25°	5225.9	5132.9	4919.2	4705.6	4477.2	4248.8	4126.3	4004.2	3944.4	4004.2
5427.5	27.5°	5261.3	5095.0	4812.0	4529.1	4275.9	4022.8	3902.4	3782.1	3725.6	3782.1
5574.1	30°	5326.3	5078.5	4730.2	4381.8	4118.0	3854.3	3742.6	3630.9	3578.3	3630.9
5747.2	32.5°	5407.8	5068.5	4674.4	4280.2	4032.4	3784.5	3696.9	3609.0	3571.1	3609.0
5957.4	35°	5542.1	5126.9	4716.1	4305.5	4133.3	3961.3	3940.8	3920.4	3917.2	3920.4
6311.4	37.5°	5822.8	5334.3	4961.0	4587.7	4576.6	4565.4	4658.9	4752.5	4801.1	4752.5
6846.2	40°	6314.9	5783.6	5506.0	5228.4	5424.4	5620.3	5847.7	6075.1	6188.4	6075.1
7555.6	42.5°	7028.4	6501.3	6341.4	6181.5	6608.8	7036.2	7449.8	7863.4	8106.2	7863.4
8431.6	45°	7958.1	7484.4	7413.9	7343.2	8027.9	8712.6	9392.2	10072.0	10484.6	10072.0
9527.1	47.5°	9066.4	8605.6	8591.3	8577.0	9564.7	10552.1	11547.1	12541.9	13126.1	12541.9
10963.0	50°	10393.9	9825.0	9827.4	9829.9	11102.7	12375.6	13688.9	15002.2	15796.3	15002.2
12611.3	52.5°	11922.2	11233.3	11163.7	11093.9	12614.3	14134.7	15759.7	17384.5	18336.3	17384.5
14366.1	55°	13685.3	13004.6	12733.0	12461.4	14153.6	15845.6	17782.8	19720.0	20851.9	19720.0
15962.2	57.5°	15591.5	15220.6	14675.9	14131.3	15839.9	17548.5	19742.7	21936.7	23340.4	21936.7
16926.8	60°	17502.6	18078.5	17402.1	16725.6	18342.6	19959.5	22308.7	24657.9	26175.0	24657.9
16437.0	62.5°	18010.3	19583.7	19507.4	19431.1	20912.3	22393.7	24628.7	26863.7	28266.0	26863.7
15456.6	65°	16933.3	18409.9	18702.1	18994.1	20876.5	22759.1	24926.4	27093.5	28287.4	27093.5
14143.0	67.5°	15547.4	16951.9	17088.9	17225.7	19187.1	21148.3	23324.9	25501.4	26436.8	25501.4
12564.8	70°	14092.4	15620.1	15681.3	15742.6	17496.6	19250.4	21123.5	22996.5	23516.4	22996.5
10684.1	72.5°	12437.1	14190.2	14234.2	14278.1	15650.4	17022.6	18425.5	19828.2	19880.8	19828.2
8305.0	75°	10119.3	11933.7	12096.6	12259.5	13327.1	14394.7	15382.2	16369.8	16105.2	16369.8
5933.8	77.5°	7627.4	9321.2	9554.3	9787.4	10599.0	11410.6	12111.0	12811.5	12356.7	12811.5
3883.6	80°	5308.5	6733.3	7023.0	7312.8	7925.7	8538.4	8906.3	9274.0	8542.4	9274.0
2257.5	82.5°	3231.6	4205.9	4529.5	4853.3	5275.2	5697.1	5850.6	6003.9	5428.9	6003.9
993.3	85°	1510.3	2027.3	2302.6	2577.9	2924.6	3271.1	3358.2	3445.3	2984.8	3445.3
307.5	87.5°	481.3	655.0	808.6	962.2	1135.6	1308.9	1316.3	1323.6	1111.2	1323.6
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°
3727.0	0°	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0	3727.0
4113.9	2.5°	4107.5	4094.6	4081.7	4060.1	4038.5	4023.2	4008.1
4596.0	5°	4578.7	4550.1	4521.5	4468.7	4416.1	4362.9	4309.8
5059.8	7.5°	5034.5	4987.7	4941.0	4863.3	4785.6	4699.4	4613.0
5366.6	10°	5342.0	5287.1	5231.9	5140.8	5049.7	4947.5	4845.4
5467.0	12.5°	5453.5	5413.5	5373.4	5291.4	5209.0	5098.4	4987.7
5357.1	15°	5371.4	5370.0	5368.6	5316.8	5265.2	5169.8	5074.3
5084.8	17.5°	5137.9	5195.8	5253.7	5252.9	5251.9	5187.4	5122.9
4736.9	20°	4830.0	4957.8	5085.7	5153.6	5221.6	5199.0	5176.5
4405.8	22.5°	4522.2	4710.3	4898.3	5039.1	5179.8	5209.3	5238.7
4126.3	25°	4248.8	4477.2	4705.6	4919.2	5132.9	5225.9	5318.8
3902.4	27.5°	4022.8	4275.9	4529.1	4812.0	5095.0	5261.3	5427.5
3742.6	30°	3854.3	4118.0	4381.8	4730.2	5078.5	5326.3	5574.1
3696.9	32.5°	3784.5	4032.4	4280.2	4674.4	5068.5	5407.8	5747.2
3940.8	35°	3961.3	4133.3	4305.5	4716.1	5126.9	5542.1	5957.4
4658.9	37.5°	4565.4	4576.6	4587.7	4961.0	5334.3	5822.8	6311.4
5847.7	40°	5620.3	5424.4	5228.4	5506.0	5783.6	6314.9	6846.2
7449.8	42.5°	7036.2	6608.8	6181.5	6341.4	6501.3	7028.4	7555.6
9392.2	45°	8712.6	8027.9	7343.2	7413.9	7484.4	7958.1	8431.6
11547.1	47.5°	10552.1	9564.7	8577.0	8591.3	8605.6	9066.4	9527.1
13688.9	50°	12375.6	11102.7	9829.9	9827.4	9825.0	10393.9	10963.0
15759.7	52.5°	14134.7	12614.3	11093.9	11163.7	11233.3	11922.2	12611.3
17782.8	55°	15845.6	14153.6	12461.4	12733.0	13004.6	13685.3	14366.1
19742.7	57.5°	17548.5	15839.9	14131.3	14675.9	15220.6	15591.5	15962.2
22308.7	60°	19959.5	18342.6	16725.6	17402.1	18078.5	17502.6	16926.8
24628.7	62.5°	22393.7	20912.3	19431.1	19507.4	19583.7	18010.3	16437.0
24926.4	65°	22759.1	20876.5	18994.1	18702.1	18409.9	16933.3	15456.6
23324.9	67.5°	21148.3	19187.1	17225.7	17088.9	16951.9	15547.4	14143.0
21123.5	70°	19250.4	17496.6	15742.6	15681.3	15620.1	14092.4	12564.8
18425.5	72.5°	17022.6	15650.4	14278.1	14234.2	14190.2	12437.1	10684.1
15382.2	75°	14394.7	13327.1	12259.5	12096.6	11933.7	10119.3	8305.0
12111.0	77.5°	11410.6	10599.0	9787.4	9554.3	9321.2	7627.4	5933.8
8906.3	80°	8538.4	7925.7	7312.8	7023.0	6733.3	5308.5	3883.6
5850.6	82.5°	5697.1	5275.2	4853.3	4529.5	4205.9	3231.6	2257.5
3358.2	85°	3271.1	2924.6	2577.9	2302.6	2027.3	1510.3	993.3
1316.3	87.5°	1308.9	1135.6	962.2	808.6	655.0	481.3	307.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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