

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: P965216

Luminaire Tested: **NVN-SB3D-827-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P965216
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: NVN-SB3D-827-U-SLR
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(3) 80 CRI, 2700K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27115.3 lumens
Efficiency: N/A
Efficacy: 124.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

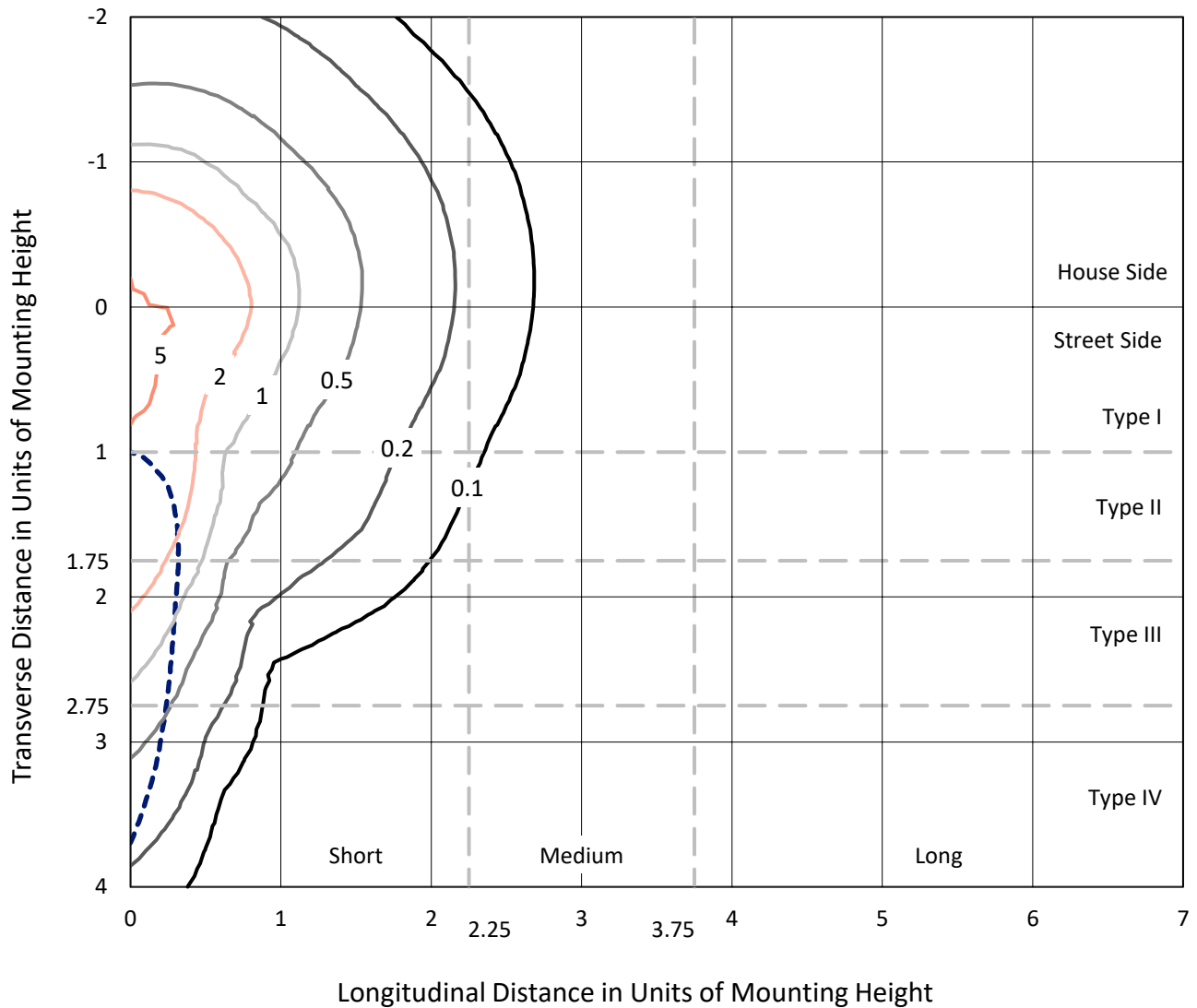
Input Watts (W): 218.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

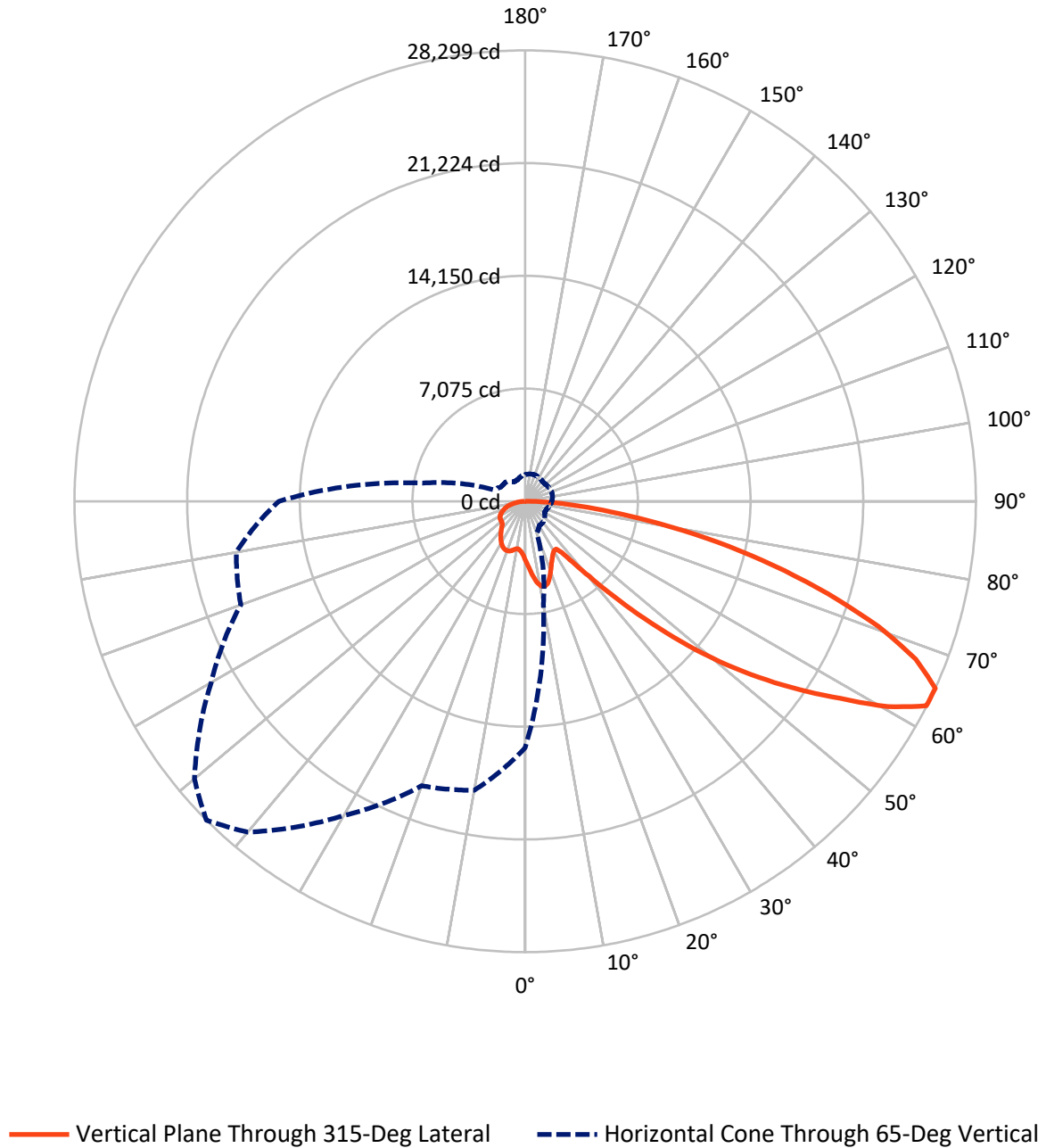
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.4 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	6891.4	0.0	6891.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	20224.0	0.0	20224.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	27115.3	0.0	27115.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	369.9	1.4
10°-20°	1161.1	4.3
20°-30°	1793.5	6.6
30°-40°	2272.8	8.4
40°-50°	3428.0	12.6
50°-60°	5538.4	20.4
60°-70°	6904.6	25.5
70°-80°	4527.7	16.7
80°-90°	1119.4	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°	27115.3	100.0
0°-180°	27115.3	100.0



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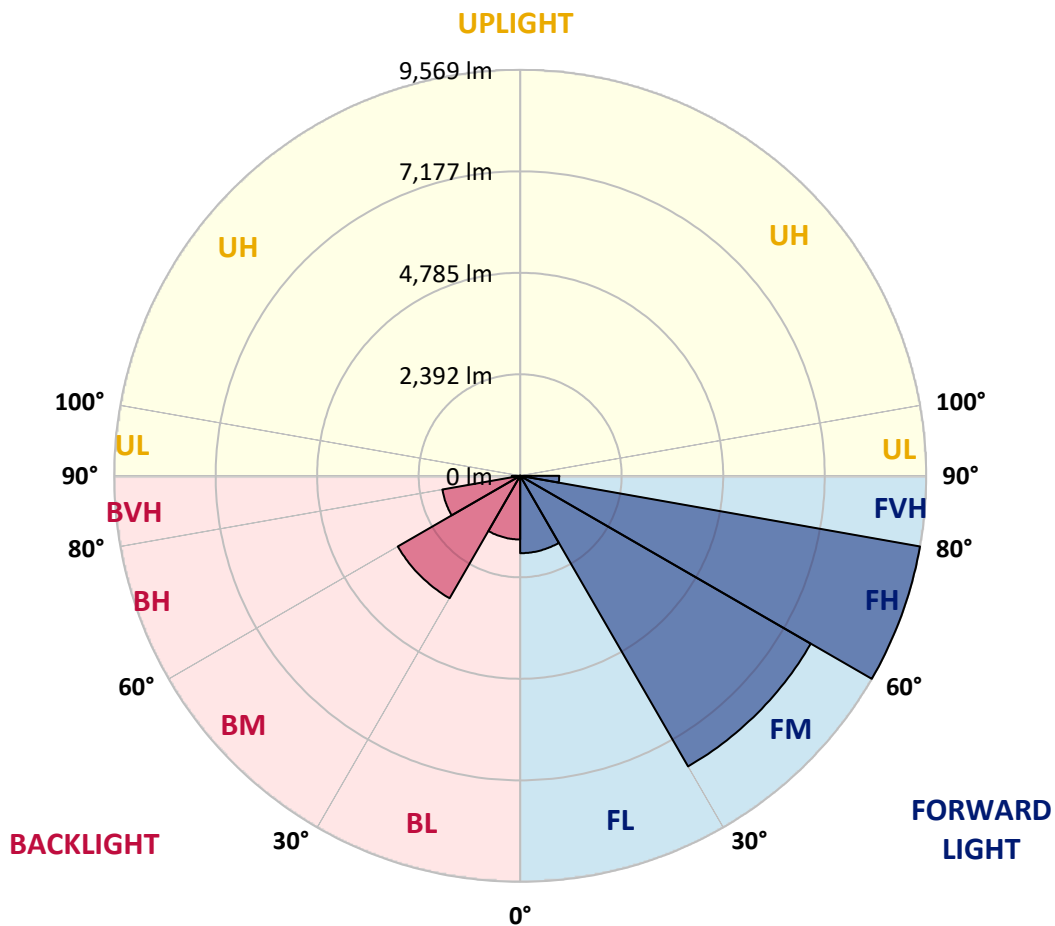
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1823.8	6.7			
FM (30°-60°)	7909.0	29.2			
FH (60°-80°)	9569.1	35.3			G4/12000
FVH (80°-90°)	922.1	3.4			G5
BL (0°-30°)	1500.7	5.5	B3/2500		
BM (30°-60°)	3330.3	12.3	B3/5000		
BH (60°-80°)	1863.1	6.9	B3/2500		G3/2500
BVH (80°-90°)	197.3	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°	50°
0°	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6
2.5°	4009.7	3978.9	3948.2	3915.5	3882.8	3849.9	3817.0	3785.5	3754.1	3723.6	3689.7
5°	4311.7	4243.7	4175.7	4107.9	4040.2	3972.0	3903.8	3840.2	3776.5	3716.4	3657.1
7.5°	4615.0	4502.8	4390.8	4287.2	4183.5	4082.7	3981.8	3893.0	3804.2	3722.2	3645.3
10°	4847.4	4705.7	4563.9	4427.0	4290.1	4167.6	4045.1	3940.1	3834.7	3733.6	3651.0
12.5°	4989.8	4834.0	4678.3	4523.2	4368.1	4223.6	4079.1	3960.2	3841.3	3735.0	3658.2
15°	5076.4	4914.0	4751.6	4583.3	4415.1	4248.7	4082.3	3944.6	3807.0	3689.3	3627.7
17.5°	5125.0	4960.4	4795.7	4612.1	4428.5	4235.4	4042.2	3876.7	3711.1	3572.6	3534.7
20°	5178.7	5007.5	4836.3	4634.5	4432.8	4198.7	3964.7	3759.5	3554.3	3393.1	3383.0
22.5°	5240.9	5066.1	4891.1	4664.9	4438.6	4153.8	3869.1	3622.0	3374.9	3191.3	3210.9
25°	5321.1	5149.6	4978.4	4719.8	4461.1	4109.4	3758.0	3468.5	3179.1	2991.1	3043.9
27.5°	5429.7	5266.3	5102.9	4805.7	4508.4	4079.8	3651.4	3328.1	3004.9	2833.6	2898.0
30°	5576.4	5418.5	5260.7	4916.8	4573.0	4066.0	3558.6	3210.8	2862.9	2719.2	2769.7
32.5°	5749.5	5593.2	5436.9	5032.9	4628.8	4048.7	3468.5	3109.6	2750.7	2634.8	2657.2
35°	5959.9	5810.2	5660.5	5165.1	4669.8	4016.5	3363.4	3010.2	2656.9	2560.3	2551.0
37.5°	6314.0	6123.1	5932.3	5313.2	4694.1	3961.1	3228.1	2893.2	2558.2	2473.8	2439.7
40°	6849.2	6571.0	6292.8	5501.2	4709.4	3884.9	3060.4	2753.6	2446.6	2370.1	2317.8
42.5°	7558.8	7157.3	6755.8	5747.2	4738.5	3806.1	2874.1	2599.4	2324.7	2254.2	2188.4
45°	8435.1	7893.5	7352.0	6070.8	4789.5	3733.0	2676.7	2435.7	2194.8	2123.3	2059.6
47.5°	9531.1	8768.9	8006.6	6415.6	4824.6	3672.7	2520.8	2306.2	2091.8	1999.5	1944.7
50°	10967.6	9818.6	8669.3	6735.5	4801.7	3606.9	2412.0	2220.3	2028.6	1907.2	1843.6
52.5°	12616.5	10921.1	9225.6	6943.2	4660.8	3495.7	2330.7	2163.6	1996.6	1857.1	1768.1
55°	14372.1	11898.6	9425.2	6897.4	4369.6	3311.4	2253.2	2122.6	1991.9	1862.1	1728.0
57.5°	15968.9	12591.4	9213.9	6575.3	3936.8	3051.5	2166.2	2073.9	1981.6	1867.1	1704.1
60°	16933.9	12764.5	8594.9	5975.6	3356.3	2714.2	2072.0	1999.5	1927.0	1851.5	1681.4
62.5°	16443.9	12035.6	7627.1	5164.8	2702.4	2310.5	1918.4	1870.1	1822.0	1812.8	1655.1
65°	15463.0	11004.1	6545.0	4337.5	2130.2	1947.1	1764.1	1741.4	1718.6	1719.7	1599.6
67.5°	14148.9	9776.7	5404.3	3527.1	1649.9	1598.1	1545.9	1558.7	1571.3	1568.1	1500.6
70°	12570.1	8437.3	4304.5	2777.1	1249.8	1264.6	1279.4	1338.3	1397.2	1397.2	1374.9
72.5°	10688.6	6985.3	3282.2	2123.1	964.0	1008.8	1053.8	1137.3	1220.8	1234.7	1235.0
75°	8308.5	5320.9	2333.3	1541.0	748.6	789.2	829.8	923.4	1017.0	1081.7	1076.2
77.5°	5936.3	3724.1	1512.1	1044.2	576.4	603.9	631.7	722.5	813.4	919.9	917.2
80°	3885.3	2399.4	913.6	672.7	432.1	443.5	455.0	532.0	608.7	736.2	735.7
82.5°	2258.5	1388.7	519.1	413.8	308.7	310.8	313.0	369.7	426.4	535.2	541.1
85°	993.6	624.6	255.8	221.2	186.8	185.7	184.6	226.0	267.5	348.4	356.3
87.5°	307.6	204.6	101.6	91.7	81.8	80.9	79.8	96.8	113.8	147.4	157.3
90°	0.0	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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6
2.5°	3662.2	3634.9	3610.2	3585.6	3563.9	3542.3	3520.6	3498.9	3482.2	3465.3	3451.8
5°	3605.2	3553.4	3509.8	3466.4	3428.1	3389.8	3355.0	3320.1	3293.3	3266.5	3247.7
7.5°	3576.3	3507.6	3450.4	3393.1	3344.9	3296.5	3253.9	3211.3	3179.4	3147.7	3125.4
10°	3578.4	3505.7	3448.4	3391.2	3339.2	3287.2	3239.3	3191.3	3153.3	3115.1	3090.2
12.5°	3598.7	3539.4	3501.4	3463.6	3422.7	3382.1	3332.4	3282.9	3234.3	3185.6	3153.4
15°	3599.3	3570.9	3576.1	3581.2	3570.6	3560.0	3517.0	3473.9	3404.6	3335.5	3286.5
17.5°	3545.2	3555.5	3617.8	3680.3	3713.5	3746.5	3711.7	3677.1	3585.3	3493.6	3421.6
20°	3431.7	3480.4	3588.6	3697.1	3766.5	3835.9	3819.9	3803.7	3698.8	3594.1	3505.7
22.5°	3282.9	3354.9	3478.5	3602.4	3692.7	3783.0	3792.7	3802.2	3702.1	3602.0	3510.9
25°	3127.0	3209.9	3321.1	3432.4	3521.3	3610.2	3643.4	3676.4	3594.3	3512.3	3431.3
27.5°	2978.1	3058.3	3149.7	3240.9	3312.3	3383.5	3420.4	3457.4	3398.9	3340.6	3277.7
30°	2833.2	2897.1	2972.9	3048.7	3107.8	3167.0	3197.1	3227.1	3182.6	3137.9	3093.0
32.5°	2694.8	2732.4	2793.0	2853.7	2910.4	2967.2	3000.5	3034.0	2993.0	2952.0	2916.0
35°	2561.4	2571.8	2618.1	2664.1	2720.1	2776.4	2816.5	2856.6	2827.4	2798.4	2765.1
37.5°	2428.3	2416.8	2450.1	2483.1	2539.0	2595.1	2644.6	2694.1	2680.7	2667.3	2636.8
40°	2292.0	2266.1	2290.0	2313.8	2368.0	2422.0	2479.0	2536.1	2539.3	2542.5	2516.6
42.5°	2154.0	2119.7	2139.2	2158.8	2210.0	2261.4	2322.9	2384.4	2400.9	2417.3	2395.4
45°	2026.1	1992.8	2009.1	2025.7	2074.3	2123.0	2186.8	2250.6	2274.2	2297.8	2278.1
47.5°	1916.6	1888.7	1904.0	1919.4	1967.1	2014.5	2077.5	2140.4	2167.7	2194.8	2181.1
50°	1818.7	1793.9	1817.9	1842.1	1887.0	1931.8	1988.2	2044.6	2079.5	2114.4	2113.5
52.5°	1743.5	1719.0	1755.3	1791.3	1832.5	1873.6	1926.1	1978.8	2020.1	2061.5	2068.9
55°	1689.2	1650.4	1701.8	1753.0	1797.3	1841.7	1887.7	1933.7	1977.4	2021.4	2031.7
57.5°	1647.4	1590.7	1645.9	1701.2	1753.3	1805.3	1850.8	1896.5	1940.7	1984.8	1995.2
60°	1608.0	1534.5	1583.0	1631.4	1691.1	1751.0	1797.2	1843.6	1887.9	1932.2	1943.7
62.5°	1563.2	1471.6	1502.3	1533.1	1602.8	1672.6	1721.9	1771.3	1811.9	1852.6	1863.6
65°	1502.0	1404.4	1416.1	1427.9	1502.5	1577.5	1624.6	1671.9	1707.6	1743.4	1754.7
67.5°	1419.3	1338.0	1334.3	1330.7	1399.5	1468.7	1513.5	1558.1	1589.1	1619.9	1631.0
70°	1317.1	1259.4	1246.5	1233.6	1294.3	1354.9	1393.6	1432.2	1460.1	1488.0	1498.6
72.5°	1195.5	1155.8	1136.9	1118.2	1165.9	1213.6	1248.4	1283.4	1310.8	1338.0	1350.6
75°	1045.7	1015.2	997.1	979.0	1014.4	1049.9	1081.5	1113.1	1138.1	1163.0	1176.1
77.5°	892.7	868.2	849.9	831.6	860.5	889.2	916.5	943.6	969.8	995.8	1008.1
80°	715.2	694.6	679.4	663.9	687.9	711.8	734.7	757.6	777.5	797.2	813.5
82.5°	531.1	521.1	510.2	499.4	497.3	495.4	487.3	479.3	521.6	564.1	591.7
85°	345.5	334.8	322.7	310.5	300.2	289.8	267.5	245.4	285.1	324.8	359.2
87.5°	153.1	148.8	146.5	144.2	143.8	143.4	126.5	109.5	126.1	142.8	156.6
90°	0.0	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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6
2.5°	3438.2	3427.6	3416.9	3407.2	3397.4	3385.2	3397.4	3407.2	3416.9	3427.6	3438.2
5°	3229.0	3215.6	3202.3	3192.2	3182.0	3172.1	3182.0	3192.2	3202.3	3215.6	3229.0
7.5°	3103.1	3087.7	3072.5	3063.4	3054.4	3047.5	3054.4	3063.4	3072.5	3087.7	3103.1
10°	3065.0	3050.5	3036.0	3028.4	3020.7	3017.5	3020.7	3028.4	3036.0	3050.5	3065.0
12.5°	3121.2	3105.0	3089.0	3082.5	3075.9	3074.7	3075.9	3082.5	3089.0	3105.0	3121.2
15°	3237.6	3215.1	3192.8	3184.2	3175.6	3174.8	3175.6	3184.2	3192.8	3215.1	3237.6
17.5°	3349.4	3316.3	3282.9	3272.0	3261.0	3259.3	3261.0	3272.0	3282.9	3316.3	3349.4
20°	3417.4	3374.9	3332.3	3318.6	3305.1	3300.8	3305.1	3318.6	3332.3	3374.9	3417.4
22.5°	3419.8	3375.0	3330.1	3315.1	3300.1	3293.6	3300.1	3315.1	3330.1	3375.0	3419.8
25°	3350.6	3311.7	3272.9	3258.7	3244.7	3236.4	3244.7	3258.7	3272.9	3311.7	3350.6
27.5°	3214.9	3188.9	3162.7	3156.3	3149.8	3147.7	3149.8	3156.3	3162.7	3188.9	3214.9
30°	3047.8	3034.5	3021.1	3021.1	3021.1	3023.2	3021.1	3021.1	3021.1	3034.5	3047.8
32.5°	2880.1	2871.4	2862.7	2863.8	2865.1	2867.2	2865.1	2863.8	2862.7	2871.4	2880.1
35°	2732.0	2718.7	2705.6	2702.7	2699.8	2698.4	2699.8	2702.7	2705.6	2718.7	2732.0
37.5°	2606.2	2582.0	2557.9	2545.2	2532.5	2525.3	2532.5	2545.2	2557.9	2582.0	2606.2
40°	2490.6	2455.5	2420.5	2396.9	2373.4	2359.3	2373.4	2396.9	2420.5	2455.5	2490.6
42.5°	2373.7	2330.0	2286.4	2251.9	2217.4	2194.8	2217.4	2251.9	2286.4	2330.0	2373.7
45°	2258.5	2208.6	2158.8	2118.3	2077.8	2051.7	2077.8	2118.3	2158.8	2208.6	2258.5
47.5°	2167.4	2123.0	2078.6	2041.2	2003.8	1978.8	2003.8	2041.2	2078.6	2123.0	2167.4
50°	2112.9	2077.5	2042.0	2007.4	1972.7	1948.7	1972.7	2007.4	2042.0	2077.5	2112.9
52.5°	2076.3	2047.4	2018.5	1987.5	1956.6	1934.4	1956.6	1987.5	2018.5	2047.4	2076.3
55°	2042.0	2016.8	1991.7	1964.4	1937.2	1917.3	1937.2	1964.4	1991.7	2016.8	2042.0
57.5°	2005.6	1980.2	1954.7	1927.8	1900.8	1880.1	1900.8	1927.8	1954.7	1980.2	2005.6
60°	1955.2	1930.3	1905.5	1877.7	1850.0	1828.5	1850.0	1877.7	1905.5	1930.3	1955.2
62.5°	1874.6	1852.2	1829.6	1800.5	1771.3	1745.6	1771.3	1800.5	1829.6	1852.2	1874.6
65°	1765.9	1744.2	1722.6	1694.3	1666.1	1644.0	1666.1	1694.3	1722.6	1744.2	1765.9
67.5°	1641.8	1622.0	1602.2	1575.8	1549.5	1529.5	1549.5	1575.8	1602.2	1622.0	1641.8
70°	1509.2	1493.0	1476.8	1451.7	1426.5	1403.6	1426.5	1451.7	1476.8	1493.0	1509.2
72.5°	1363.2	1349.8	1336.3	1312.3	1288.4	1266.3	1288.4	1312.3	1336.3	1349.8	1363.2
75°	1189.3	1182.6	1176.1	1155.9	1135.7	1114.6	1135.7	1155.9	1176.1	1182.6	1189.3
77.5°	1020.4	1011.3	1001.8	981.5	961.1	944.3	961.1	981.5	1001.8	1011.3	1020.4
80°	829.8	825.8	821.9	794.7	767.2	735.4	767.2	794.7	821.9	825.8	829.8
82.5°	619.5	617.8	615.9	593.0	569.7	549.4	569.7	593.0	615.9	617.8	619.5
85°	393.5	390.6	387.8	369.7	351.7	333.3	351.7	369.7	387.8	390.6	393.5
87.5°	170.6	167.1	163.4	154.3	144.8	135.9	144.8	154.3	163.4	167.1	170.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P965216
 CATALOG NUMBER: NVN-SB3D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6
2.5°	3451.8	3465.3	3482.2	3498.9	3520.6	3542.3	3563.9	3585.6	3610.2	3634.9	3662.2
5°	3247.7	3266.5	3293.3	3320.1	3355.0	3389.8	3428.1	3466.4	3509.8	3553.4	3605.2
7.5°	3125.4	3147.7	3179.4	3211.3	3253.9	3296.5	3344.9	3393.1	3450.4	3507.6	3576.3
10°	3090.2	3115.1	3153.3	3191.3	3239.3	3287.2	3339.2	3391.2	3448.4	3505.7	3578.4
12.5°	3153.4	3185.6	3234.3	3282.9	3332.4	3382.1	3422.7	3463.6	3501.4	3539.4	3598.7
15°	3286.5	3335.5	3404.6	3473.9	3517.0	3560.0	3570.6	3581.2	3576.1	3570.9	3599.3
17.5°	3421.6	3493.6	3585.3	3677.1	3711.7	3746.5	3713.5	3680.3	3617.8	3555.5	3545.2
20°	3505.7	3594.1	3698.8	3803.7	3819.9	3835.9	3766.5	3697.1	3588.6	3480.4	3431.7
22.5°	3510.9	3602.0	3702.1	3802.2	3792.7	3783.0	3692.7	3602.4	3478.5	3354.9	3282.9
25°	3431.3	3512.3	3594.3	3676.4	3643.4	3610.2	3521.3	3432.4	3321.1	3209.9	3127.0
27.5°	3277.7	3340.6	3398.9	3457.4	3420.4	3383.5	3312.3	3240.9	3149.7	3058.3	2978.1
30°	3093.0	3137.9	3182.6	3227.1	3197.1	3167.0	3107.8	3048.7	2972.9	2897.1	2833.2
32.5°	2916.0	2952.0	2993.0	3034.0	3000.5	2967.2	2910.4	2853.7	2793.0	2732.4	2694.8
35°	2765.1	2798.4	2827.4	2856.6	2816.5	2776.4	2720.1	2664.1	2618.1	2571.8	2561.4
37.5°	2636.8	2667.3	2680.7	2694.1	2644.6	2595.1	2539.0	2483.1	2450.1	2416.8	2428.3
40°	2516.6	2542.5	2539.3	2536.1	2479.0	2422.0	2368.0	2313.8	2290.0	2266.1	2292.0
42.5°	2395.4	2417.3	2400.9	2384.4	2322.9	2261.4	2210.0	2158.8	2139.2	2119.7	2154.0
45°	2278.1	2297.8	2274.2	2250.6	2186.8	2123.0	2074.3	2025.7	2009.1	1992.8	2026.1
47.5°	2181.1	2194.8	2167.7	2140.4	2077.5	2014.5	1967.1	1919.4	1904.0	1888.7	1916.6
50°	2113.5	2114.4	2079.5	2044.6	1988.2	1931.8	1887.0	1842.1	1817.9	1793.9	1818.7
52.5°	2068.9	2061.5	2020.1	1978.8	1926.1	1873.6	1832.5	1791.3	1755.3	1719.0	1743.5
55°	2031.7	2021.4	1977.4	1933.7	1887.7	1841.7	1797.3	1753.0	1701.8	1650.4	1689.2
57.5°	1995.2	1984.8	1940.7	1896.5	1850.8	1805.3	1753.3	1701.2	1645.9	1590.7	1647.4
60°	1943.7	1932.2	1887.9	1843.6	1797.2	1751.0	1691.1	1631.4	1583.0	1534.5	1608.0
62.5°	1863.6	1852.6	1811.9	1771.3	1721.9	1672.6	1602.8	1533.1	1502.3	1471.6	1563.2
65°	1754.7	1743.4	1707.6	1671.9	1624.6	1577.5	1502.5	1427.9	1416.1	1404.4	1502.0
67.5°	1631.0	1619.9	1589.1	1558.1	1513.5	1468.7	1399.5	1330.7	1334.3	1338.0	1419.3
70°	1498.6	1488.0	1460.1	1432.2	1393.6	1354.9	1294.3	1233.6	1246.5	1259.4	1317.1
72.5°	1350.6	1338.0	1310.8	1283.4	1248.4	1213.6	1165.9	1118.2	1136.9	1155.8	1195.5
75°	1176.1	1163.0	1138.1	1113.1	1081.5	1049.9	1014.4	979.0	997.1	1015.2	1045.7
77.5°	1008.1	995.8	969.8	943.6	916.5	889.2	860.5	831.6	849.9	868.2	892.7
80°	813.5	797.2	777.5	757.6	734.7	711.8	687.9	663.9	679.4	694.6	715.2
82.5°	591.7	564.1	521.6	479.3	487.3	495.4	497.3	499.4	510.2	521.1	531.1
85°	359.2	324.8	285.1	245.4	267.5	289.8	300.2	310.5	322.7	334.8	345.5
87.5°	156.6	142.8	126.1	109.5	126.5	143.4	143.8	144.2	146.5	148.8	153.1
90°	0.0	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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6
2.5°	3689.7	3723.6	3754.1	3785.5	3817.0	3849.9	3882.8	3915.5	3948.2	3978.9	4009.7
5°	3657.1	3716.4	3776.5	3840.2	3903.8	3972.0	4040.2	4107.9	4175.7	4243.7	4311.7
7.5°	3645.3	3722.2	3804.2	3893.0	3981.8	4082.7	4183.5	4287.2	4390.8	4502.8	4615.0
10°	3651.0	3733.6	3834.7	3940.1	4045.1	4167.6	4290.1	4427.0	4563.9	4705.7	4847.4
12.5°	3658.2	3735.0	3841.3	3960.2	4079.1	4223.6	4368.1	4523.2	4678.3	4834.0	4989.8
15°	3627.7	3689.3	3807.0	3944.6	4082.3	4248.7	4415.1	4583.3	4751.6	4914.0	5076.4
17.5°	3534.7	3572.6	3711.1	3876.7	4042.2	4235.4	4428.5	4612.1	4795.7	4960.4	5125.0
20°	3383.0	3393.1	3554.3	3759.5	3964.7	4198.7	4432.8	4634.5	4836.3	5007.5	5178.7
22.5°	3210.9	3191.3	3374.9	3622.0	3869.1	4153.8	4438.6	4664.9	4891.1	5066.1	5240.9
25°	3043.9	2991.1	3179.1	3468.5	3758.0	4109.4	4461.1	4719.8	4978.4	5149.6	5321.1
27.5°	2898.0	2833.6	3004.9	3328.1	3651.4	4079.8	4508.4	4805.7	5102.9	5266.3	5429.7
30°	2769.7	2719.2	2862.9	3210.8	3558.6	4066.0	4573.0	4916.8	5260.7	5418.5	5576.4
32.5°	2657.2	2634.8	2750.7	3109.6	3468.5	4048.7	4628.8	5032.9	5436.9	5593.2	5749.5
35°	2551.0	2560.3	2656.9	3010.2	3363.4	4016.5	4669.8	5165.1	5660.5	5810.2	5959.9
37.5°	2439.7	2473.8	2558.2	2893.2	3228.1	3961.1	4694.1	5313.2	5932.3	6123.1	6314.0
40°	2317.8	2370.1	2446.6	2753.6	3060.4	3884.9	4709.4	5501.2	6292.8	6571.0	6849.2
42.5°	2188.4	2254.2	2324.7	2599.4	2874.1	3806.1	4738.5	5747.2	6755.8	7157.3	7558.8
45°	2059.6	2123.3	2194.8	2435.7	2676.7	3733.0	4789.5	6070.8	7352.0	7893.5	8435.1
47.5°	1944.7	1999.5	2091.8	2306.2	2520.8	3672.7	4824.6	6415.6	8006.6	8768.9	9531.1
50°	1843.6	1907.2	2028.6	2220.3	2412.0	3606.9	4801.7	6735.5	8669.3	9818.6	10967.6
52.5°	1768.1	1857.1	1996.6	2163.6	2330.7	3495.7	4660.8	6943.2	9225.6	10921.1	12616.5
55°	1728.0	1862.1	1991.9	2122.6	2253.2	3311.4	4369.6	6897.4	9425.2	11898.6	14372.1
57.5°	1704.1	1867.1	1981.6	2073.9	2166.2	3051.5	3936.8	6575.3	9213.9	12591.4	15968.9
60°	1681.4	1851.5	1927.0	1999.5	2072.0	2714.2	3356.3	5975.6	8594.9	12764.5	16933.9
62.5°	1655.1	1812.8	1822.0	1870.1	1918.4	2310.5	2702.4	5164.8	7627.1	12035.6	16443.9
65°	1599.6	1719.7	1718.6	1741.4	1764.1	1947.1	2130.2	4337.5	6545.0	11004.1	15463.0
67.5°	1500.6	1568.1	1571.3	1558.7	1545.9	1598.1	1649.9	3527.1	5404.3	9776.7	14148.9
70°	1374.9	1397.2	1397.2	1338.3	1279.4	1264.6	1249.8	2777.1	4304.5	8437.3	12570.1
72.5°	1235.0	1234.7	1220.8	1137.3	1053.8	1008.8	964.0	2123.1	3282.2	6985.3	10688.6
75°	1076.2	1081.7	1017.0	923.4	829.8	789.2	748.6	1541.0	2333.3	5320.9	8308.5
77.5°	917.2	919.9	813.4	722.5	631.7	603.9	576.4	1044.2	1512.1	3724.1	5936.3
80°	735.7	736.2	608.7	532.0	455.0	443.5	432.1	672.7	913.6	2399.4	3885.3
82.5°	541.1	535.2	426.4	369.7	313.0	310.8	308.7	413.8	519.1	1388.7	2258.5
85°	356.3	348.4	267.5	226.0	184.6	185.7	186.8	221.2	255.8	624.6	993.6
87.5°	157.3	147.4	113.8	96.8	79.8	80.9	81.8	91.7	101.6	204.6	307.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 CATALOG NUMBER: NVN-SB3D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6
2.5°	4024.9	4040.2	4061.9	4083.4	4096.3	4109.2	4115.6	4122.0	4119.2	4122.0	4115.6
5°	4364.8	4418.0	4470.6	4523.4	4552.0	4580.6	4597.9	4615.4	4628.6	4615.4	4597.9
7.5°	4701.4	4787.7	4865.4	4943.1	4989.8	5036.6	5062.0	5087.1	5099.3	5087.1	5062.0
10°	4949.6	5051.8	5142.9	5234.1	5289.3	5344.2	5368.8	5393.3	5402.6	5393.3	5368.8
12.5°	5100.6	5211.2	5293.6	5375.7	5415.8	5455.9	5469.3	5482.7	5484.2	5482.7	5469.3
15°	5171.9	5267.4	5319.0	5370.8	5372.2	5373.7	5359.4	5345.1	5328.2	5345.1	5359.4
17.5°	5189.6	5254.0	5255.1	5256.0	5198.0	5140.1	5087.0	5033.8	4996.3	5033.8	5087.0
20°	5201.2	5223.7	5155.8	5087.8	4959.9	4832.1	4738.9	4645.7	4588.5	4645.7	4738.9
22.5°	5211.4	5182.0	5041.2	4900.4	4712.2	4524.1	4407.6	4291.2	4227.9	4291.2	4407.6
25°	5228.0	5135.0	4921.3	4707.5	4479.0	4250.6	4128.1	4005.9	3946.0	4005.9	4128.1
27.5°	5263.5	5097.1	4814.0	4531.0	4277.7	4024.5	3904.0	3783.7	3727.2	3783.7	3904.0
30°	5328.5	5080.7	4732.1	4383.6	4119.8	3855.9	3744.2	3632.4	3579.8	3632.4	3744.2
32.5°	5410.1	5070.7	4676.4	4282.0	4034.1	3786.1	3698.4	3610.6	3572.6	3610.6	3698.4
35°	5544.4	5129.0	4718.1	4307.4	4135.1	3963.0	3942.5	3922.1	3918.9	3922.1	3942.5
37.5°	5825.3	5336.5	4963.0	4589.6	4578.5	4567.3	4660.9	4754.5	4803.2	4754.5	4660.9
40°	6317.6	5786.0	5508.3	5230.6	5426.7	5622.6	5850.2	6077.6	6191.0	6077.6	5850.2
42.5°	7031.4	6504.0	6344.0	6184.1	6611.6	7039.1	7452.9	7866.7	8109.6	7866.7	7452.9
45°	7961.4	7487.5	7417.0	7346.3	8031.2	8716.3	9396.2	10076.3	10489.0	10076.3	9396.2
47.5°	9070.2	8609.3	8594.9	8580.6	9568.7	10556.6	11552.0	12547.1	13131.6	12547.1	11552.0
50°	10398.3	9829.1	9831.6	9834.0	11107.4	12380.8	13694.6	15008.6	15802.9	15008.6	13694.6
52.5°	11927.2	11238.0	11168.3	11098.5	12619.6	14140.6	15766.2	17391.8	18343.9	17391.8	15766.2
55°	13691.0	13010.0	12738.3	12466.6	14159.5	15852.2	17790.2	19728.2	20860.7	19728.2	17790.2
57.5°	15598.0	15227.0	14682.0	14137.2	15846.5	17555.9	19750.9	21945.9	23350.2	21945.9	19750.9
60°	17510.0	18086.1	17409.3	16732.6	18350.3	19967.8	22318.0	24668.3	26186.0	24668.3	22318.0
62.5°	18017.9	19591.8	19515.6	19439.2	20921.1	22403.0	24639.1	26874.9	28277.8	26874.9	24639.1
65°	16940.4	18417.6	18709.9	19002.1	20885.3	22768.6	24936.8	27104.9	28299.2	27104.9	24936.8
67.5°	15554.0	16958.9	17096.0	17232.9	19195.1	21157.1	23334.6	25512.1	26447.9	25512.1	23334.6
70°	14098.3	15626.6	15687.8	15749.2	17503.9	19258.5	21132.3	23006.1	23526.2	23006.1	21132.3
72.5°	12442.3	14196.1	14240.2	14284.1	15657.0	17029.8	18433.2	19836.5	19889.2	19836.5	18433.2
75°	10123.6	11938.7	12101.7	12264.5	13332.7	14400.7	15388.6	16376.6	16112.0	16376.6	15388.6
77.5°	7630.6	9325.0	9558.2	9791.5	10603.4	11415.4	12116.1	12816.9	12361.9	12816.9	12116.1
80°	5310.7	6736.1	7026.0	7315.8	7929.1	8542.0	8910.0	9277.9	8546.0	9277.9	8910.0
82.5°	3233.0	4207.6	4531.4	4855.3	5277.4	5699.5	5853.0	6006.4	5431.2	6006.4	5853.0
85°	1510.8	2028.2	2303.6	2579.0	2925.8	3272.4	3359.6	3446.8	2986.0	3446.8	3359.6
87.5°	481.4	655.3	808.9	962.6	1136.0	1309.4	1316.9	1324.2	1111.7	1324.2	1316.9
90°	0.0	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):

	330°	335°	340°	345°	350°	355°	360°
0°	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6	3728.6
2.5°	4109.2	4096.3	4083.4	4061.9	4040.2	4024.9	4009.7
5°	4580.6	4552.0	4523.4	4470.6	4418.0	4364.8	4311.7
7.5°	5036.6	4989.8	4943.1	4865.4	4787.7	4701.4	4615.0
10°	5344.2	5289.3	5234.1	5142.9	5051.8	4949.6	4847.4
12.5°	5455.9	5415.8	5375.7	5293.6	5211.2	5100.6	4989.8
15°	5373.7	5372.2	5370.8	5319.0	5267.4	5171.9	5076.4
17.5°	5140.1	5198.0	5256.0	5255.1	5254.0	5189.6	5125.0
20°	4832.1	4959.9	5087.8	5155.8	5223.7	5201.2	5178.7
22.5°	4524.1	4712.2	4900.4	5041.2	5182.0	5211.4	5240.9
25°	4250.6	4479.0	4707.5	4921.3	5135.0	5228.0	5321.1
27.5°	4024.5	4277.7	4531.0	4814.0	5097.1	5263.5	5429.7
30°	3855.9	4119.8	4383.6	4732.1	5080.7	5328.5	5576.4
32.5°	3786.1	4034.1	4282.0	4676.4	5070.7	5410.1	5749.5
35°	3963.0	4135.1	4307.4	4718.1	5129.0	5544.4	5959.9
37.5°	4567.3	4578.5	4589.6	4963.0	5336.5	5825.3	6314.0
40°	5622.6	5426.7	5230.6	5508.3	5786.0	6317.6	6849.2
42.5°	7039.1	6611.6	6184.1	6344.0	6504.0	7031.4	7558.8
45°	8716.3	8031.2	7346.3	7417.0	7487.5	7961.4	8435.1
47.5°	10556.6	9568.7	8580.6	8594.9	8609.3	9070.2	9531.1
50°	12380.8	11107.4	9834.0	9831.6	9829.1	10398.3	10967.6
52.5°	14140.6	12619.6	11098.5	11168.3	11238.0	11927.2	12616.5
55°	15852.2	14159.5	12466.6	12738.3	13010.0	13691.0	14372.1
57.5°	17555.9	15846.5	14137.2	14682.0	15227.0	15598.0	15968.9
60°	19967.8	18350.3	16732.6	17409.3	18086.1	17510.0	16933.9
62.5°	22403.0	20921.1	19439.2	19515.6	19591.8	18017.9	16443.9
65°	22768.6	20885.3	19002.1	18709.9	18417.6	16940.4	15463.0
67.5°	21157.1	19195.1	17232.9	17096.0	16958.9	15554.0	14148.9
70°	19258.5	17503.9	15749.2	15687.8	15626.6	14098.3	12570.1
72.5°	17029.8	15657.0	14284.1	14240.2	14196.1	12442.3	10688.6
75°	14400.7	13332.7	12264.5	12101.7	11938.7	10123.6	8308.5
77.5°	11415.4	10603.4	9791.5	9558.2	9325.0	7630.6	5936.3
80°	8542.0	7929.1	7315.8	7026.0	6736.1	5310.7	3885.3
82.5°	5699.5	5277.4	4855.3	4531.4	4207.6	3233.0	2258.5
85°	3272.4	2925.8	2579.0	2303.6	2028.2	1510.8	993.6
87.5°	1309.4	1136.0	962.6	808.9	655.3	481.4	307.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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