

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: P951289

Luminaire Tested: **GLAN-SB5C-727-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P951289
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB5C-727-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(5) 70 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 34964 lumens
Efficiency: N/A
Efficacy: 140.1 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): 249.5
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

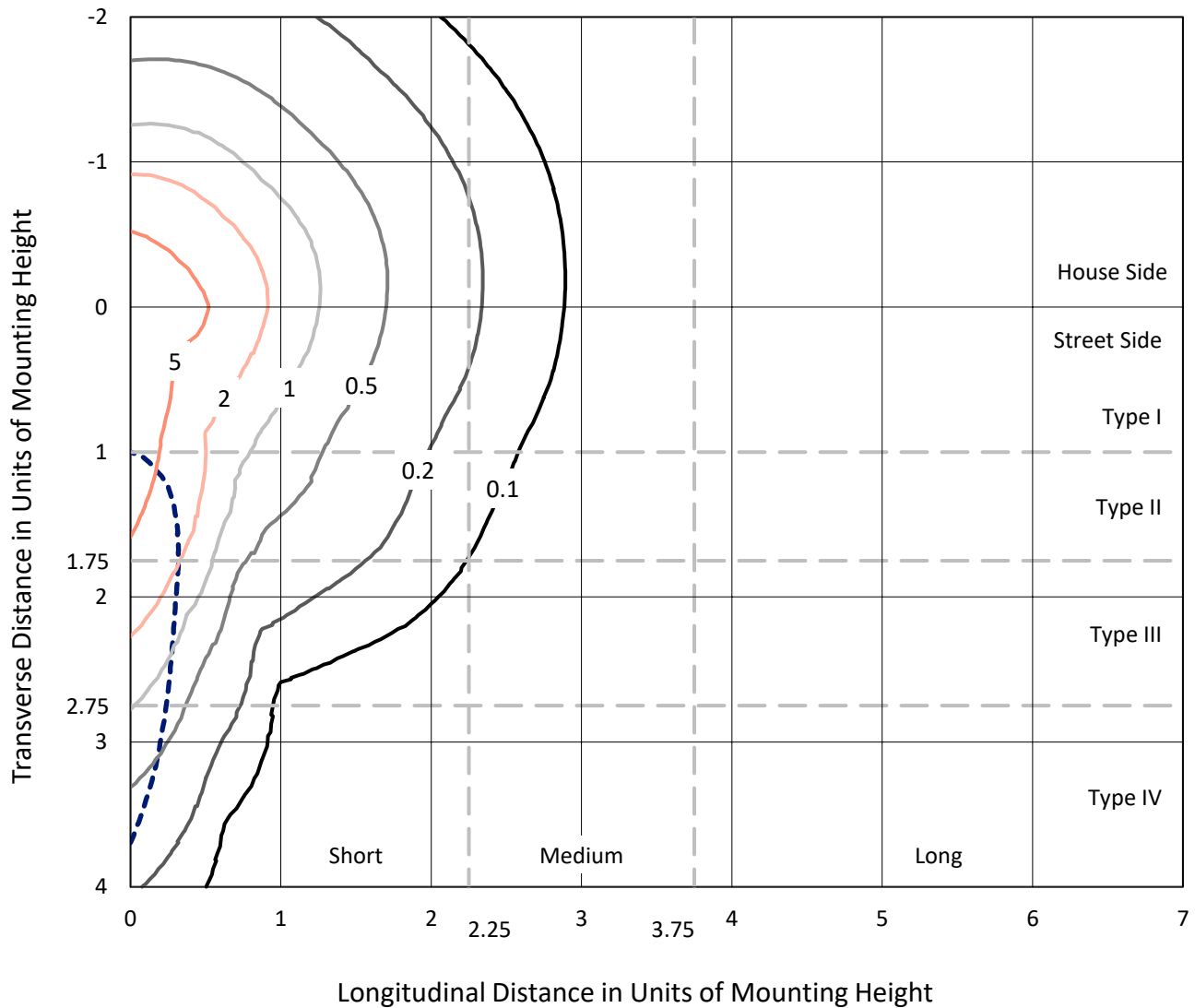


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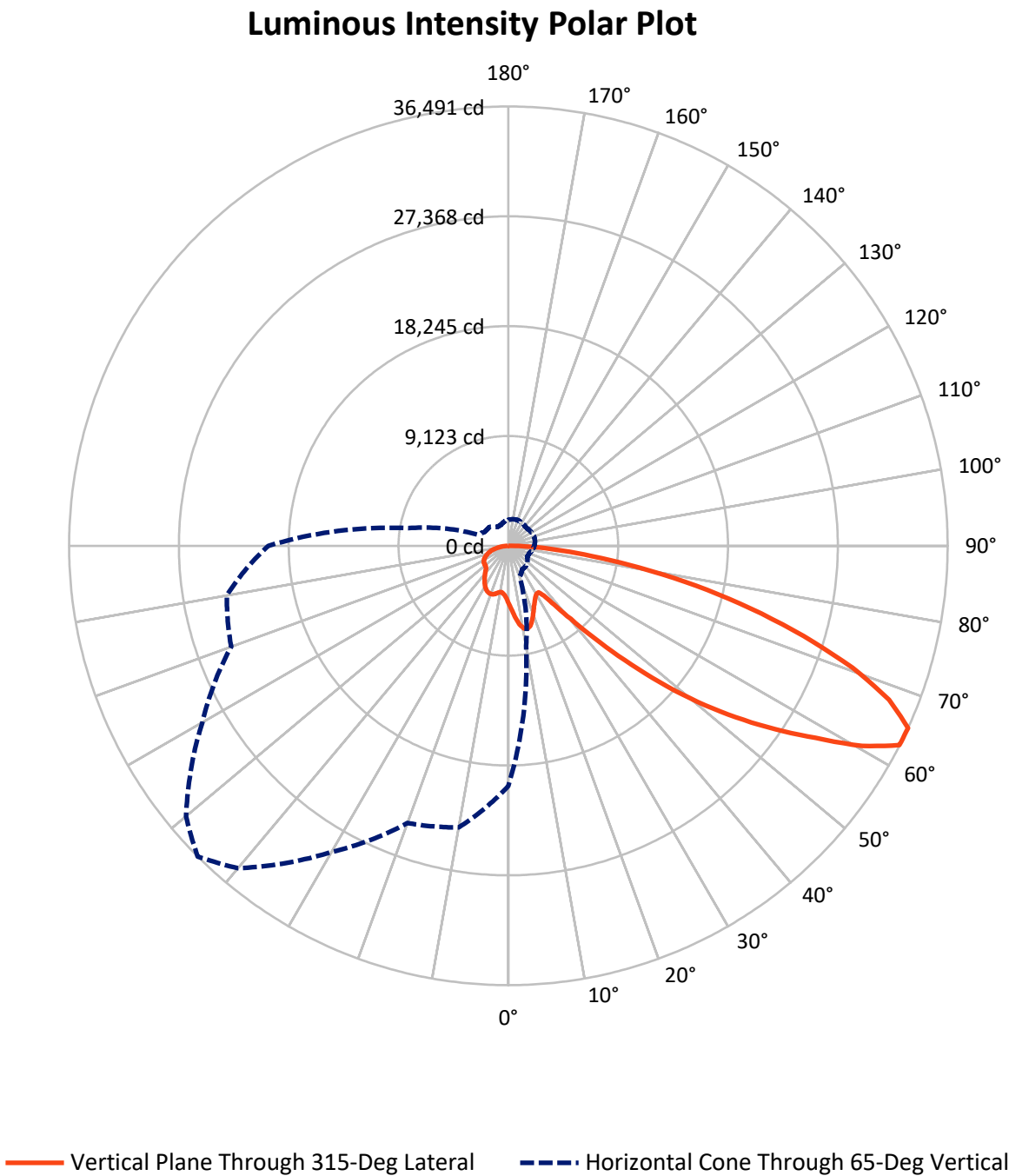
Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.5 fc
Type IV - Short - N/A

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8886.1	0.0	8886.1
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	26077.9	0.0	26077.9
	% Fixture	74.6	0.0	74.6
Total	Lumens	34964.0	0.0	34964.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	476.9	1.4
10°-20°	1497.2	4.3
20°-30°	2312.7	6.6
30°-40°	2930.7	8.4
40°-50°	4420.3	12.6
50°-60°	7141.6	20.4
60°-70°	8903.1	25.5
70°-80°	5838.2	16.7
80°-90°	1443.4	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°	34964.0	100.0
0°-180°	34964.0	100.0

Coefficient of Utilization



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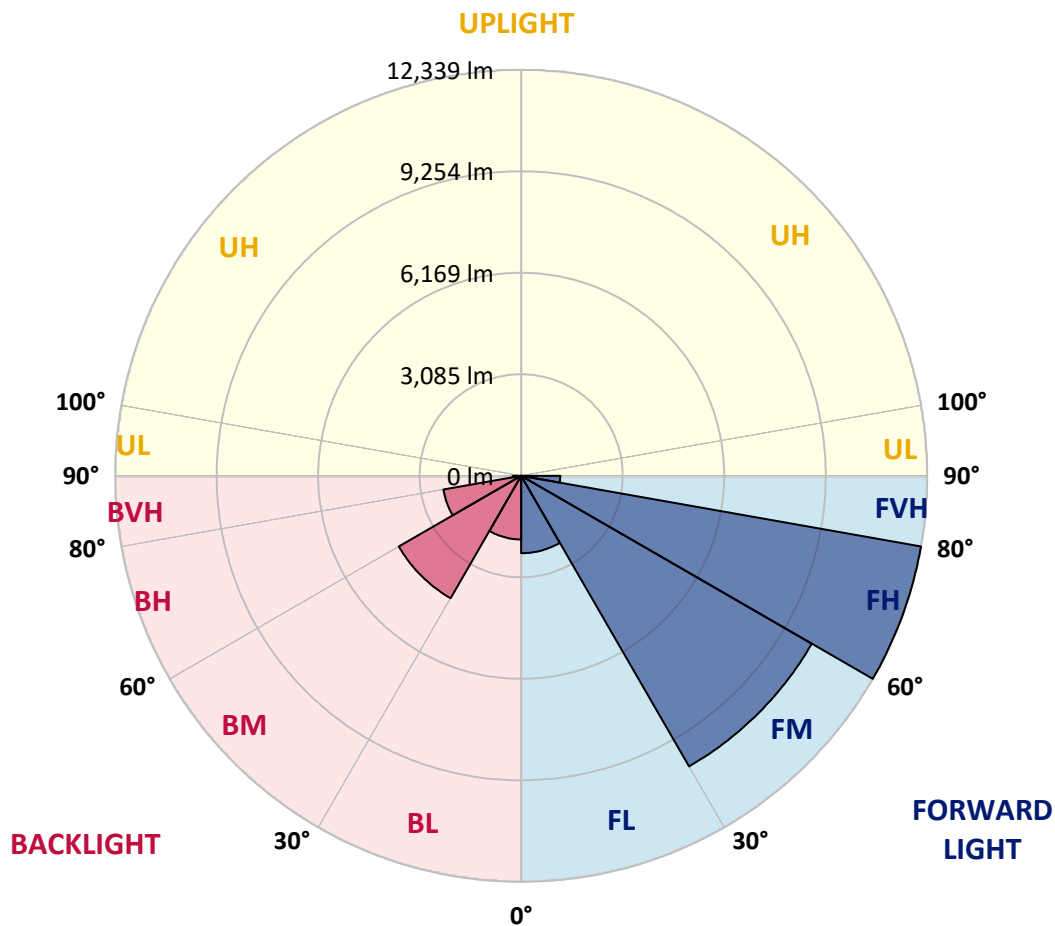
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2351.7	6.7			
FM	(30°-60°)	10198.2	29.2			
FH	(60°-80°)	12338.9	35.3			G5
FVH	(80°-90°)	1189.0	3.4			G5
BL	(0°-30°)	1935.1	5.5	B3/2500		
BM	(30°-60°)	4294.3	12.3	B3/5000		
BH	(60°-80°)	2402.4	6.9	B3/2500		G3/2500
BVH	(80°-90°)	254.3	0.7			G3/500
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°	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9
2.5°	5170.4	5130.7	5091.0	5048.8	5006.7	4964.3	4921.9	4881.3	4840.7	4801.4
5°	5559.7	5472.0	5384.4	5296.9	5209.7	5121.7	5033.9	4951.8	4869.7	4792.2
7.5°	5950.8	5806.1	5661.7	5528.1	5394.5	5264.5	5134.4	5019.8	4905.3	4799.5
10°	6250.6	6067.7	5884.9	5708.4	5532.0	5374.1	5215.9	5080.5	4944.7	4814.3
12.5°	6434.1	6233.2	6032.5	5832.5	5632.5	5446.2	5259.9	5106.5	4953.2	4816.2
15°	6545.8	6336.4	6127.0	5910.0	5693.0	5478.5	5263.9	5086.4	4909.0	4757.1
17.5°	6608.5	6396.1	6183.8	5947.1	5710.4	5461.3	5212.3	4998.8	4785.3	4606.8
20°	6677.7	6457.0	6236.2	5976.1	5715.9	5414.1	5112.3	4847.7	4583.1	4375.2
22.5°	6757.9	6532.5	6306.8	6015.2	5723.3	5356.2	4989.0	4670.4	4351.8	4115.1
25°	6861.2	6640.2	6419.4	6086.0	5752.4	5299.0	4845.7	4472.4	4099.4	3856.8
27.5°	7001.5	6790.8	6579.9	6196.7	5813.3	5260.8	4708.2	4291.5	3874.7	3653.9
30°	7190.6	6986.9	6783.4	6340.1	5896.7	5242.9	4588.7	4140.2	3691.7	3506.3
32.5°	7413.8	7212.1	7010.7	6489.7	5968.7	5220.7	4472.4	4009.7	3546.9	3397.4
35°	7685.0	7492.0	7298.9	6660.1	6021.4	5179.0	4337.0	3881.5	3426.0	3301.5
37.5°	8141.6	7895.5	7649.4	6851.1	6052.8	5107.6	4162.5	3730.6	3298.7	3189.9
40°	8831.6	8473.0	8114.3	7093.5	6072.5	5009.3	3946.3	3550.5	3154.8	3056.1
42.5°	9746.7	9229.0	8711.3	7410.7	6110.0	4907.8	3706.1	3351.8	2997.6	2906.7
45°	10876.7	10178.4	9480.1	7828.0	6175.9	4813.6	3451.5	3140.8	2830.1	2737.9
47.5°	12289.9	11307.1	10324.1	8272.6	6221.1	4735.7	3250.4	2973.8	2697.3	2578.3
50°	14142.2	12660.6	11178.7	8685.1	6191.5	4650.8	3110.2	2862.9	2615.7	2459.3
52.5°	16268.5	14082.2	11896.0	8953.0	6009.8	4507.5	3005.4	2789.9	2574.6	2394.7
55°	18532.2	15342.7	12153.4	8894.0	5634.4	4269.9	2905.4	2736.9	2568.5	2401.2
57.5°	20591.1	16236.0	11880.9	8478.5	5076.3	3934.8	2793.2	2674.2	2555.2	2407.6
60°	21835.5	16459.2	11082.8	7705.3	4327.8	3499.8	2671.8	2578.3	2484.7	2387.3
62.5°	21203.6	15519.2	9834.9	6659.8	3484.7	2979.2	2473.7	2411.5	2349.5	2337.5
65°	19938.9	14189.2	8439.6	5593.0	2746.7	2510.7	2274.8	2245.4	2216.1	2217.6
67.5°	18244.4	12606.5	6968.6	4548.1	2127.6	2060.6	1993.4	2009.9	2026.1	2022.0
70°	16208.5	10879.5	5550.4	3581.0	1611.5	1630.7	1649.7	1725.7	1801.6	1801.6
72.5°	13782.4	9007.2	4232.2	2737.7	1243.1	1300.9	1358.8	1466.5	1574.1	1592.2
75°	10713.4	6861.1	3008.7	1987.0	965.3	1017.7	1070.1	1190.7	1311.4	1394.8
77.5°	7654.6	4802.1	1949.7	1346.4	743.1	778.7	814.5	931.7	1048.8	1186.3
80°	5009.9	3093.9	1178.0	867.5	557.2	571.9	586.7	685.9	785.0	949.2
82.5°	2912.2	1790.7	669.3	533.5	398.1	400.7	403.7	476.7	549.8	690.0
85°	1281.3	805.5	329.9	285.2	240.8	239.5	238.0	291.5	345.0	449.2
87.5°	396.7	263.8	131.0	118.3	105.5	104.2	102.9	124.7	146.7	190.0
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):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
4807.9	0°	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9
4757.7	2.5°	4722.2	4687.0	4655.1	4623.4	4595.5	4567.6	4539.6	4511.7	4490.2	4468.4
4715.6	5°	4648.8	4581.8	4525.8	4469.9	4420.4	4371.0	4326.1	4281.1	4246.6	4211.9
4700.5	7.5°	4611.6	4522.8	4449.0	4375.2	4313.0	4250.7	4195.7	4140.9	4099.8	4058.8
4707.9	10°	4614.1	4520.4	4446.6	4372.8	4305.8	4238.7	4176.9	4115.1	4066.0	4016.8
4717.1	12.5°	4640.3	4564.0	4514.9	4466.2	4413.4	4361.0	4297.0	4233.2	4170.4	4107.7
4677.8	15°	4641.1	4604.5	4611.2	4617.8	4604.2	4590.5	4535.0	4479.5	4390.2	4300.9
4557.9	17.5°	4571.3	4584.6	4665.1	4745.5	4788.3	4830.9	4786.1	4741.4	4623.2	4504.9
4362.3	20°	4425.0	4487.8	4627.4	4767.3	4856.7	4946.2	4925.6	4904.7	4769.5	4634.4
4140.4	22.5°	4233.2	4326.0	4485.4	4645.1	4761.5	4878.0	4890.5	4902.9	4773.7	4644.6
3925.1	25°	4032.1	4139.1	4282.4	4426.0	4540.5	4655.1	4697.9	4740.5	4634.6	4528.9
3736.9	27.5°	3840.2	3943.5	4061.4	4179.1	4271.0	4362.9	4410.5	4458.2	4382.8	4307.5
3571.4	30°	3653.3	3735.6	3833.4	3931.1	4007.3	4083.7	4122.5	4161.2	4103.8	4046.3
3426.4	32.5°	3474.9	3523.4	3601.5	3679.7	3752.7	3826.0	3869.0	3912.1	3859.4	3806.4
3289.5	35°	3302.8	3316.2	3375.8	3435.2	3507.6	3580.1	3631.7	3683.4	3645.7	3608.3
3146.0	37.5°	3131.2	3116.4	3159.2	3201.9	3274.0	3346.3	3410.1	3474.0	3456.6	3439.3
2988.8	40°	2955.4	2922.0	2952.8	2983.6	3053.3	3123.1	3196.5	3270.1	3274.4	3278.4
2821.8	42.5°	2777.5	2733.2	2758.3	2783.6	2849.7	2915.9	2995.2	3074.6	3095.8	3117.0
2655.8	45°	2612.6	2569.6	2590.6	2612.0	2674.8	2737.5	2819.8	2902.1	2932.5	2962.9
2507.6	47.5°	2471.4	2435.3	2455.2	2475.0	2536.4	2597.6	2678.8	2760.0	2795.0	2830.1
2377.2	50°	2345.1	2313.2	2344.2	2375.3	2433.3	2491.0	2563.7	2636.4	2681.4	2726.4
2279.9	52.5°	2248.2	2216.7	2263.3	2309.8	2363.0	2415.9	2483.6	2551.5	2604.8	2658.2
2228.3	55°	2178.1	2128.1	2194.3	2260.4	2317.6	2374.8	2434.2	2493.4	2549.9	2606.5
2197.3	57.5°	2124.2	2051.2	2122.4	2193.6	2260.8	2327.9	2386.6	2445.4	2502.4	2559.3
2168.1	60°	2073.5	1978.7	2041.2	2103.6	2180.7	2257.8	2317.4	2377.2	2434.4	2491.6
2134.2	62.5°	2015.8	1897.5	1937.2	1976.8	2066.7	2156.7	2220.4	2284.0	2336.4	2388.8
2062.6	65°	1936.8	1810.8	1826.1	1841.2	1937.5	2034.0	2094.9	2155.8	2201.9	2248.0
1934.9	67.5°	1830.2	1725.4	1720.6	1715.8	1804.7	1893.8	1951.6	2009.1	2049.0	2088.8
1773.0	70°	1698.4	1623.9	1607.3	1590.7	1668.9	1747.1	1796.9	1846.8	1882.7	1918.7
1592.5	72.5°	1541.4	1490.3	1466.0	1441.8	1503.4	1564.9	1609.9	1654.9	1690.1	1725.4
1387.7	75°	1348.4	1309.0	1285.7	1262.3	1308.0	1353.8	1394.6	1435.3	1467.4	1499.5
1182.6	77.5°	1151.0	1119.5	1095.9	1072.3	1109.5	1146.6	1181.7	1216.7	1250.5	1284.1
948.7	80°	922.3	895.7	876.0	856.0	887.0	917.8	947.4	976.9	1002.5	1028.0
697.7	82.5°	684.8	671.9	657.9	643.9	641.3	638.7	628.4	618.0	672.7	727.3
459.4	85°	445.5	431.7	416.0	400.3	387.1	373.6	345.0	316.4	367.5	418.8
202.9	87.5°	197.4	191.9	188.9	186.0	185.4	184.9	163.1	141.1	162.5	184.1
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
4807.9	0°	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9
4450.9	2.5°	4433.3	4419.7	4406.0	4393.5	4380.8	4365.1	4380.8	4393.5	4406.0	4419.7
4187.8	5°	4163.6	4146.4	4129.3	4116.2	4103.1	4090.2	4103.1	4116.2	4129.3	4146.4
4030.0	7.5°	4001.3	3981.5	3962.0	3950.1	3938.5	3929.7	3938.5	3950.1	3962.0	3981.5
3984.6	10°	3952.2	3933.5	3914.9	3904.9	3895.0	3890.9	3895.0	3904.9	3914.9	3933.5
4066.2	12.5°	4024.7	4003.8	3983.2	3974.7	3966.2	3964.7	3966.2	3974.7	3983.2	4003.8
4237.8	15°	4174.7	4145.7	4116.9	4105.9	4094.8	4093.9	4094.8	4105.9	4116.9	4145.7
4411.9	17.5°	4318.9	4276.1	4233.2	4219.1	4204.9	4202.7	4204.9	4219.1	4233.2	4276.1
4520.4	20°	4406.6	4351.8	4296.8	4279.3	4261.8	4256.2	4261.8	4279.3	4296.8	4351.8
4527.2	22.5°	4409.7	4352.0	4294.0	4274.7	4255.3	4247.0	4255.3	4274.7	4294.0	4352.0
4424.5	25°	4320.4	4270.2	4220.2	4202.0	4183.9	4173.2	4183.9	4202.0	4220.2	4270.2
4226.5	27.5°	4145.5	4111.9	4078.2	4069.9	4061.6	4058.8	4061.6	4069.9	4078.2	4111.9
3988.3	30°	3930.0	3912.9	3895.5	3895.5	3895.5	3898.3	3895.5	3895.5	3895.5	3912.9
3760.1	32.5°	3713.8	3702.6	3691.3	3692.8	3694.4	3697.2	3694.4	3692.8	3691.3	3702.6
3565.5	35°	3522.9	3505.7	3488.7	3485.0	3481.4	3479.5	3481.4	3485.0	3488.7	3505.7
3400.0	37.5°	3360.5	3329.3	3298.3	3281.9	3265.5	3256.3	3265.5	3281.9	3298.3	3329.3
3245.0	40°	3211.6	3166.2	3121.2	3090.6	3060.3	3042.3	3060.3	3090.6	3121.2	3166.2
3088.8	42.5°	3060.7	3004.4	2948.2	2903.7	2859.3	2830.1	2859.3	2903.7	2948.2	3004.4
2937.5	45°	2912.2	2847.8	2783.6	2731.4	2679.2	2645.6	2679.2	2731.4	2783.6	2847.8
2812.4	47.5°	2794.7	2737.5	2680.3	2632.0	2583.8	2551.5	2583.8	2632.0	2680.3	2737.5
2725.3	50°	2724.6	2678.8	2633.1	2588.4	2543.8	2512.8	2543.8	2588.4	2633.1	2678.8
2667.7	52.5°	2677.3	2640.1	2602.8	2562.8	2522.9	2494.3	2522.9	2562.8	2602.8	2640.1
2619.8	55°	2633.1	2600.6	2568.1	2533.1	2498.0	2472.2	2498.0	2533.1	2568.1	2600.6
2572.7	57.5°	2586.2	2553.4	2520.5	2485.8	2451.0	2424.2	2451.0	2485.8	2520.5	2553.4
2506.3	60°	2521.1	2489.0	2457.1	2421.3	2385.5	2357.8	2385.5	2421.3	2457.1	2489.0
2403.0	62.5°	2417.2	2388.2	2359.3	2321.6	2284.0	2250.8	2284.0	2321.6	2359.3	2388.2
2262.6	65°	2277.0	2249.1	2221.3	2184.7	2148.4	2119.8	2148.4	2184.7	2221.3	2249.1
2103.0	67.5°	2117.0	2091.4	2065.9	2032.0	1998.0	1972.2	1998.0	2032.0	2065.9	2091.4
1932.4	70°	1946.0	1925.2	1904.3	1871.9	1839.4	1809.9	1839.4	1871.9	1904.3	1925.2
1741.6	72.5°	1757.8	1740.5	1723.2	1692.2	1661.3	1632.8	1661.3	1692.2	1723.2	1740.5
1516.5	75°	1533.5	1525.0	1516.5	1490.5	1464.5	1437.2	1464.5	1490.5	1516.5	1525.0
1299.9	77.5°	1315.8	1304.0	1291.8	1265.6	1239.4	1217.6	1239.4	1265.6	1291.8	1304.0
1049.0	80°	1070.1	1064.9	1059.9	1024.7	989.2	948.3	989.2	1024.7	1059.9	1064.9
763.1	82.5°	798.8	796.6	794.2	764.5	734.6	708.4	734.6	764.5	794.2	796.6
463.1	85°	507.4	503.7	500.0	476.7	453.5	429.9	453.5	476.7	500.0	503.7
202.0	87.5°	219.9	215.5	210.7	198.9	186.7	175.3	186.7	198.9	210.7	215.5
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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CATALOG NUMBER: GLAN-SB5C-727-U-SLR

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
4807.9	0°	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9
4433.3	2.5°	4450.9	4468.4	4490.2	4511.7	4539.6	4567.6	4595.5	4623.4	4655.1	4687.0
4163.6	5°	4187.8	4211.9	4246.6	4281.1	4326.1	4371.0	4420.4	4469.9	4525.8	4581.8
4001.3	7.5°	4030.0	4058.8	4099.8	4140.9	4195.7	4250.7	4313.0	4375.2	4449.0	4522.8
3952.2	10°	3984.6	4016.8	4066.0	4115.1	4176.9	4238.7	4305.8	4372.8	4446.6	4520.4
4024.7	12.5°	4066.2	4107.7	4170.4	4233.2	4297.0	4361.0	4413.4	4466.2	4514.9	4564.0
4174.7	15°	4237.8	4300.9	4390.2	4479.5	4535.0	4590.5	4604.2	4617.8	4611.2	4604.5
4318.9	17.5°	4411.9	4504.9	4623.2	4741.4	4786.1	4830.9	4788.3	4745.5	4665.1	4584.6
4406.6	20°	4520.4	4634.4	4769.5	4904.7	4925.6	4946.2	4856.7	4767.3	4627.4	4487.8
4409.7	22.5°	4527.2	4644.6	4773.7	4902.9	4890.5	4878.0	4761.5	4645.1	4485.4	4326.0
4320.4	25°	4424.5	4528.9	4634.6	4740.5	4697.9	4655.1	4540.5	4426.0	4282.4	4139.1
4145.5	27.5°	4226.5	4307.5	4382.8	4458.2	4410.5	4362.9	4271.0	4179.1	4061.4	3943.5
3930.0	30°	3988.3	4046.3	4103.8	4161.2	4122.5	4083.7	4007.3	3931.1	3833.4	3735.6
3713.8	32.5°	3760.1	3806.4	3859.4	3912.1	3869.0	3826.0	3752.7	3679.7	3601.5	3523.4
3522.9	35°	3565.5	3608.3	3645.7	3683.4	3631.7	3580.1	3507.6	3435.2	3375.8	3316.2
3360.5	37.5°	3400.0	3439.3	3456.6	3474.0	3410.1	3346.3	3274.0	3201.9	3159.2	3116.4
3211.6	40°	3245.0	3278.4	3274.4	3270.1	3196.5	3123.1	3053.3	2983.6	2952.8	2922.0
3060.7	42.5°	3088.8	3117.0	3095.8	3074.6	2995.2	2915.9	2849.7	2783.6	2758.3	2733.2
2912.2	45°	2937.5	2962.9	2932.5	2902.1	2819.8	2737.5	2674.8	2612.0	2590.6	2569.6
2794.7	47.5°	2812.4	2830.1	2795.0	2760.0	2678.8	2597.6	2536.4	2475.0	2455.2	2435.3
2724.6	50°	2725.3	2726.4	2681.4	2636.4	2563.7	2491.0	2433.3	2375.3	2344.2	2313.2
2677.3	52.5°	2667.7	2658.2	2604.8	2551.5	2483.6	2415.9	2363.0	2309.8	2263.3	2216.7
2633.1	55°	2619.8	2606.5	2549.9	2493.4	2434.2	2374.8	2317.6	2260.4	2194.3	2128.1
2586.2	57.5°	2572.7	2559.3	2502.4	2445.4	2386.6	2327.9	2260.8	2193.6	2122.4	2051.2
2521.1	60°	2506.3	2491.6	2434.4	2377.2	2317.4	2257.8	2180.7	2103.6	2041.2	1978.7
2417.2	62.5°	2403.0	2388.8	2336.4	2284.0	2220.4	2156.7	2066.7	1976.8	1937.2	1897.5
2277.0	65°	2262.6	2248.0	2201.9	2155.8	2094.9	2034.0	1937.5	1841.2	1826.1	1810.8
2117.0	67.5°	2103.0	2088.8	2049.0	2009.1	1951.6	1893.8	1804.7	1715.8	1720.6	1725.4
1946.0	70°	1932.4	1918.7	1882.7	1846.8	1796.9	1747.1	1668.9	1590.7	1607.3	1623.9
1757.8	72.5°	1741.6	1725.4	1690.1	1654.9	1609.9	1564.9	1503.4	1441.8	1466.0	1490.3
1533.5	75°	1516.5	1499.5	1467.4	1435.3	1394.6	1353.8	1308.0	1262.3	1285.7	1309.0
1315.8	77.5°	1299.9	1284.1	1250.5	1216.7	1181.7	1146.6	1109.5	1072.3	1095.9	1119.5
1070.1	80°	1049.0	1028.0	1002.5	976.9	947.4	917.8	887.0	856.0	876.0	895.7
798.8	82.5°	763.1	727.3	672.7	618.0	628.4	638.7	641.3	643.9	657.9	671.9
507.4	85°	463.1	418.8	367.5	316.4	345.0	373.6	387.1	400.3	416.0	431.7
219.9	87.5°	202.0	184.1	162.5	141.1	163.1	184.9	185.4	186.0	188.9	191.9
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
4807.9	0°	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9
4722.2	2.5°	4757.7	4801.4	4840.7	4881.3	4921.9	4964.3	5006.7	5048.8	5091.0	5130.7
4648.8	5°	4715.6	4792.2	4869.7	4951.8	5033.9	5121.7	5209.7	5296.9	5384.4	5472.0
4611.6	7.5°	4700.5	4799.5	4905.3	5019.8	5134.4	5264.5	5394.5	5528.1	5661.7	5806.1
4614.1	10°	4707.9	4814.3	4944.7	5080.5	5215.9	5374.1	5532.0	5708.4	5884.9	6067.7
4640.3	12.5°	4717.1	4816.2	4953.2	5106.5	5259.9	5446.2	5632.5	5832.5	6032.5	6233.2
4641.1	15°	4677.8	4757.1	4909.0	5086.4	5263.9	5478.5	5693.0	5910.0	6127.0	6336.4
4571.3	17.5°	4557.9	4606.8	4785.3	4998.8	5212.3	5461.3	5710.4	5947.1	6183.8	6396.1
4425.0	20°	4362.3	4375.2	4583.1	4847.7	5112.3	5414.1	5715.9	5976.1	6236.2	6457.0
4233.2	22.5°	4140.4	4115.1	4351.8	4670.4	4989.0	5356.2	5723.3	6015.2	6306.8	6532.5
4032.1	25°	3925.1	3856.8	4099.4	4472.4	4845.7	5299.0	5752.4	6086.0	6419.4	6640.2
3840.2	27.5°	3736.9	3653.9	3874.7	4291.5	4708.2	5260.8	5813.3	6196.7	6579.9	6790.8
3653.3	30°	3571.4	3506.3	3691.7	4140.2	4588.7	5242.9	5896.7	6340.1	6783.4	6986.9
3474.9	32.5°	3426.4	3397.4	3546.9	4009.7	4472.4	5220.7	5968.7	6489.7	7010.7	7212.1
3302.8	35°	3289.5	3301.5	3426.0	3881.5	4337.0	5179.0	6021.4	6660.1	7298.9	7492.0
3131.2	37.5°	3146.0	3189.9	3298.7	3730.6	4162.5	5107.6	6052.8	6851.1	7649.4	7895.5
2955.4	40°	2988.8	3056.1	3154.8	3550.5	3946.3	5009.3	6072.5	7093.5	8114.3	8473.0
2777.5	42.5°	2821.8	2906.7	2997.6	3351.8	3706.1	4907.8	6110.0	7410.7	8711.3	9229.0
2612.6	45°	2655.8	2737.9	2830.1	3140.8	3451.5	4813.6	6175.9	7828.0	9480.1	10178.4
2471.4	47.5°	2507.6	2578.3	2697.3	2973.8	3250.4	4735.7	6221.1	8272.6	10324.1	11307.1
2345.1	50°	2377.2	2459.3	2615.7	2862.9	3110.2	4650.8	6191.5	8685.1	11178.7	12660.6
2248.2	52.5°	2279.9	2394.7	2574.6	2789.9	3005.4	4507.5	6009.8	8953.0	11896.0	14082.2
2178.1	55°	2228.3	2401.2	2568.5	2736.9	2905.4	4269.9	5634.4	8894.0	12153.4	15342.7
2124.2	57.5°	2197.3	2407.6	2555.2	2674.2	2793.2	3934.8	5076.3	8478.5	11880.9	16236.0
2073.5	60°	2168.1	2387.3	2484.7	2578.3	2671.8	3499.8	4327.8	7705.3	11082.8	16459.2
2015.8	62.5°	2134.2	2337.5	2349.5	2411.5	2473.7	2979.2	3484.7	6659.8	9834.9	15519.2
1936.8	65°	2062.6	2217.6	2216.1	2245.4	2274.8	2510.7	2746.7	5593.0	8439.6	14189.2
1830.2	67.5°	1934.9	2022.0	2026.1	2009.9	1993.4	2060.6	2127.6	4548.1	6968.6	12606.5
1698.4	70°	1773.0	1801.6	1801.6	1725.7	1649.7	1630.7	1611.5	3581.0	5550.4	10879.5
1541.4	72.5°	1592.5	1592.2	1574.1	1466.5	1358.8	1300.9	1243.1	2737.7	4232.2	9007.2
1348.4	75°	1387.7	1394.8	1311.4	1190.7	1070.1	1017.7	965.3	1987.0	3008.7	6861.1
1151.0	77.5°	1182.6	1186.3	1048.8	931.7	814.5	778.7	743.1	1346.4	1949.7	4802.1
922.3	80°	948.7	949.2	785.0	685.9	586.7	571.9	557.2	867.5	1178.0	3093.9
684.8	82.5°	697.7	690.0	549.8	476.7	403.7	400.7	398.1	533.5	669.3	1790.7
445.5	85°	459.4	449.2	345.0	291.5	238.0	239.5	240.8	285.2	329.9	805.5
197.4	87.5°	202.9	190.0	146.7	124.7	102.9	104.2	105.5	118.3	131.0	263.8
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
4807.9	0°	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9
5170.4	2.5°	5189.9	5209.7	5237.5	5265.4	5282.0	5298.6	5306.9	5315.2	5311.5	5315.2
5559.7	5°	5628.1	5696.7	5764.6	5832.7	5869.6	5906.5	5928.8	5951.3	5968.3	5951.3
5950.8	7.5°	6062.2	6173.5	6273.6	6373.8	6434.1	6494.5	6527.1	6559.6	6575.3	6559.6
6250.6	10°	6382.3	6514.0	6631.6	6749.1	6820.3	6891.1	6922.9	6954.4	6966.4	6954.4
6434.1	12.5°	6576.9	6719.6	6825.8	6931.7	6983.4	7035.0	7052.4	7069.7	7071.6	7069.7
6545.8	15°	6669.0	6792.1	6858.7	6925.4	6927.3	6929.1	6910.7	6892.2	6870.5	6892.2
6608.5	17.5°	6691.7	6774.9	6776.2	6777.3	6702.6	6627.9	6559.4	6490.8	6442.4	6490.8
6677.7	20°	6706.6	6735.8	6648.2	6560.5	6395.6	6230.7	6110.5	5990.4	5916.6	5990.4
6757.9	22.5°	6719.9	6681.9	6500.4	6318.8	6076.2	5833.6	5683.4	5533.3	5451.7	5533.3
6861.2	25°	6741.3	6621.4	6345.8	6070.1	5775.5	5480.9	5323.0	5165.4	5088.3	5165.4
7001.5	27.5°	6787.1	6572.5	6207.4	5842.5	5515.9	5189.4	5034.0	4878.9	4806.0	4878.9
7190.6	30°	6870.8	6551.3	6101.9	5652.5	5312.3	4972.0	4828.0	4683.9	4616.0	4683.9
7413.8	32.5°	6976.0	6538.4	6029.9	5521.5	5201.7	4882.0	4768.9	4655.6	4606.8	4655.6
7685.0	35°	7149.2	6613.7	6083.8	5554.1	5332.0	5110.0	5083.7	5057.3	5053.2	5057.3
8141.6	37.5°	7511.4	6881.2	6399.6	5918.1	5903.7	5889.3	6010.0	6130.7	6193.4	6130.7
8831.6	40°	8146.2	7460.8	7102.7	6744.6	6997.4	7250.2	7543.5	7836.8	7983.0	7836.8
9746.7	42.5°	9066.7	8386.6	8180.4	7974.1	8525.4	9076.6	9610.2	10143.7	10457.0	10143.7
10876.7	45°	10265.9	9654.8	9563.9	9472.7	10355.9	11239.2	12115.9	12992.8	13525.1	12992.8
12289.9	47.5°	11695.7	11101.2	11082.8	11064.3	12338.4	13612.2	14895.7	16179.0	16932.6	16179.0
14142.2	50°	13408.1	12674.2	12677.3	12680.5	14322.5	15964.4	17658.6	19352.8	20377.1	19352.8
16268.5	52.5°	15379.6	14490.9	14401.0	14311.0	16272.3	18233.7	20329.9	22425.9	23653.7	22425.9
18532.2	55°	17654.0	16775.8	16425.5	16075.1	18258.0	20440.7	22939.7	25438.6	26898.9	25438.6
20591.1	57.5°	20112.9	19634.5	18931.8	18229.2	20433.4	22637.5	25468.0	28298.2	30109.0	28298.2
21835.5	60°	22578.3	23321.2	22448.6	21575.9	23661.8	25747.6	28778.1	31808.6	33765.7	31808.6
21203.6	62.5°	23233.2	25262.8	25164.5	25066.0	26976.7	28887.7	31770.9	34654.0	36462.9	34654.0
19938.9	65°	21843.8	23748.7	24125.6	24502.3	26930.6	29359.1	32154.9	34950.5	36490.6	34950.5
18244.4	67.5°	20056.1	21867.8	22044.5	22221.1	24751.2	27281.1	30088.9	32896.7	34103.3	32896.7
16208.5	70°	18179.1	20149.8	20228.8	20307.9	22570.5	24832.9	27249.2	29665.3	30336.0	29665.3
13782.4	72.5°	16043.8	18305.3	18362.1	18418.7	20188.9	21959.1	23768.8	25578.3	25646.2	25578.3
10713.4	75°	13053.9	15394.3	15604.5	15814.6	17191.8	18569.1	19843.0	21116.9	20775.6	21116.9
7654.6	77.5°	9839.3	12024.2	12325.0	12625.7	13672.7	14719.7	15623.1	16526.8	15940.1	16526.8
5009.9	80°	6848.0	8685.9	9059.6	9433.4	10224.2	11014.5	11489.0	11963.4	11019.7	11963.4
2912.2	82.5°	4168.8	5425.5	5843.0	6260.7	6805.0	7349.2	7547.2	7745.0	7003.3	7745.0
1281.3	85°	1948.2	2615.2	2970.3	3325.5	3772.7	4219.7	4332.0	4444.4	3850.3	4444.4
396.7	87.5°	620.8	845.0	1043.1	1241.3	1464.9	1688.5	1698.1	1707.5	1433.5	1707.5
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):

325°		330°	335°	340°	345°	350°	355°	360°
4807.9	0°	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9	4807.9
5306.9	2.5°	5298.6	5282.0	5265.4	5237.5	5209.7	5189.9	5170.4
5928.8	5°	5906.5	5869.6	5832.7	5764.6	5696.7	5628.1	5559.7
6527.1	7.5°	6494.5	6434.1	6373.8	6273.6	6173.5	6062.2	5950.8
6922.9	10°	6891.1	6820.3	6749.1	6631.6	6514.0	6382.3	6250.6
7052.4	12.5°	7035.0	6983.4	6931.7	6825.8	6719.6	6576.9	6434.1
6910.7	15°	6929.1	6927.3	6925.4	6858.7	6792.1	6669.0	6545.8
6559.4	17.5°	6627.9	6702.6	6777.3	6776.2	6774.9	6691.7	6608.5
6110.5	20°	6230.7	6395.6	6560.5	6648.2	6735.8	6706.6	6677.7
5683.4	22.5°	5833.6	6076.2	6318.8	6500.4	6681.9	6719.9	6757.9
5323.0	25°	5480.9	5775.5	6070.1	6345.8	6621.4	6741.3	6861.2
5034.0	27.5°	5189.4	5515.9	5842.5	6207.4	6572.5	6787.1	7001.5
4828.0	30°	4972.0	5312.3	5652.5	6101.9	6551.3	6870.8	7190.6
4768.9	32.5°	4882.0	5201.7	5521.5	6029.9	6538.4	6976.0	7413.8
5083.7	35°	5110.0	5332.0	5554.1	6083.8	6613.7	7149.2	7685.0
6010.0	37.5°	5889.3	5903.7	5918.1	6399.6	6881.2	7511.4	8141.6
7543.5	40°	7250.2	6997.4	6744.6	7102.7	7460.8	8146.2	8831.6
9610.2	42.5°	9076.6	8525.4	7974.1	8180.4	8386.6	9066.7	9746.7
12115.9	45°	11239.2	10355.9	9472.7	9563.9	9654.8	10265.9	10876.7
14895.7	47.5°	13612.2	12338.4	11064.3	11082.8	11101.2	11695.7	12289.9
17658.6	50°	15964.4	14322.5	12680.5	12677.3	12674.2	13408.1	14142.2
20329.9	52.5°	18233.7	16272.3	14311.0	14401.0	14490.9	15379.6	16268.5
22939.7	55°	20440.7	18258.0	16075.1	16425.5	16775.8	17654.0	18532.2
25468.0	57.5°	22637.5	20433.4	18229.2	18931.8	19634.5	20112.9	20591.1
28778.1	60°	25747.6	23661.8	21575.9	22448.6	23321.2	22578.3	21835.5
31770.9	62.5°	28887.7	26976.7	25066.0	25164.5	25262.8	23233.2	21203.6
32154.9	65°	29359.1	26930.6	24502.3	24125.6	23748.7	21843.8	19938.9
30088.9	67.5°	27281.1	24751.2	22221.1	22044.5	21867.8	20056.1	18244.4
27249.2	70°	24832.9	22570.5	20307.9	20228.8	20149.8	18179.1	16208.5
23768.8	72.5°	21959.1	20188.9	18418.7	18362.1	18305.3	16043.8	13782.4
19843.0	75°	18569.1	17191.8	15814.6	15604.5	15394.3	13053.9	10713.4
15623.1	77.5°	14719.7	13672.7	12625.7	12325.0	12024.2	9839.3	7654.6
11489.0	80°	11014.5	10224.2	9433.4	9059.6	8685.9	6848.0	5009.9
7547.2	82.5°	7349.2	6805.0	6260.7	5843.0	5425.5	4168.8	2912.2
4332.0	85°	4219.7	3772.7	3325.5	2970.3	2615.2	1948.2	1281.3
1698.1	87.5°	1688.5	1464.9	1241.3	1043.1	845.0	620.8	396.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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