

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: P951988

Luminaire Tested: **GLAN-SB6A-722-U-T3R**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P951988
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6A-722-U-T3R
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III
ROADWAY OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23069 lumens
Efficiency: N/A
Efficacy: 135.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G3

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

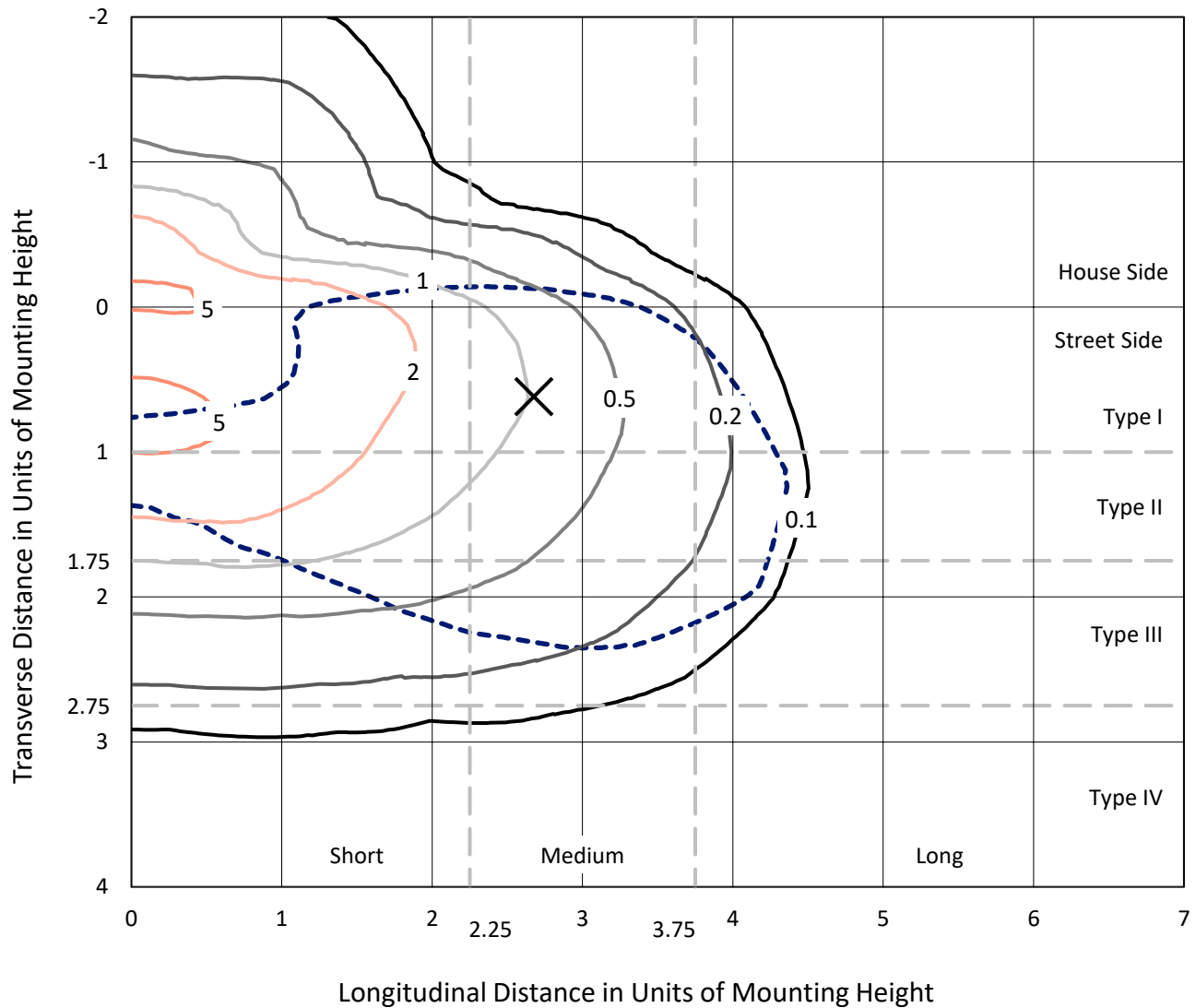


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

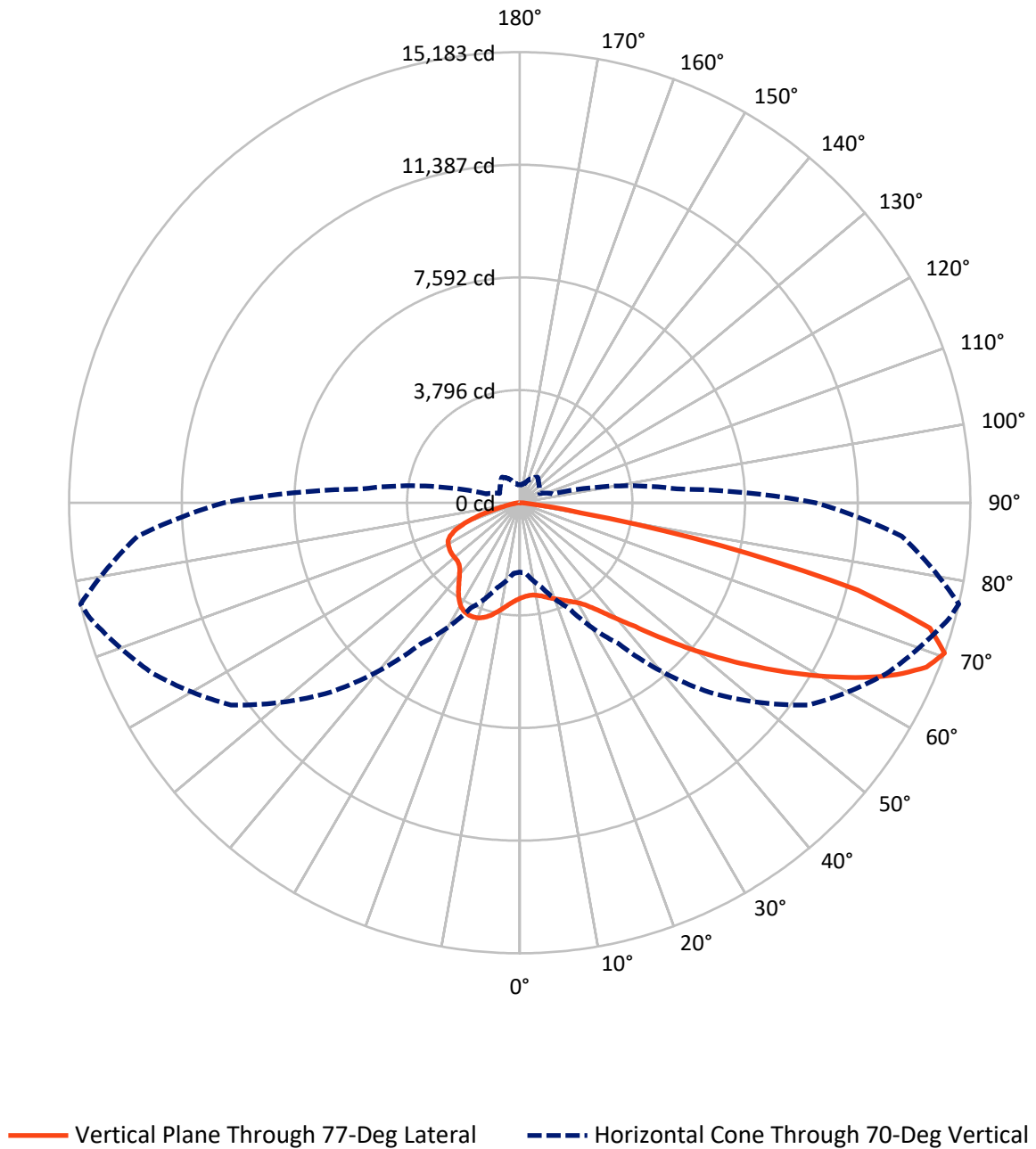


Based on 25 foot mounting height. Maximum calculated value = 6.1 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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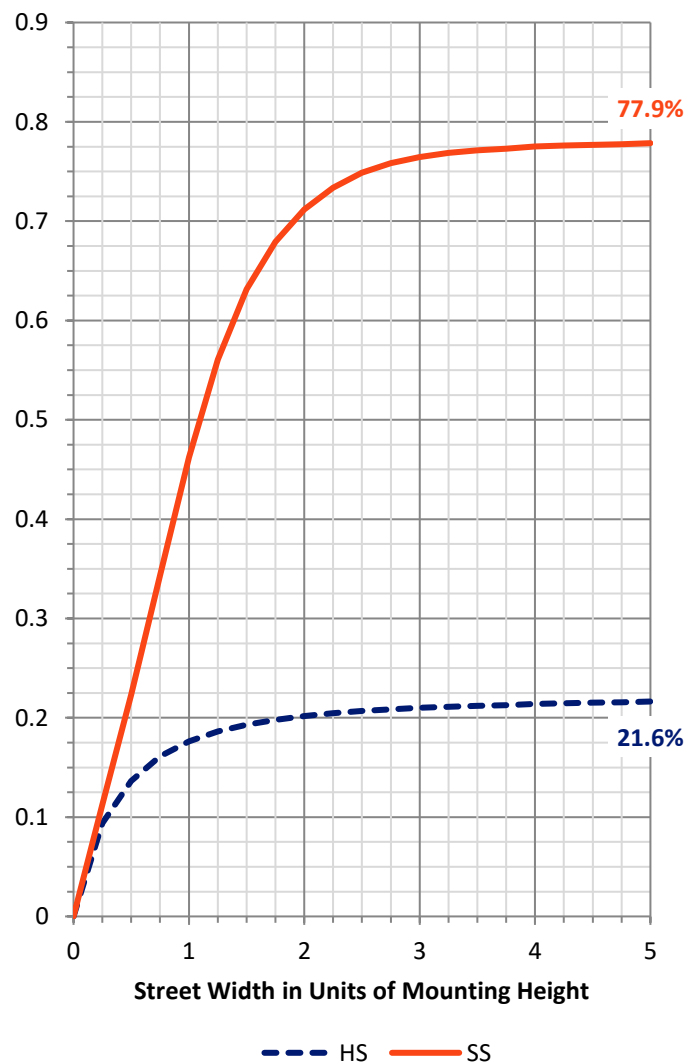
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5051.8	0.0	5051.8
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	18017.2	0.0	18017.2
	% Fixture	78.1	0.0	78.1
Total	Lumens	23069.0	0.0	23069.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	306.9	1.3
10°-20°	885.9	3.8
20°-30°	1515.0	6.6
30°-40°	2436.2	10.6
40°-50°	3803.6	16.5
50°-60°	5080.6	22.0
60°-70°	5415.2	23.5
70°-80°	3333.6	14.5
80°-90°	292.1	1.3
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°	23069.0	100.0
0°-180°	23069.0	100.0

Coefficient of Utilization



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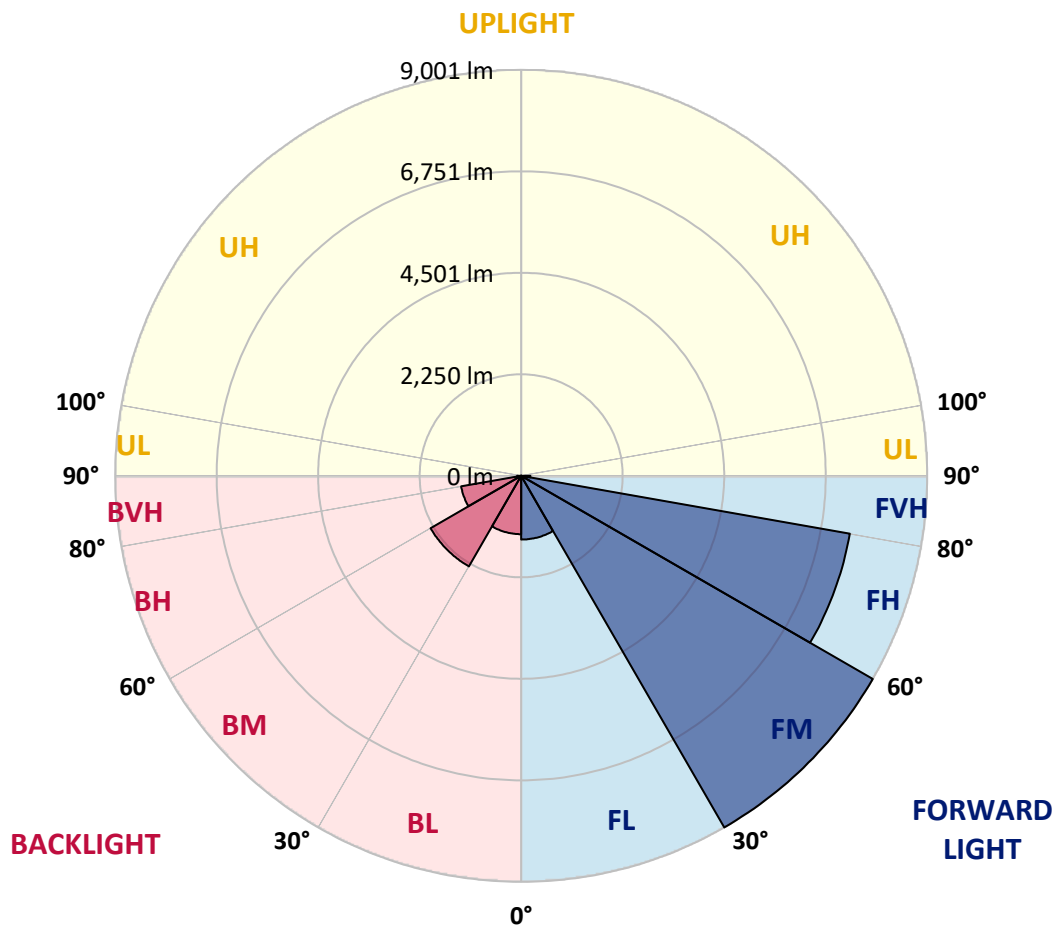
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1413.3	6.1			
FM	(30°-60°)	9001.0	39.0			
FH	(60°-80°)	7398.6	32.1			G3/7500
FVH	(80°-90°)	204.3	0.9			G2/225
BL	(0°-30°)	1294.4	5.6	B3/2500		
BM	(30°-60°)	2319.4	10.1	B2/2500		
BH	(60°-80°)	1350.1	5.9	B3/2500		G3/2500
BVH	(80°-90°)	87.9	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°
0°	3218.3	3218.3	3218.3	3218.3	3218.3	3218.3	3218.3	3218.3	3218.3	3218.3
2.5°	2966.7	2965.5	2980.9	2985.6	3013.9	3034.0	3071.8	3112.0	3164.0	3169.9
5°	2795.4	2795.4	2813.1	2832.0	2868.6	2908.8	2966.7	3036.4	3126.2	3140.4
7.5°	2650.0	2659.5	2674.9	2711.5	2754.0	2811.9	2900.5	2999.8	3117.9	3140.4
10°	2533.1	2543.7	2562.6	2592.2	2656.0	2736.3	2852.1	2979.7	3138.0	3173.4
12.5°	2496.5	2507.1	2517.7	2540.2	2599.2	2693.8	2832.0	2989.1	3186.4	3221.9
15°	2581.5	2594.5	2586.2	2580.3	2611.1	2697.3	2841.4	3023.4	3246.7	3297.5
17.5°	2777.6	2782.4	2763.5	2707.9	2703.2	2749.3	2886.3	3070.7	3322.3	3377.8
20°	3094.3	3086.0	3047.0	2937.1	2874.5	2865.1	2963.1	3141.5	3400.3	3459.4
22.5°	3524.3	3514.9	3436.9	3263.2	3123.8	3031.7	3074.2	3233.7	3487.7	3553.9
25°	4060.7	4047.7	3933.1	3696.8	3480.6	3252.6	3225.4	3355.4	3595.2	3656.7
27.5°	4686.9	4676.3	4552.2	4240.3	3928.4	3555.1	3413.3	3498.3	3707.5	3777.2
30°	5360.3	5391.1	5171.3	4835.8	4441.2	3949.7	3666.1	3674.4	3852.8	3915.4
32.5°	6151.9	6205.1	5940.5	5515.1	4976.4	4378.5	3985.1	3920.1	4064.3	4116.3
35°	6936.4	6996.7	6776.9	6306.7	5686.4	4884.2	4318.3	4202.5	4345.5	4402.2
37.5°	7614.6	7694.9	7581.5	7172.7	6446.1	5493.9	4753.1	4534.5	4691.6	4762.5
40°	8149.8	8272.7	8264.4	8009.2	7341.7	6233.5	5304.8	4944.5	5121.7	5198.5
42.5°	8584.6	8690.9	8783.1	8770.1	8276.2	7073.5	5953.4	5477.3	5612.0	5700.6
45°	8884.7	8998.1	9196.6	9410.4	9175.3	7972.6	6696.6	6109.4	6232.3	6365.8
47.5°	9152.9	9281.7	9539.2	9878.3	9938.6	8875.2	7510.6	6845.5	6957.7	7095.9
50°	9176.5	9287.6	9686.9	10167.8	10480.9	9742.4	8384.9	7671.3	7776.5	7924.1
52.5°	8605.9	8780.7	9477.8	10159.5	10730.1	10467.9	9253.3	8530.2	8648.4	8825.6
55°	6680.1	6936.4	8864.6	9842.9	10641.5	10936.9	10079.2	9443.5	9594.8	9780.2
57.5°	5753.8	5866.0	7036.9	9266.3	10237.5	11058.6	10776.2	10366.3	10609.6	10812.9
60°	5171.3	5264.6	5957.0	8369.6	9705.8	10866.0	11315.0	11226.4	11647.0	11889.2
62.5°	4547.5	4636.1	5265.8	6988.4	9025.3	10545.8	11655.2	12020.3	12710.3	12975.0
65°	3928.4	4004.0	4607.7	5871.9	8160.4	10225.7	11831.3	12706.8	13694.5	13968.6
67.5°	3238.4	3301.0	3871.7	4953.9	7108.9	9787.3	11918.7	13246.7	14551.0	14786.2
70°	2337.0	2385.4	2975.0	3917.8	5789.2	9033.6	11883.3	13629.5	14995.3	15183.1
72.5°	1104.7	1148.4	1840.7	2543.7	4089.1	7566.2	11166.1	13325.8	14543.9	14450.6
75°	589.6	627.4	1057.4	1395.3	2159.7	5186.7	9137.5	11479.2	12212.9	11759.2
77.5°	399.3	428.9	654.5	837.7	986.5	2462.2	5873.1	7947.8	7646.5	6897.4
80°	316.6	347.4	536.4	567.1	477.3	889.7	2426.7	3679.1	2643.0	2113.7
82.5°	243.4	277.6	451.3	411.2	259.9	365.1	706.5	1163.8	677.0	515.1
85°	148.9	185.5	354.4	262.3	146.5	166.6	239.8	323.7	206.8	172.5
87.5°	75.6	106.3	179.6	95.7	66.2	39.0	63.8	63.8	54.3	47.3
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):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
3218.3	0°	3218.3	3218.3	3218.3	3218.3	3218.3	3218.3	3218.3	3218.3	3218.3	3218.3
3201.8	2.5°	3230.2	3253.8	3294.0	3331.8	3361.3	3389.6	3418.0	3433.4	3438.1	3457.0
3219.5	5°	3268.0	3311.7	3389.6	3462.9	3509.0	3537.3	3557.4	3569.2	3571.6	3577.5
3268.0	7.5°	3337.7	3407.4	3516.1	3589.3	3623.6	3621.2	3612.9	3583.4	3571.6	3561.0
3338.8	10°	3435.7	3527.9	3661.4	3712.2	3690.9	3634.2	3561.0	3474.7	3434.5	3395.6
3435.7	12.5°	3557.4	3674.4	3805.5	3803.2	3698.0	3552.7	3382.6	3250.2	3166.4	3106.1
3555.1	15°	3705.1	3839.8	3940.2	3859.9	3629.5	3368.4	3119.1	2946.6	2871.0	2804.8
3675.6	17.5°	3857.5	4001.7	4047.7	3842.2	3457.0	3095.5	2813.1	2677.2	2602.8	2567.3
3805.5	20°	4006.4	4149.3	4111.5	3740.5	3194.7	2785.9	2534.3	2459.8	2444.5	2452.7
3931.9	22.5°	4163.5	4291.1	4124.5	3544.4	2860.3	2469.3	2331.0	2333.4	2367.7	2392.5
4064.3	25°	4324.2	4410.4	4090.3	3260.9	2501.2	2236.5	2202.3	2240.1	2307.4	2355.9
4213.1	27.5°	4479.0	4516.8	4015.8	2910.0	2192.8	2069.9	2075.9	2153.8	2255.4	2322.8
4393.9	30°	4653.8	4611.3	3872.9	2515.4	1979.0	1927.0	1976.6	2067.6	2169.2	2229.4
4621.9	32.5°	4851.1	4692.8	3646.0	2150.3	1827.7	1812.4	1893.9	1953.0	1997.9	2015.6
4924.4	35°	5096.9	4807.4	3355.4	1893.9	1691.9	1728.5	1806.5	1776.9	1759.2	1749.8
5330.8	37.5°	5415.9	4962.2	3015.1	1727.3	1582.0	1668.2	1700.1	1608.0	1538.3	1504.0
5823.5	40°	5799.9	5189.0	2687.9	1598.5	1512.3	1616.3	1560.7	1449.7	1361.1	1312.6
6377.6	42.5°	6226.4	5426.5	2412.6	1501.7	1473.3	1573.7	1457.9	1325.6	1182.7	1167.3
7038.0	45°	6674.1	5671.1	2224.7	1427.2	1454.4	1537.1	1398.9	1185.0	1083.4	1146.0
7700.8	47.5°	7121.9	5895.6	2111.3	1371.7	1444.9	1495.7	1346.9	1107.0	1035.0	1125.9
8410.9	50°	7620.5	6096.4	2060.5	1331.5	1434.3	1479.2	1268.9	1087.0	984.2	1044.4
9145.8	52.5°	8115.5	6252.4	2022.7	1291.4	1419.0	1466.2	1231.1	1063.3	922.7	926.3
9885.4	55°	8609.4	6354.0	1981.3	1238.2	1384.7	1437.9	1227.6	1037.3	876.7	860.1
10667.5	57.5°	9136.3	6411.9	1930.5	1179.1	1325.6	1365.8	1224.0	1017.2	862.5	835.3
11467.4	60°	9672.7	6496.9	1864.4	1107.0	1246.5	1279.5	1215.7	1010.2	854.2	808.1
12221.2	62.5°	10153.6	6526.5	1785.2	1038.5	1144.8	1194.5	1198.0	1004.3	831.8	752.6
12847.4	65°	10469.0	6398.9	1647.0	960.5	1035.0	1107.0	1163.8	984.2	791.6	712.4
13156.9	67.5°	10456.0	6035.0	1430.8	860.1	928.6	1010.2	1114.1	949.9	743.1	662.8
12923.0	70°	9969.3	5316.6	1156.7	743.1	811.7	906.2	1050.3	899.1	685.3	608.5
11491.0	72.5°	8550.3	4161.2	840.0	606.1	675.8	798.7	967.6	837.7	626.2	560.0
8492.4	75°	6108.2	2633.5	569.5	465.5	525.8	677.0	864.8	765.6	571.8	562.4
4253.3	77.5°	3120.3	1258.3	376.9	340.3	366.3	534.0	726.6	684.1	580.1	464.3
1209.8	80°	1014.9	464.3	237.5	231.6	243.4	355.6	562.4	561.2	439.5	315.5
293.0	82.5°	323.7	199.7	154.8	148.9	143.0	223.3	392.2	444.2	296.6	199.7
105.2	85°	128.8	119.3	91.0	83.9	60.3	105.2	205.6	295.4	220.9	144.1
27.2	87.5°	47.3	47.3	24.8	17.7	13.0	35.4	55.5	88.6	126.4	74.4
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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180°
3218.3
3467.6
3587.0
3563.3
3383.7
3091.9
2797.7
2578.0
2449.2
2398.4
2368.9
2339.3
2243.6
2025.0
1759.2
1512.3
1316.2
1182.7
1179.1
1168.5
1089.3
951.1
871.9
838.8
811.7
752.6
712.4
666.4
615.5
556.5
530.5
413.5
278.8
198.5
147.7
73.3
0.0

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