

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: P956269

Luminaire Tested: **GLAN-SB9A-722-U-T2U-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P956269
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB9A-722-U-T2U-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II U
OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25795 lumens
Efficiency: N/A
Efficacy: 101.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G3

Input Watts (W): 255.5
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



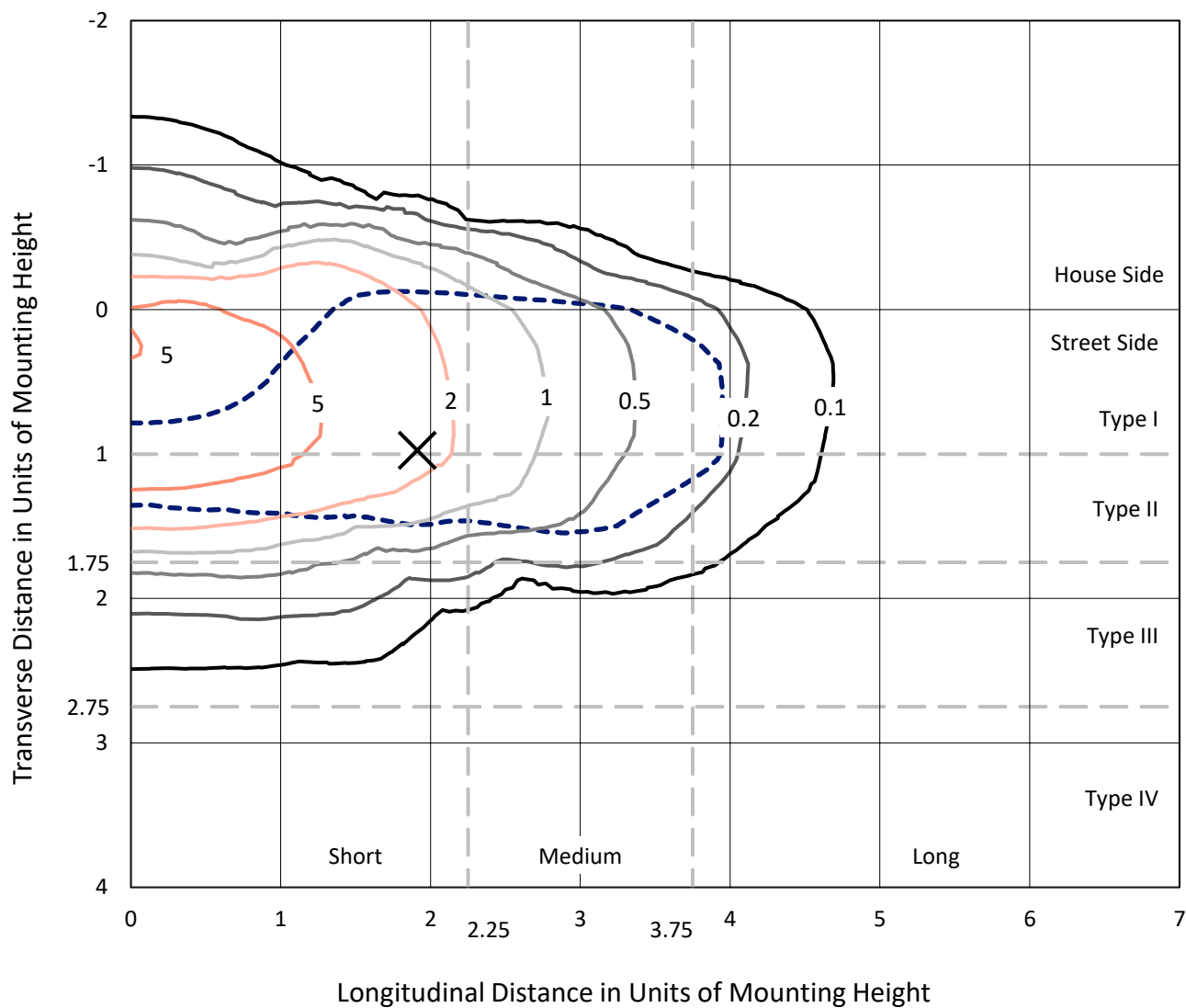
REPORT NUMBER: P956269

CATALOG NUMBER: GLAN-SB9A-722-U-T2U-HSS

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

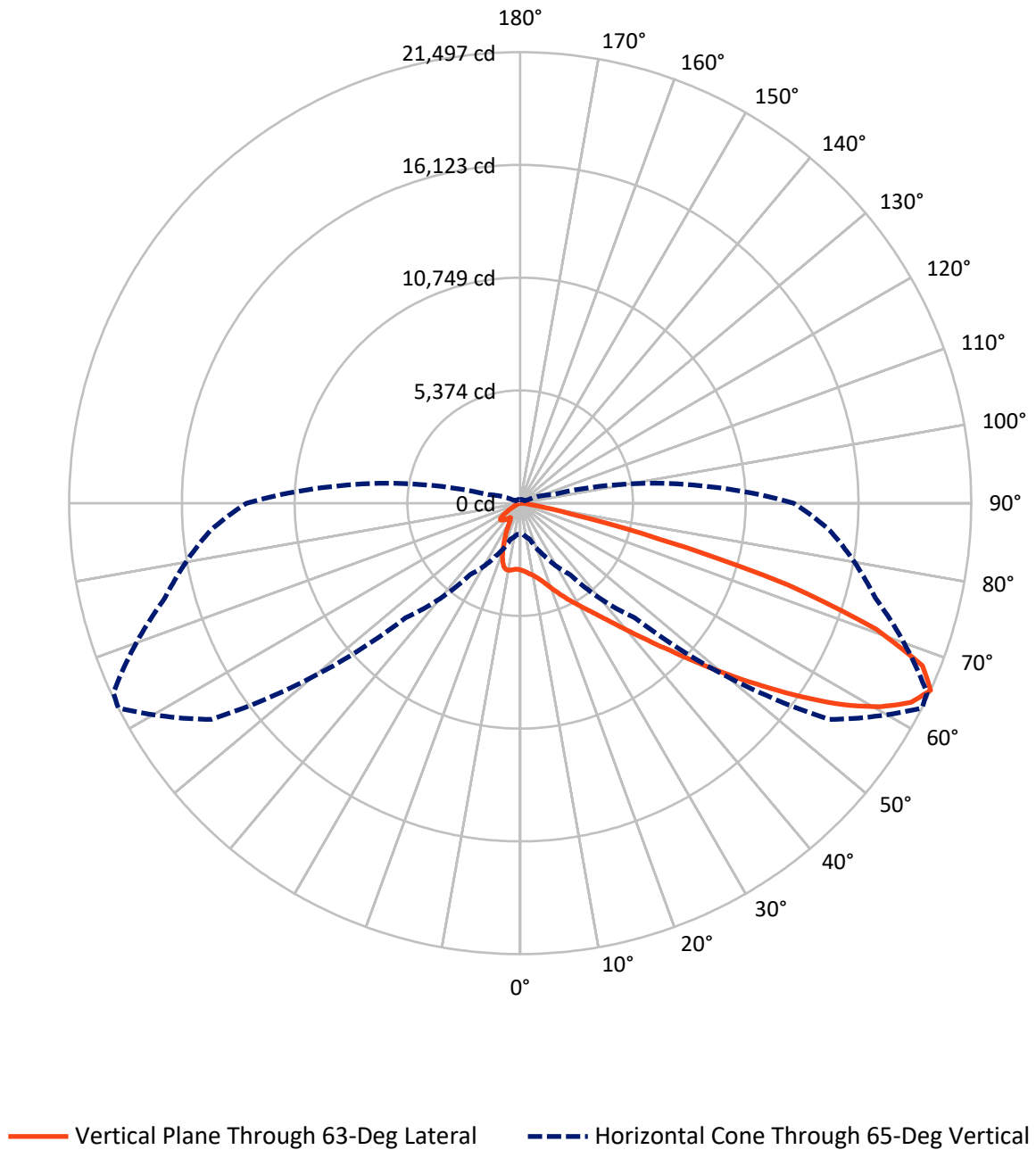
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.7 fc
 Type II - Short - N/A

REPORT NUMBER: P956269
CATALOG NUMBER: GLAN-SB9A-722-U-T2U-HSS

Luminous Intensity Polar Plot



REPORT NUMBER: P956269

CATALOG NUMBER: GLAN-SB9A-722-U-T2U-HSS

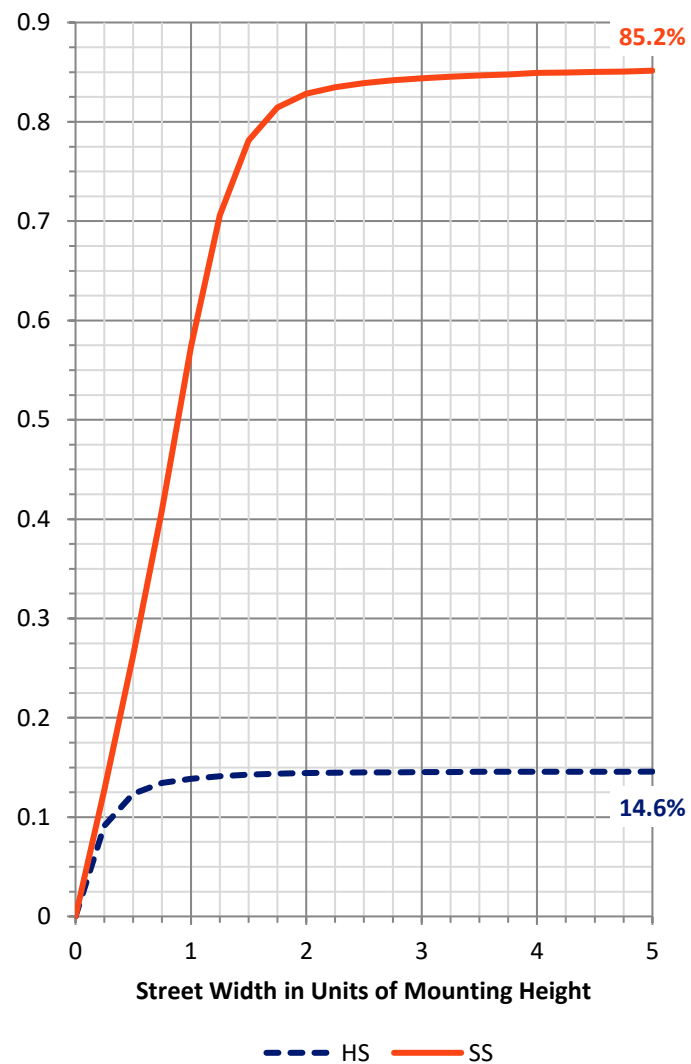
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3791.7	0.0	3791.7
	% Fixture	14.7	0.0	14.7
Street Side	Lumens	22003.3	0.0	22003.3
	% Fixture	85.3	0.0	85.3
Total	Lumens	25795.0	0.0	25795.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	300.0	1.2
10°-20°	832.3	3.2
20°-30°	1449.2	5.6
30°-40°	2612.0	10.1
40°-50°	5180.4	20.1
50°-60°	7056.6	27.4
60°-70°	5632.5	21.8
70°-80°	2548.8	9.9
80°-90°	183.2	0.7
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°	25795.0	100.0
0°-180°	25795.0	100.0

Coefficient of Utilization



REPORT NUMBER: P956269

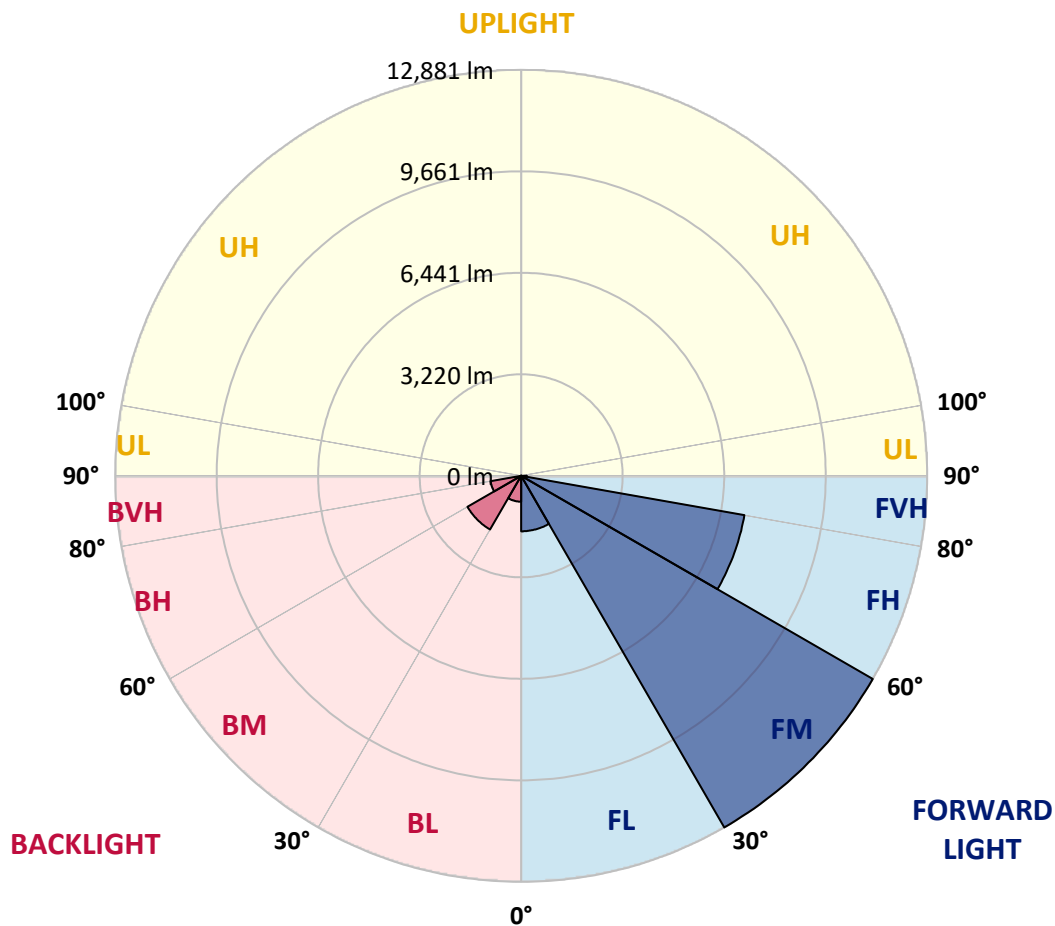
CATALOG NUMBER: GLAN-SB9A-722-U-T2U-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1760.8	6.8			
FM	(30°-60°)	12881.4	49.9			
FH	(60°-80°)	7191.5	27.9			G3/7500
FVH	(80°-90°)	169.6	0.7			G2/225
BL	(0°-30°)	820.6	3.2	B2/1000		
BM	(30°-60°)	1967.6	7.6	B2/2500		
BH	(60°-80°)	989.9	3.8	B2/1000		G2/1000
BVH	(80°-90°)	13.6	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type II Short



REPORT NUMBER: P956269

CATALOG NUMBER: GLAN-SB9A-722-U-T2U-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°
0°	3183.6	3183.6	3183.6	3183.6	3183.6	3183.6	3183.6	3183.6	3183.6	3183.6
2.5°	3258.1	3249.2	3261.7	3256.3	3252.8	3245.7	3242.2	3238.6	3231.5	3226.2
5°	3267.0	3261.7	3274.1	3284.7	3295.4	3306.0	3311.4	3318.5	3311.4	3297.2
7.5°	3192.5	3188.9	3215.5	3247.5	3295.4	3336.2	3380.6	3405.4	3407.2	3401.9
10°	3187.1	3178.3	3204.9	3243.9	3306.0	3378.8	3456.9	3510.1	3517.2	3540.3
12.5°	3270.5	3261.7	3298.9	3341.5	3405.4	3481.7	3577.5	3652.1	3662.7	3694.7
15°	3410.7	3398.3	3440.9	3495.9	3577.5	3664.5	3765.7	3833.1	3842.0	3881.0
17.5°	3574.0	3561.6	3611.3	3669.8	3758.6	3877.4	3994.6	4069.1	4079.8	4104.6
20°	3783.4	3767.4	3806.5	3859.7	3953.8	4095.7	4235.9	4342.4	4340.6	4340.6
22.5°	4026.5	4001.7	4035.4	4078.0	4166.7	4338.8	4525.2	4651.2	4651.2	4601.5
25°	4287.4	4262.5	4299.8	4338.8	4416.9	4612.1	4830.4	4986.6	4993.7	4908.5
27.5°	4613.9	4582.0	4610.3	4656.5	4702.6	4901.4	5160.5	5341.5	5345.0	5213.7
30°	5242.1	5151.6	5062.9	5013.2	5034.5	5231.5	5508.3	5708.8	5726.6	5545.6
32.5°	6392.0	6374.3	6062.0	5653.8	5440.9	5586.4	5896.9	6138.3	6148.9	5916.4
35°	8179.0	8157.7	7655.5	6878.3	6184.4	6062.0	6369.0	6654.7	6647.6	6384.9
37.5°	10312.1	10292.5	9630.6	8590.7	7467.4	6780.7	6977.6	7277.5	7321.9	6977.6
40°	12134.6	12061.8	11643.0	10640.4	9171.0	7973.2	7843.6	8042.4	8088.5	7680.4
42.5°	13515.2	13453.1	13240.1	12613.7	11233.1	9737.1	8864.0	8940.3	8991.8	8502.0
45°	14230.3	14216.1	14301.3	14242.8	13334.2	11902.1	10322.7	10005.1	10024.6	9412.4
47.5°	14331.5	14324.4	14713.0	15263.1	15140.7	14343.9	12194.9	11332.4	11263.2	10439.8
50°	13735.2	13721.0	14466.3	15497.4	16347.4	16395.3	14320.8	12828.4	12675.8	11502.8
52.5°	11831.1	11827.6	13052.0	14768.0	16771.5	18191.2	16421.9	14471.7	14216.1	12627.9
55°	9103.6	9169.2	10572.9	12601.3	15997.8	19055.4	18308.3	16295.9	15903.8	13760.1
57.5°	6448.8	6544.6	7932.4	9738.9	13598.6	18544.3	19584.2	18123.8	17701.4	14888.7
60°	3464.0	3549.2	4938.6	7094.8	10116.9	16638.4	20256.8	19710.2	19310.9	15960.5
62.5°	2063.8	2092.2	2667.2	4580.2	6842.8	12711.3	19971.1	20918.7	20590.4	16860.3
65°	1481.8	1487.1	1776.4	2796.7	4154.3	7723.0	17967.6	21497.2	21396.1	17538.1
67.5°	1247.5	1244.0	1364.6	1858.0	2830.4	3868.6	13770.7	20679.1	21108.6	17967.6
70°	1070.1	1075.4	1217.4	1361.1	2127.7	2189.8	6846.3	18004.9	18920.5	18081.2
72.5°	796.8	814.5	945.8	1240.4	1606.0	1506.6	2363.7	13350.1	15005.8	17035.9
75°	562.5	571.4	665.5	1043.5	1197.8	1096.7	1206.7	6901.3	9023.7	13060.9
77.5°	433.0	449.0	504.0	729.4	1180.1	770.2	738.2	2388.6	3669.8	7889.8
80°	234.2	262.6	363.8	527.0	828.7	544.8	365.6	951.2	1244.0	3689.3
82.5°	120.7	134.9	253.8	379.8	472.0	475.6	181.0	395.7	512.9	1139.3
85°	47.9	58.6	170.4	209.4	243.1	234.2	81.6	159.7	184.6	315.9
87.5°	10.6	17.7	62.1	47.9	46.1	49.7	19.5	37.3	35.5	37.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P956269

CATALOG NUMBER: GLAN-SB9A-722-U-T2U-HSS

CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
3183.6	0°	3183.6	3183.6	3183.6	3183.6	3183.6	3183.6	3183.6	3183.6	3183.6	3183.6
3204.9	2.5°	3203.1	3196.0	3176.5	3155.2	3130.4	3116.2	3107.3	3105.5	3093.1	3084.2
3275.9	5°	3256.3	3249.2	3212.0	3167.6	3119.7	3082.4	3046.9	3015.0	2968.9	2960.0
3378.8	7.5°	3362.8	3343.3	3283.0	3222.6	3132.1	3023.9	2892.6	2741.7	2606.9	2566.0
3515.4	10°	3494.1	3467.5	3391.2	3284.7	3084.2	2789.6	2472.0	2177.4	1943.2	1877.5
3676.9	12.5°	3643.2	3620.1	3519.0	3322.0	2883.7	2349.5	1863.3	1497.7	1270.6	1213.8
3849.1	15°	3820.7	3786.9	3646.8	3265.2	2525.2	1785.2	1279.5	1063.0	981.3	970.7
4046.0	17.5°	4008.8	3953.8	3760.3	3061.1	2042.5	1268.8	988.4	926.3	890.8	880.2
4244.8	20°	4180.9	4109.9	3827.8	2752.4	1526.1	988.4	885.5	844.7	812.8	800.3
4443.5	22.5°	4353.0	4251.9	3827.8	2331.8	1144.6	876.6	812.8	775.5	738.2	722.3
4656.5	25°	4532.3	4397.4	3760.3	1863.3	921.0	803.9	743.5	702.7	670.8	651.3
4858.8	27.5°	4706.2	4519.8	3605.9	1419.7	819.9	740.0	679.7	640.6	610.5	596.3
5078.8	30°	4871.2	4640.5	3389.4	1077.2	754.2	677.9	621.1	587.4	557.2	543.0
5364.5	32.5°	5094.8	4793.1	3158.7	883.7	697.4	619.3	567.9	535.9	509.3	498.7
5735.4	35°	5405.4	5018.5	2960.0	867.8	649.5	571.4	520.0	489.8	463.2	454.3
6214.6	37.5°	5845.5	5382.3	2855.3	974.2	610.5	528.8	480.9	449.0	424.1	417.0
6823.2	40°	6388.5	5875.6	2912.1	1080.7	583.8	491.6	445.4	413.5	392.2	383.3
7522.4	42.5°	7032.6	6484.3	3226.2	1162.3	566.1	459.6	411.7	376.2	362.0	358.5
8315.7	45°	7772.6	7153.3	3707.1	1249.3	537.7	429.4	378.0	351.4	340.7	338.9
9178.1	47.5°	8613.8	7888.0	4264.3	1357.6	509.3	401.1	351.4	333.6	324.7	321.2
10077.8	50°	9447.8	8628.0	4837.5	1417.9	486.2	374.4	330.1	315.9	308.8	307.0
11029.0	52.5°	10320.9	9389.3	5300.7	1361.1	466.7	353.1	312.3	301.7	294.6	292.8
11905.6	55°	11153.2	10005.1	5380.5	1155.2	427.7	331.8	292.8	287.5	278.6	278.6
12794.7	57.5°	11870.1	10313.8	4816.2	848.2	388.6	299.9	273.3	268.0	260.9	259.1
13596.8	60°	12528.5	10225.1	3717.7	571.4	346.0	268.0	248.4	244.9	237.8	228.9
14294.2	62.5°	12899.4	9834.7	2543.0	372.7	303.5	234.2	220.0	218.3	202.3	184.6
14810.6	65°	13039.6	9032.6	1586.5	271.5	253.8	200.5	189.9	186.3	163.3	143.7
15103.4	67.5°	12917.1	7712.3	800.3	214.7	200.5	166.8	156.2	156.2	140.2	122.4
15085.7	70°	12427.4	5781.6	337.2	172.1	154.4	127.8	127.8	134.9	118.9	99.4
14303.1	72.5°	11364.4	3889.9	179.2	131.3	115.3	90.5	104.7	110.0	94.1	74.5
11706.9	75°	9034.4	2372.6	124.2	97.6	72.8	63.9	79.9	83.4	63.9	49.7
8026.4	77.5°	6179.1	1362.9	83.4	62.1	46.1	37.3	55.0	51.5	33.7	23.1
3094.9	80°	2713.3	567.9	47.9	28.4	17.7	14.2	19.5	14.2	10.6	7.1
424.1	82.5°	317.6	133.1	17.7	10.6	7.1	3.5	1.8	0.0	0.0	0.0
129.5	85°	65.7	16.0	8.9	3.5	1.8	0.0	0.0	0.0	0.0	0.0
23.1	87.5°	12.4	3.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END O

180°
3183.6
3093.1
2956.4
2546.5
1852.7
1197.8
960.0
874.9
793.2
713.4
644.2
596.3
544.8
498.7
454.3
415.3
381.5
358.5
337.2
321.2
307.0
292.8
276.8
257.3
227.1
181.0
142.0
120.7
97.6
74.5
47.9
24.8
7.1
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