

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: P852822

Luminaire Tested: **GLAN-SB6C-930-U-T4FT-HSS**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P852822
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-25)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6C-930-U-T4FT-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 90 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV
FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23198 lumens
Efficiency: N/A
Efficacy: 77.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G4

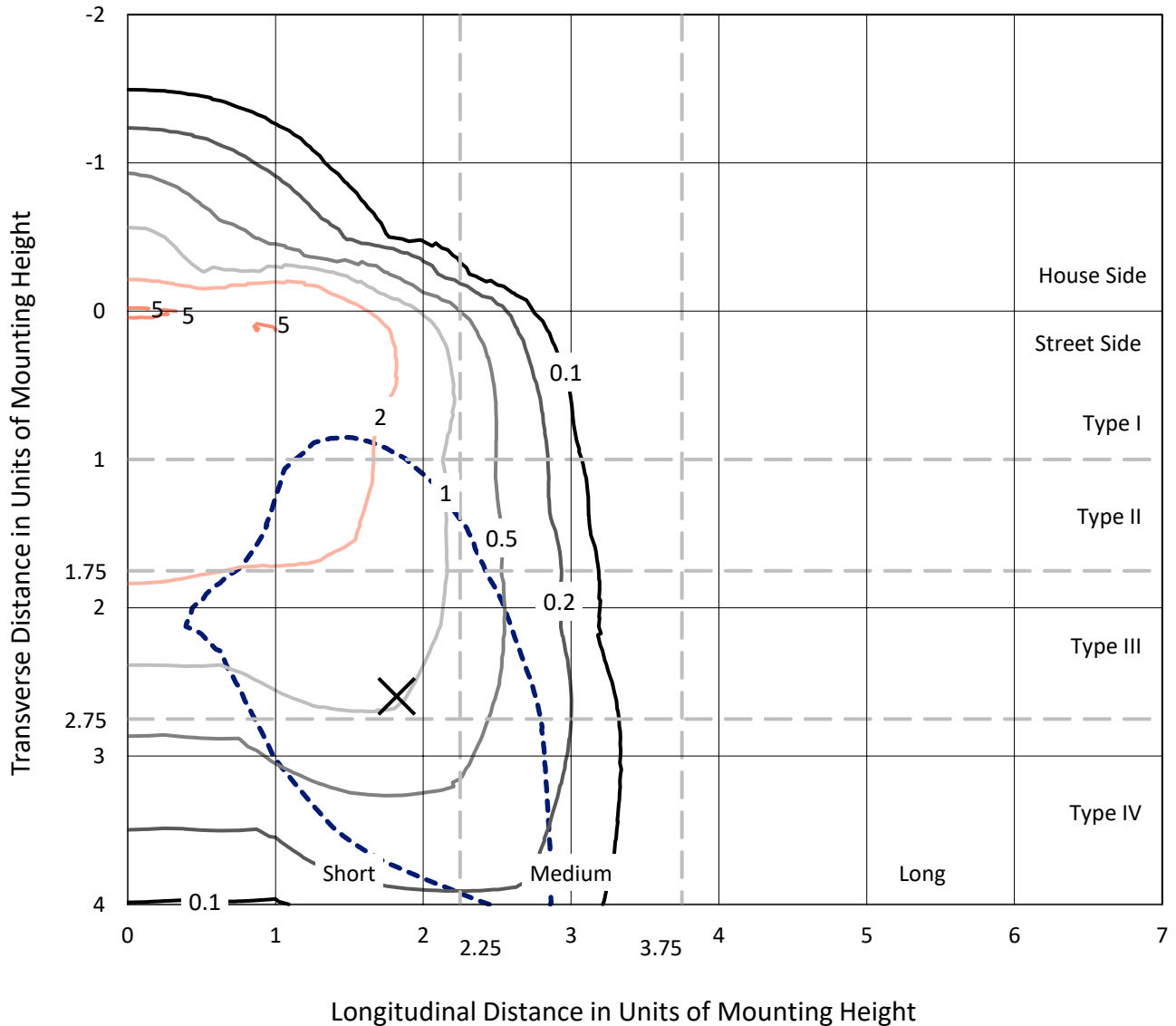
Input Watts (W): 300.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

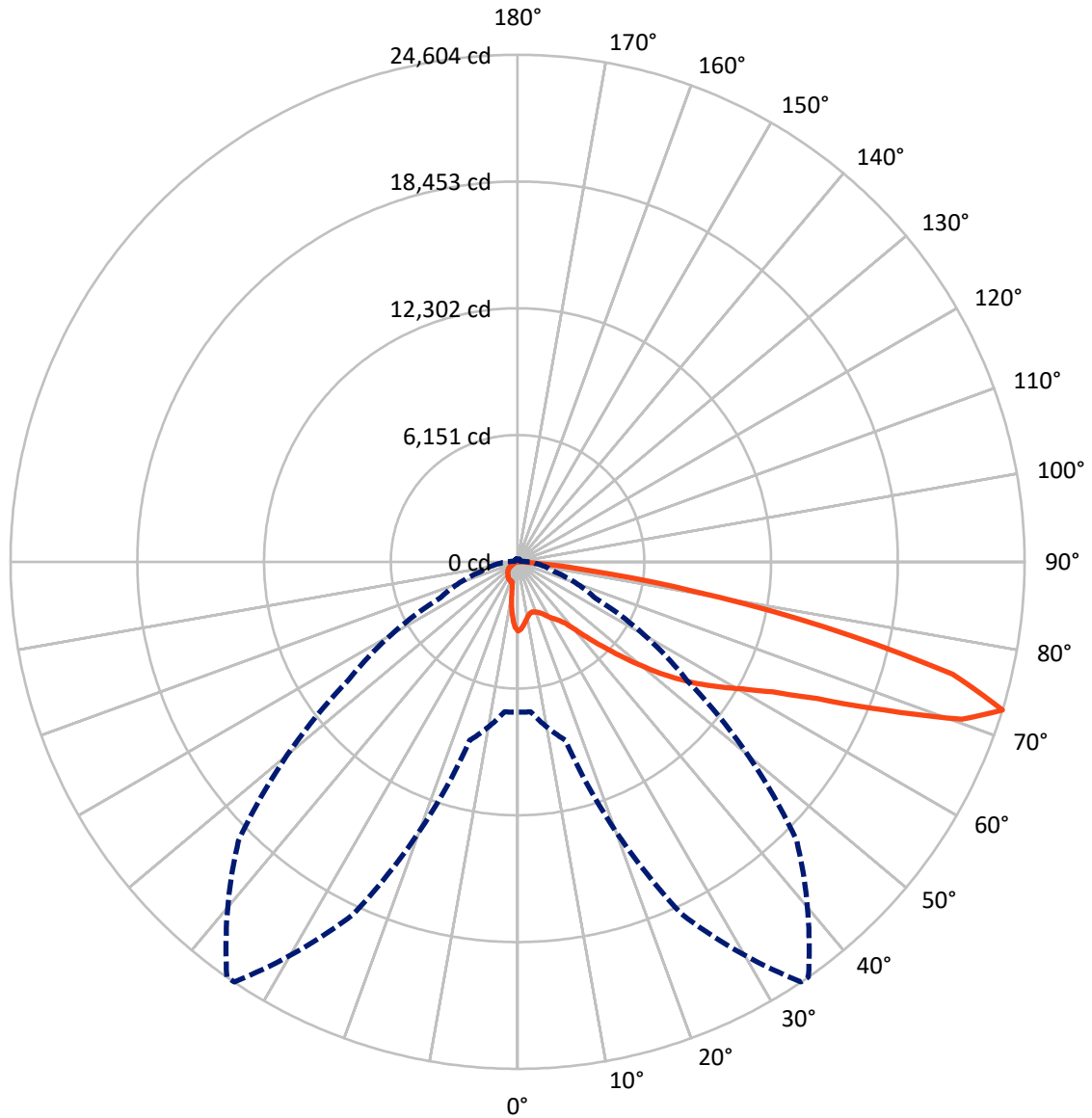
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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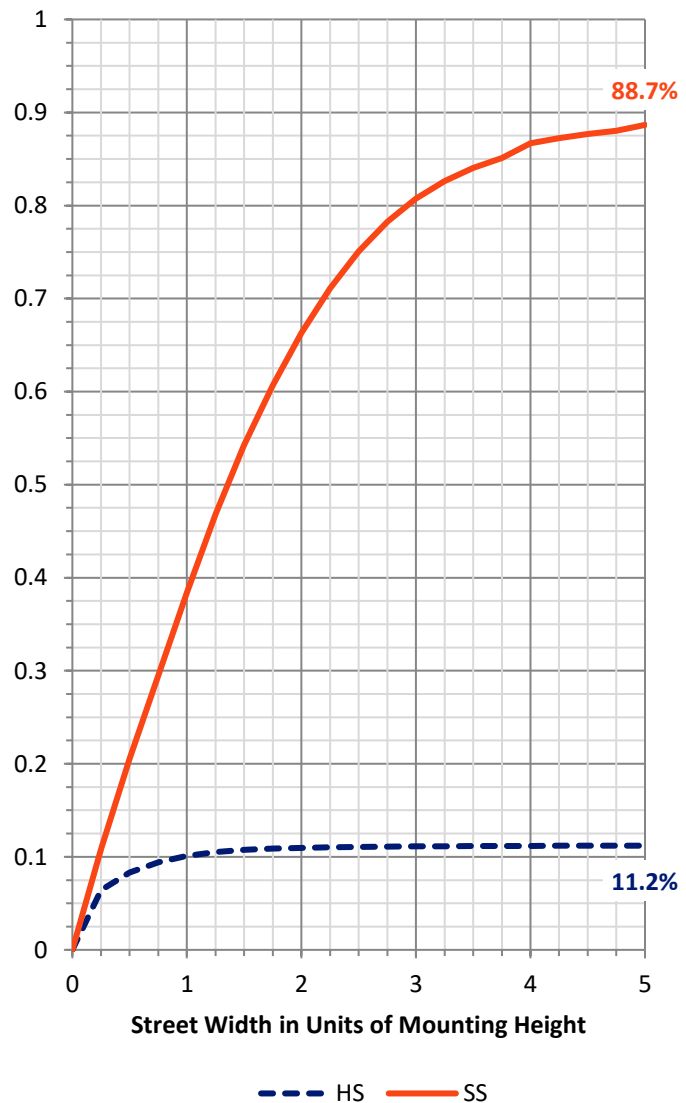
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2610.8	0.0	2610.8
	% Fixture	11.3	0.0	11.3
Street Side	Lumens	20587.2	0.0	20587.2
	% Fixture	88.7	0.0	88.7
Total	Lumens	23198.0	0.0	23198.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	276.3	1.2
10°-20°	646.3	2.8
20°-30°	1049.9	4.5
30°-40°	1751.8	7.6
40°-50°	3314.5	14.3
50°-60°	5266.7	22.7
60°-70°	6515.3	28.1
70°-80°	4049.9	17.5
80°-90°	327.3	1.4
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°	23198.0	100.0
0°-180°	23198.0	100.0

Coefficient of Utilization

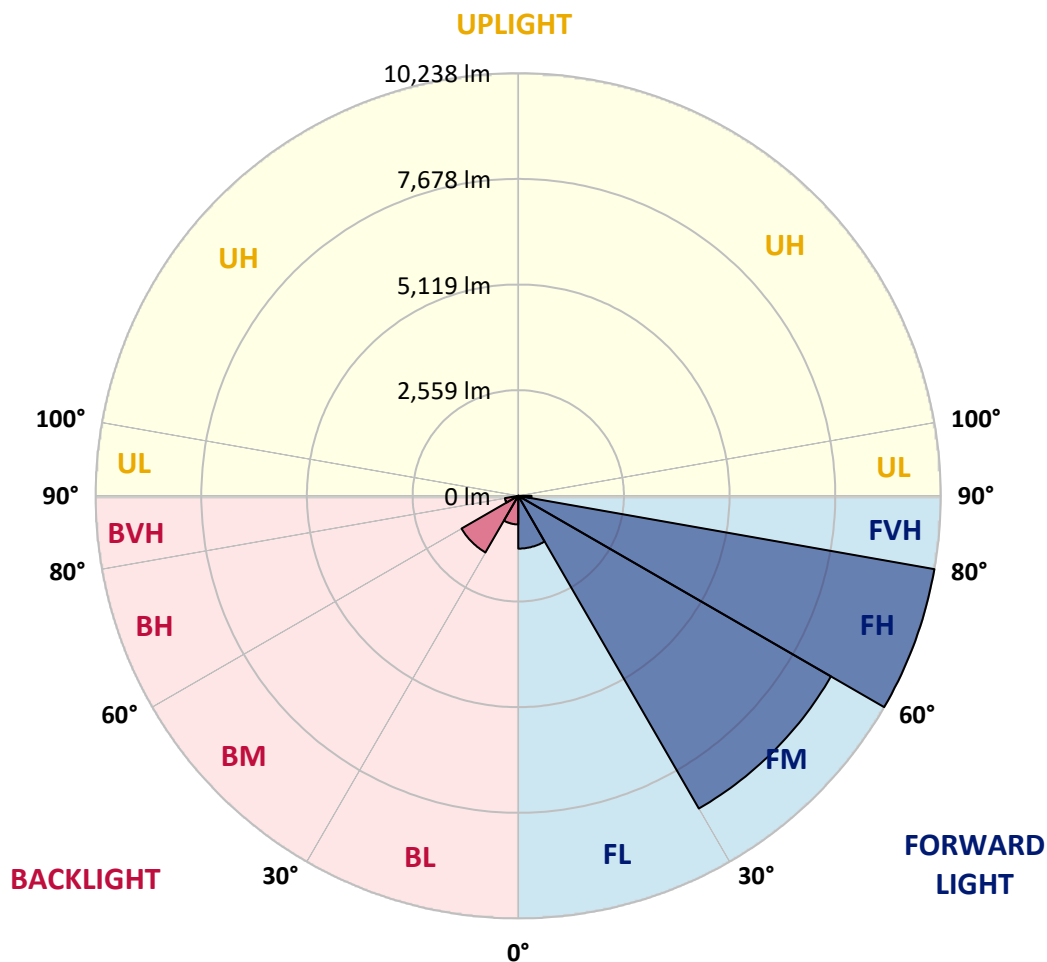


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1278.8	5.5			
FM (30°-60°)	8748.0	37.7			
FH (60°-80°)	10237.6	44.1			G4/12000
FVH (80°-90°)	322.9	1.4			G3/500
BL (0°-30°)	693.8	3.0	B2/1000		
BM (30°-60°)	1585.0	6.8	B2/2500		
BH (60°-80°)	327.6	1.4	B1/500		G1/500
BVH (80°-90°)	4.5	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4
 Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°
0°	3362.2	3362.2	3362.2	3362.2	3362.2	3362.2	3362.2	3362.2	3362.2	3362.2
2.5°	3212.6	3239.8	3244.9	3253.4	3253.4	3263.6	3280.6	3304.4	3343.5	3363.9
5°	2961.0	2981.4	3006.9	3027.3	3066.4	3071.5	3137.8	3202.4	3292.5	3360.5
7.5°	2707.8	2731.5	2765.5	2814.8	2865.8	2881.1	2981.4	3090.2	3233.0	3360.5
10°	2529.3	2531.0	2561.6	2610.9	2692.5	2711.2	2833.5	2988.2	3166.7	3340.1
12.5°	2429.0	2440.9	2454.5	2491.9	2570.1	2582.0	2712.9	2894.7	3100.4	3328.2
15°	2429.0	2437.5	2446.0	2464.7	2527.6	2537.8	2653.4	2835.2	3066.4	3333.3
17.5°	2454.5	2468.1	2461.3	2483.4	2549.7	2556.5	2658.5	2818.2	3064.7	3365.6
20°	2515.7	2525.9	2512.3	2525.9	2592.2	2605.8	2711.2	2850.5	3093.6	3421.7
22.5°	2612.6	2617.7	2585.4	2595.6	2663.6	2680.6	2802.9	2942.3	3163.3	3511.7
25°	2734.9	2745.1	2695.9	2707.8	2772.3	2792.7	2933.8	3080.0	3273.8	3635.8
27.5°	2876.0	2881.1	2838.6	2836.9	2920.2	2949.1	3091.9	3250.0	3421.7	3792.2
30°	3037.5	3052.8	3012.0	3005.2	3110.6	3134.4	3275.5	3459.1	3639.2	4026.8
32.5°	3165.0	3176.9	3153.1	3170.1	3277.2	3295.9	3498.2	3754.8	3980.9	4359.9
35°	3348.6	3355.4	3301.0	3331.6	3454.0	3501.6	3802.4	4169.6	4410.9	4778.1
37.5°	4013.2	4013.2	3782.0	3630.7	3748.0	3790.5	4218.9	4691.4	4941.3	5339.0
40°	4932.8	4917.5	4579.2	4269.9	4254.6	4337.8	4812.1	5349.2	5626.3	6012.1
42.5°	5913.5	5889.7	5429.1	5123.1	5072.1	5101.0	5497.1	6160.0	6442.2	6833.1
45°	6783.8	6777.0	6355.5	5944.1	5852.3	5944.1	6352.1	7108.5	7310.8	7722.1
47.5°	7513.0	7513.0	7205.4	6936.8	6889.2	6943.6	7509.6	8160.7	8142.0	8668.9
50°	8352.7	8345.9	8053.6	7938.0	7987.3	8063.8	8842.3	9268.9	9002.0	9598.7
52.5°	8940.9	8981.6	8881.4	8862.7	9114.2	9246.8	10195.3	10353.4	9772.0	10480.9
55°	9406.6	9454.2	9569.8	9700.7	10185.1	10358.5	11505.8	11381.7	10416.3	11245.8
57.5°	10066.1	9998.1	10176.6	10435.0	11218.6	11427.6	12775.6	12352.3	10934.7	11866.2
60°	10866.7	10876.9	10907.5	11233.9	12250.3	12518.9	14026.6	13270.2	11267.9	12246.9
62.5°	11828.8	11844.1	11907.0	12408.4	13635.6	13888.9	15359.2	14021.5	11420.8	12139.8
65°	11762.5	11827.1	12529.1	14244.2	15741.7	15991.5	16914.5	14548.4	11189.7	11160.8
67.5°	10715.4	10820.8	11995.4	16436.9	18916.9	19195.6	18794.5	14652.1	10191.9	8679.1
70°	9342.0	9379.4	10791.9	18408.6	22593.5	22875.7	20477.3	13511.6	7734.0	4841.0
72.5°	7295.5	7304.0	8961.2	18865.9	24589.0	24604.3	19156.5	10030.4	4159.4	1859.6
75°	5211.5	5160.5	6001.9	15299.7	21633.1	21806.5	14361.5	4705.0	1589.3	878.8
77.5°	2794.4	2850.5	3396.2	9073.4	14944.5	15240.2	7836.0	1356.4	809.1	598.3
80°	863.5	911.1	1392.1	4154.3	8464.9	8643.4	2904.9	603.4	564.3	426.6
82.5°	272.0	282.2	649.3	1745.7	3513.4	3595.0	841.4	341.7	385.9	282.2
85°	78.2	79.9	289.0	651.0	868.6	885.6	236.3	132.6	221.0	175.1
87.5°	8.5	27.2	108.8	108.8	76.5	74.8	25.5	28.9	62.9	22.1
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°
3362.2	0°	3362.2	3362.2	3362.2	3362.2	3362.2	3362.2	3362.2	3362.2	3362.2	3362.2
3377.5	2.5°	3369.0	3370.7	3348.6	3311.2	3270.4	3236.4	3193.9	3159.9	3136.1	3129.3
3408.1	5°	3392.8	3380.9	3318.0	3204.1	3068.1	2950.8	2819.9	2716.3	2648.3	2619.4
3440.4	7.5°	3428.5	3394.5	3256.8	3032.4	2772.3	2541.2	2306.6	2124.7	2009.1	1951.3
3471.0	10°	3459.1	3391.1	3154.8	2784.2	2386.5	2036.3	1720.2	1500.9	1378.5	1320.7
3506.6	12.5°	3488.0	3389.4	3022.2	2490.2	1951.3	1523.0	1228.9	1120.2	1086.2	1074.3
3564.4	15°	3542.3	3394.5	2855.6	2153.6	1517.9	1150.8	1043.7	1042.0	1048.8	1045.4
3652.8	17.5°	3617.1	3399.6	2667.0	1796.7	1171.1	1014.8	1009.7	1025.0	1035.2	1030.1
3763.3	20°	3714.0	3420.0	2466.4	1443.1	1006.3	980.8	992.7	1006.3	1014.8	1006.3
3911.2	22.5°	3850.0	3455.7	2247.1	1159.3	953.6	960.4	970.6	985.9	994.4	982.5
4099.9	25°	4016.6	3511.7	2031.2	1008.0	928.1	936.6	951.9	968.9	979.1	967.2
4337.8	27.5°	4232.5	3601.8	1832.4	974.0	902.6	907.7	929.8	955.3	968.9	953.6
4676.1	30°	4545.2	3749.7	1660.7	989.3	887.3	875.4	906.0	941.7	957.0	943.4
5136.7	32.5°	4960.0	3958.8	1555.3	1013.1	880.5	838.0	866.9	912.8	938.3	929.8
5738.5	35°	5503.9	4276.7	1514.5	1040.3	875.4	798.9	819.3	868.6	912.8	921.3
6496.6	37.5°	6163.4	4718.6	1526.4	1052.2	860.1	766.6	776.8	819.3	877.1	904.3
7349.9	40°	6913.0	5233.6	1594.4	1040.3	843.1	739.4	741.1	773.4	824.4	865.2
8267.7	42.5°	7686.4	5835.4	1720.2	996.1	827.8	715.6	710.5	732.6	766.6	795.5
9183.9	45°	8422.4	6454.1	1844.3	934.9	809.1	691.8	679.9	688.4	695.2	707.1
10076.3	47.5°	9064.9	6889.2	1808.6	878.8	783.6	664.6	644.2	640.8	620.4	618.7
10873.5	50°	9508.6	6984.4	1606.3	822.7	746.2	634.0	601.7	581.3	545.6	528.6
11470.1	52.5°	9649.7	6608.8	1312.2	766.6	685.0	593.2	547.3	515.0	470.8	455.5
11813.5	55°	9462.7	5872.7	1048.8	698.6	600.0	538.8	487.8	445.3	409.6	390.9
11850.9	57.5°	9005.4	4936.2	829.5	618.7	509.9	477.6	426.6	384.2	353.6	334.9
11436.1	60°	8247.3	3919.7	656.1	523.5	435.1	411.3	358.7	331.5	304.3	282.2
10365.3	62.5°	7096.6	2797.8	515.0	414.7	363.8	336.6	306.0	285.6	253.3	222.7
8439.4	65°	5537.9	1711.7	397.7	304.3	292.4	278.8	260.1	241.4	202.3	171.7
5505.6	67.5°	3493.1	810.8	283.9	229.5	231.2	224.4	215.9	200.6	171.7	144.5
2466.4	70°	1538.3	392.6	187.0	175.1	171.7	171.7	178.5	173.4	146.2	120.7
856.7	72.5°	523.5	210.8	139.4	132.6	124.1	122.4	149.6	144.5	117.3	93.5
426.6	75°	273.7	141.1	102.0	95.2	74.8	90.1	119.0	112.2	83.3	61.2
282.2	77.5°	178.5	100.3	69.7	61.2	42.5	59.5	88.4	78.2	49.3	30.6
185.3	80°	112.2	66.3	40.8	28.9	20.4	32.3	47.6	34.0	18.7	6.8
108.8	82.5°	59.5	34.0	15.3	10.2	8.5	10.2	11.9	8.5	3.4	0.0
56.1	85°	23.8	11.9	5.1	3.4	1.7	0.0	3.4	1.7	0.0	0.0
10.2	87.5°	8.5	1.7	0.0	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°
3362.2
3141.2
2629.6
1959.8
1322.4
1070.9
1043.7
1028.4
1004.6
980.8
965.5
953.6
941.7
929.8
921.3
911.1
878.8
807.4
713.9
617.0
530.3
453.8
390.9
331.5
277.1
217.6
166.6
141.1
115.6
88.4
56.1
27.2
5.1
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