

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: P849437

Luminaire Tested: **GLAN-SB6C-722-U-T3-HSS**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P849437
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-6)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6C-722-U-T3-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III
OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27852 lumens
Efficiency: N/A
Efficacy: 92.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G4

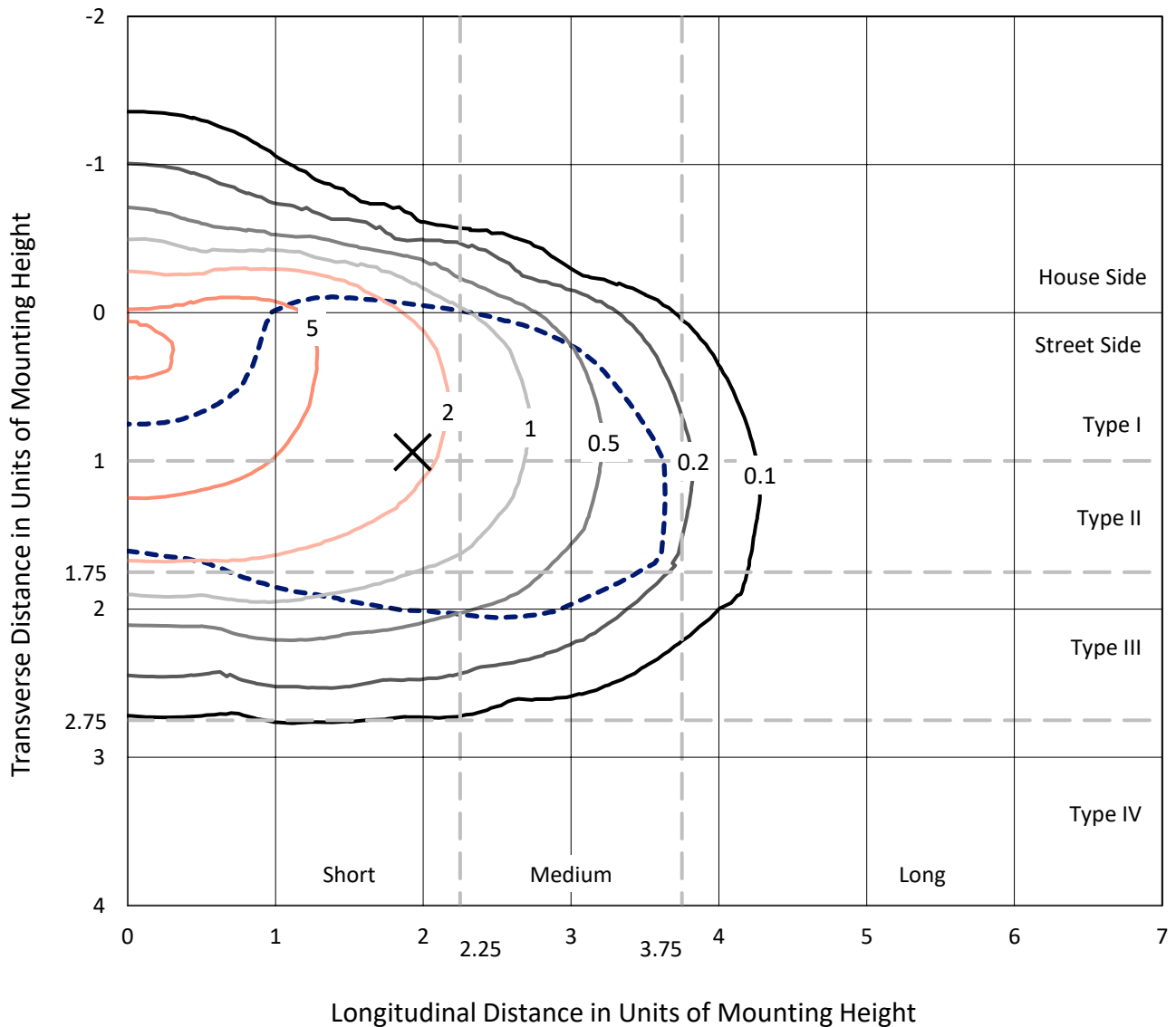
Input Watts (W): 300.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

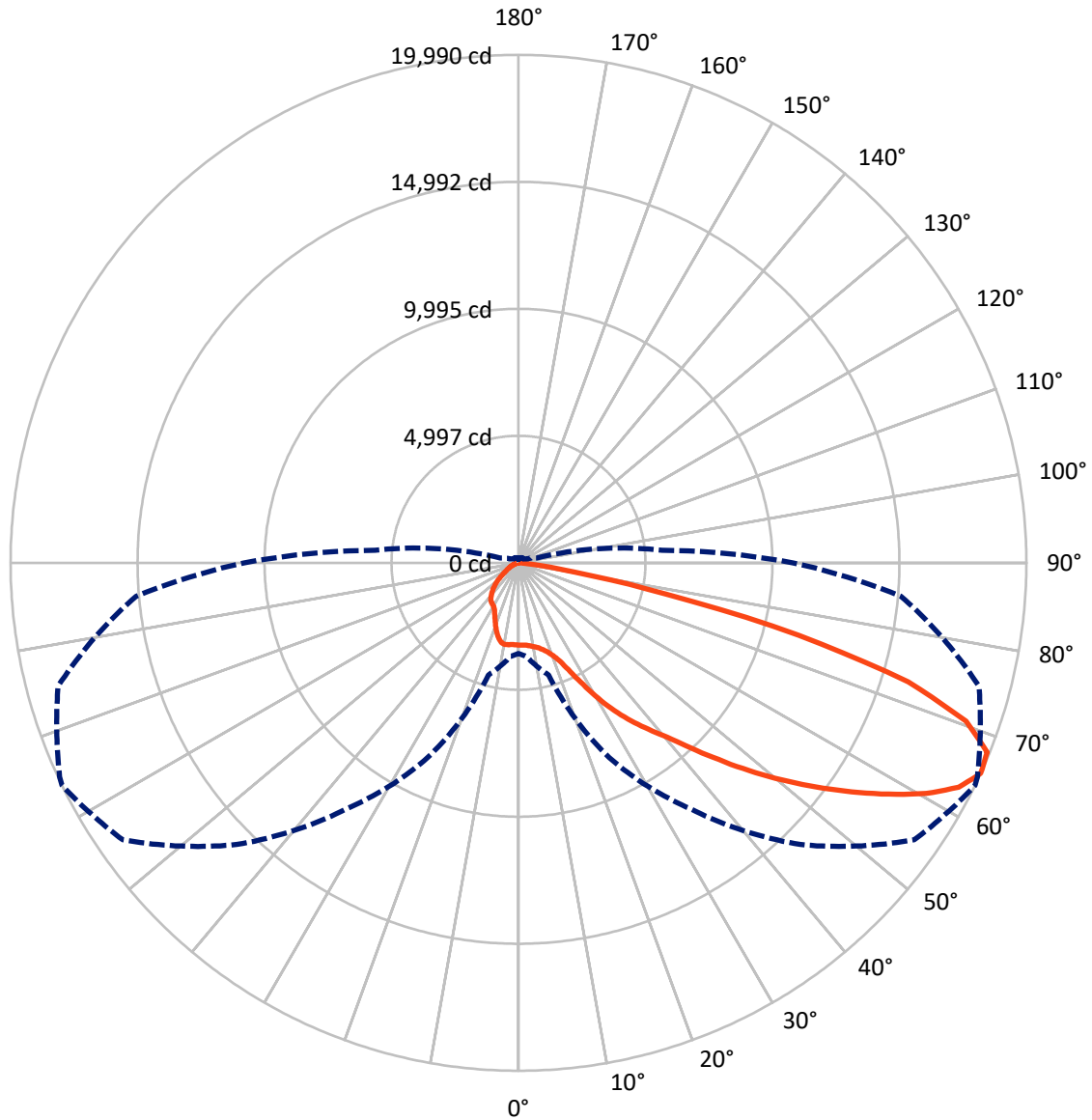
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 64-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3724.7	0.0	3724.7
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	24127.3	0.0	24127.3
	% Fixture	86.6	0.0	86.6
Total	Lumens	27852.0	0.0	27852.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	298.9	1.1
10°-20°	810.6	2.9
20°-30°	1536.1	5.5
30°-40°	3108.3	11.2
40°-50°	5295.0	19.0
50°-60°	7200.8	25.9
60°-70°	6761.9	24.3
70°-80°	2709.1	9.7
80°-90°	131.2	0.5
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°	27852.0	100.0
0°-180°	27852.0	100.0

Coefficient of Utilization

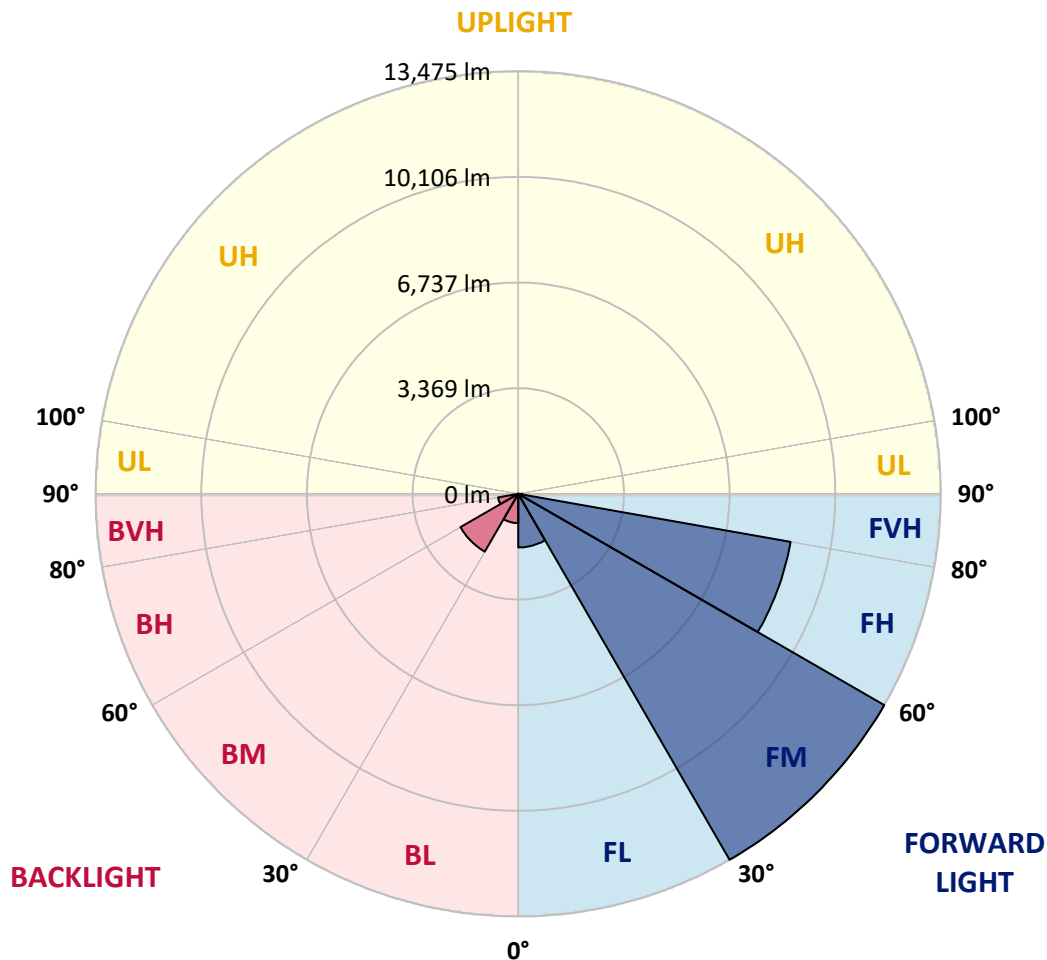


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1710.4	6.1			
FM (30°-60°)	13474.8	48.4			
FH (60°-80°)	8817.3	31.7			G4/12000
FVH (80°-90°)	124.8	0.4			G2/225
BL (0°-30°)	935.2	3.4	B2/1000		
BM (30°-60°)	2129.4	7.6	B2/2500		
BH (60°-80°)	653.7	2.3	B2/1000		G2/1000
BVH (80°-90°)	6.4	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°
0°	3239.5	3239.5	3239.5	3239.5	3239.5	3239.5	3239.5	3239.5	3239.5	3239.5
2.5°	3228.3	3250.7	3245.1	3239.5	3237.6	3241.3	3243.2	3241.3	3241.3	3241.3
5°	3166.7	3185.3	3185.3	3198.4	3217.1	3239.5	3256.3	3260.0	3263.7	3269.4
7.5°	3049.0	3064.0	3075.2	3118.1	3164.8	3224.5	3275.0	3301.1	3304.8	3325.4
10°	2968.7	2987.4	3006.1	3050.9	3118.1	3207.7	3293.6	3357.1	3366.4	3415.0
12.5°	2965.0	2983.7	3008.0	3056.5	3134.9	3230.1	3334.7	3426.2	3443.0	3513.9
15°	3004.2	3026.6	3049.0	3108.8	3192.8	3308.6	3420.6	3534.5	3551.3	3652.1
17.5°	3084.5	3114.4	3131.2	3190.9	3280.6	3409.4	3556.9	3687.6	3702.5	3820.2
20°	3243.2	3278.7	3284.3	3332.8	3420.6	3558.8	3734.3	3896.7	3915.4	4049.8
22.5°	3571.8	3622.2	3577.4	3601.7	3680.1	3818.3	4008.7	4214.1	4240.3	4393.4
25°	4150.6	4221.6	4105.8	4064.7	4098.4	4242.1	4481.1	4740.7	4770.5	4893.8
27.5°	5287.7	5196.2	5020.7	4848.9	4748.1	4830.3	5099.1	5420.3	5457.6	5577.1
30°	6536.8	6456.5	6219.4	5838.5	5599.5	5586.5	5834.8	6193.3	6236.2	6350.1
32.5°	7787.8	7711.3	7453.6	6984.9	6570.4	6365.1	6536.8	6934.5	6956.9	7029.8
35°	9018.3	8939.8	8682.2	8202.3	7692.6	7225.8	7192.2	7640.3	7647.8	7724.3
37.5°	10256.2	10190.8	9916.3	9445.8	8943.6	8299.4	7987.6	8308.7	8318.1	8392.8
40°	11139.3	11167.3	10978.7	10614.7	10183.3	9479.4	8880.1	9020.1	8964.1	9089.2
42.5°	11897.4	11953.4	11789.1	11606.1	11355.9	10736.0	9985.4	9961.2	9871.5	9938.8
45°	12552.7	12599.4	12451.9	12409.0	12403.4	11968.3	11193.5	11047.8	10922.7	10909.7
47.5°	12793.6	12883.2	12946.7	13090.5	13370.5	13187.6	12442.6	12216.7	12076.6	11973.9
50°	12885.1	12980.3	13196.9	13615.1	14278.0	14356.4	13686.1	13432.2	13260.4	13073.7
52.5°	12761.9	12931.8	13223.0	13926.9	14888.5	15293.7	14879.2	14657.0	14460.9	14156.6
55°	12035.5	12205.5	12801.1	13923.2	15192.9	15950.9	16006.9	15908.0	15687.7	15207.8
57.5°	10504.5	10756.6	11699.5	13449.0	15187.3	16516.7	17112.3	17183.2	16936.8	16249.7
60°	8383.4	8725.1	9875.3	12397.8	14718.6	16822.9	18081.3	18436.1	18174.7	17276.6
62.5°	5849.7	6245.6	7334.1	10751.0	13646.9	16602.6	18789.0	19444.3	19246.4	18195.2
65°	3568.1	3695.1	4572.6	8460.0	11824.6	15680.2	19007.4	19989.5	19924.2	18757.2
67.5°	2376.9	2483.3	2735.4	5801.2	9178.8	13837.3	18484.6	19894.3	19913.0	18665.7
70°	1432.1	1523.6	1687.9	3373.9	5948.7	10952.6	16865.8	18680.7	18789.0	17442.8
72.5°	590.0	651.6	801.0	1529.2	3080.8	6951.3	13430.3	16038.7	16290.7	14666.3
75°	334.2	366.0	470.5	767.4	1336.9	3239.5	8135.1	11385.8	11757.3	10108.7
77.5°	222.2	237.1	304.3	496.7	752.5	1105.3	3476.6	5931.9	6641.4	5521.1
80°	149.4	162.4	209.1	332.3	489.2	474.3	1107.2	2197.6	2703.6	1897.0
82.5°	100.8	102.7	149.4	218.5	309.9	229.7	326.7	683.4	858.9	548.9
85°	57.9	56.0	110.2	127.0	138.2	95.2	99.0	205.4	268.9	231.5
87.5°	7.5	11.2	42.9	33.6	18.7	20.5	20.5	35.5	52.3	56.0
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):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
3239.5	0°	3239.5	3239.5	3239.5	3239.5	3239.5	3239.5	3239.5	3239.5	3239.5	3239.5
3243.2	2.5°	3243.2	3241.3	3235.7	3230.1	3217.1	3209.6	3213.3	3209.6	3207.7	3209.6
3267.5	5°	3267.5	3261.9	3246.9	3228.3	3202.1	3170.4	3149.9	3120.0	3092.0	3075.2
3332.8	7.5°	3332.8	3327.2	3306.7	3254.4	3170.4	3037.8	2916.5	2810.0	2729.7	2683.1
3437.4	10°	3437.4	3428.1	3396.3	3280.6	3060.2	2770.8	2530.0	2330.2	2199.5	2137.9
3560.6	12.5°	3560.6	3549.4	3493.4	3256.3	2851.1	2399.3	2066.9	1844.7	1723.4	1669.2
3702.5	15°	3706.3	3691.3	3581.2	3140.5	2546.8	1988.5	1684.2	1518.0	1439.6	1391.0
3883.6	17.5°	3887.4	3861.2	3646.5	2966.9	2216.3	1674.8	1448.9	1323.8	1254.7	1208.0
4120.8	20°	4122.6	4079.7	3698.8	2759.6	1911.9	1476.9	1290.2	1185.6	1133.4	1092.3
4456.8	22.5°	4451.2	4389.6	3762.3	2535.6	1697.2	1340.6	1172.6	1096.0	1053.1	1006.4
4925.5	25°	4858.3	4785.5	3840.7	2328.3	1549.7	1223.0	1086.7	1023.2	972.8	918.6
5539.8	27.5°	5427.8	5297.1	3934.1	2158.4	1422.8	1122.1	1008.3	937.3	879.4	834.6
6236.2	30°	6062.6	5847.9	4016.2	2055.7	1307.0	1028.8	905.6	834.6	780.5	748.7
6861.7	32.5°	6663.8	6372.5	4070.4	2010.9	1202.4	922.4	793.5	717.0	675.9	666.6
7474.1	35°	7231.4	6846.8	4064.7	1968.0	1109.1	815.9	683.4	605.0	573.2	578.8
8133.2	37.5°	7884.9	7352.8	4025.5	1900.7	1032.5	718.8	588.1	519.1	491.1	492.9
8934.2	40°	8644.8	7937.2	4001.3	1773.8	948.5	629.2	509.7	453.7	433.2	425.7
9778.2	42.5°	9455.2	8502.9	4005.0	1630.0	843.9	548.9	455.6	408.9	390.2	384.6
10717.3	45°	10269.2	9042.5	4010.6	1480.6	733.8	487.3	416.4	377.2	366.0	358.5
11669.6	47.5°	11034.8	9501.8	3906.0	1320.1	625.5	440.6	384.6	358.5	349.2	339.8
12625.6	50°	11748.0	9808.1	3654.0	1133.4	539.6	403.3	360.4	341.7	332.3	323.0
13491.9	52.5°	12302.5	9856.6	3237.6	941.0	479.9	375.3	345.4	328.6	317.4	308.1
14192.1	55°	12549.0	9552.3	2645.7	761.8	433.2	351.0	330.5	313.7	300.6	291.3
14742.9	57.5°	12485.5	8911.8	2063.2	612.4	388.4	326.7	311.8	300.6	285.7	270.7
15189.1	60°	12173.7	8054.8	1555.3	509.7	347.3	300.6	291.3	281.9	261.4	239.0
15360.9	62.5°	11634.1	6977.5	1109.1	422.0	302.5	270.7	267.0	259.5	229.7	188.6
15107.0	65°	10808.8	5668.6	746.9	351.0	259.5	237.1	239.0	225.9	186.7	140.0
14177.1	67.5°	9602.7	4145.0	478.0	287.5	216.6	197.9	199.8	192.3	158.7	119.5
12414.6	70°	8066.0	2744.7	311.8	218.5	173.6	153.1	164.3	166.2	134.4	97.1
9528.0	72.5°	5913.2	1620.7	218.5	162.4	127.0	106.4	134.4	138.2	108.3	72.8
5732.1	75°	3370.2	769.3	164.3	117.6	78.4	74.7	104.6	104.6	74.7	48.5
2481.4	77.5°	1415.3	321.1	115.8	76.6	44.8	42.9	71.0	65.3	37.3	22.4
605.0	80°	408.9	143.8	61.6	37.3	18.7	16.8	28.0	20.5	9.3	3.7
229.7	82.5°	160.6	63.5	24.3	14.9	7.5	7.5	3.7	0.0	0.0	0.0
130.7	85°	95.2	26.1	11.2	5.6	1.9	0.0	0.0	0.0	0.0	0.0
28.0	87.5°	24.3	5.6	3.7	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°
3239.5
3217.1
3078.9
2684.9
2132.3
1663.6
1392.9
1204.3
1084.8
998.9
913.0
825.3
743.1
672.2
578.8
500.4
423.8
382.8
358.5
339.8
323.0
306.2
289.4
268.9
235.3
184.8
136.3
113.9
93.4
69.1
44.8
22.4
3.7
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