

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: P956260

Luminaire Tested: **GLAN-SB9A-722-U-SL2**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P956260
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB9A-722-U-SL2
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II SPILL
LIGHT ELIMINATOR OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 33548 lumens
Efficiency: N/A
Efficacy: 131.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G4

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



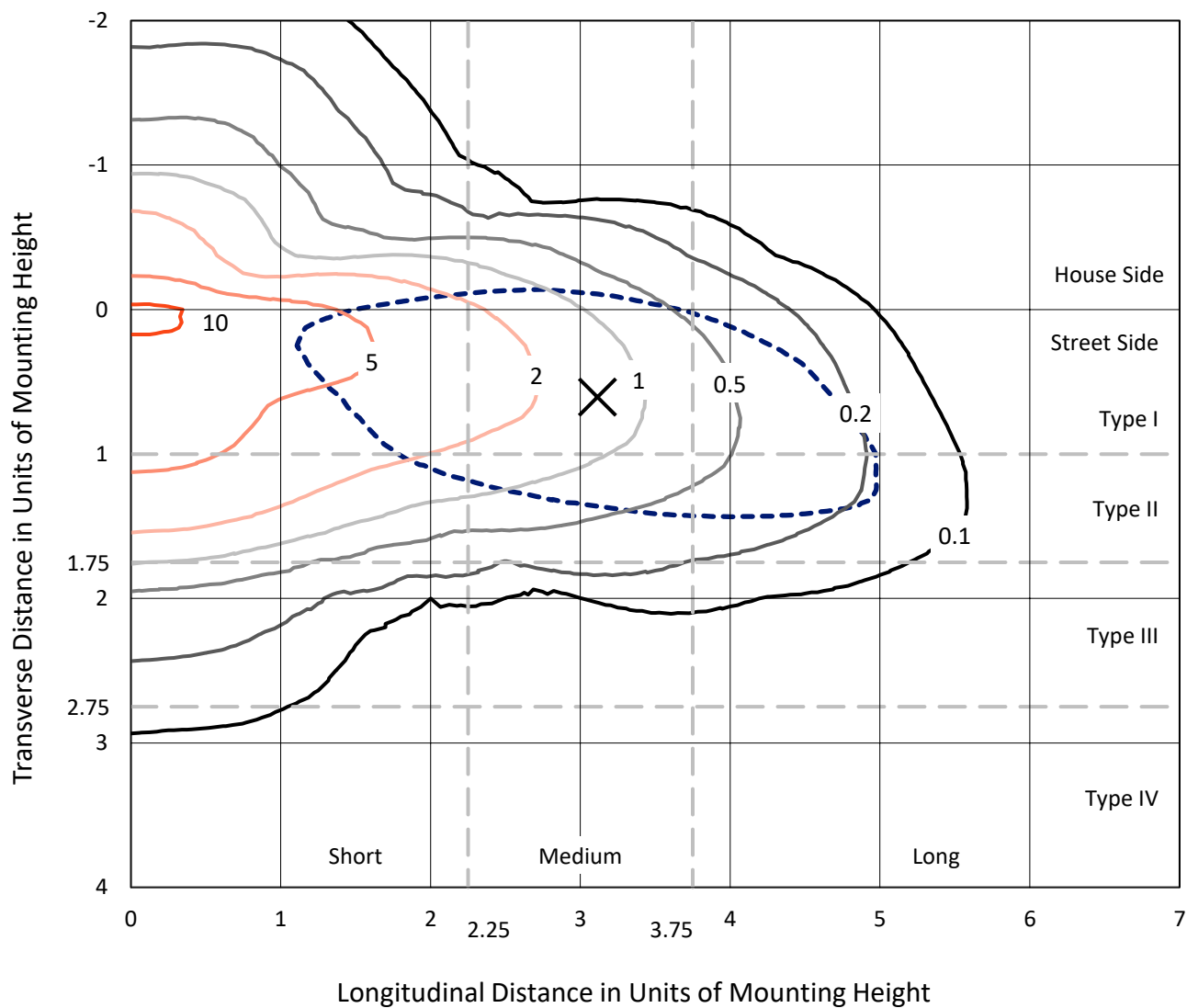
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Iso-Footcandle Lines of Horizontal Illumination

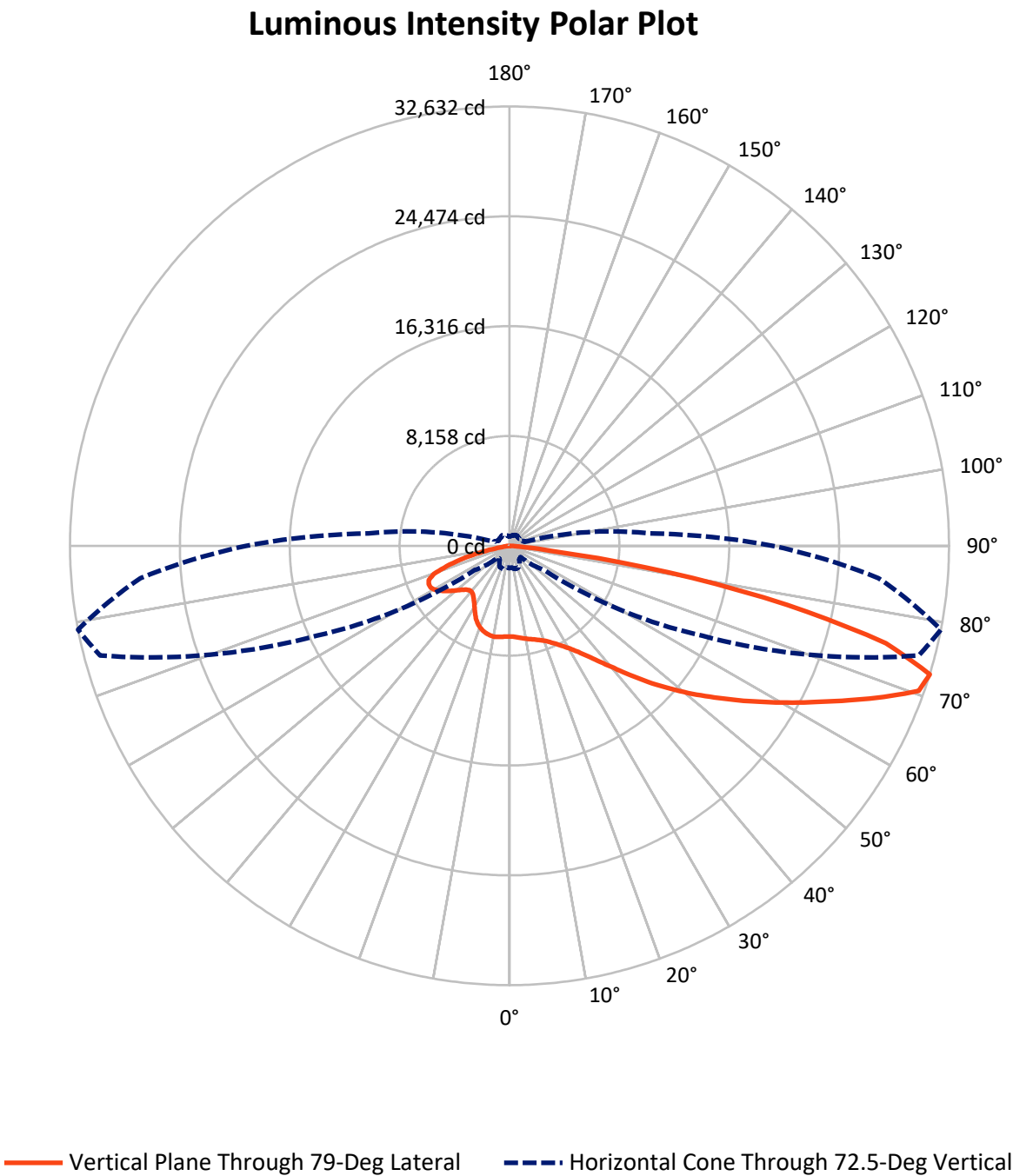
✕ Max cd

--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.8 fc
Type II - Medium - N/A

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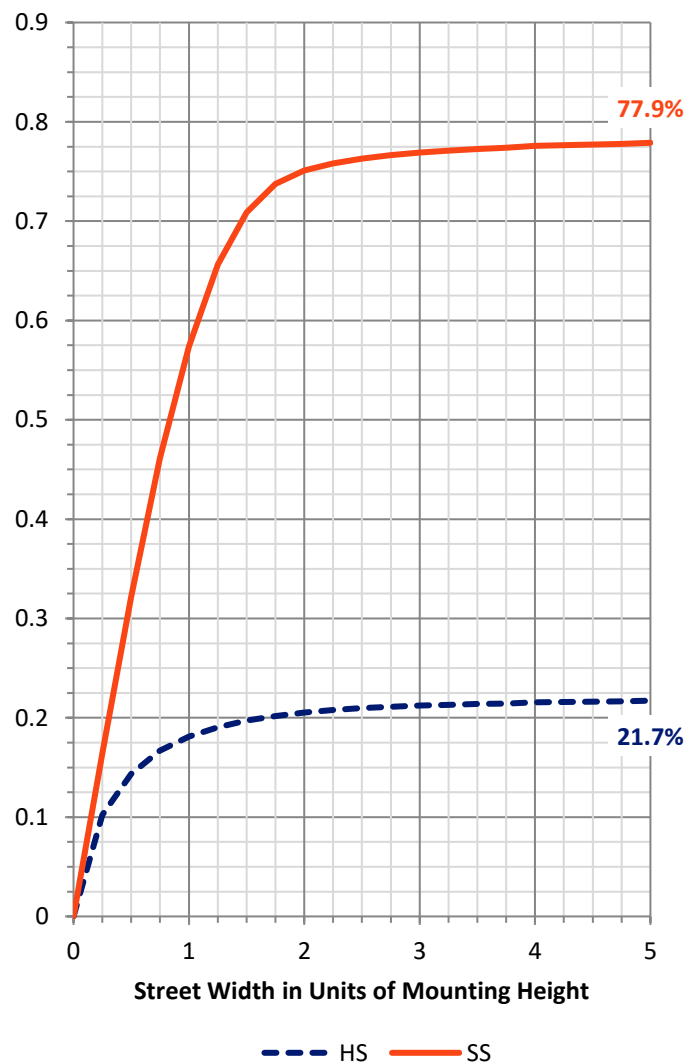
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7382.4	0.0	7382.4
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	26165.6	0.0	26165.6
	% Fixture	78.0	0.0	78.0
Total	Lumens	33548.0	0.0	33548.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	611.3	1.8
10°-20°	1598.2	4.8
20°-30°	2578.9	7.7
30°-40°	3870.5	11.5
40°-50°	5490.6	16.4
50°-60°	6933.9	20.7
60°-70°	7042.3	21.0
70°-80°	4799.6	14.3
80°-90°	622.7	1.9
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°	33548.0	100.0
0°-180°	33548.0	100.0

Coefficient of Utilization



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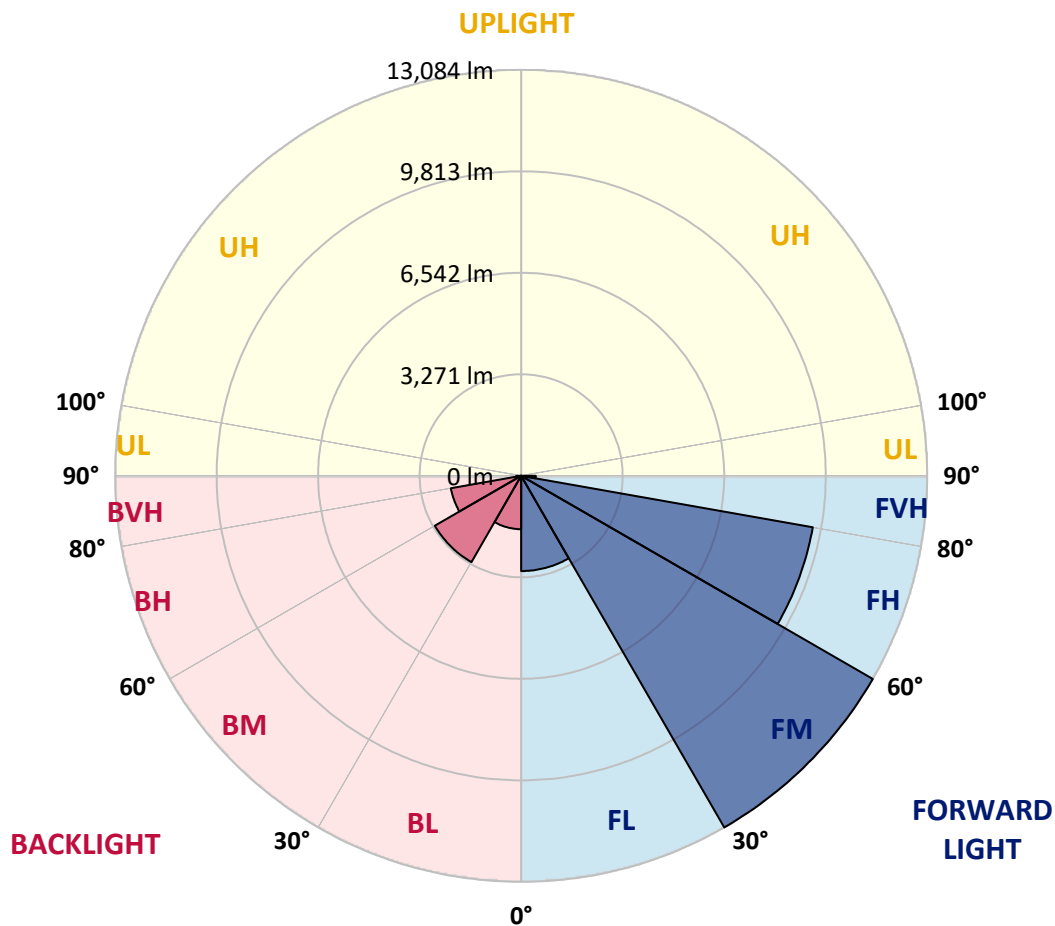
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3068.8	9.1			
FM	(30°-60°)	13084.4	39.0			
FH	(60°-80°)	9543.3	28.4			G4/12000
FVH	(80°-90°)	469.1	1.4			G3/500
BL	(0°-30°)	1719.6	5.1	B3/2500		
BM	(30°-60°)	3210.6	9.6	B3/5000		
BH	(60°-80°)	2298.6	6.9	B3/2500		G3/2500
BVH	(80°-90°)	153.6	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°
0°	6734.4	6734.4	6734.4	6734.4	6734.4	6734.4	6734.4	6734.4	6734.4	6734.4
2.5°	6738.0	6706.0	6725.6	6718.5	6727.3	6738.0	6741.5	6746.9	6764.6	6762.8
5°	6723.8	6691.9	6718.5	6709.6	6732.7	6757.5	6778.8	6798.3	6826.7	6839.1
7.5°	6693.6	6672.3	6699.0	6725.6	6768.2	6805.4	6835.6	6880.0	6920.8	6927.9
10°	6517.9	6502.0	6564.1	6633.3	6750.4	6851.6	6917.2	6968.7	7013.0	7020.1
12.5°	6335.2	6315.6	6384.9	6478.9	6668.8	6851.6	6990.0	7057.4	7096.5	7119.5
15°	6305.0	6289.0	6328.1	6409.7	6567.6	6803.6	7039.7	7163.9	7197.6	7224.2
17.5°	6450.5	6420.3	6436.3	6464.7	6557.0	6759.3	7078.7	7284.6	7336.0	7364.4
20°	6787.7	6745.1	6720.2	6663.5	6647.5	6766.4	7075.2	7430.1	7497.5	7533.0
22.5°	7236.6	7208.2	7155.0	7011.3	6855.1	6853.3	7142.6	7616.4	7742.4	7776.1
25°	7779.7	7737.1	7669.6	7474.4	7174.5	7025.5	7256.2	7854.2	8065.4	8074.2
27.5°	8404.3	8340.4	8248.1	7990.8	7586.2	7295.2	7430.1	8127.5	8436.2	8432.7
30°	9062.7	8998.8	8901.2	8588.9	8079.6	7659.0	7671.4	8422.0	8876.3	8856.8
32.5°	9543.6	9495.7	9476.1	9234.8	8647.4	8088.4	7948.2	8748.6	9419.3	9401.6
35°	9912.7	9850.6	9873.6	9751.2	9266.7	8569.3	8287.2	9137.2	10079.5	10077.7
37.5°	10278.2	10223.2	10242.7	10161.1	9839.9	9179.8	8700.7	9612.8	10897.6	10936.6
40°	10611.8	10553.3	10631.4	10555.1	10285.3	9829.3	9170.9	10150.5	11845.2	11919.7
42.5°	10812.4	10766.2	10895.8	10897.6	10672.2	10377.6	9687.3	10743.2	12941.8	13108.6
45°	10881.6	10865.6	11060.8	11101.6	11014.7	10695.3	10152.2	11389.1	14123.7	14421.8
47.5°	10807.0	10776.9	11046.6	11197.5	11266.7	10844.3	10537.3	12088.3	15330.4	15766.9
50°	10430.8	10372.3	10773.3	11091.0	11337.6	10941.9	10925.9	12895.7	16702.1	17179.5
52.5°	9754.7	9710.4	10166.4	10718.3	11181.5	10989.8	11362.5	13777.7	18004.7	18622.2
55°	8890.5	8832.0	9334.2	10054.6	10792.9	10973.9	11799.0	14764.3	19541.4	20167.8
57.5°	7520.6	7403.4	8038.7	8890.5	10159.3	10954.3	12253.3	15745.6	21103.0	21853.7
60°	5522.4	5348.5	6127.5	7137.3	8920.7	10764.5	12815.8	16845.9	22977.0	23653.1
62.5°	3215.5	3114.3	3623.6	4565.9	6723.8	9646.5	13131.7	18125.3	24818.9	25528.8
65°	2496.8	2468.4	2512.8	2585.5	3742.5	7222.4	12157.5	19372.8	27161.4	27658.2
67.5°	2283.9	2262.6	2282.1	2145.4	1898.8	4022.9	9618.1	19688.7	29670.6	29972.3
70°	2030.1	2005.2	2069.1	1952.0	1494.2	1829.6	6214.5	18542.3	31667.0	32233.0
72.5°	1653.9	1625.5	1774.6	1721.3	1258.2	1174.8	3121.4	15818.4	31457.6	32632.3
75°	1270.6	1254.6	1432.1	1476.4	1025.7	924.5	1497.7	11758.2	27683.1	28866.7
77.5°	986.7	974.2	1064.7	1226.2	826.9	716.9	921.0	7458.5	20861.7	21069.3
80°	740.0	704.5	787.9	949.4	644.2	523.5	624.6	4349.4	13186.7	11953.4
82.5°	463.2	445.4	514.6	633.5	454.3	360.2	406.4	2402.7	5284.6	3112.6
85°	264.4	257.3	280.4	362.0	246.7	207.6	232.5	1061.2	965.4	663.7
87.5°	106.5	102.9	127.8	161.5	90.5	76.3	81.6	255.5	212.9	197.0
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°
6734.4	0°	6734.4	6734.4	6734.4	6734.4	6734.4	6734.4	6734.4	6734.4	6734.4	6734.4
6761.1	2.5°	6754.0	6754.0	6729.1	6690.1	6645.7	6617.3	6571.2	6558.8	6510.8	6496.7
6821.4	5°	6835.6	6821.4	6745.1	6635.1	6484.2	6345.8	6193.2	6097.4	5962.5	5914.6
6940.3	7.5°	6938.5	6899.5	6768.2	6526.8	6210.9	5900.4	5577.4	5332.5	5098.3	5014.9
7037.9	10°	7032.6	6977.6	6754.0	6331.6	5785.1	5247.4	4732.7	4372.5	4099.2	3987.4
7146.1	12.5°	7126.6	7025.5	6659.9	6006.9	5179.9	4450.6	3902.2	3621.9	3453.3	3318.4
7234.9	15°	7215.3	7073.4	6514.4	5572.1	4516.2	3776.3	3371.7	3148.1	3013.2	2924.5
7364.4	17.5°	7318.3	7114.2	6296.1	5020.2	3884.5	3309.5	2979.5	2844.6	2818.0	2807.3
7541.9	20°	7462.0	7151.5	6008.6	4402.7	3419.6	2936.9	2766.5	2754.1	2752.3	2747.0
7754.8	22.5°	7616.4	7195.8	5628.9	3841.9	3023.8	2704.4	2674.3	2649.4	2633.4	2631.7
8012.1	25°	7799.2	7210.0	5153.3	3382.3	2686.7	2594.4	2558.9	2521.6	2511.0	2511.0
8304.9	27.5°	7976.6	7162.1	4599.7	2983.0	2496.8	2493.3	2447.1	2434.7	2432.9	2438.2
8638.5	30°	8154.1	7071.6	4049.5	2613.9	2386.8	2386.8	2370.8	2379.7	2386.8	2404.5
9096.4	32.5°	8393.7	6975.8	3589.9	2340.6	2291.0	2273.2	2289.2	2306.9	2314.0	2337.1
9698.0	35°	8745.0	6908.3	3224.4	2191.6	2191.6	2168.5	2177.4	2173.8	2157.9	2147.2
10425.5	37.5°	9209.9	6904.8	2922.7	2122.4	2108.2	2104.6	2106.4	2083.3	2021.2	1946.7
11305.7	40°	9768.9	7000.6	2690.2	2074.5	2063.8	2085.1	2074.5	2012.3	1842.0	1712.4
12388.2	42.5°	10519.6	7273.9	2541.2	2015.9	2047.8	2074.5	2031.9	1817.1	1701.8	1614.8
13621.5	45°	11403.3	7717.5	2464.9	1953.8	2017.7	2049.6	1843.8	1749.7	1657.4	1552.7
14966.6	47.5°	12404.2	8276.5	2447.1	1895.2	1950.2	1969.8	1763.9	1721.3	1616.6	1503.0
16318.8	50°	13493.7	8938.4	2495.0	1826.0	1852.6	1785.2	1737.3	1698.3	1590.0	1478.2
17704.8	52.5°	14620.6	9667.8	2590.9	1732.0	1755.0	1680.5	1726.6	1692.9	1574.0	1423.2
19136.8	55°	15727.9	10402.5	2683.1	1621.9	1655.7	1586.5	1696.5	1671.6	1501.3	1330.9
20664.7	57.5°	16853.0	11133.6	2773.6	1524.3	1559.8	1496.0	1648.6	1614.8	1419.6	1245.7
22332.8	60°	18022.4	11843.4	2816.2	1430.3	1455.1	1412.5	1575.8	1517.2	1327.4	1158.8
23972.5	62.5°	19117.3	12434.3	2747.0	1336.2	1352.2	1334.5	1480.0	1401.9	1235.1	1061.2
25681.4	65°	20215.7	12785.7	2534.1	1244.0	1247.5	1238.6	1345.1	1277.7	1126.8	976.0
27177.3	67.5°	21211.3	12982.7	2195.1	1144.6	1135.7	1132.2	1219.1	1142.8	1022.1	890.8
28314.8	70°	21422.4	12482.2	1677.0	1027.5	1027.5	1018.6	1080.7	1002.6	906.8	800.3
27500.3	72.5°	19566.3	10500.1	1190.7	894.4	908.6	890.8	942.3	876.6	789.7	718.7
23701.0	75°	15777.6	7699.8	866.0	757.7	782.6	752.4	800.3	754.2	679.7	677.9
16333.0	77.5°	10840.8	4761.1	628.2	624.6	642.4	603.3	658.4	633.5	566.1	535.9
7108.9	80°	4626.3	1898.8	457.8	482.7	482.7	447.2	511.1	518.2	459.6	445.4
1371.7	82.5°	921.0	539.5	321.2	331.8	312.3	301.7	362.0	401.0	553.7	615.8
413.5	85°	276.8	198.8	193.4	181.0	159.7	161.5	212.9	402.8	496.9	283.9
136.6	87.5°	76.3	49.7	51.5	40.8	33.7	44.4	72.8	305.2	166.8	71.0
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°
6734.4
6519.7
5950.1
5025.5
4012.3
3362.8
2940.4
2814.4
2764.8
2651.2
2521.6
2452.4
2416.9
2356.6
2172.1
1948.5
1708.9
1611.3
1545.6
1494.2
1465.8
1412.5
1322.0
1242.2
1153.5
1059.4
965.4
880.2
796.8
697.4
610.4
502.2
445.4
617.5
244.9
60.3
0.0

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