

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: P944157

Luminaire Tested: **GLAN-SB9A-722-U-T3**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P944157
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB9A-722-U-T3
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 33775 lumens
Efficiency: N/A
Efficacy: 132.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
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

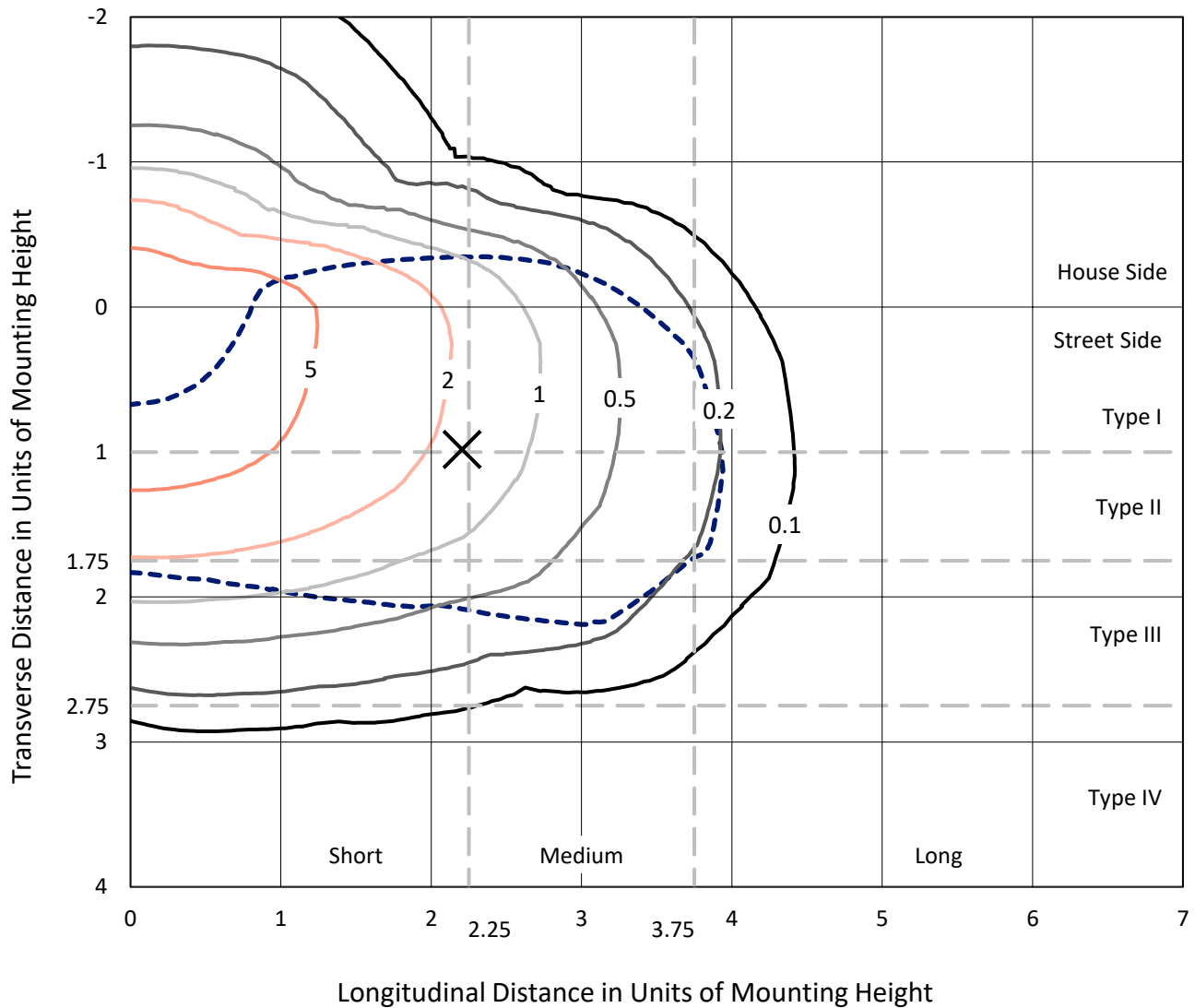


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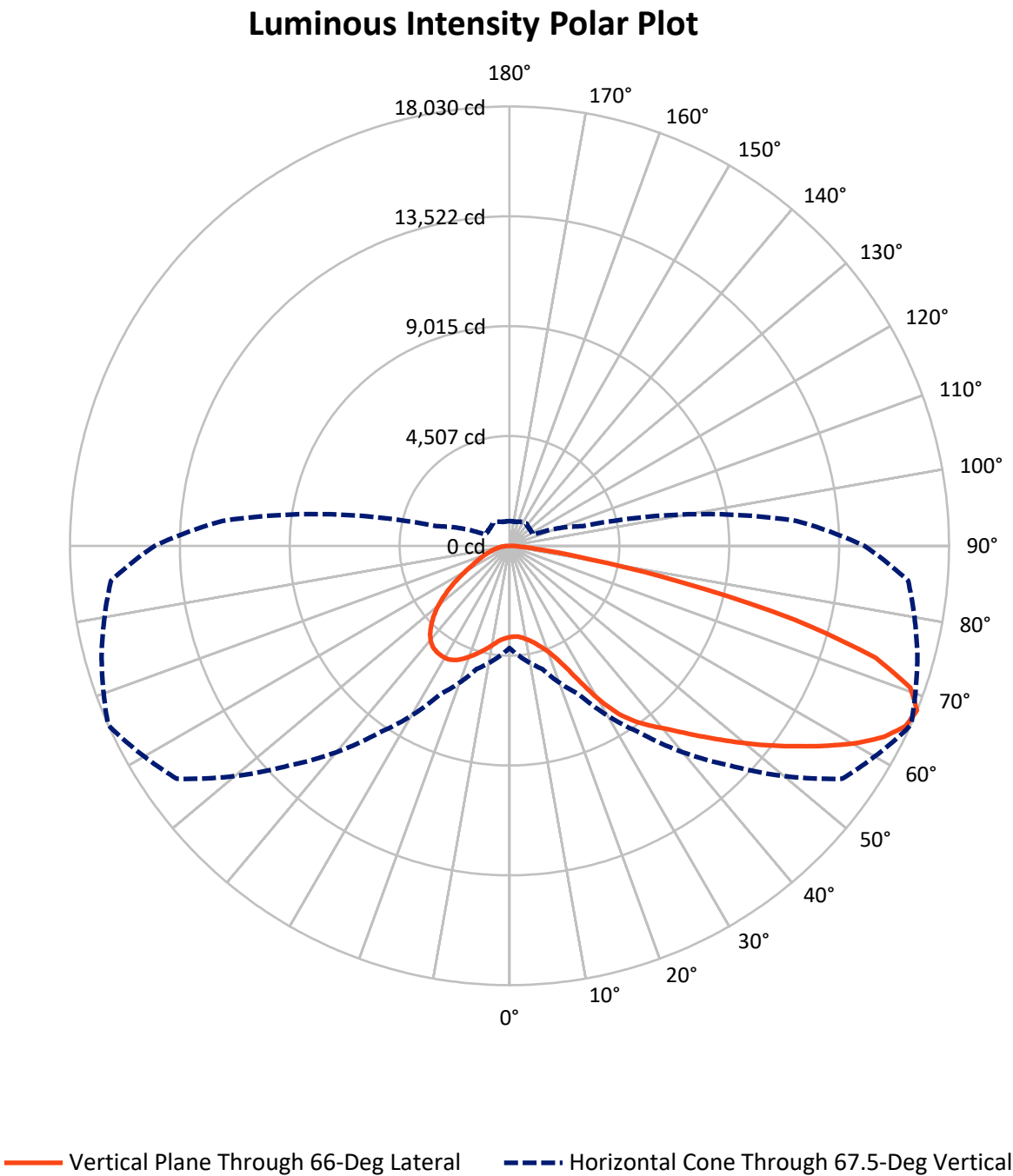
Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.5 fc
Type III - Short - N/A

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8398.1	0.0	8398.1
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	25376.9	0.0	25376.9
	% Fixture	75.1	0.0	75.1
Total	Lumens	33775.0	0.0	33775.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	371.4	1.1
10°-20°	1227.1	3.6
20°-30°	2365.2	7.0
30°-40°	4147.0	12.3
40°-50°	6165.2	18.3
50°-60°	7815.0	23.1
60°-70°	7646.8	22.6
70°-80°	3647.6	10.8
80°-90°	389.8	1.2
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°	33775.0	100.0
0°-180°	33775.0	100.0

Coefficient of Utilization



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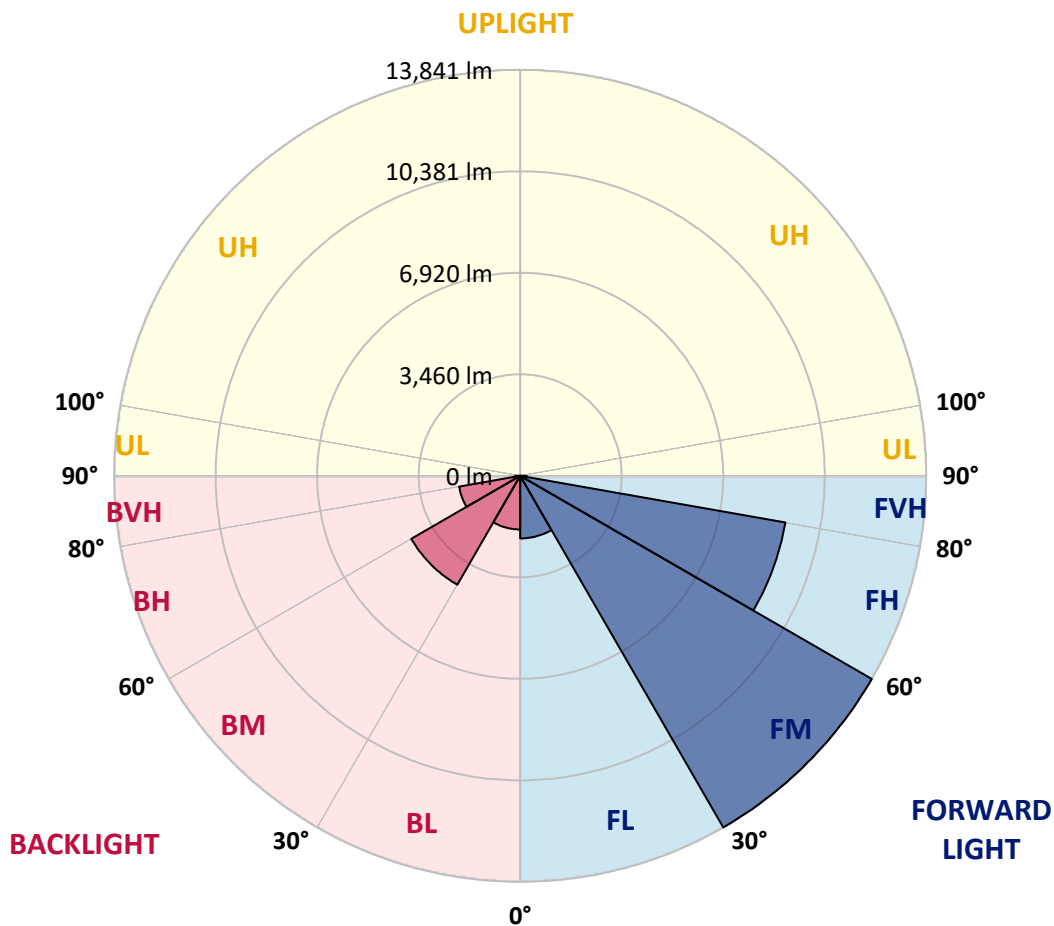
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2134.2	6.3			
FM	(30°-60°)	13840.7	41.0			
FH	(60°-80°)	9181.0	27.2			G4/12000
FVH	(80°-90°)	221.0	0.7			G2/225
BL	(0°-30°)	1829.4	5.4	B3/2500		
BM	(30°-60°)	4286.5	12.7	B3/5000		
BH	(60°-80°)	2113.4	6.3	B3/2500		G3/2500
BVH	(80°-90°)	168.8	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°
0°	3746.1	3746.1	3746.1	3746.1	3746.1	3746.1	3746.1	3746.1	3746.1	3746.1
2.5°	3707.1	3728.3	3723.0	3714.2	3712.4	3715.9	3721.3	3726.6	3724.8	3733.7
5°	3696.4	3717.7	3715.9	3715.9	3723.0	3737.2	3746.1	3755.0	3746.1	3756.7
7.5°	3703.5	3719.5	3726.6	3733.7	3751.4	3778.0	3799.3	3818.9	3808.2	3820.6
10°	3794.0	3806.4	3813.5	3813.5	3825.9	3856.1	3877.4	3912.9	3904.0	3923.5
12.5°	3959.0	3971.5	3971.5	3964.4	3973.2	3992.8	3999.9	4038.9	4022.9	4054.9
15°	4161.3	4186.2	4166.7	4154.2	4157.8	4177.3	4175.5	4205.7	4189.7	4216.4
17.5°	4384.9	4416.9	4384.9	4383.2	4376.1	4397.4	4399.1	4425.7	4397.4	4416.9
20°	4649.3	4693.7	4667.1	4676.0	4660.0	4668.9	4677.7	4716.8	4672.4	4686.6
22.5°	5022.0	5075.2	5046.8	5080.6	5069.9	5062.8	5061.0	5130.2	5061.0	5066.4
25°	5565.0	5628.9	5579.2	5625.4	5625.4	5648.4	5675.0	5763.8	5648.4	5614.7
27.5°	6367.1	6431.0	6333.4	6361.8	6352.9	6409.7	6381.3	6601.4	6477.1	6422.1
30°	7332.5	7446.0	7261.5	7254.4	7245.5	7336.0	7376.8	7522.4	7396.4	7341.4
32.5°	8375.9	8494.8	8274.8	8210.9	8177.2	8232.2	8198.5	8315.6	8228.6	8143.5
35°	9479.7	9596.8	9387.4	9263.2	9128.3	9013.0	8892.3	8922.5	8840.9	8711.3
37.5°	10523.1	10737.9	10516.0	10382.9	10134.5	9909.1	9572.0	9431.8	9355.5	9236.6
40°	11586.1	11708.5	11540.0	11426.4	11156.7	10803.5	10264.0	9967.7	9864.8	9749.4
42.5°	12368.7	12485.8	12395.3	12317.2	12106.0	11696.1	10998.7	10627.8	10478.8	10349.2
45°	12989.8	13076.7	13019.9	13048.3	12957.8	12560.3	11760.0	11335.9	11181.5	11023.6
47.5°	13240.0	13332.3	13422.8	13591.3	13745.7	13452.9	12578.1	12102.5	11939.2	11777.7
50°	13211.6	13305.6	13568.3	13926.7	14405.9	14308.3	13440.5	12918.8	12768.0	12583.4
52.5°	12984.4	13090.9	13428.1	14024.3	14787.4	14948.9	14318.9	13761.7	13619.7	13399.7
55°	12388.2	12452.1	12957.8	13802.5	14877.9	15396.1	15179.6	14659.6	14517.7	14210.7
57.5°	11282.6	11374.9	12111.4	13204.5	14650.8	15699.5	15935.5	15603.7	15467.1	15025.2
60°	9839.9	9987.2	10830.1	12200.1	14072.3	15697.7	16622.3	16531.8	16418.2	15827.3
62.5°	8207.3	8377.7	9188.7	10780.4	13060.8	15252.3	17051.7	17309.0	17250.5	16567.3
65°	6303.2	6420.4	7227.8	8943.8	11486.7	14295.8	17101.4	17839.6	17850.3	17129.8
67.5°	4196.8	4534.0	5234.9	6711.4	9378.5	12732.5	16664.9	17926.6	18029.5	17323.2
70°	2047.8	2491.5	3178.2	4361.9	6711.4	10335.0	15523.8	17213.2	17442.1	16758.9
72.5°	850.0	993.8	1368.2	2152.5	3852.6	6974.0	13231.1	15279.0	15703.1	14849.5
75°	573.2	621.1	782.6	1103.8	1755.0	3439.1	9541.8	11392.7	12075.9	11215.2
77.5°	441.9	472.0	569.6	771.9	1043.4	1300.8	5107.2	6865.8	7218.9	6683.0
80°	347.8	370.9	425.9	562.5	740.0	695.6	1740.8	3110.8	3314.9	2780.7
82.5°	301.7	310.5	305.2	381.5	491.6	406.4	571.4	1148.1	1267.0	919.2
85°	218.3	243.1	253.8	236.0	260.9	205.8	234.2	406.4	447.2	399.3
87.5°	88.7	131.3	161.5	152.6	95.8	58.6	72.8	118.9	136.6	149.1
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°
3746.1	0°	3746.1	3746.1	3746.1	3746.1	3746.1	3746.1	3746.1	3746.1	3746.1	3746.1
3747.9	2.5°	3749.6	3762.1	3770.9	3781.6	3788.7	3799.3	3820.6	3833.0	3834.8	3843.7
3776.3	5°	3783.4	3801.1	3820.6	3849.0	3881.0	3907.6	3948.4	3976.8	3987.4	3996.3
3845.5	7.5°	3856.1	3881.0	3916.5	3966.1	4012.3	4047.8	4097.5	4131.2	4164.9	4177.3
3955.5	10°	3964.4	3999.9	4051.3	4118.8	4168.4	4214.6	4266.0	4294.4	4328.1	4342.3
4086.8	12.5°	4099.2	4136.5	4203.9	4298.0	4344.1	4376.1	4393.8	4386.7	4393.8	4406.2
4244.7	15°	4253.6	4294.4	4370.7	4471.9	4503.8	4475.4	4436.4	4400.9	4395.6	4399.1
4436.4	17.5°	4436.4	4466.6	4555.3	4640.5	4617.4	4500.3	4415.1	4358.3	4329.9	4321.1
4681.3	20°	4691.9	4691.9	4764.7	4817.9	4663.5	4464.8	4331.7	4239.4	4180.9	4156.0
5014.9	22.5°	5002.5	4974.1	5020.2	4983.0	4654.7	4365.4	4180.9	4021.2	3932.4	3896.9
5481.6	25°	5396.4	5362.7	5350.3	5119.6	4590.8	4207.5	3907.6	3714.2	3636.1	3616.6
6154.2	27.5°	5990.9	5905.7	5744.2	5194.1	4473.7	3959.0	3588.2	3408.9	3364.6	3366.3
7018.4	30°	6782.4	6612.0	6216.3	5206.6	4282.0	3607.7	3261.6	3133.9	3112.6	3121.4
7744.2	32.5°	7515.3	7353.8	6699.0	5149.8	3987.4	3263.4	2968.8	2883.7	2851.7	2862.4
8297.8	35°	8090.2	8045.9	7146.1	5069.9	3625.4	2940.4	2706.2	2633.4	2571.3	2557.1
8819.6	37.5°	8633.2	8615.5	7481.5	4958.1	3267.0	2711.5	2495.0	2399.2	2308.7	2259.0
9396.3	40°	9229.5	9211.7	7701.6	4786.0	2949.3	2512.8	2305.2	2179.2	2067.4	1976.9
10049.3	42.5°	9900.3	9795.6	7806.3	4539.3	2679.6	2344.2	2150.8	1980.4	1833.1	1749.7
10787.5	45°	10633.2	10397.1	7804.5	4225.2	2452.4	2189.8	1985.7	1744.4	1607.8	1529.7
11545.3	47.5°	11410.4	10972.1	7708.7	3877.4	2232.4	2019.4	1730.2	1545.6	1455.1	1407.2
12368.7	50°	12212.5	11509.8	7545.4	3478.1	2007.0	1826.0	1570.5	1444.5	1375.3	1330.9
13185.0	52.5°	12966.7	11997.8	7348.4	3025.6	1778.1	1637.9	1499.5	1401.9	1329.1	1279.5
13976.4	55°	13667.7	12418.4	7069.8	2562.5	1591.8	1511.9	1465.8	1384.2	1300.8	1242.2
14780.3	57.5°	14290.5	12691.6	6588.9	2127.7	1458.7	1425.0	1430.3	1354.0	1258.2	1208.5
15571.8	60°	14808.7	12892.2	5877.3	1724.9	1350.4	1339.8	1375.3	1297.2	1185.4	1128.6
16240.8	62.5°	15119.2	12888.6	5004.3	1412.5	1258.2	1261.7	1302.5	1226.2	1112.6	1059.4
16590.4	65°	15092.6	12572.7	4046.0	1208.5	1169.4	1173.0	1226.2	1148.1	1052.3	1020.4
16414.7	67.5°	14558.5	11802.6	3103.7	1075.4	1071.8	1087.8	1149.9	1094.9	1015.0	1011.5
15367.7	70°	13112.2	10203.7	2235.9	968.9	970.7	993.8	1075.4	1061.2	995.5	1002.6
12920.6	72.5°	10514.3	7779.7	1501.3	857.1	858.9	896.2	1004.4	1034.6	976.0	1070.1
9167.4	75°	7002.4	4851.6	965.4	738.2	740.0	787.9	942.3	983.1	922.8	1066.5
4770.0	77.5°	3364.6	2180.9	699.2	621.1	621.1	665.5	814.5	880.2	786.1	828.7
1533.2	80°	1162.3	819.8	550.1	500.4	489.8	519.9	686.8	763.1	677.9	624.6
500.4	82.5°	457.8	425.9	441.9	388.6	353.1	372.7	534.1	630.0	498.7	450.7
282.2	85°	262.6	276.8	312.3	257.3	204.1	228.9	392.2	452.5	376.2	331.8
92.3	87.5°	71.0	97.6	143.7	133.1	92.3	97.6	186.3	250.2	216.5	166.8
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°
3746.1
3841.9
3994.5
4179.1
4349.4
4409.8
4411.6
4333.5
4150.7
3891.6
3620.1
3371.7
3151.6
2876.6
2567.8
2260.8
1985.7
1755.0
1526.1
1396.6
1314.9
1258.2
1219.1
1176.5
1103.8
1043.4
1018.6
1016.8
1000.9
1084.3
1075.4
759.5
585.6
449.0
338.9
172.1
0.0

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