

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: P944154

Luminaire Tested: **GLAN-SB9A-722-U-T2-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P944154
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB9A-722-U-T2-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II
OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24647 lumens
Efficiency: N/A
Efficacy: 96.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - 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

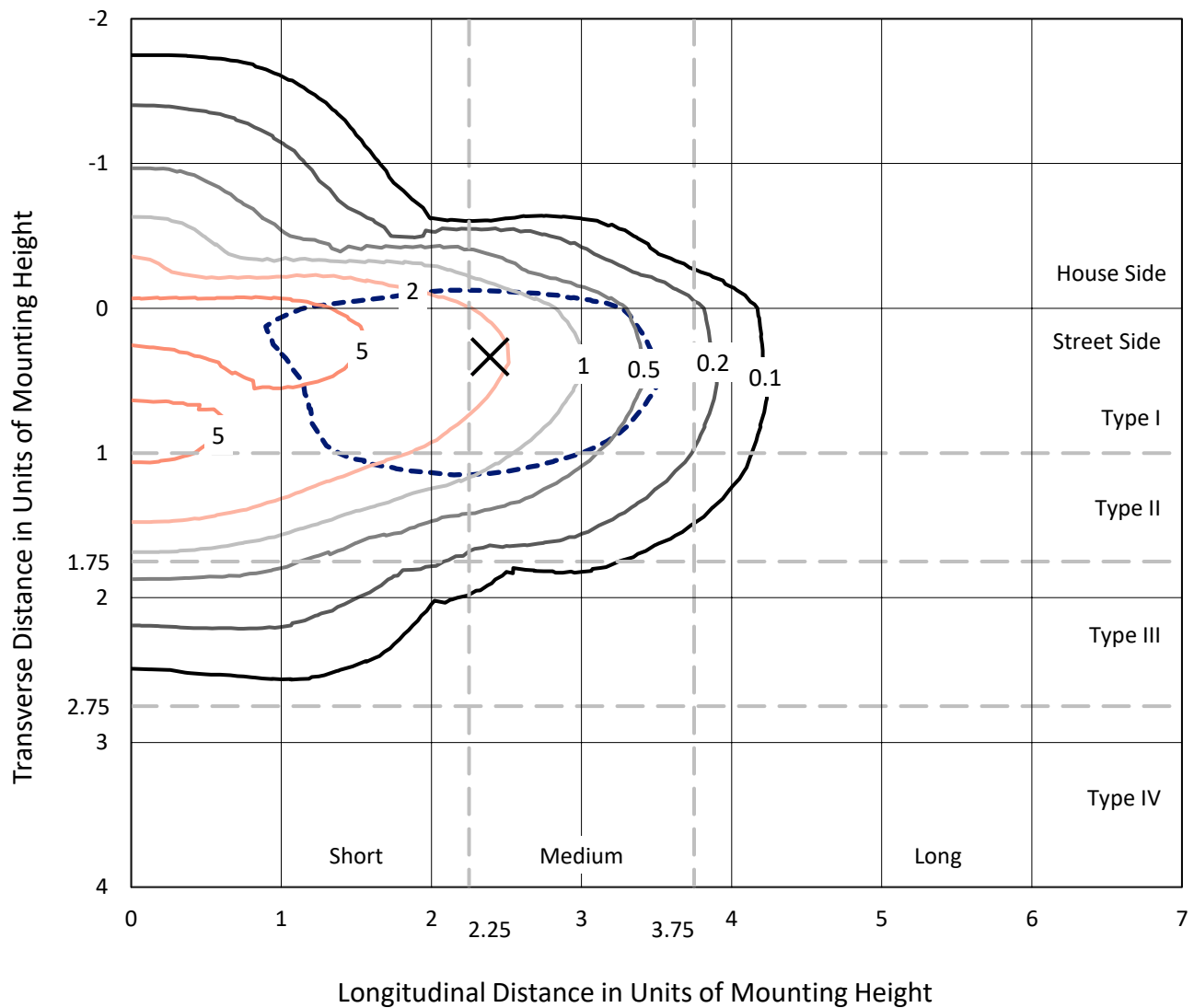


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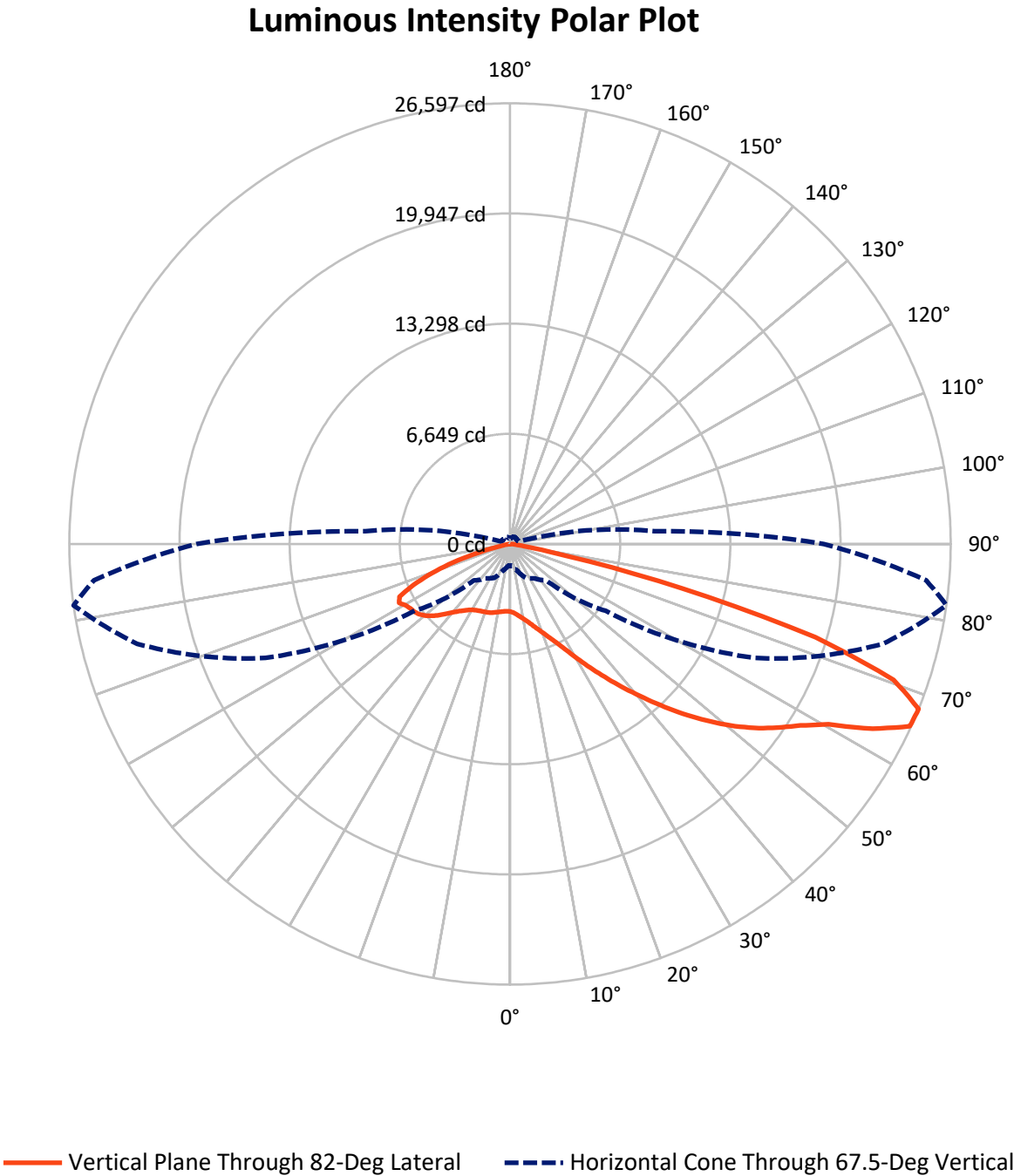
Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.6 fc
Type II - Medium - N/A

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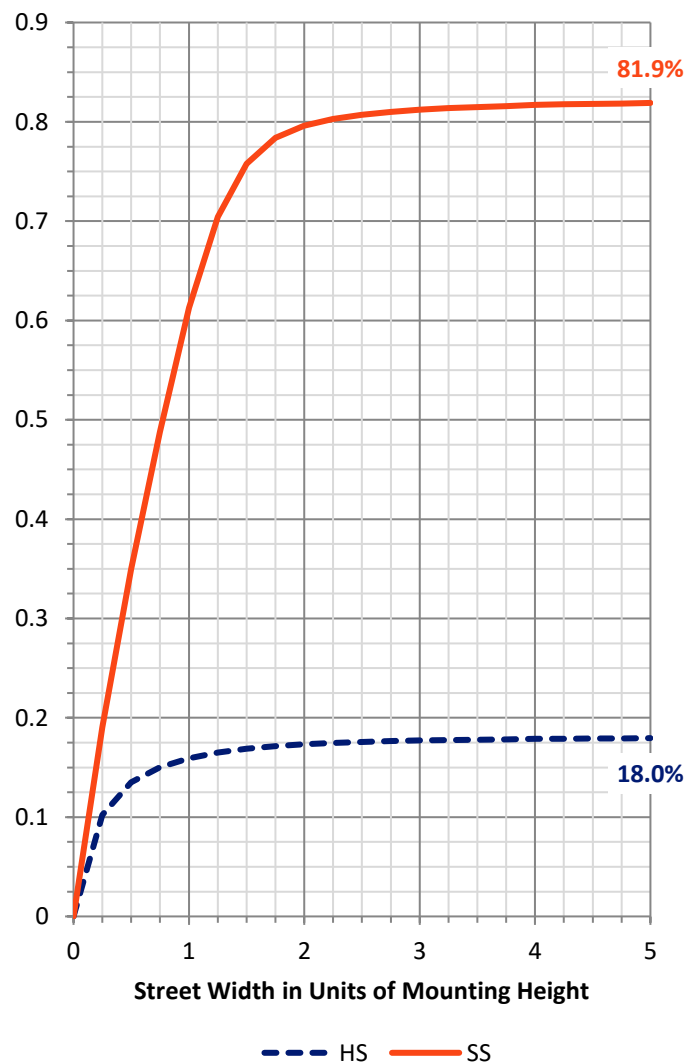
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4464.6	0.0	4464.6
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	20182.4	0.0	20182.4
	% Fixture	81.9	0.0	81.9
Total	Lumens	24647.0	0.0	24647.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	363.8	1.5
10°-20°	945.3	3.8
20°-30°	1514.1	6.1
30°-40°	2677.4	10.9
40°-50°	4691.1	19.0
50°-60°	6256.5	25.4
60°-70°	5824.5	23.6
70°-80°	2235.4	9.1
80°-90°	138.8	0.6
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°	24647.0	100.0
0°-180°	24647.0	100.0

Coefficient of Utilization



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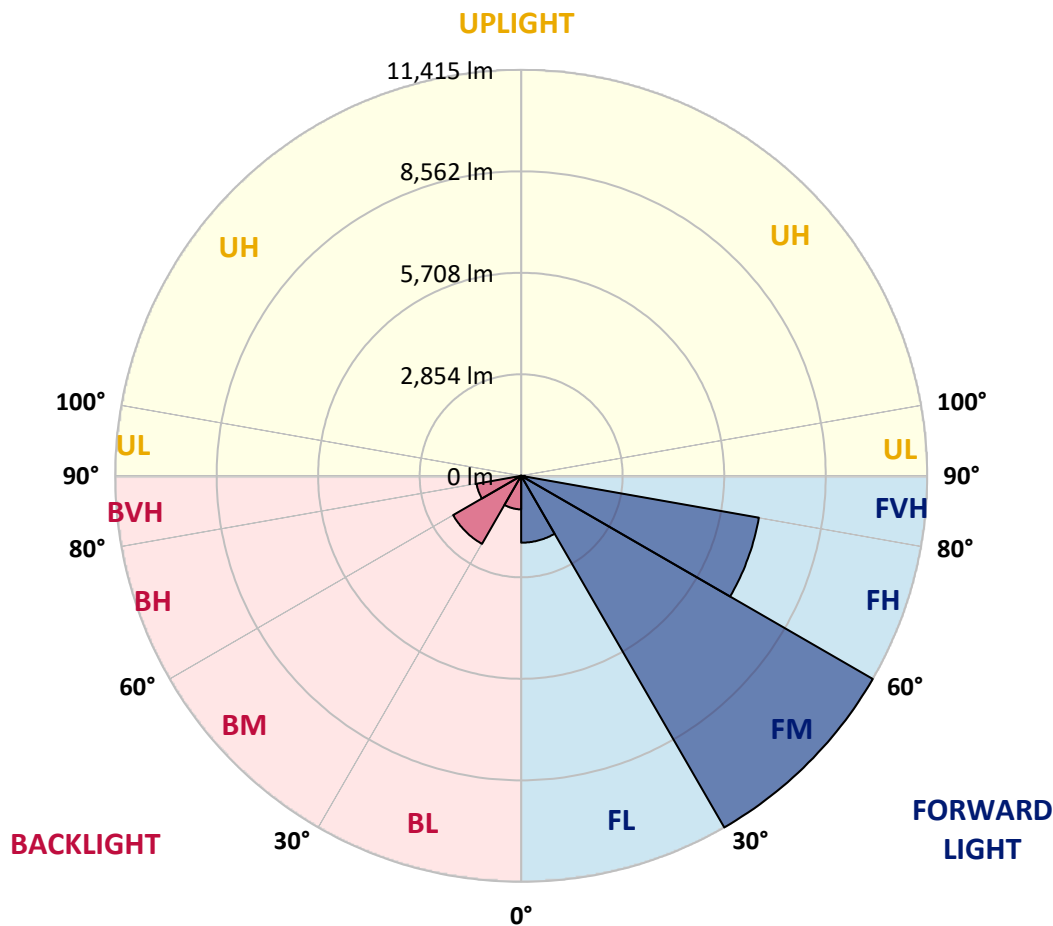
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1880.3	7.6			
FM	(30°-60°)	11415.5	46.3			
FH	(60°-80°)	6785.7	27.5			G3/7500
FVH	(80°-90°)	100.9	0.4			G2/225
BL	(0°-30°)	942.9	3.8	B2/1000		
BM	(30°-60°)	2209.5	9.0	B2/2500		
BH	(60°-80°)	1274.3	5.2	B3/2500		G3/2500
BVH	(80°-90°)	37.9	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	4083.2	4083.2	4083.2	4083.2	4083.2	4083.2	4083.2	4083.2	4083.2	4083.2
2.5°	4315.6	4340.5	4326.3	4319.2	4306.8	4289.0	4274.8	4230.5	4184.3	4154.2
5°	4402.6	4427.4	4425.7	4432.8	4441.6	4447.0	4443.4	4393.7	4328.1	4276.6
7.5°	4328.1	4356.5	4379.5	4415.0	4477.1	4542.8	4574.7	4564.1	4496.6	4425.7
10°	4116.9	4147.1	4202.1	4285.5	4416.8	4558.7	4677.6	4732.6	4690.1	4612.0
12.5°	3730.0	3760.2	3868.5	4049.5	4269.5	4516.2	4743.3	4890.6	4901.2	4823.1
15°	3295.3	3325.5	3440.8	3667.9	4003.3	4399.0	4778.8	5057.4	5151.4	5084.0
17.5°	3025.6	3052.2	3139.1	3321.9	3671.5	4164.8	4766.4	5234.8	5449.6	5396.3
20°	2943.9	2967.0	3007.8	3135.6	3426.6	3921.7	4684.7	5401.6	5770.7	5740.6
22.5°	3030.9	3052.2	3064.6	3121.4	3304.2	3762.0	4581.8	5572.0	6143.4	6146.9
25°	3231.4	3252.7	3238.5	3274.0	3353.8	3712.3	4542.8	5772.5	6611.9	6650.9
27.5°	3561.5	3563.2	3529.5	3527.7	3540.2	3786.8	4583.6	5987.2	7202.8	7275.5
30°	4223.4	4196.7	4067.2	3927.0	3863.1	4010.4	4697.2	6241.0	7900.2	8029.7
32.5°	5243.7	5204.7	4966.9	4631.5	4294.3	4370.6	4901.2	6530.2	8659.7	8893.9
35°	6351.0	6340.4	6091.9	5593.3	5004.2	4883.5	5233.1	6910.0	9488.4	9861.0
37.5°	7380.2	7374.9	7232.9	6645.6	5928.7	5598.6	5765.4	7406.9	10375.6	10915.1
40°	8320.7	8336.7	8194.7	7669.5	6947.3	6516.0	6489.4	8020.8	11362.3	12063.2
42.5°	9133.5	9151.2	9007.5	8618.9	7953.4	7531.1	7378.5	8773.2	12325.8	13296.5
45°	9685.3	9795.4	9774.1	9463.5	8986.2	8547.9	8446.7	9717.3	13424.3	14604.3
47.5°	9841.5	9942.6	10102.4	10144.9	9853.9	9422.7	9543.4	10854.7	14535.1	15913.9
50°	9456.4	9550.5	9882.3	10324.2	10526.5	10393.4	10609.9	12073.8	15672.6	17220.0
52.5°	8696.9	8792.8	9211.5	9910.7	10735.9	11154.6	11679.9	13275.2	16774.6	18456.8
55°	7598.5	7699.6	8237.3	9028.8	10336.6	11468.7	12572.5	14474.8	17784.3	19569.4
57.5°	6104.4	6178.9	6737.9	7845.2	9332.2	11156.4	13230.8	15784.4	18735.4	20662.5
60°	3978.5	4044.1	4693.6	5928.7	7667.7	10113.0	13362.1	17244.8	19998.9	22083.9
62.5°	2645.8	2690.2	3075.2	3982.0	5399.9	8109.6	12593.8	18410.7	21851.5	24557.6
65°	1815.3	1859.7	2244.8	2876.5	3488.7	5364.4	10384.5	18256.3	23530.2	26522.0
67.5°	1295.4	1332.7	1659.2	2255.4	2525.1	3116.1	7039.5	16283.0	23288.8	26596.5
70°	928.1	949.4	1219.1	1756.8	2007.0	1872.1	3914.6	12453.6	20391.0	24559.4
72.5°	649.5	656.6	846.4	1338.0	1616.6	1366.4	1863.2	8303.0	15422.4	19276.6
75°	440.1	449.0	569.6	981.3	1297.2	1043.4	986.6	4452.3	9053.6	10670.2
77.5°	269.7	273.3	367.3	670.8	970.7	795.0	635.3	1886.3	3502.9	3439.0
80°	152.6	152.6	234.2	417.0	661.9	512.8	445.4	802.1	1109.1	974.2
82.5°	85.2	87.0	170.4	259.1	438.3	303.4	244.9	370.9	479.1	424.1
85°	35.5	39.0	104.7	122.4	209.4	150.8	99.4	156.2	177.5	157.9
87.5°	3.5	5.3	31.9	23.1	24.8	30.2	14.2	30.2	24.8	24.8
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°
4083.2	0°	4083.2	4083.2	4083.2	4083.2	4083.2	4083.2	4083.2	4083.2	4083.2	4083.2
4143.5	2.5°	4109.8	4083.2	4015.7	3937.7	3834.7	3785.1	3717.6	3671.5	3632.4	3636.0
4246.4	5°	4189.6	4122.2	3971.4	3783.3	3549.0	3382.2	3204.8	3082.3	2983.0	2961.7
4388.4	7.5°	4299.7	4193.2	3928.8	3589.9	3194.1	2894.2	2626.3	2454.2	2331.7	2292.7
4560.5	10°	4441.6	4287.2	3873.8	3346.7	2777.1	2395.6	2108.1	1973.3	1889.9	1861.5
4762.8	12.5°	4606.7	4395.5	3801.0	3050.4	2347.7	1980.4	1797.6	1730.2	1703.5	1694.7
5011.2	15°	4814.3	4530.4	3691.0	2699.0	1983.9	1726.6	1648.5	1639.7	1643.2	1639.7
5309.4	17.5°	5060.9	4677.6	3511.8	2337.0	1739.0	1597.1	1568.7	1575.8	1584.6	1582.9
5643.0	20°	5330.7	4823.1	3282.9	2015.9	1572.2	1504.8	1488.8	1495.9	1503.0	1499.5
6028.0	22.5°	5637.7	4979.3	3029.1	1765.6	1460.4	1419.6	1401.9	1403.6	1403.6	1396.5
6516.0	25°	6005.0	5151.4	2762.9	1588.2	1375.3	1343.3	1322.0	1314.9	1304.3	1283.0
7108.7	27.5°	6443.3	5334.2	2507.4	1464.0	1307.8	1277.7	1252.8	1235.1	1208.4	1173.0
7820.3	30°	6936.6	5556.0	2290.9	1385.9	1254.6	1224.4	1196.0	1169.4	1130.4	1086.0
8638.4	32.5°	7516.9	5793.8	2133.0	1334.4	1206.7	1174.7	1141.0	1109.1	1066.5	1022.1
9557.6	35°	8208.9	6081.3	2040.7	1298.9	1169.4	1126.8	1089.6	1054.1	1022.1	983.1
10556.6	37.5°	8959.6	6386.5	2012.3	1281.2	1144.6	1078.9	1036.3	1011.5	1007.9	984.9
11637.3	40°	9781.2	6748.5	2033.6	1270.6	1117.9	1032.8	986.6	981.3	990.2	949.4
12792.5	42.5°	10650.7	7177.9	2069.1	1258.1	1080.7	986.6	942.3	942.3	935.2	878.4
14013.4	45°	11591.2	7673.0	2104.6	1228.0	1036.3	940.5	906.8	894.4	864.2	809.2
15241.4	47.5°	12538.8	8177.0	2131.2	1173.0	983.1	901.5	871.3	842.9	798.5	748.8
16446.3	50°	13438.5	8629.5	2102.8	1091.3	922.8	864.2	832.3	793.2	745.3	711.6
17587.3	52.5°	14242.3	9021.7	1982.1	995.5	858.9	825.2	796.8	755.9	716.9	681.4
18616.5	55°	14941.5	9339.3	1769.2	905.0	802.1	791.4	763.0	711.6	658.3	628.2
19636.9	57.5°	15612.2	9580.6	1503.0	830.5	750.6	754.2	711.6	665.4	615.8	583.8
21012.1	60°	16504.8	9903.6	1233.3	761.3	695.6	706.3	660.1	626.4	564.3	523.5
23370.4	62.5°	17931.5	10405.8	979.5	676.1	631.7	635.3	615.8	574.9	500.4	452.5
25118.4	65°	19063.7	10221.2	771.9	583.8	559.0	564.3	564.3	519.9	440.1	385.1
25212.4	67.5°	18935.9	8751.9	615.8	493.3	489.8	493.3	505.7	468.5	390.4	346.0
23292.4	70°	17443.5	6961.4	493.3	409.9	425.9	417.0	452.5	427.7	351.4	307.0
18057.5	72.5°	14233.4	5014.8	376.2	338.9	326.5	340.7	408.1	385.1	292.8	243.1
9564.7	75°	8317.2	2676.0	280.4	268.0	236.0	283.9	362.0	328.3	223.6	179.2
2931.5	77.5°	2707.9	933.4	205.8	197.0	175.7	228.9	308.8	276.8	182.8	142.0
858.9	80°	725.8	282.1	140.2	129.5	113.6	170.4	244.9	220.0	131.3	92.3
369.1	82.5°	291.0	118.9	81.6	72.8	62.1	117.1	193.4	177.5	97.6	58.6
115.3	85°	94.0	39.0	30.2	23.1	28.4	72.8	115.3	120.7	69.2	30.2
17.7	87.5°	12.4	5.3	5.3	7.1	5.3	12.4	35.5	33.7	19.5	3.5
0.0	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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180°
4083.2
3600.5
2913.8
2253.6
1840.2
1689.3
1637.9
1579.3
1497.7
1393.0
1279.4
1169.4
1082.5
1023.9
979.5
983.1
951.1
878.4
807.4
747.1
706.3
677.9
624.6
580.3
518.2
449.0
379.7
338.9
301.7
237.8
173.9
136.6
90.5
58.6
23.1
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