

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: P956268

Luminaire Tested: **GLAN-SB9A-722-U-T2R**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P956268
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB9A-722-U-T2R
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II
ROADWAY OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 34378 lumens
Efficiency: N/A
Efficacy: 134.6 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



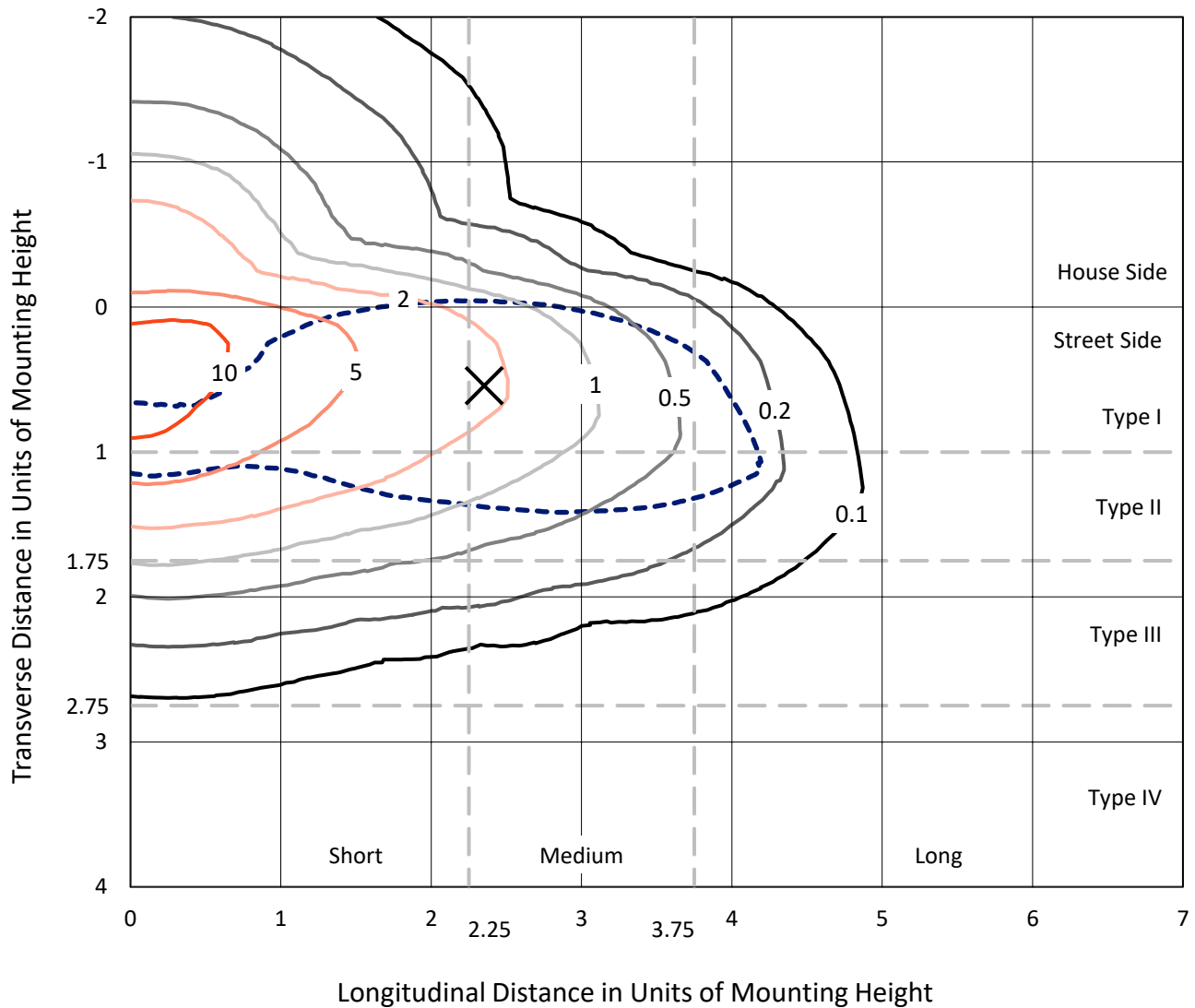
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Iso-Footcandle Lines of Horizontal Illumination

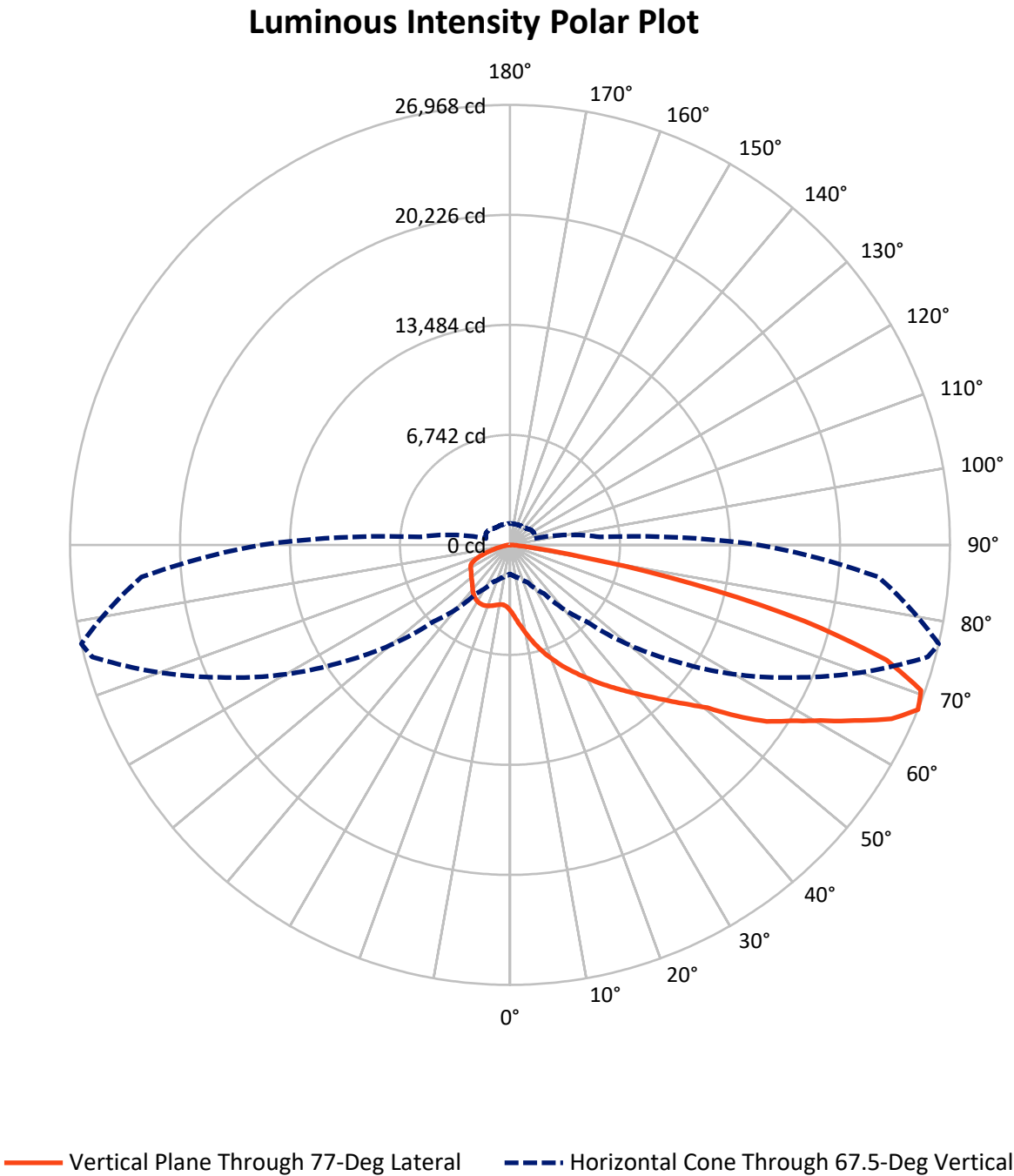
✕ Max cd

--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.6 fc
Type II - Medium - N/A

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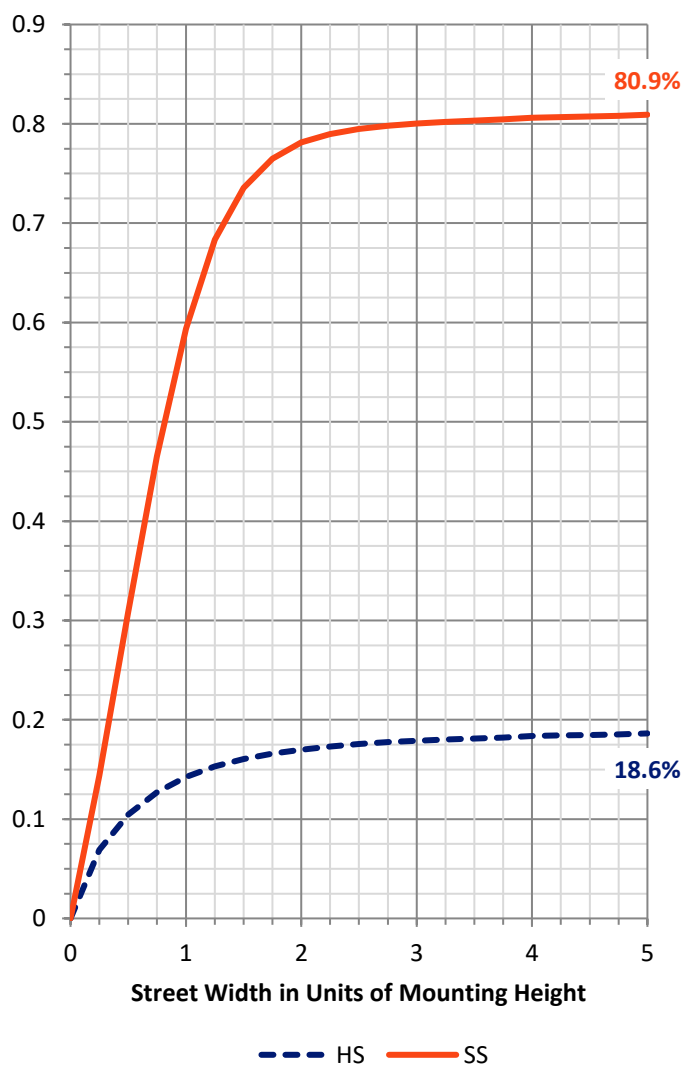
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6502.9	0.0	6502.9
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	27875.0	0.0	27875.0
	% Fixture	81.1	0.0	81.1
Total	Lumens	34378.0	0.0	34378.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	432.4	1.3
10°-20°	1553.3	4.5
20°-30°	2932.7	8.5
30°-40°	4724.5	13.7
40°-50°	6462.3	18.8
50°-60°	7289.5	21.2
60°-70°	6803.8	19.8
70°-80°	3729.6	10.8
80°-90°	449.9	1.3
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°	34378.0	100.0
0°-180°	34378.0	100.0

Coefficient of Utilization



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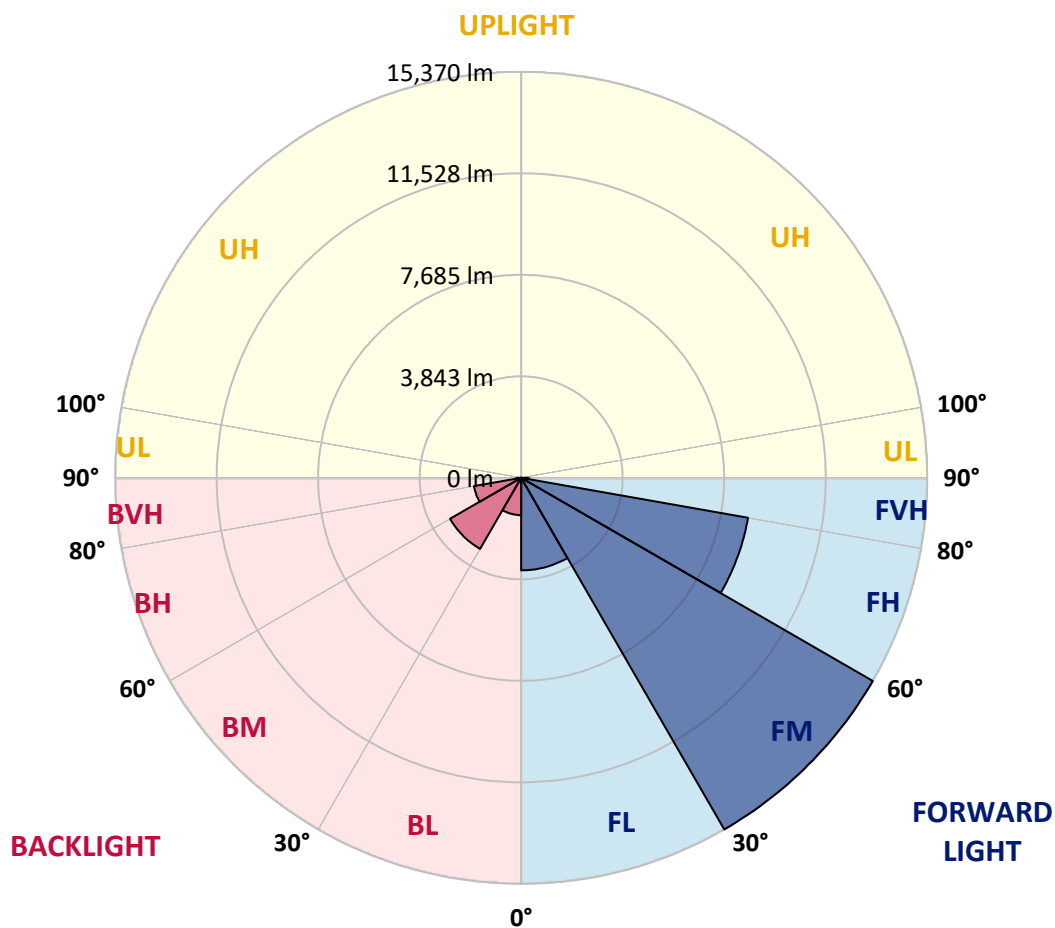
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3504.4	10.2			
FM	(30°-60°)	15370.0	44.7			
FH	(60°-80°)	8719.3	25.4			G4/12000
FVH	(80°-90°)	281.3	0.8			G3/500
BL	(0°-30°)	1413.9	4.1	B3/2500		
BM	(30°-60°)	3106.3	9.0	B3/5000		
BH	(60°-80°)	1814.2	5.3	B3/2500		G3/2500
BVH	(80°-90°)	168.5	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°	77°
0°	4033.6	4033.6	4033.6	4033.6	4033.6	4033.6	4033.6	4033.6	4033.6	4033.6
2.5°	5050.4	5085.9	5041.6	5041.6	4892.5	4814.4	4665.4	4551.8	4347.7	4312.2
5°	5969.7	6014.0	5951.9	5925.3	5749.6	5588.1	5337.9	5091.3	4727.5	4690.2
7.5°	6681.3	6738.1	6683.0	6654.7	6498.5	6317.5	6024.7	5680.4	5167.6	5094.8
10°	7261.6	7270.4	7252.7	7263.3	7140.9	6991.8	6691.9	6290.9	5650.2	5550.9
12.5°	7589.9	7630.7	7666.2	7730.0	7708.8	7616.5	7346.7	6867.6	6161.3	6033.6
15°	7744.2	7815.2	7895.1	8042.4	8161.3	8184.3	7978.5	7486.9	6681.3	6526.9
17.5°	7799.3	7866.7	7992.7	8205.6	8461.2	8633.3	8541.0	8088.5	7195.9	7018.4
20°	8077.9	8097.4	8173.7	8376.0	8652.8	8938.5	9007.7	8667.0	7705.2	7504.7
22.5°	8674.1	8635.1	8656.4	8748.7	8947.4	9224.2	9382.2	9178.1	8228.7	7998.0
25°	9659.0	9545.4	9431.9	9325.4	9426.5	9582.7	9761.9	9689.2	8777.0	8484.2
27.5°	10903.0	10764.6	10514.4	10164.8	10042.3	10097.3	10177.2	10163.0	9284.6	8988.2
30°	12127.4	11966.0	11667.8	11162.1	10839.1	10693.6	10633.2	10592.4	9836.5	9520.6
32.5°	13105.2	12977.5	12684.7	12118.6	11650.1	11401.6	11201.1	11055.6	10413.2	10097.3
35°	13960.6	13841.7	13506.3	12888.7	12379.4	12115.0	11852.4	11541.8	11013.0	10693.6
37.5°	14741.4	14622.5	14162.9	13520.5	13007.6	12824.8	12590.6	12063.6	11614.6	11312.9
40°	15234.7	15208.1	14778.7	14051.1	13518.7	13428.2	13350.1	12668.7	12281.8	12001.4
42.5°	15360.7	15419.3	15078.6	14480.5	13973.0	13900.2	14083.0	13353.7	13030.7	12762.7
45°	15057.3	15225.8	15002.3	14595.9	14296.0	14256.9	14732.5	14102.5	13859.4	13614.5
47.5°	14288.9	14574.6	14482.3	14425.5	14382.9	14551.5	15303.9	14897.6	14798.2	14585.2
50°	12737.9	13279.1	13440.6	13799.1	14210.8	14780.4	15823.9	15765.3	15894.9	15680.1
52.5°	10056.5	10801.8	11738.8	12636.7	13682.0	14704.1	16395.3	17011.1	17557.6	17440.5
55°	8301.5	8636.9	9357.3	11004.1	12656.3	14382.9	16652.6	18017.3	19208.0	19103.3
57.5°	6952.8	7252.7	7696.3	9071.6	11105.3	13653.6	16812.3	18631.3	20338.4	20327.7
60°	5506.5	5824.2	6278.4	7252.7	9293.4	12393.6	16776.8	19330.4	21781.1	21869.9
62.5°	3873.9	4223.5	4727.5	5636.0	7442.6	10761.0	16052.8	19836.2	23479.4	23720.7
65°	2546.5	2777.2	3157.0	3941.3	5545.5	8661.7	14670.4	19901.9	25296.6	25704.7
67.5°	1785.2	1874.0	2097.5	2523.4	3655.6	6642.2	12468.2	19222.2	26508.6	26968.2
70°	1393.0	1437.4	1551.0	1721.3	2296.3	4466.6	9554.3	17454.7	26249.5	26728.6
72.5°	1203.2	1245.8	1288.3	1309.6	1540.3	2757.7	6471.9	14594.1	23809.5	24134.2
75°	1091.4	1102.0	1137.5	1130.4	1174.8	1788.8	3735.5	10633.2	18785.6	18673.8
77.5°	917.5	931.7	990.2	981.3	1043.4	1222.7	1939.6	6862.3	12178.9	11419.4
80°	777.3	784.4	848.2	837.6	906.8	885.5	990.2	3497.7	5165.8	4376.1
82.5°	269.7	333.6	647.7	667.2	692.1	535.9	571.4	1426.8	1577.6	1208.5
85°	131.3	140.2	330.1	468.5	466.7	269.7	278.6	509.3	496.9	390.4
87.5°	21.3	26.6	39.0	182.8	145.5	71.0	95.8	99.4	102.9	88.7
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°
4033.6	0°	4033.6	4033.6	4033.6	4033.6	4033.6	4033.6	4033.6	4033.6	4033.6	4033.6
4177.3	2.5°	4078.0	3989.2	3802.9	3630.8	3495.9	3366.4	3293.6	3231.5	3196.0	3188.9
4372.6	5°	4188.0	4005.2	3666.3	3380.6	3194.2	3055.8	2983.1	2936.9	2913.9	2899.7
4635.2	7.5°	4345.9	4078.0	3595.3	3270.5	3075.3	2976.0	2938.7	2931.6	2929.8	2931.6
4952.8	10°	4564.2	4196.9	3588.2	3243.9	3080.7	3025.6	3023.9	3025.6	3032.7	3034.5
5298.9	12.5°	4800.2	4319.3	3616.6	3267.0	3148.1	3117.9	3112.6	3110.8	3116.2	3119.7
5648.5	15°	5057.5	4480.8	3664.5	3316.7	3222.6	3190.7	3185.4	3174.7	3172.9	3171.2
6015.8	17.5°	5321.9	4640.5	3717.7	3369.9	3270.5	3226.2	3206.7	3181.8	3162.3	3157.0
6395.6	20°	5589.9	4798.4	3755.0	3396.5	3274.1	3212.0	3172.9	3130.3	3096.6	3077.1
6778.9	22.5°	5875.6	4963.5	3778.1	3389.4	3242.1	3157.0	3086.0	3036.3	2984.8	2951.1
7165.7	25°	6154.2	5107.2	3776.3	3352.2	3180.0	3071.8	2981.3	2917.4	2846.4	2810.9
7565.0	27.5°	6422.2	5236.8	3731.9	3286.5	3091.3	2970.6	2862.4	2786.1	2716.9	2683.2
7967.8	30°	6699.0	5345.0	3662.7	3190.7	2986.6	2853.5	2734.6	2669.0	2606.8	2574.9
8393.7	32.5°	6974.1	5444.4	3565.1	3071.8	2865.9	2738.2	2621.0	2560.7	2523.4	2523.4
8851.6	35°	7265.1	5513.6	3435.6	2933.4	2738.2	2615.7	2523.4	2488.0	2484.4	2463.1
9336.0	37.5°	7572.1	5558.0	3277.6	2791.4	2612.2	2496.8	2468.4	2425.8	2390.4	2344.2
9868.4	40°	7895.1	5602.3	3087.8	2644.1	2479.1	2415.2	2402.8	2346.0	2244.8	2131.3
10471.8	42.5°	8287.3	5632.5	2890.8	2496.8	2338.9	2317.6	2335.3	2237.7	2076.3	1991.1
11199.3	45°	8741.6	5682.2	2709.8	2351.3	2195.1	2195.1	2269.7	2141.9	2008.8	1955.6
12029.8	47.5°	9330.7	5797.5	2541.2	2191.6	2062.1	2097.5	2124.2	2026.6	1952.0	1886.4
13041.3	50°	10182.5	6074.4	2367.3	2030.1	1960.9	2031.9	1994.6	1937.8	1850.9	1797.6
14649.1	52.5°	11240.2	6237.6	2212.9	1884.6	1874.0	1944.9	1891.7	1838.5	1772.8	1701.8
15868.2	55°	11960.6	6267.8	2083.4	1778.1	1815.4	1808.3	1788.8	1740.9	1705.4	1611.3
17071.4	57.5°	12766.3	6328.1	1976.9	1714.2	1778.1	1700.0	1692.9	1652.1	1606.0	1542.1
18539.0	60°	13729.9	6422.2	1884.6	1689.4	1746.2	1629.1	1593.6	1577.6	1531.5	1499.5
20304.7	62.5°	14780.4	6507.4	1790.5	1692.9	1708.9	1559.9	1506.6	1501.3	1472.9	1462.2
21962.1	65°	15497.4	6274.9	1673.4	1689.4	1650.4	1488.9	1421.4	1419.7	1396.6	1393.0
22680.8	67.5°	15247.1	5538.4	1515.5	1639.7	1590.0	1417.9	1343.4	1336.3	1306.1	1307.9
21930.2	70°	13994.3	4487.9	1297.2	1517.3	1515.5	1354.0	1261.7	1238.7	1197.8	1204.9
19067.8	72.5°	11644.8	3325.6	1004.4	1313.2	1396.6	1295.4	1167.7	1130.4	1078.9	1086.0
14075.9	75°	8409.7	2260.8	731.1	999.1	1215.6	1226.2	1075.4	1011.5	949.4	960.0
7834.7	77.5°	4303.3	1281.2	537.7	688.5	954.7	1114.4	992.0	906.8	892.6	992.0
2259.0	80°	1403.7	642.4	372.7	482.7	626.4	912.1	869.5	771.9	768.4	791.5
473.8	82.5°	418.8	271.5	239.6	317.6	346.0	699.2	750.6	583.8	502.2	528.8
157.9	85°	143.7	131.3	136.6	157.9	165.0	409.9	525.3	386.9	365.6	402.8
35.5	87.5°	33.7	46.1	39.0	35.5	35.5	99.4	204.1	161.5	223.6	149.1
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°
4033.6
3188.9
2897.9
2936.9
3036.3
3121.5
3169.4
3162.3
3084.2
2952.9
2810.9
2681.4
2573.1
2525.2
2457.8
2337.1
2115.3
1992.8
1964.5
1884.6
1792.3
1687.6
1613.1
1520.8
1508.4
1462.2
1391.3
1307.9
1212.0
1084.3
963.6
977.8
679.7
546.6
397.5
143.7
0.0

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