

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: P852763

Luminaire Tested: **GLAN-SB6B-722-U-T4FT**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P852763
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6B-722-U-T4FT
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV
FORWARD THROW OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26392 lumens
Efficiency: N/A
Efficacy: 119.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

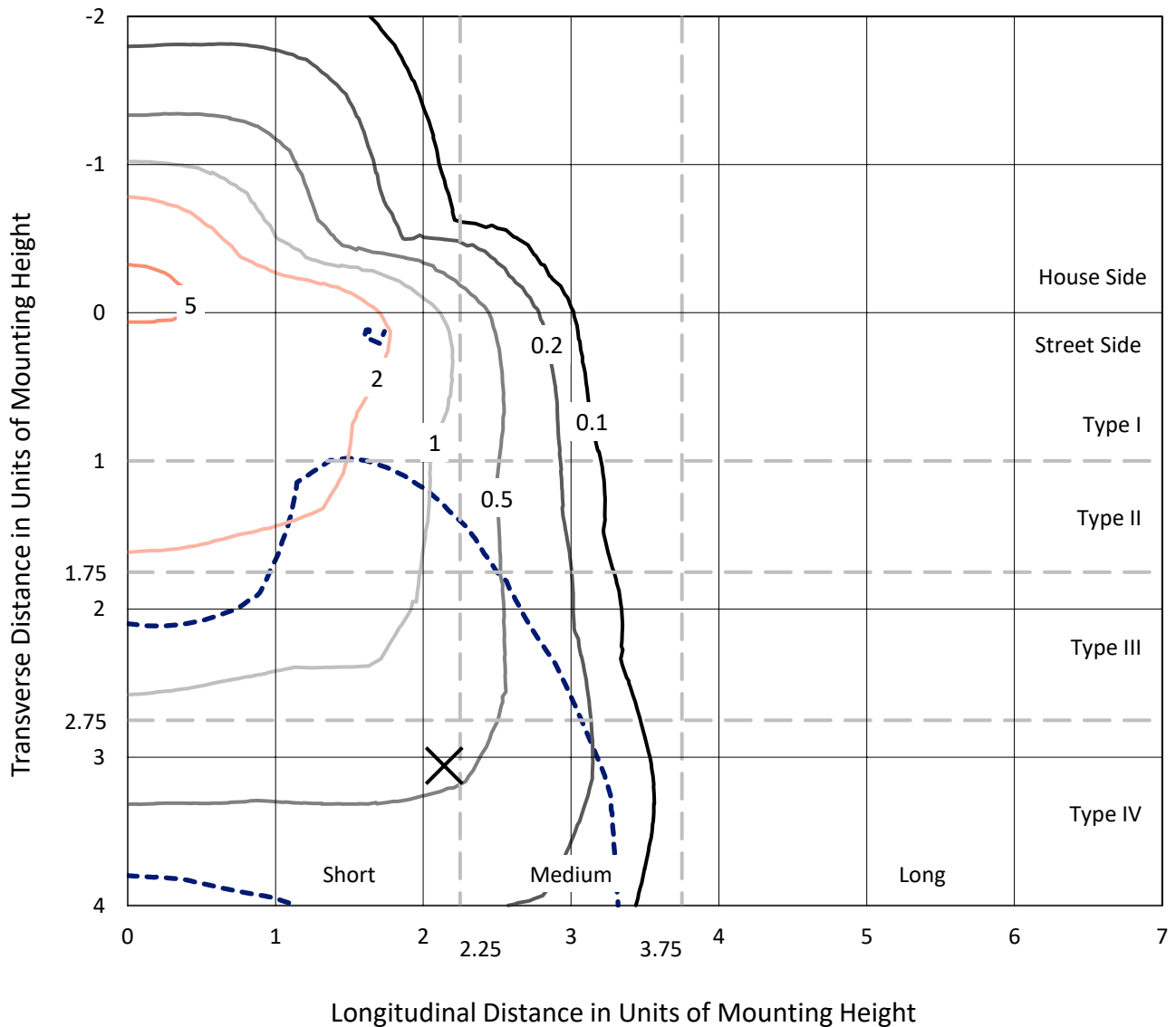
Input Watts (W): 220.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

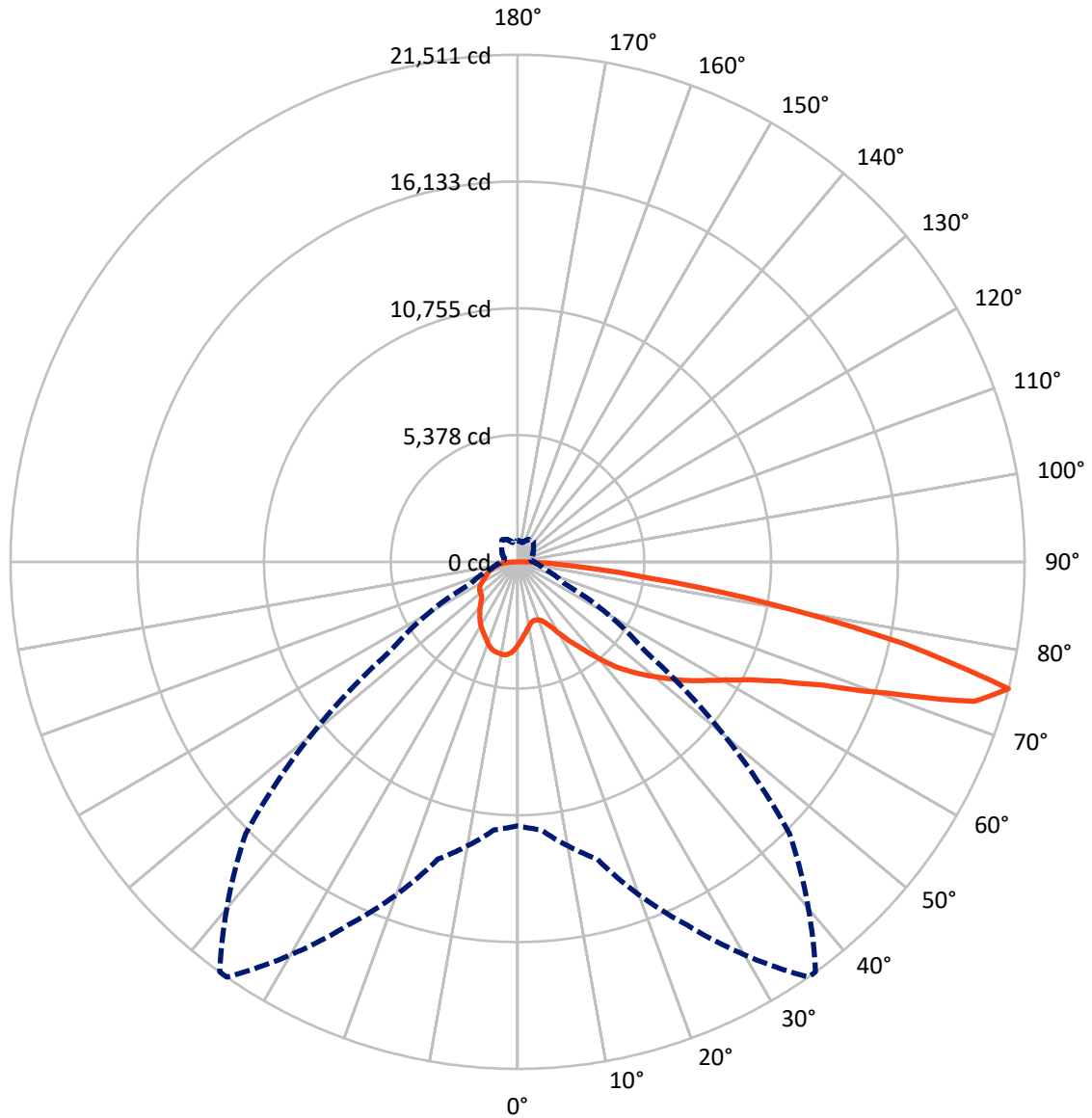
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral - - - Horizontal Cone Through 75-Deg Vertical

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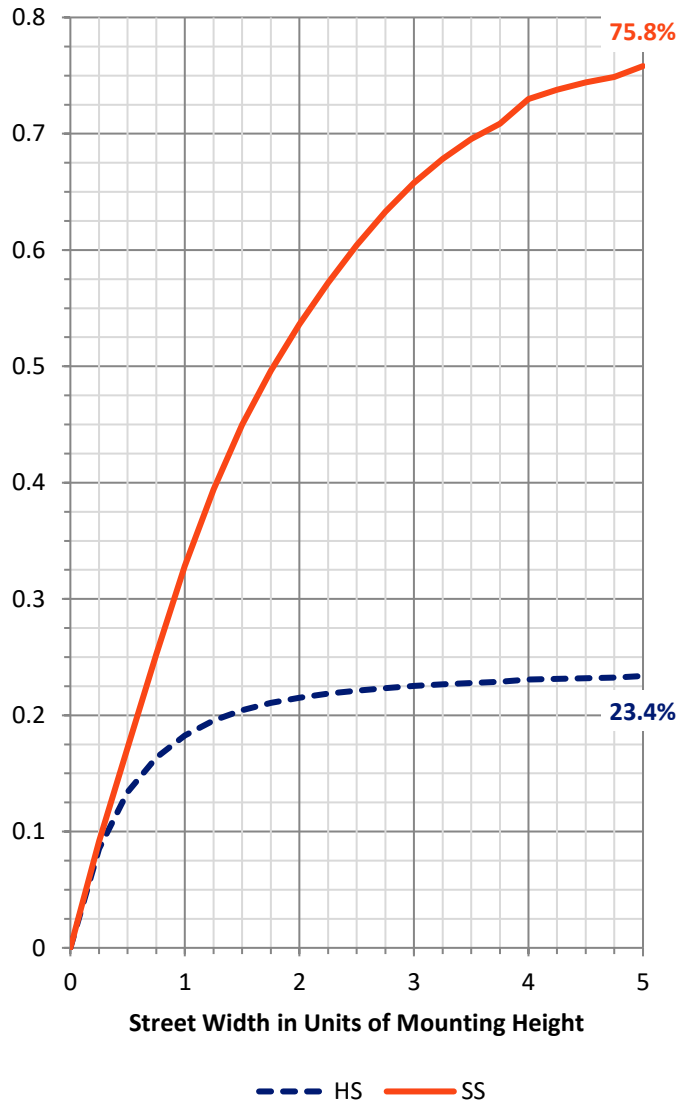
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6280.6	0.0	6280.6
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	20111.4	0.0	20111.4
	% Fixture	76.2	0.0	76.2
Total	Lumens	26392.0	0.0	26392.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	333.0	1.3
10°-20°	960.5	3.6
20°-30°	1612.9	6.1
30°-40°	2506.6	9.5
40°-50°	3720.5	14.1
50°-60°	5136.4	19.5
60°-70°	6231.6	23.6
70°-80°	5149.9	19.5
80°-90°	740.7	2.8
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°	26392.0	100.0
0°-180°	26392.0	100.0

Coefficient of Utilization



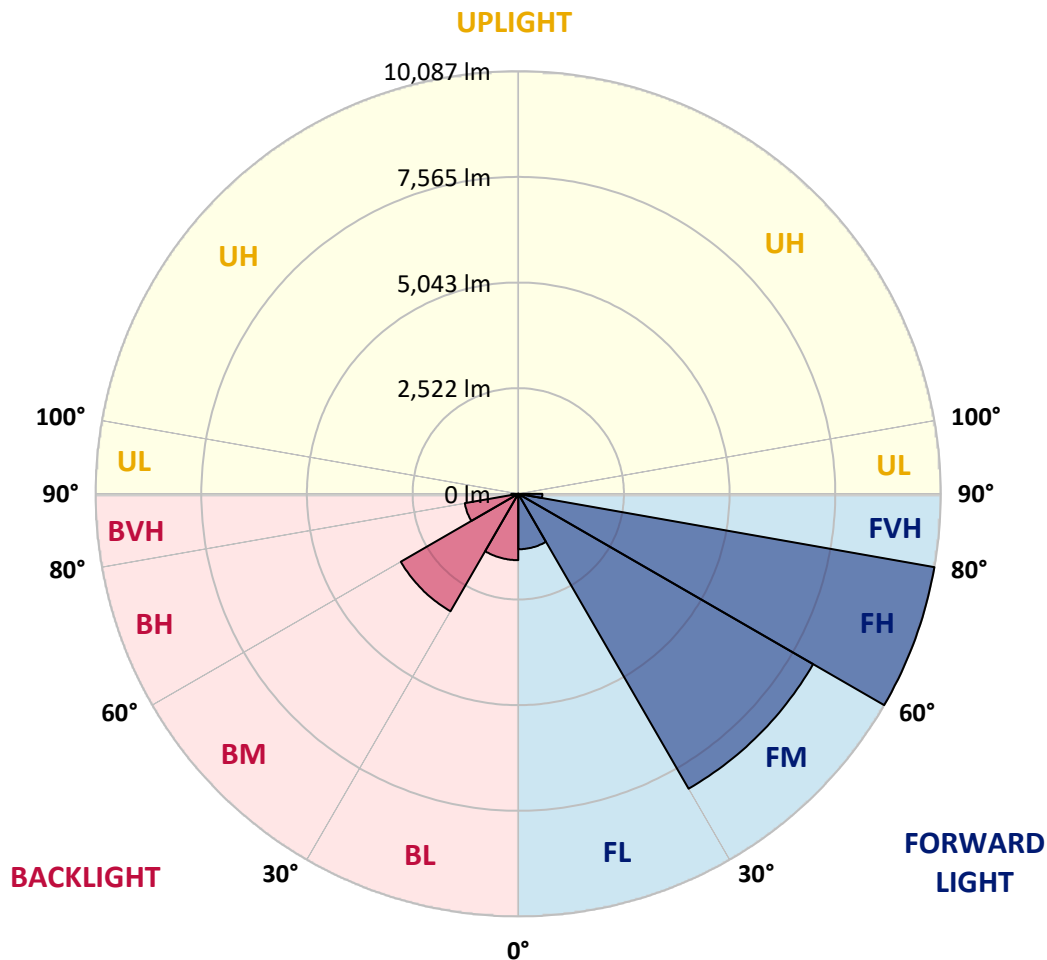
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1323.5	5.0			
FM (30°-60°)	8127.3	30.8			
FH (60°-80°)	10086.6	38.2			G4/12000
FVH (80°-90°)	573.9	2.2			G4/750
BL (0°-30°)	1582.8	6.0	B3/2500		
BM (30°-60°)	3236.2	12.3	B3/5000		
BH (60°-80°)	1294.9	4.9	B3/2500		G3/2500
BVH (80°-90°)	166.8	0.6			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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°
0°	3516.9	3516.9	3516.9	3516.9	3516.9	3516.9	3516.9	3516.9	3516.9	3516.9
2.5°	3243.0	3263.0	3271.5	3267.2	3288.6	3285.8	3315.7	3352.8	3404.2	3454.1
5°	2993.3	3014.7	3033.2	3050.4	3091.7	3104.6	3151.7	3223.0	3317.2	3412.8
7.5°	2760.7	2779.3	2807.8	2839.2	2909.1	2922.0	3000.4	3111.7	3243.0	3382.8
10°	2571.0	2589.5	2619.5	2655.2	2742.2	2757.9	2857.8	3006.1	3177.3	3354.3
12.5°	2489.7	2495.4	2512.5	2548.2	2623.8	2633.8	2743.6	2913.4	3113.1	3332.9
15°	2485.4	2496.8	2498.2	2516.8	2579.5	2583.8	2685.1	2853.5	3073.2	3328.6
17.5°	2528.2	2536.7	2523.9	2535.3	2588.1	2595.2	2675.1	2824.9	3060.4	3347.1
20°	2642.3	2649.5	2610.9	2595.2	2633.8	2639.5	2717.9	2843.5	3073.2	3385.7
22.5°	2884.9	2889.1	2795.0	2730.8	2733.6	2736.5	2805.0	2919.1	3123.1	3455.6
25°	3263.0	3260.1	3110.3	2986.2	2914.8	2899.1	2944.8	3041.8	3207.3	3548.3
27.5°	3705.2	3683.8	3534.0	3348.6	3193.0	3170.2	3160.2	3201.6	3327.2	3671.0
30°	4204.6	4184.6	4023.4	3780.9	3565.4	3528.3	3434.2	3412.8	3505.5	3837.9
32.5°	4752.5	4739.6	4547.0	4253.1	3964.9	3922.1	3763.7	3706.7	3779.4	4090.5
35°	5211.9	5200.5	5040.7	4738.2	4385.8	4333.0	4171.8	4107.6	4144.7	4414.3
37.5°	5627.1	5621.4	5484.4	5246.1	4882.3	4818.1	4636.9	4615.5	4608.4	4840.9
40°	6012.3	5998.0	5855.3	5729.8	5460.1	5401.6	5241.8	5223.3	5169.1	5366.0
42.5°	6438.9	6401.8	6194.9	6136.4	6063.6	6015.1	5919.5	5922.4	5802.5	5958.1
45°	6787.0	6765.6	6553.0	6518.8	6597.2	6577.3	6660.0	6681.4	6448.9	6578.7
47.5°	7160.8	7140.8	6961.1	6936.8	7149.4	7155.1	7447.6	7454.7	7079.5	7223.6
50°	7621.6	7593.1	7414.8	7444.7	7683.0	7704.4	8239.4	8190.9	7660.2	7878.5
52.5°	7925.5	7942.7	7904.1	7952.6	8277.9	8297.9	9018.4	8894.3	8235.1	8524.8
55°	8149.5	8183.8	8303.6	8414.9	8905.7	8925.7	9753.2	9563.4	8711.7	9124.0
57.5°	8437.7	8389.2	8613.2	8830.1	9502.1	9554.9	10468.0	10208.3	9134.0	9640.5
60°	8851.5	8817.2	8991.3	9312.3	10169.8	10254.0	11224.2	10789.0	9443.6	10050.0
62.5°	9690.4	9604.8	9631.9	9915.8	11011.6	11122.9	12077.3	11295.5	9597.7	10209.7
65°	10944.5	10797.6	10660.6	10857.5	12197.2	12307.1	13040.4	11693.6	9540.6	9900.1
67.5°	12523.9	12378.4	12210.0	12395.5	13943.5	14030.6	14228.9	11917.6	9091.2	8707.4
70°	13826.5	13772.3	13973.5	14736.8	16732.8	16735.7	15752.6	11732.1	7859.9	6173.5
72.5°	13653.9	13621.1	14681.1	17041.0	20248.3	20172.7	17195.1	10328.2	5294.6	2785.0
75°	11201.3	11413.9	13056.1	16999.6	21510.9	21501.0	16311.9	6565.9	2190.0	1154.2
77.5°	6006.6	6343.3	8476.3	12551.0	16792.7	17045.3	11468.1	2297.1	940.2	739.1
80°	1958.9	2252.8	3378.5	6390.4	10911.7	10864.6	4915.1	901.7	643.5	523.6
82.5°	831.8	866.0	1509.5	3017.6	5600.0	5512.9	1565.1	517.9	452.3	358.1
85°	325.3	363.8	666.3	1395.4	2425.5	2372.7	565.0	256.8	289.6	234.0
87.5°	107.0	129.8	238.3	478.0	754.7	727.6	138.4	88.5	125.6	107.0
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°
3516.9	0°	3516.9	3516.9	3516.9	3516.9	3516.9	3516.9	3516.9	3516.9	3516.9	3516.9
3526.9	2.5°	3546.9	3569.7	3596.8	3636.8	3671.0	3699.5	3729.5	3748.0	3755.2	3776.6
3532.6	5°	3572.6	3622.5	3689.5	3755.2	3819.4	3857.9	3892.1	3909.3	3925.0	3936.4
3548.3	7.5°	3615.4	3679.6	3785.1	3870.7	3925.0	3956.3	3979.2	3973.5	3979.2	3982.0
3565.4	10°	3652.5	3742.3	3867.9	3949.2	3990.6	3992.0	3986.3	3966.3	3956.3	3957.8
3591.1	12.5°	3696.7	3796.6	3932.1	4000.6	4012.0	3980.6	3956.3	3922.1	3909.3	3903.6
3629.6	15°	3756.6	3870.7	4002.0	4027.7	3999.2	3959.2	3917.8	3862.2	3833.6	3810.8
3695.3	17.5°	3829.4	3954.9	4056.2	4037.7	3976.3	3910.7	3843.6	3759.5	3701.0	3676.7
3785.1	20°	3930.7	4043.4	4097.6	4016.3	3923.5	3823.7	3709.5	3606.8	3552.6	3528.3
3899.3	22.5°	4053.4	4161.8	4137.5	3979.2	3847.9	3688.1	3545.4	3469.8	3442.7	3425.6
4046.2	25°	4200.3	4293.1	4166.1	3925.0	3723.8	3508.4	3398.5	3374.2	3361.4	3348.6
4226.0	27.5°	4391.5	4441.4	4187.5	3845.1	3529.8	3317.2	3277.2	3281.5	3277.2	3255.8
4475.7	30°	4644.0	4634.0	4207.5	3715.2	3307.2	3144.5	3147.4	3165.9	3168.8	3154.5
4823.8	32.5°	4976.5	4875.2	4217.4	3546.9	3094.6	2993.3	2996.2	3016.1	3030.4	3006.1
5278.9	35°	5378.8	5156.2	4201.7	3335.7	2930.5	2849.2	2827.8	2833.5	2837.8	2815.0
5831.1	37.5°	5848.2	5471.5	4131.8	3101.7	2795.0	2708.0	2662.3	2623.8	2600.9	2579.5
6456.0	40°	6363.3	5815.4	4003.4	2873.5	2643.7	2558.1	2489.7	2416.9	2339.9	2311.3
7118.0	42.5°	6902.6	6169.2	3847.9	2655.2	2469.7	2399.8	2327.0	2221.4	2105.9	2047.4
7805.7	45°	7461.8	6531.6	3695.3	2439.7	2291.3	2261.4	2177.2	2050.2	1924.7	1850.5
8494.8	47.5°	8009.7	6874.0	3471.3	2222.9	2124.4	2157.2	2091.6	1974.6	1834.8	1717.8
9178.2	50°	8533.3	7195.0	3104.6	2003.1	1988.9	2125.8	2063.1	1894.7	1734.9	1585.1
9848.8	52.5°	9052.7	7454.7	2635.2	1803.4	1916.1	2117.3	2026.0	1840.5	1645.0	1488.1
10479.4	55°	9493.5	7588.8	2182.9	1632.2	1810.5	2044.5	1981.7	1776.3	1518.1	1351.1
10911.7	57.5°	9744.6	7480.4	1806.3	1463.8	1665.0	1924.7	1906.1	1639.3	1366.8	1238.4
10995.9	60°	9636.2	7041.0	1498.1	1316.9	1526.6	1794.8	1774.9	1503.8	1251.3	1130.0
10545.0	62.5°	9038.4	6203.5	1254.1	1188.5	1401.1	1662.2	1643.6	1399.6	1162.8	1045.8
9348.0	65°	7834.2	5046.4	1064.3	1081.5	1274.1	1502.4	1529.5	1312.6	1092.9	978.7
7232.1	67.5°	5975.2	3655.3	916.0	988.7	1150.0	1345.4	1423.9	1249.8	1034.4	926.0
4184.6	70°	3405.6	2075.9	790.4	898.8	1040.1	1199.9	1342.6	1199.9	971.6	881.7
1568.0	72.5°	1291.2	953.1	683.4	809.0	934.5	1077.2	1252.7	1121.4	898.8	831.8
810.4	75°	689.1	580.7	575.0	703.4	813.2	957.3	1140.0	1044.4	844.6	878.9
560.7	77.5°	469.4	410.9	480.8	602.1	680.6	824.7	1020.1	927.4	731.9	729.1
388.1	80°	325.3	291.1	390.9	485.1	526.5	693.4	890.3	796.1	596.4	556.4
239.7	82.5°	195.5	189.8	292.5	362.4	372.4	535.0	737.6	667.7	487.9	425.2
142.7	85°	107.0	112.7	186.9	212.6	216.9	373.8	577.8	516.5	375.2	315.3
51.4	87.5°	30.0	38.5	68.5	84.2	104.2	194.0	343.8	306.7	188.3	131.3
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°
3516.9
3775.2
3939.2
3986.3
3960.6
3900.7
3818.0
3678.1
3525.5
3428.5
3348.6
3260.1
3161.7
3017.6
2830.7
2593.8
2324.2
2054.5
1844.8
1705.0
1572.3
1471.0
1336.9
1221.3
1112.9
1027.3
960.2
908.8
870.3
820.4
907.4
672.0
532.2
428.0
318.2
131.3
0.0

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