

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: P849433

Luminaire Tested: **GLAN-SB6C-722-U-SL4**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P849433  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/26/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB6C-722-U-SL4  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV SPILL  
LIGHT ELIMINATOR OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 35203 lumens  
Efficiency: N/A  
Efficacy: 117.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B4 - U0 - G5

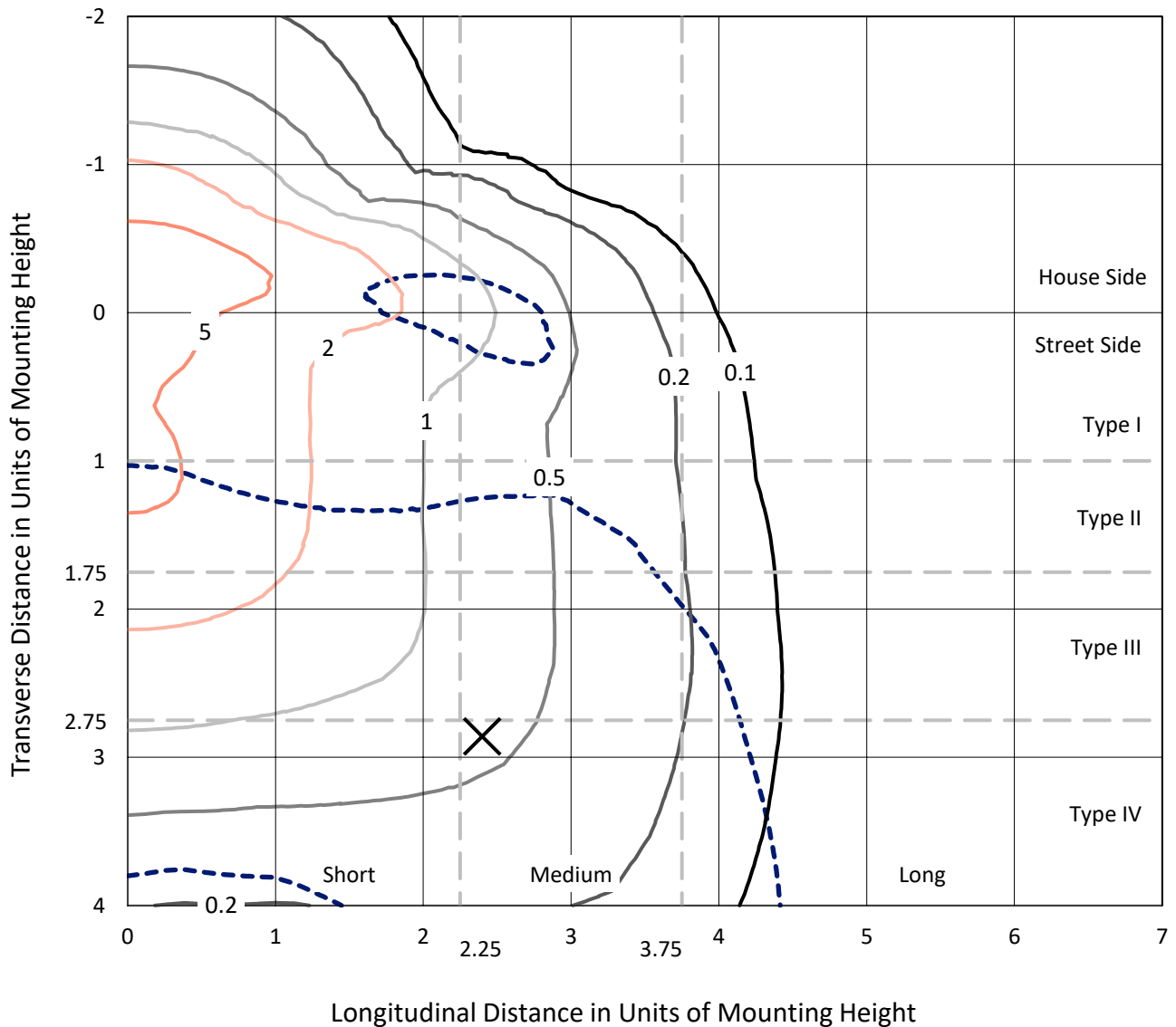
Input Watts (W): 300.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

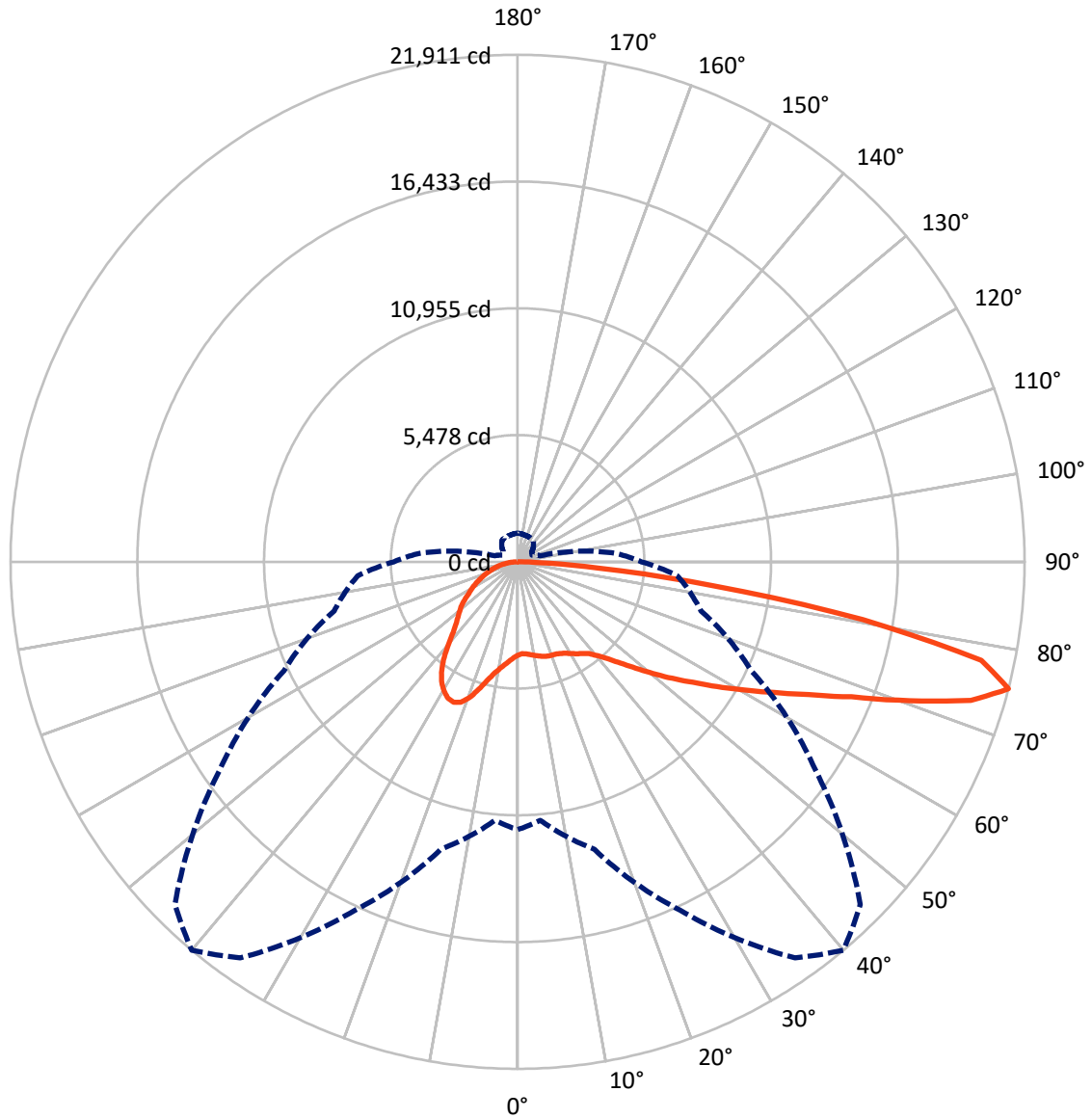
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.3 fc  
 Type IV - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 40-Deg Lateral      - - - Horizontal Cone Through 75-Deg Vertical

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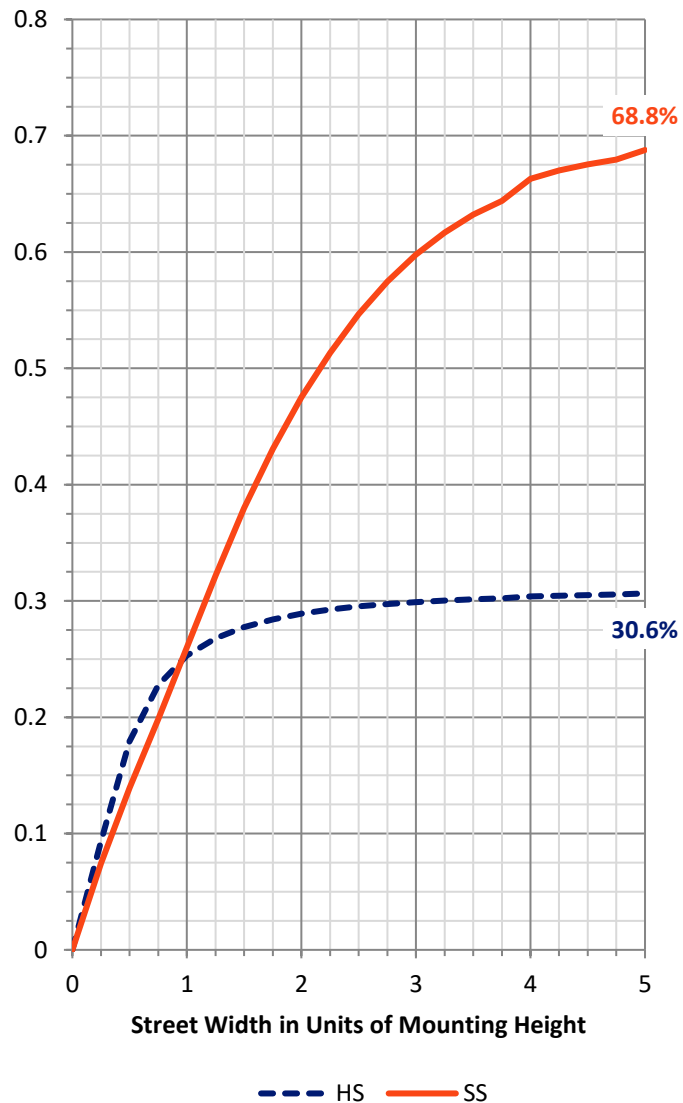
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	10907.1	0.0	10907.1
	% Fixture	31.0	0.0	31.0
<b>Street Side</b>	Lumens	24295.9	0.0	24295.9
	% Fixture	69.0	0.0	69.0
<b>Total</b>	Lumens	35203.0	0.0	35203.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	401.8	1.1
10°-20°	1349.1	3.8
20°-30°	2463.4	7.0
30°-40°	3493.7	9.9
40°-50°	4717.6	13.4
50°-60°	6346.4	18.0
60°-70°	8055.0	22.9
70°-80°	7310.4	20.8
80°-90°	1065.6	3.0
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°	35203.0	100.0
0°-180°	35203.0	100.0

**Coefficient of Utilization**

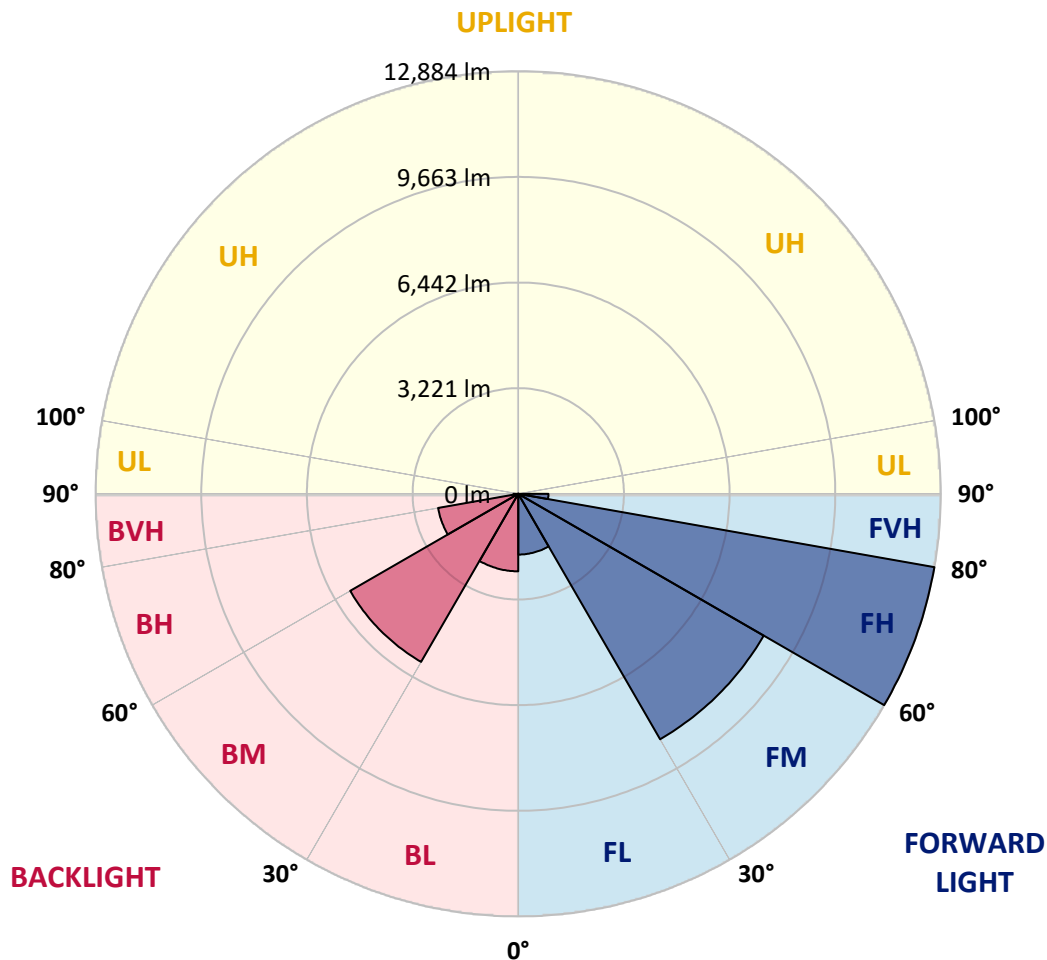


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1851.7	5.3			
FM (30°-60°)	8641.5	24.5			
FH (60°-80°)	12883.8	36.6			G5
FVH (80°-90°)	918.9	2.6			G5
BL (0°-30°)	2362.6	6.7	B3/2500		
BM (30°-60°)	5916.1	16.8	B4/8500		
BH (60°-80°)	2481.7	7.0	B3/2500		G3/2500
BVH (80°-90°)	146.7	0.4			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G5**  
 Type IV Medium



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°
0°	4025.5	4025.5	4025.5	4025.5	4025.5	4025.5	4025.5	4025.5	4025.5	4025.5
2.5°	3963.9	3986.3	3980.7	3973.2	3973.2	3975.1	3973.2	3986.3	3999.4	4012.4
5°	4005.0	4027.4	4016.2	4006.8	3999.4	3997.5	3991.9	3990.0	3997.5	4014.3
7.5°	4085.3	4107.7	4090.9	4074.1	4059.1	4051.6	4044.2	4033.0	4027.4	4036.7
10°	4174.9	4197.3	4176.7	4146.9	4122.6	4113.3	4105.8	4094.6	4087.1	4092.7
12.5°	4264.5	4286.9	4258.9	4217.8	4186.1	4180.5	4171.1	4167.4	4165.5	4163.7
15°	4348.5	4367.2	4331.7	4283.2	4249.6	4240.2	4230.9	4236.5	4245.8	4257.0
17.5°	4413.9	4432.5	4380.3	4316.8	4285.0	4281.3	4275.7	4294.4	4320.5	4348.5
20°	4473.6	4492.3	4425.1	4339.2	4301.8	4301.8	4303.7	4342.9	4380.3	4421.3
22.5°	4557.6	4572.6	4490.4	4372.8	4318.6	4322.4	4337.3	4376.5	4423.2	4479.2
25°	4682.7	4693.9	4593.1	4436.3	4374.7	4385.9	4398.9	4417.6	4462.4	4527.8
27.5°	4884.4	4893.7	4761.2	4548.3	4454.9	4473.6	4492.3	4479.2	4499.8	4555.8
30°	5168.2	5173.8	5005.7	4723.8	4591.2	4600.6	4604.3	4550.2	4511.0	4555.8
32.5°	5504.3	5502.4	5302.6	4936.7	4746.2	4736.9	4705.1	4598.7	4507.2	4546.4
35°	6025.2	6004.7	5747.0	5235.4	4921.7	4863.8	4789.2	4652.9	4525.9	4537.1
37.5°	6887.8	6824.3	6467.7	5724.6	5183.1	5035.6	4925.5	4740.6	4567.0	4533.4
40°	7860.6	7780.3	7388.2	6394.9	5575.2	5338.1	5160.7	4865.7	4634.2	4550.2
42.5°	9014.5	8900.6	8478.6	7184.7	6071.9	5728.3	5461.3	5024.4	4733.1	4604.3
45°	10431.6	10280.4	9682.9	8075.3	6697.4	6239.9	5883.3	5265.3	4884.4	4708.9
47.5°	11863.7	11901.0	11051.5	9094.7	7447.9	6871.0	6411.7	5627.5	5104.7	4876.9
50°	13385.4	13411.5	12412.6	10224.3	8299.3	7584.2	7005.4	6032.7	5410.9	5115.9
52.5°	14572.9	14576.6	13648.6	11406.2	9186.2	8368.4	7645.9	6495.7	5765.7	5433.3
55°	15316.0	15306.6	14515.0	12524.6	10205.7	9191.8	8355.4	7022.2	6198.8	5806.7
57.5°	15855.6	15827.6	15112.5	13486.2	11292.3	10164.6	9158.2	7619.7	6710.4	6251.1
60°	16061.0	16044.2	15517.6	14317.1	12435.0	11240.1	10084.3	8288.1	7291.1	6775.8
62.5°	16139.4	16171.1	15915.3	15121.8	13658.0	12431.3	11101.9	9087.3	7944.6	7369.5
65°	16415.7	16473.6	16421.3	16174.9	15039.6	13826.0	12451.8	10037.6	8657.8	8006.2
67.5°	16962.8	17020.7	17043.1	17435.2	16727.5	15564.3	14136.0	11221.4	9492.4	8667.2
70°	16949.7	16932.9	17328.7	18437.8	18841.1	17971.0	16406.4	12677.7	10487.6	9216.1
72.5°	15428.0	15293.6	16229.0	18426.6	20599.9	20484.2	19179.1	14556.1	11346.5	9283.3
75°	11574.3	11215.8	12868.2	16606.2	20893.1	21910.6	20941.6	15721.1	11143.0	8202.3
77.5°	4949.7	4589.4	6536.8	12293.1	18699.2	20482.3	19324.7	13715.9	8895.0	5424.0
80°	1295.8	1293.9	1975.4	5573.4	12717.0	15125.5	13269.6	8857.6	5082.3	1938.1
82.5°	535.9	522.8	726.3	2167.7	6213.8	8487.9	6927.0	3950.8	1835.4	524.7
85°	199.8	197.9	352.9	748.7	2192.0	3500.8	2533.7	1010.1	457.4	255.8
87.5°	56.0	54.1	76.6	259.5	534.0	810.3	433.2	166.2	128.8	100.8
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°
4025.5	0°	4025.5	4025.5	4025.5	4025.5	4025.5	4025.5	4025.5	4025.5	4025.5	4025.5
4033.0	2.5°	4038.6	4047.9	4064.7	4077.8	4094.6	4113.3	4139.4	4156.2	4173.0	4184.2
4042.3	5°	4055.4	4075.9	4118.9	4161.8	4212.2	4258.9	4313.0	4352.3	4384.0	4393.3
4075.9	7.5°	4092.7	4126.3	4199.2	4272.0	4352.3	4428.8	4507.2	4574.4	4628.6	4649.1
4135.7	10°	4158.1	4202.9	4305.6	4408.3	4514.7	4632.3	4733.1	4830.2	4906.8	4938.5
4206.6	12.5°	4240.2	4296.2	4430.7	4572.6	4720.1	4882.5	5013.2	5132.7	5227.9	5270.9
4305.6	15°	4346.7	4419.5	4591.2	4781.7	4998.3	5224.2	5390.4	5522.9	5629.4	5681.6
4408.3	17.5°	4462.4	4559.5	4776.1	5063.6	5373.6	5670.4	5864.6	5961.7	6071.9	6122.3
4503.5	20°	4574.4	4693.9	5003.9	5422.1	5834.7	6150.3	6307.1	6333.3	6340.7	6346.3
4593.1	22.5°	4690.2	4850.8	5289.5	5874.0	6316.5	6534.9	6557.3	6445.3	6288.5	6215.6
4680.9	25°	4817.2	5030.0	5663.0	6372.5	6731.0	6757.1	6585.3	6312.7	6015.9	5879.6
4751.8	27.5°	4940.4	5237.3	6111.1	6848.6	7029.7	6800.0	6430.4	6043.9	5685.4	5541.6
4802.2	30°	5063.6	5474.4	6605.9	7265.0	7166.0	6693.6	6185.8	5754.5	5394.1	5242.9
4847.0	32.5°	5188.7	5750.7	7175.3	7565.6	7141.7	6467.7	5881.4	5429.6	5112.2	4953.5
4886.3	35°	5330.6	6090.5	7714.9	7729.9	6979.3	6135.4	5480.0	5041.2	4764.9	4637.9
4932.9	37.5°	5515.5	6521.8	8191.1	7771.0	6695.5	5648.0	4981.5	4581.9	4354.1	4296.2
5002.0	40°	5745.1	7040.9	8555.1	7705.6	6275.4	5056.2	4436.3	4117.0	3988.2	4001.2
5095.4	42.5°	6043.9	7621.6	8810.9	7537.6	5691.0	4445.6	3958.3	3816.4	3878.0	3930.3
5235.4	45°	6432.2	8224.7	8969.6	7251.9	5030.0	3928.4	3676.4	3710.0	3756.6	3762.2
5461.3	47.5°	6928.9	8835.2	9074.2	6820.6	4356.0	3564.3	3497.1	3504.6	3495.2	3456.0
5799.3	50°	7548.8	9429.0	9167.6	6249.2	3782.8	3336.5	3246.9	3220.8	3092.0	2965.0
6249.2	52.5°	8254.5	9974.2	9206.8	5539.7	3336.5	3146.1	3000.5	2836.2	2595.3	2556.1
6815.0	55°	9038.7	10478.3	9105.9	4667.8	2961.3	2901.5	2681.2	2483.3	2457.1	2423.5
7560.0	57.5°	9976.0	11021.6	8900.6	3695.0	2576.6	2615.8	2401.1	2423.5	2376.8	2324.6
8517.8	60°	11001.1	11583.6	8540.2	2808.1	2178.9	2259.2	2328.3	2326.4	2313.4	2270.4
9527.9	62.5°	11923.4	11953.3	7830.7	2150.9	1829.8	1982.9	2171.5	2169.6	2158.4	2134.1
10582.8	65°	12472.4	11897.3	6646.9	1693.5	1542.2	1755.1	1958.6	1973.5	1975.4	1973.5
11376.4	67.5°	12375.3	11241.9	5022.6	1348.1	1305.1	1523.6	1747.6	1768.2	1783.1	1786.8
11477.2	70°	11277.4	9802.4	3274.9	1075.5	1094.1	1320.1	1547.8	1568.4	1581.5	1596.4
9959.2	72.5°	8790.4	7207.1	1874.6	870.1	909.3	1144.5	1349.9	1374.2	1381.7	1409.7
6930.7	75°	5356.8	4238.4	1012.0	685.2	746.8	978.4	1153.9	1181.9	1195.0	1228.6
3403.8	77.5°	2546.8	1835.4	576.9	534.0	601.2	799.1	974.6	1006.4	970.9	989.6
939.2	80°	860.7	681.5	364.1	407.0	459.3	623.6	780.5	812.2	737.5	733.8
311.8	82.5°	300.6	276.3	231.5	270.7	296.9	446.2	590.0	631.1	548.9	547.1
140.0	85°	117.6	112.0	128.8	147.5	177.4	274.5	388.4	408.9	337.9	272.6
41.1	87.5°	24.3	26.1	31.7	33.6	54.1	95.2	140.0	171.8	136.3	115.8
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°
4025.5
4176.7
4397.1
4651.0
4940.4
5270.9
5677.9
6120.4
6361.3
6236.2
5900.1
5558.4
5259.7
4974.0
4665.9
4337.3
4046.0
3978.8
3799.6
3485.9
2981.8
2569.2
2429.1
2315.2
2255.5
2124.8
1973.5
1790.6
1603.9
1420.9
1232.3
974.6
726.3
520.9
268.9
106.4
0.0

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