

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: P852797

Luminaire Tested: **GLAN-SB6C-722-U-T4FT**

Issue Date: 7/11/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P852797  
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-SB6C-722-U-T4FT  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV  
FORWARD THROW OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 35100 lumens  
Efficiency: N/A  
Efficacy: 116.7 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5

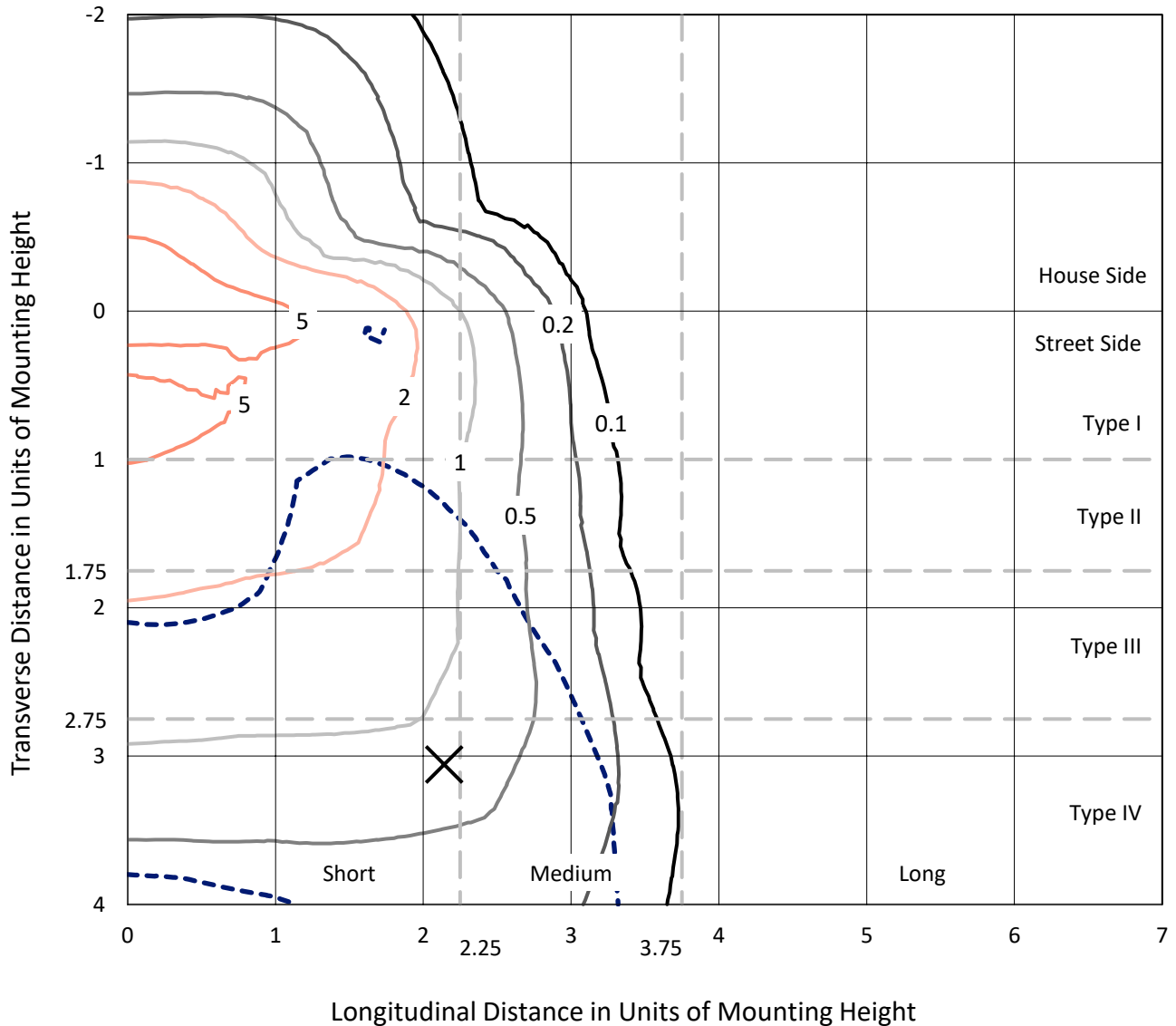
Input Watts (W): 300.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

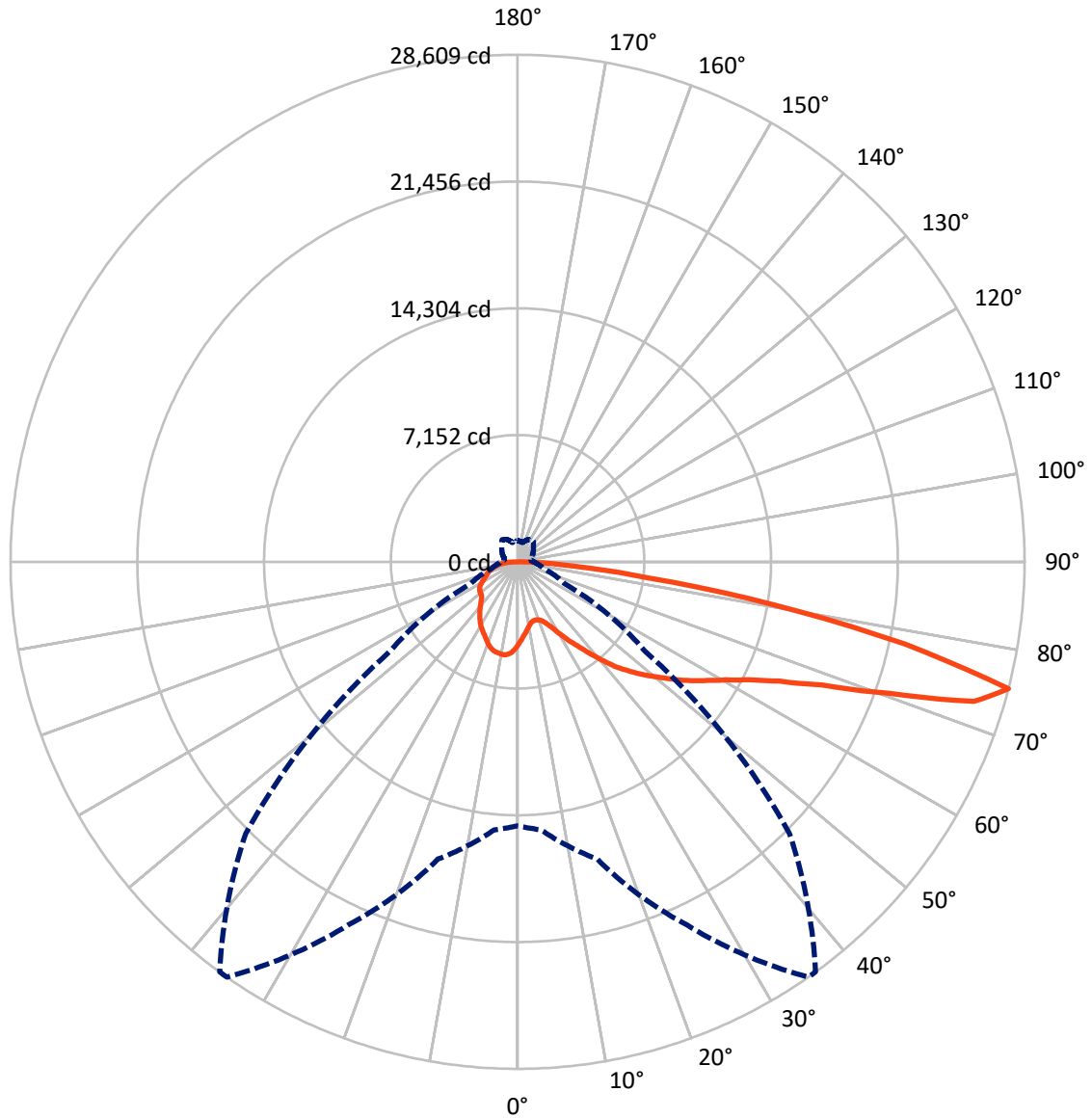
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.3 fc  
 Type IV - 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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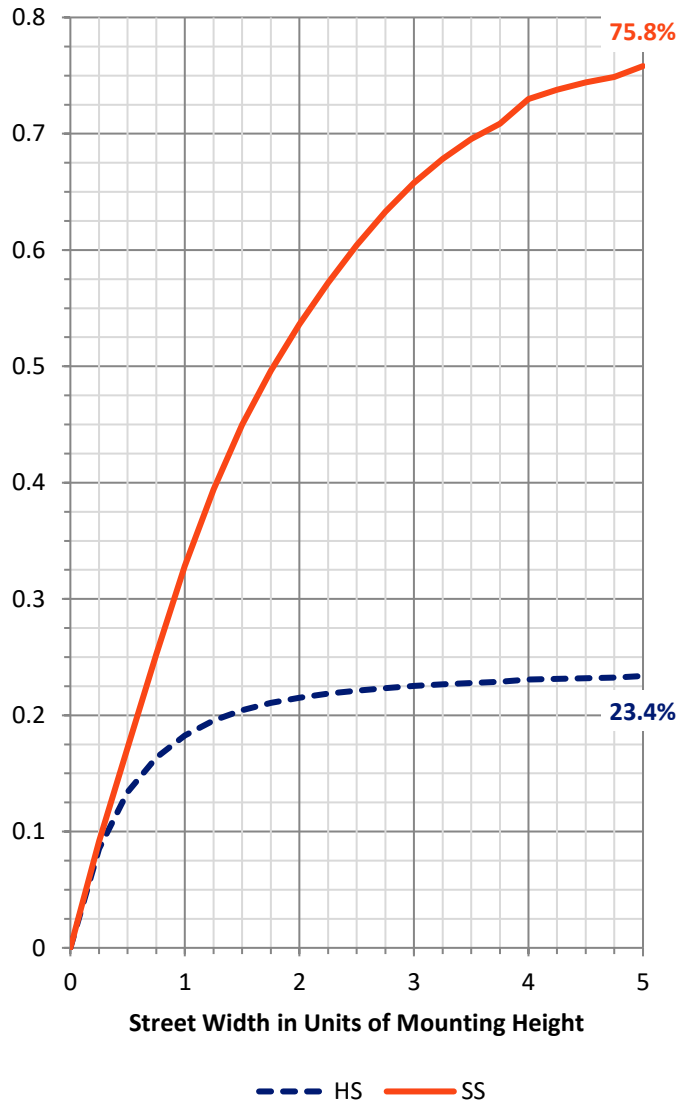
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	8352.9	0.0	8352.9
	% Fixture	23.8	0.0	23.8
<b>Street Side</b>	Lumens	26747.1	0.0	26747.1
	% Fixture	76.2	0.0	76.2
<b>Total</b>	Lumens	35100.0	0.0	35100.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	442.8	1.3
10°-20°	1277.4	3.6
20°-30°	2145.0	6.1
30°-40°	3333.7	9.5
40°-50°	4948.1	14.1
50°-60°	6831.1	19.5
60°-70°	8287.7	23.6
70°-80°	6849.1	19.5
80°-90°	985.1	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°	35100.0	100.0
0°-180°	35100.0	100.0

**Coefficient of Utilization**

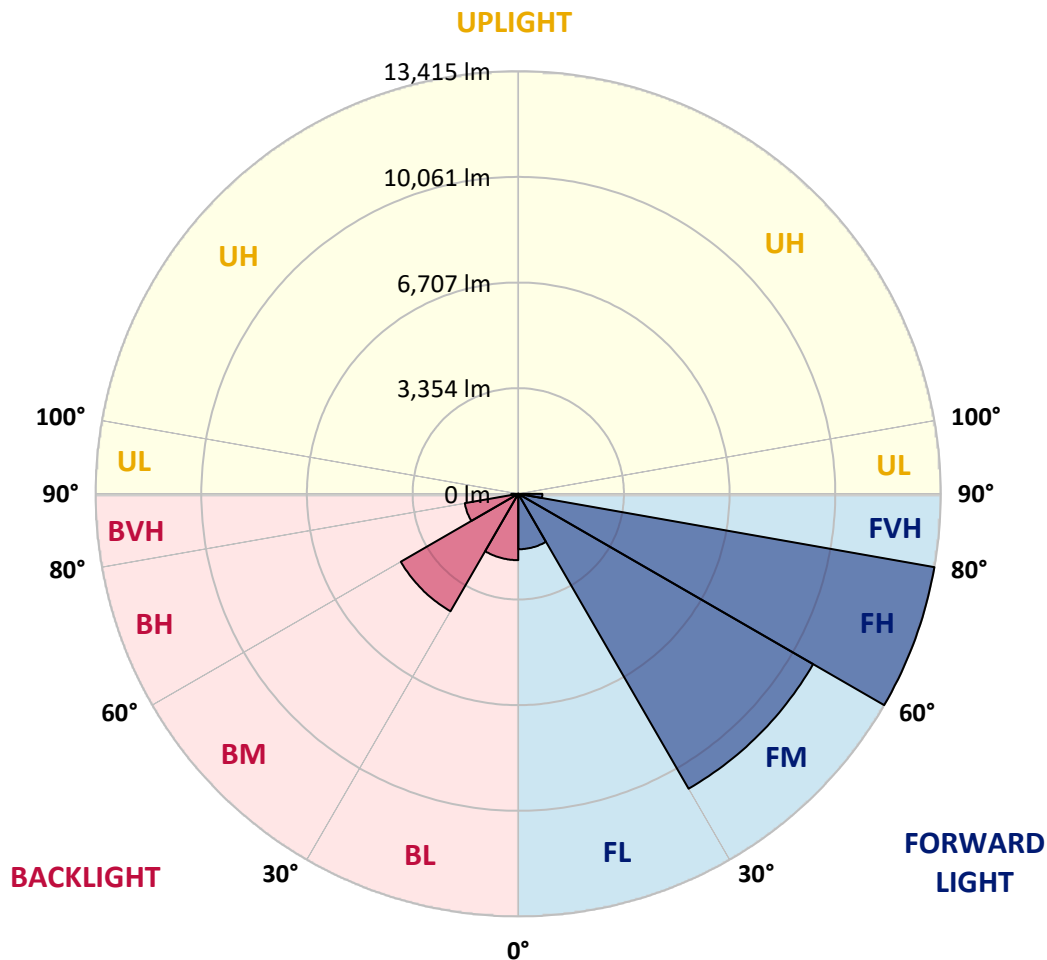


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1760.2	5.0			
FM (30°-60°)	10808.9	30.8			
FH (60°-80°)	13414.7	38.2			G5
FVH (80°-90°)	763.3	2.2			G5
BL (0°-30°)	2105.0	6.0	B3/2500		
BM (30°-60°)	4303.9	12.3	B3/5000		
BH (60°-80°)	1722.1	4.9	B3/2500		G3/2500
BVH (80°-90°)	221.8	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-G5**  
 Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°
0°	4677.3	4677.3	4677.3	4677.3	4677.3	4677.3	4677.3	4677.3	4677.3	4677.3
2.5°	4313.0	4339.6	4350.9	4345.3	4373.7	4369.9	4409.8	4459.1	4527.4	4593.8
5°	3980.9	4009.4	4034.1	4056.8	4111.9	4128.9	4191.6	4286.4	4411.7	4538.8
7.5°	3671.6	3696.3	3734.3	3776.0	3869.0	3886.1	3990.4	4138.4	4313.0	4498.9
10°	3419.3	3443.9	3483.8	3531.2	3647.0	3667.8	3800.7	3998.0	4225.7	4461.0
12.5°	3311.1	3318.7	3341.5	3388.9	3489.5	3502.8	3648.9	3874.7	4140.3	4432.5
15°	3305.4	3320.6	3322.5	3347.2	3430.7	3436.4	3571.1	3795.0	4087.2	4426.8
17.5°	3362.4	3373.7	3356.7	3371.8	3442.0	3451.5	3557.8	3757.0	4070.1	4451.5
20°	3514.2	3523.6	3472.4	3451.5	3502.8	3510.4	3614.7	3781.7	4087.2	4502.7
22.5°	3836.7	3842.4	3717.2	3631.8	3635.6	3639.4	3730.5	3882.3	4153.6	4595.7
25°	4339.6	4335.8	4136.5	3971.4	3876.6	3855.7	3916.4	4045.4	4265.6	4719.1
27.5°	4927.8	4899.3	4700.1	4453.4	4246.6	4216.2	4202.9	4258.0	4424.9	4882.2
30°	5591.9	5565.3	5350.9	5028.3	4741.8	4692.5	4567.3	4538.8	4662.1	5104.2
32.5°	6320.5	6303.5	6047.3	5656.4	5273.1	5216.2	5005.6	4929.7	5026.5	5440.1
35°	6931.5	6916.4	6703.8	6301.6	5832.9	5762.7	5548.3	5462.9	5512.2	5870.8
37.5°	7483.7	7476.1	7294.0	6977.1	6493.2	6407.8	6166.8	6138.4	6128.9	6438.2
40°	7996.0	7977.0	7787.3	7620.3	7261.7	7183.9	6971.4	6946.7	6874.6	7136.5
42.5°	8563.4	8514.0	8238.9	8161.1	8064.3	7999.8	7872.7	7876.5	7717.1	7923.9
45°	9026.4	8997.9	8715.2	8669.6	8774.0	8747.4	8857.5	8885.9	8576.7	8749.3
47.5°	9523.5	9496.9	9257.9	9225.6	9508.3	9515.9	9904.9	9914.4	9415.3	9607.0
50°	10136.4	10098.4	9861.3	9901.1	10218.0	10246.4	10958.0	10893.5	10187.6	10477.9
52.5°	10540.6	10563.3	10512.1	10576.6	11009.2	11035.8	11994.0	11829.0	10952.3	11337.5
55°	10838.5	10884.0	11043.4	11191.4	11844.1	11870.7	12971.2	12718.9	11586.1	12134.4
57.5°	11221.8	11157.2	11455.1	11743.6	12637.3	12707.5	13921.9	13576.5	12147.7	12821.3
60°	11772.0	11726.5	11958.0	12384.9	13525.3	13637.3	14927.6	14348.8	12559.5	13365.9
62.5°	12887.8	12773.9	12810.0	13187.6	14644.8	14792.8	16062.3	15022.4	12764.4	13578.4
65°	14555.6	14360.2	14178.0	14439.9	16221.6	16367.7	17343.1	15551.8	12688.5	13166.7
67.5°	16656.2	16462.6	16238.7	16485.4	18544.2	18659.9	18923.7	15849.7	12090.8	11580.4
70°	18388.6	18316.5	18584.0	19599.2	22253.8	22257.6	20950.2	15603.1	10453.3	8210.4
72.5°	18159.0	18115.3	19525.2	22663.6	26929.2	26828.6	22868.5	13735.9	7041.6	3703.9
75°	14897.2	15179.9	17363.9	22608.6	28608.5	28595.2	21694.0	8732.2	2912.6	1535.1
77.5°	7988.4	8436.2	11273.0	16692.2	22333.5	22669.3	15252.0	3055.0	1250.4	982.9
80°	2605.3	2996.1	4493.3	8498.9	14512.0	14449.4	6536.9	1199.2	855.8	696.4
82.5°	1106.2	1151.8	2007.5	4013.2	7447.6	7331.9	2081.5	688.8	601.5	476.3
85°	432.6	483.9	886.1	1855.7	3225.7	3155.5	751.4	341.5	385.2	311.2
87.5°	142.3	172.7	316.9	635.7	1003.8	967.7	184.1	117.6	167.0	142.3
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°
4677.3	0°	4677.3	4677.3	4677.3	4677.3	4677.3	4677.3	4677.3	4677.3	4677.3	4677.3
4690.6	2.5°	4717.2	4747.5	4783.6	4836.7	4882.2	4920.2	4960.0	4984.7	4994.2	5022.7
4698.2	5°	4751.3	4817.7	4906.9	4994.2	5079.6	5130.8	5176.4	5199.1	5220.0	5235.2
4719.1	7.5°	4808.2	4893.6	5034.0	5147.9	5220.0	5261.7	5292.1	5284.5	5292.1	5295.9
4741.8	10°	4857.6	4977.1	5144.1	5252.3	5307.3	5309.2	5301.6	5275.0	5261.7	5263.6
4776.0	12.5°	4916.4	5049.2	5229.5	5320.6	5335.7	5294.0	5261.7	5216.2	5199.1	5191.5
4827.2	15°	4996.1	5147.9	5322.5	5356.6	5318.7	5265.5	5210.5	5136.5	5098.6	5068.2
4914.5	17.5°	5092.9	5259.8	5394.6	5369.9	5288.3	5201.0	5111.8	4999.9	4922.1	4889.8
5034.0	20°	5227.6	5377.5	5449.6	5341.4	5218.1	5085.3	4933.5	4796.9	4724.7	4692.5
5185.8	22.5°	5390.8	5535.0	5502.7	5292.1	5117.5	4905.0	4715.3	4614.7	4578.6	4555.9
5381.3	25°	5586.2	5709.5	5540.7	5220.0	4952.4	4665.9	4519.8	4487.6	4470.5	4453.4
5620.4	27.5°	5840.5	5906.9	5569.1	5113.7	4694.4	4411.7	4358.5	4364.2	4358.5	4330.1
5952.4	30°	6176.3	6163.0	5595.7	4941.1	4398.4	4182.1	4185.9	4210.5	4214.3	4195.4
6415.4	32.5°	6618.4	6483.7	5609.0	4717.2	4115.7	3980.9	3984.7	4011.3	4030.3	3998.0
7020.7	35°	7153.5	6857.5	5588.1	4436.3	3897.4	3789.3	3760.8	3768.4	3774.1	3743.7
7755.0	37.5°	7777.8	7276.9	5495.1	4125.1	3717.2	3601.4	3540.7	3489.5	3459.1	3430.7
8586.1	40°	8462.8	7734.2	5324.4	3821.5	3516.0	3402.2	3311.1	3214.3	3111.9	3073.9
9466.6	42.5°	9180.1	8204.7	5117.5	3531.2	3284.6	3191.6	3094.8	2954.4	2800.7	2722.9
10381.2	45°	9923.9	8686.7	4914.5	3244.7	3047.4	3007.5	2895.6	2726.7	2559.7	2461.0
11297.7	47.5°	10652.5	9142.1	4616.6	2956.3	2825.4	2869.0	2781.7	2626.1	2440.2	2284.6
12206.6	50°	11348.9	9569.0	4128.9	2664.1	2645.1	2827.3	2743.8	2519.9	2307.3	2108.1
13098.4	52.5°	12039.6	9914.4	3504.7	2398.4	2548.3	2815.9	2694.4	2447.8	2187.8	1979.1
13937.1	55°	12625.9	10092.7	2903.2	2170.7	2407.9	2719.1	2635.6	2362.4	2018.9	1796.9
14512.0	57.5°	12959.9	9948.5	2402.2	1946.8	2214.4	2559.7	2535.0	2180.2	1817.8	1647.0
14624.0	60°	12815.6	9364.1	1992.4	1751.4	2030.3	2387.0	2360.5	2000.0	1664.1	1502.8
14024.3	62.5°	12020.6	8250.3	1667.9	1580.6	1863.3	2210.6	2185.9	1861.4	1546.5	1390.9
12432.4	65°	10419.1	6711.4	1415.5	1438.3	1694.5	1998.1	2034.1	1745.7	1453.5	1301.7
9618.4	67.5°	7946.7	4861.4	1218.2	1315.0	1529.4	1789.3	1893.7	1662.2	1375.7	1231.5
5565.3	70°	4529.3	2760.8	1051.2	1195.4	1383.3	1595.8	1785.5	1595.8	1292.2	1172.6
2085.3	72.5°	1717.2	1267.5	908.9	1075.9	1242.9	1432.6	1666.0	1491.4	1195.4	1106.2
1077.8	75°	916.5	772.3	764.7	935.5	1081.6	1273.2	1516.1	1389.0	1123.3	1168.9
745.7	77.5°	624.3	546.5	639.5	800.7	905.1	1096.7	1356.7	1233.4	973.4	969.6
516.1	80°	432.6	387.1	519.9	645.1	700.2	922.2	1184.0	1058.8	793.2	740.0
318.8	82.5°	260.0	252.4	389.0	482.0	495.2	711.6	981.0	888.0	648.9	565.5
189.7	85°	142.3	149.9	248.6	282.7	288.4	497.1	768.5	686.9	499.0	419.3
68.3	87.5°	39.8	51.2	91.1	112.0	138.5	258.1	457.3	408.0	250.5	174.6
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°
4677.3
5020.8
5239.0
5301.6
5267.4
5187.7
5077.7
4891.7
4688.7
4559.7
4453.4
4335.8
4204.8
4013.2
3764.6
3449.6
3091.0
2732.4
2453.5
2267.5
2091.0
1956.3
1777.9
1624.3
1480.0
1366.2
1277.0
1208.7
1157.5
1091.1
1206.8
893.7
707.8
569.2
423.1
174.6
0.0

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