

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: P851138

Luminaire Tested: **GLAN-SB9A-722-U-T3**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P851138  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/26/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB9A-722-U-T3  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(9) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III  
OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 31972 lumens  
Efficiency: N/A  
Efficacy: 125.1 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G4

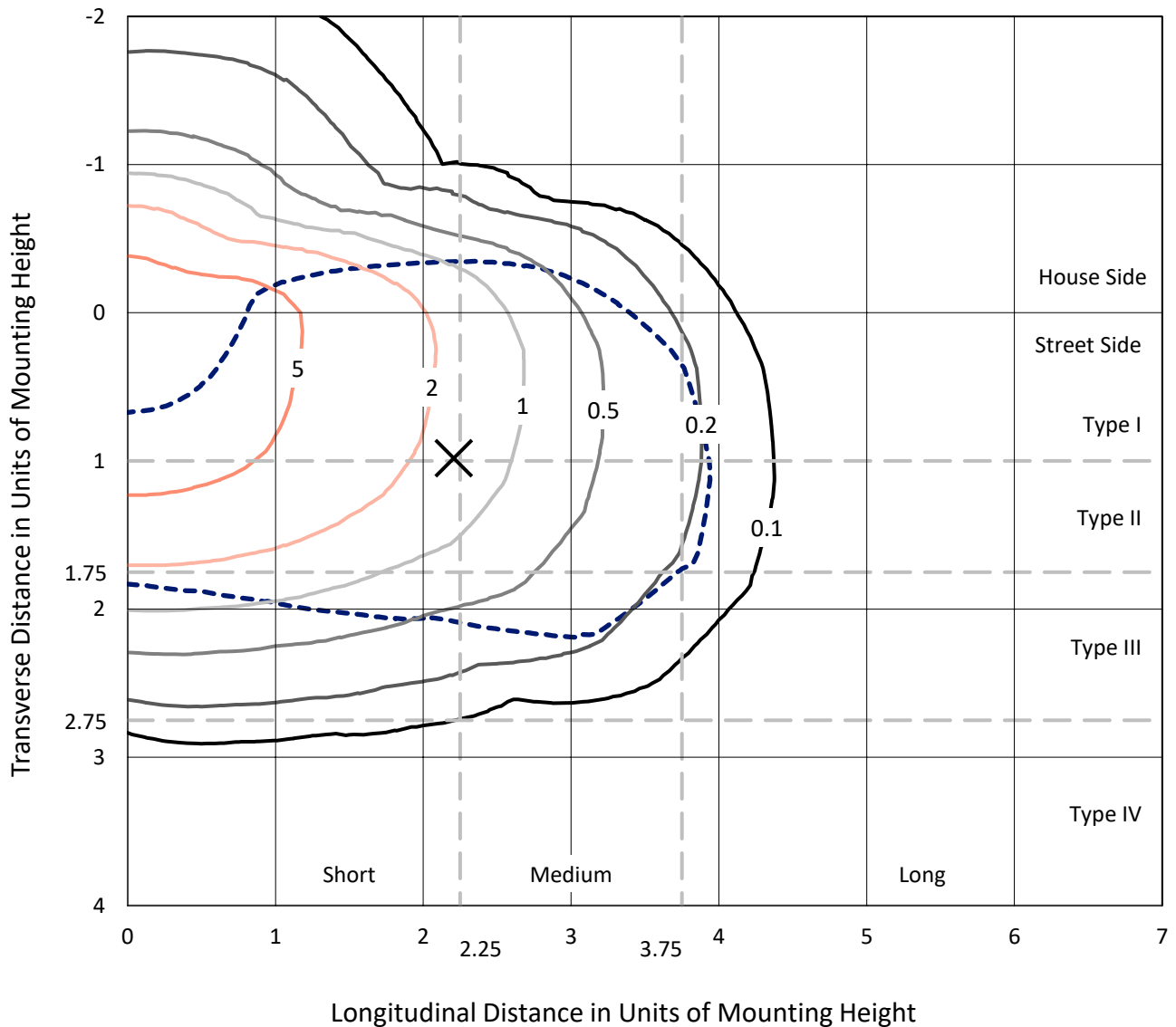
Input Watts (W): 255.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

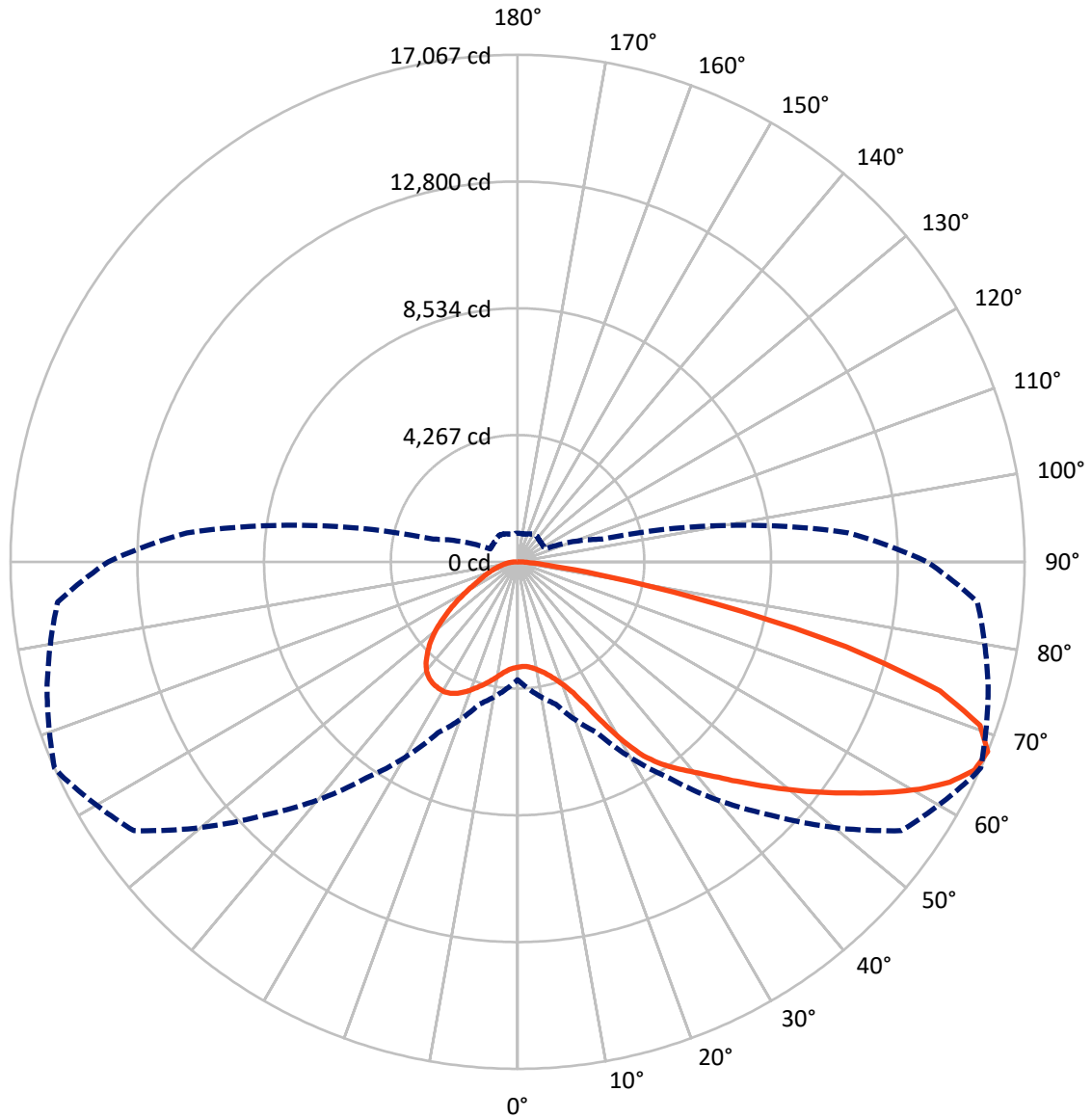
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical

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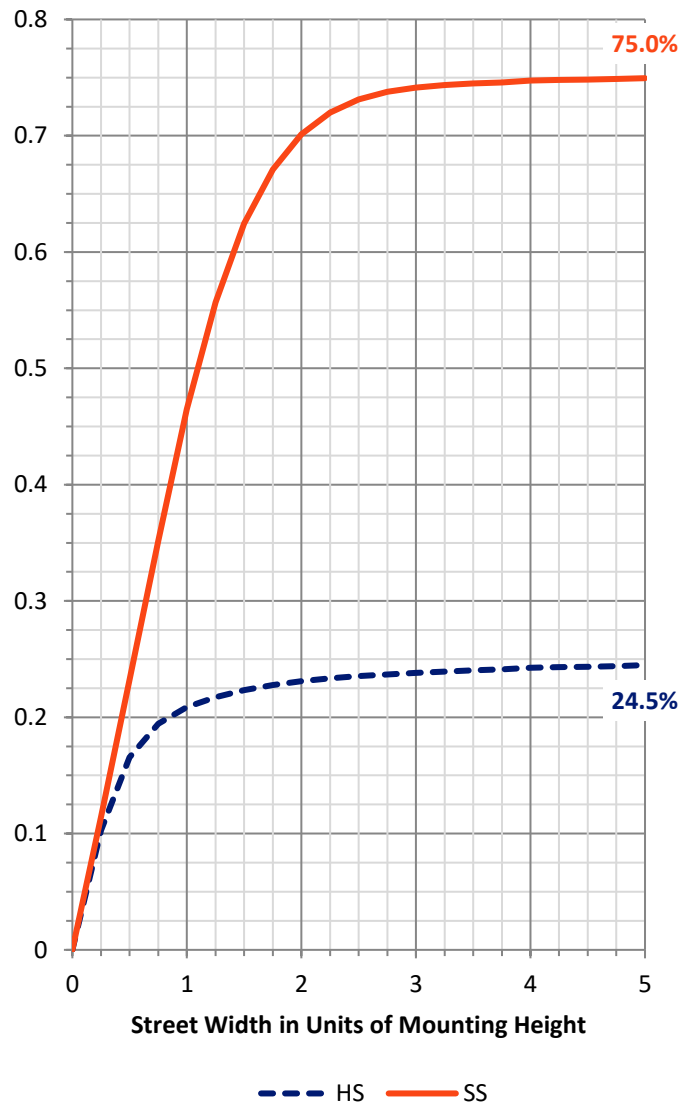
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	7949.8	0.0	7949.8
	% Fixture	24.9	0.0	24.9
<b>Street Side</b>	Lumens	24022.3	0.0	24022.3
	% Fixture	75.1	0.0	75.1
<b>Total</b>	Lumens	31972.0	0.0	31972.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	351.6	1.1
10°-20°	1161.6	3.6
20°-30°	2238.9	7.0
30°-40°	3925.6	12.3
40°-50°	5836.1	18.3
50°-60°	7397.8	23.1
60°-70°	7238.6	22.6
70°-80°	3452.9	10.8
80°-90°	369.0	1.2
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°	31972.0	100.0
0°-180°	31972.0	100.0

**Coefficient of Utilization**

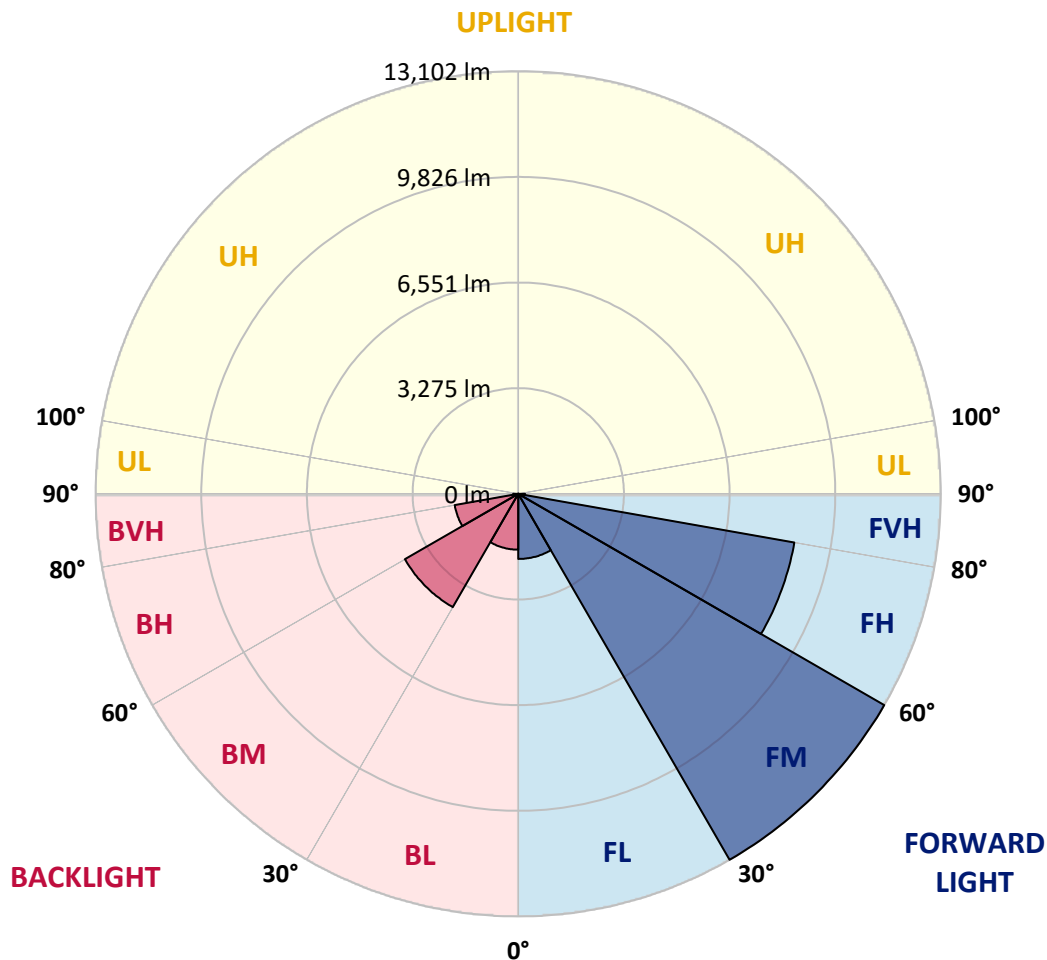


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2020.3	6.3			
FM (30°-60°)	13101.9	41.0			
FH (60°-80°)	8690.9	27.2			G4/12000
FVH (80°-90°)	209.2	0.7			G2/225
BL (0°-30°)	1731.7	5.4	B3/2500		
BM (30°-60°)	4057.6	12.7	B3/5000		
BH (60°-80°)	2000.6	6.3	B3/2500		G3/2500
BVH (80°-90°)	159.8	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 III Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°
0°	3546.1	3546.1	3546.1	3546.1	3546.1	3546.1	3546.1	3546.1	3546.1	3546.1
2.5°	3509.2	3529.3	3524.3	3515.9	3514.2	3517.6	3522.6	3527.6	3526.0	3534.4
5°	3499.1	3519.2	3517.6	3517.6	3524.3	3537.7	3546.1	3554.5	3546.1	3556.2
7.5°	3505.8	3520.9	3527.6	3534.4	3551.2	3576.4	3596.5	3615.0	3604.9	3616.7
10°	3591.5	3603.2	3610.0	3610.0	3621.7	3650.3	3670.4	3704.0	3695.6	3714.1
12.5°	3747.7	3759.5	3759.5	3752.7	3761.1	3779.6	3786.3	3823.3	3808.2	3838.4
15°	3939.2	3962.7	3944.2	3932.5	3935.8	3954.3	3952.6	3981.2	3966.1	3991.3
17.5°	4150.9	4181.1	4150.9	4149.2	4142.5	4162.6	4164.3	4189.5	4162.6	4181.1
20°	4401.1	4443.1	4417.9	4426.3	4411.2	4419.6	4428.0	4465.0	4423.0	4436.4
22.5°	4753.9	4804.3	4777.4	4809.3	4799.3	4792.5	4790.9	4856.4	4790.9	4795.9
25°	5267.9	5328.4	5281.4	5325.1	5325.1	5346.9	5372.1	5456.1	5346.9	5315.0
27.5°	6027.2	6087.7	5995.3	6022.2	6013.8	6067.5	6040.7	6249.0	6131.4	6079.3
30°	6941.1	7048.6	6873.9	6867.1	6858.7	6944.4	6983.0	7120.8	7001.5	6949.4
32.5°	7928.8	8041.3	7833.0	7772.6	7740.6	7792.7	7760.8	7871.7	7789.4	7708.7
35°	8973.6	9084.5	8886.3	8768.7	8641.0	8531.8	8417.6	8446.2	8368.9	8246.3
37.5°	9961.4	10164.6	9954.7	9828.7	9593.5	9380.2	9061.0	8928.3	8856.1	8743.5
40°	10967.6	11083.5	10923.9	10816.4	10561.1	10226.8	9716.1	9435.6	9338.2	9229.0
42.5°	11708.4	11819.3	11733.6	11659.7	11459.8	11071.7	10411.6	10060.5	9919.4	9796.8
45°	12296.3	12378.7	12324.9	12351.8	12266.1	11889.8	11132.2	10730.7	10584.6	10435.1
47.5°	12533.2	12620.5	12706.2	12865.8	13011.9	12734.8	11906.6	11456.4	11301.9	11149.0
50°	12506.3	12595.4	12844.0	13183.3	13636.8	13544.5	12723.0	12229.1	12086.4	11911.7
52.5°	12291.3	12392.1	12711.3	13275.7	13998.0	14150.9	13554.5	13027.1	12892.7	12684.4
55°	11726.9	11787.4	12266.1	13065.7	14083.7	14574.2	14369.3	13877.1	13742.7	13452.1
57.5°	10680.3	10767.7	11464.8	12499.6	13868.7	14861.4	15084.9	14770.7	14641.4	14223.1
60°	9314.6	9454.1	10252.0	11548.8	13321.0	14859.8	15735.0	15649.3	15541.8	14982.4
62.5°	7769.2	7930.5	8698.2	10205.0	12363.5	14438.1	16141.5	16385.0	16329.6	15682.9
65°	5966.7	6077.6	6841.9	8466.3	10873.5	13532.7	16188.5	16887.3	16897.4	16215.4
67.5°	3972.8	4292.0	4955.5	6353.1	8877.9	12052.8	15775.3	16969.6	17067.1	16398.5
70°	1938.5	2358.5	3008.6	4129.0	6353.1	9783.3	14695.1	16294.3	16511.0	15864.3
72.5°	804.6	940.7	1295.1	2037.6	3646.9	6601.7	12524.8	14463.3	14864.8	14056.8
75°	542.6	587.9	740.8	1044.9	1661.4	3255.5	9032.4	10784.5	11431.2	10616.5
77.5°	418.3	446.8	539.2	730.7	987.7	1231.3	4834.5	6499.3	6833.5	6326.2
80°	329.2	351.1	403.2	532.5	700.5	658.5	1647.9	2944.7	3137.9	2632.3
82.5°	285.6	294.0	288.9	361.2	465.3	384.7	540.9	1086.8	1199.4	870.2
85°	206.6	230.1	240.2	223.4	246.9	194.9	221.7	384.7	423.3	378.0
87.5°	84.0	124.3	152.9	144.5	90.7	55.4	68.9	112.5	129.3	141.1
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°
3546.1	0°	3546.1	3546.1	3546.1	3546.1	3546.1	3546.1	3546.1	3546.1	3546.1	3546.1
3547.8	2.5°	3549.5	3561.2	3569.6	3579.7	3586.4	3596.5	3616.7	3628.4	3630.1	3638.5
3574.7	5°	3581.4	3598.2	3616.7	3643.5	3673.8	3699.0	3737.6	3764.5	3774.6	3783.0
3640.2	7.5°	3650.3	3673.8	3707.4	3754.4	3798.1	3831.7	3878.7	3910.6	3942.6	3954.3
3744.3	10°	3752.7	3786.3	3835.0	3898.9	3945.9	3989.6	4038.3	4065.2	4097.1	4110.5
3868.6	12.5°	3880.4	3915.7	3979.5	4068.5	4112.2	4142.5	4159.3	4152.5	4159.3	4171.0
4018.1	15°	4026.5	4065.2	4137.4	4233.2	4263.4	4236.5	4199.6	4166.0	4160.9	4164.3
4199.6	17.5°	4199.6	4228.1	4312.1	4392.8	4370.9	4260.0	4179.4	4125.7	4098.8	4090.4
4431.4	20°	4441.5	4441.5	4510.3	4560.7	4414.6	4226.4	4100.5	4013.1	3957.7	3934.2
4747.2	22.5°	4735.4	4708.6	4752.2	4717.0	4406.2	4132.4	3957.7	3806.5	3722.5	3688.9
5189.0	25°	5108.4	5076.4	5064.7	4846.3	4345.7	3982.9	3699.0	3515.9	3442.0	3423.5
5825.6	27.5°	5671.1	5590.5	5437.6	4916.9	4234.8	3747.7	3396.6	3226.9	3185.0	3186.6
6643.7	30°	6420.3	6259.0	5884.4	4928.6	4053.4	3415.1	3087.5	2966.6	2946.4	2954.8
7330.8	32.5°	7114.1	6961.2	6341.4	4874.9	3774.6	3089.2	2810.4	2729.7	2699.5	2709.6
7854.9	35°	7658.3	7616.3	6764.7	4799.3	3431.9	2783.5	2561.7	2492.9	2434.1	2420.6
8348.7	37.5°	8172.4	8155.6	7082.2	4693.4	3092.6	2566.8	2361.8	2271.1	2185.5	2138.4
8894.7	40°	8736.8	8720.0	7290.5	4530.5	2791.9	2378.6	2182.1	2062.8	1957.0	1871.3
9512.9	42.5°	9371.8	9272.7	7389.6	4297.0	2536.5	2219.1	2036.0	1874.7	1735.3	1656.3
10211.7	45°	10065.5	9842.1	7387.9	3999.7	2321.5	2072.9	1879.7	1651.3	1521.9	1448.0
10929.0	47.5°	10801.3	10386.4	7297.2	3670.4	2113.2	1911.6	1637.8	1463.1	1377.5	1332.1
11708.4	50°	11560.6	10895.4	7142.6	3292.5	1899.9	1728.5	1486.6	1367.4	1301.9	1259.9
12481.1	52.5°	12274.5	11357.3	6956.2	2864.1	1683.2	1550.5	1419.5	1327.1	1258.2	1211.2
13230.3	55°	12938.0	11755.4	6692.4	2425.7	1506.8	1431.2	1387.5	1310.3	1231.3	1175.9
13991.3	57.5°	13527.7	12014.1	6237.2	2014.1	1380.8	1348.9	1353.9	1281.7	1191.0	1144.0
14740.5	60°	14018.2	12204.0	5563.6	1632.8	1278.3	1268.3	1301.9	1228.0	1122.1	1068.4
15373.8	62.5°	14312.1	12200.6	4737.1	1337.1	1191.0	1194.4	1233.0	1160.8	1053.3	1002.9
15704.7	65°	14286.9	11901.6	3830.0	1144.0	1107.0	1110.4	1160.8	1086.8	996.1	965.9
15538.4	67.5°	13781.3	11172.5	2938.0	1018.0	1014.6	1029.7	1088.5	1036.5	960.9	957.5
14547.3	70°	12412.3	9659.0	2116.6	917.2	918.9	940.7	1018.0	1004.5	942.4	949.1
12230.8	72.5°	9953.0	7364.4	1421.1	811.4	813.0	848.3	950.8	979.3	923.9	1012.9
8678.0	75°	6628.6	4592.7	913.8	698.8	700.5	745.8	892.0	930.6	873.5	1009.6
4515.4	77.5°	3185.0	2064.5	661.9	587.9	587.9	629.9	771.0	833.2	744.2	784.5
1451.4	80°	1100.3	776.1	520.7	473.7	463.6	492.2	650.1	722.3	641.7	591.3
473.7	82.5°	433.4	403.2	418.3	367.9	334.3	352.8	505.6	596.3	472.0	426.7
267.1	85°	248.6	262.1	295.6	243.6	193.2	216.7	371.2	428.4	356.1	314.1
87.4	87.5°	67.2	92.4	136.1	126.0	87.4	92.4	176.4	236.9	204.9	157.9
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°
3546.1
3636.8
3781.3
3956.0
4117.3
4174.4
4176.1
4102.1
3929.1
3683.9
3426.8
3191.7
2983.4
2723.0
2430.7
2140.1
1879.7
1661.4
1444.7
1322.0
1244.8
1191.0
1154.0
1113.7
1044.9
987.7
964.2
962.5
947.4
1026.4
1018.0
719.0
554.3
425.0
320.8
162.9
0.0

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