

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: P956985

Luminaire Tested: **GLAN-SB9C-722-U-T3R-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P956985
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB9C-722-U-T3R-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III
ROADWAY OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 46914 lumens
Efficiency: N/A
Efficacy: 104.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

Input Watts (W): 449.8
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

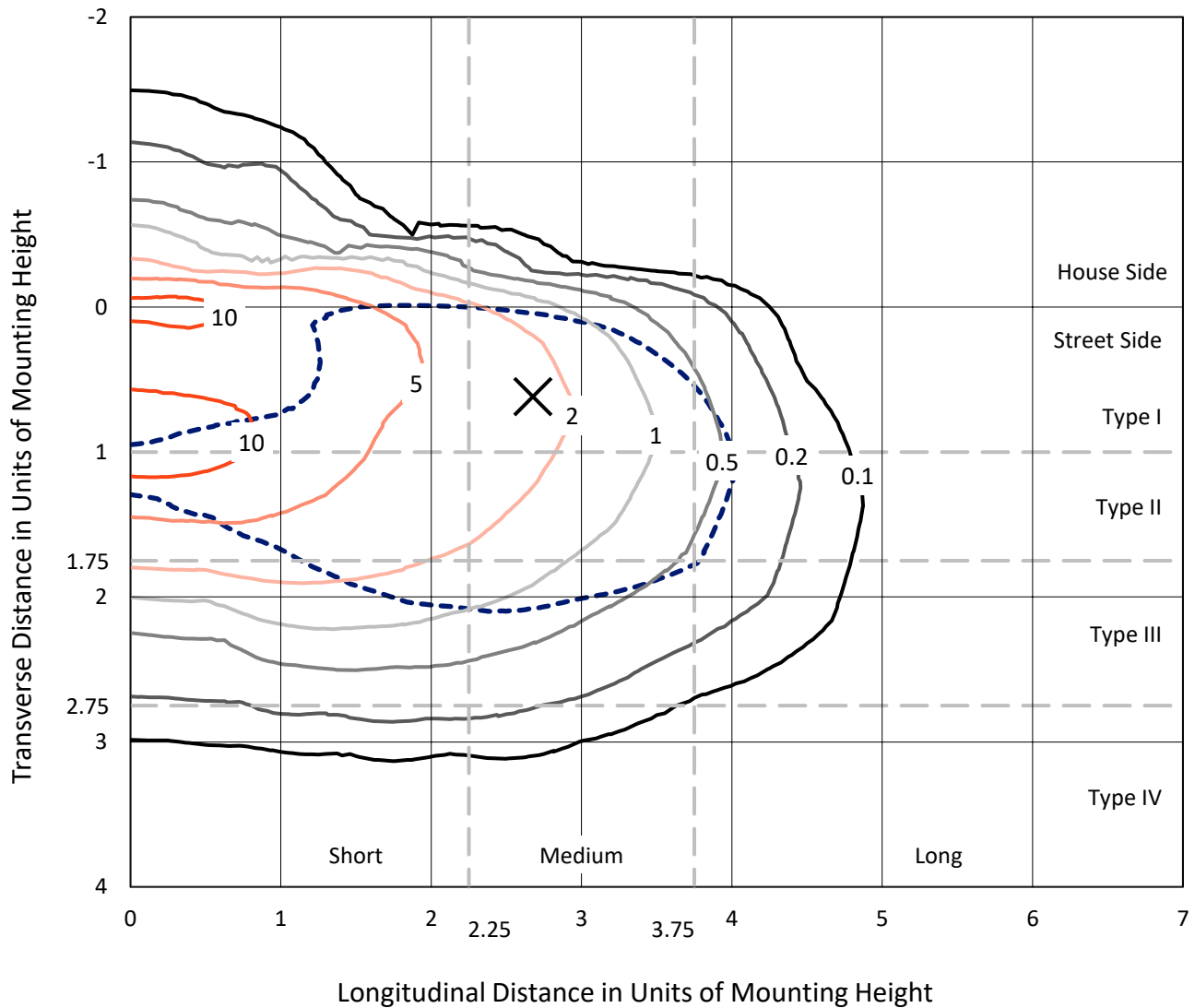


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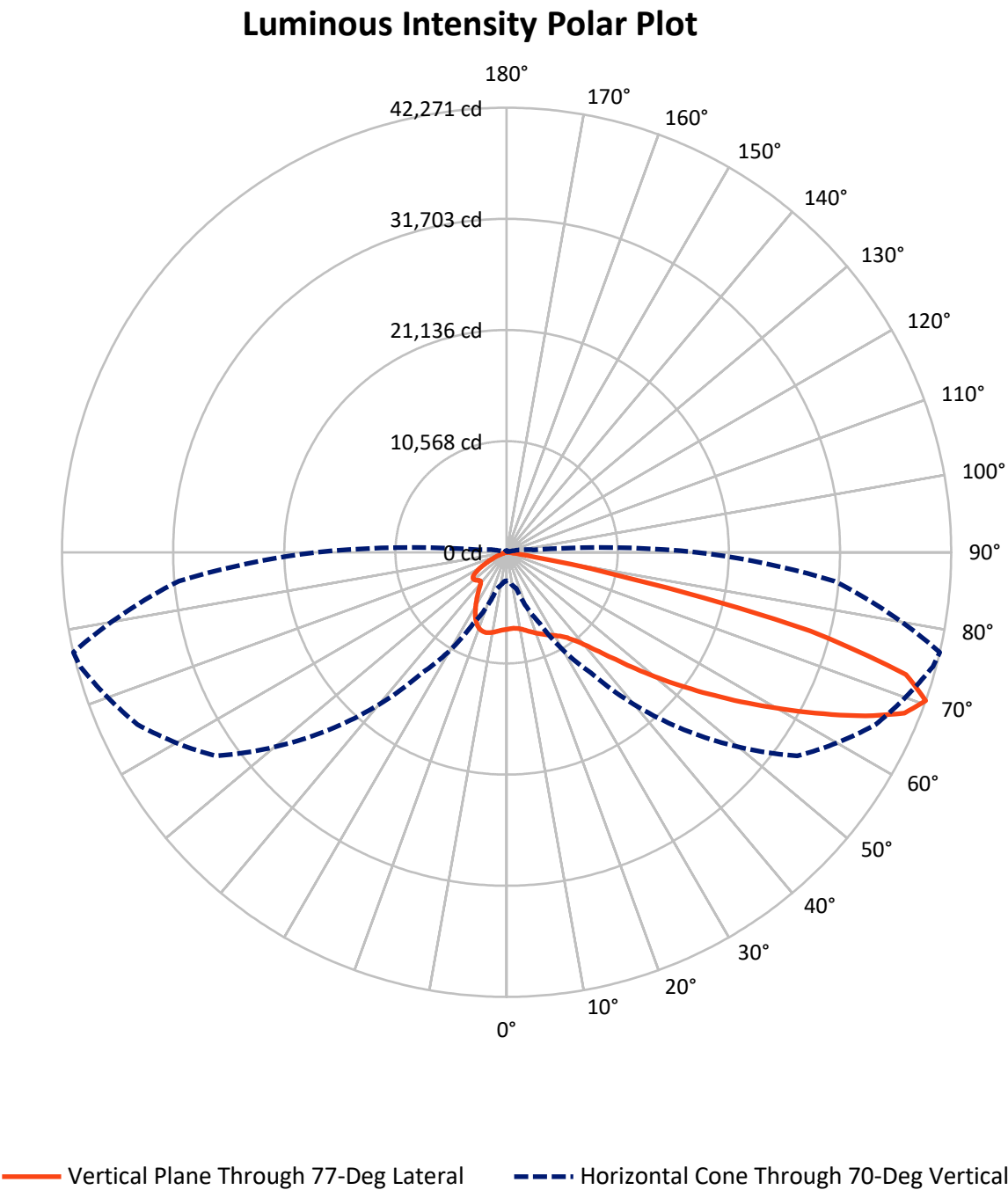
Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.7 fc
Type III - Medium - N/A

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4945.4	0.0	4945.4
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	41968.6	0.0	41968.6
	% Fixture	89.5	0.0	89.5
Total	Lumens	46914.0	0.0	46914.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	630.7	1.3
10°-20°	1497.1	3.2
20°-30°	2315.7	4.9
30°-40°	4201.9	9.0
40°-50°	7931.6	16.9
50°-60°	11460.5	24.4
60°-70°	12199.4	26.0
70°-80°	6464.8	13.8
80°-90°	212.3	0.5
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°	46914.0	100.0
0°-180°	46914.0	100.0

Coefficient of Utilization



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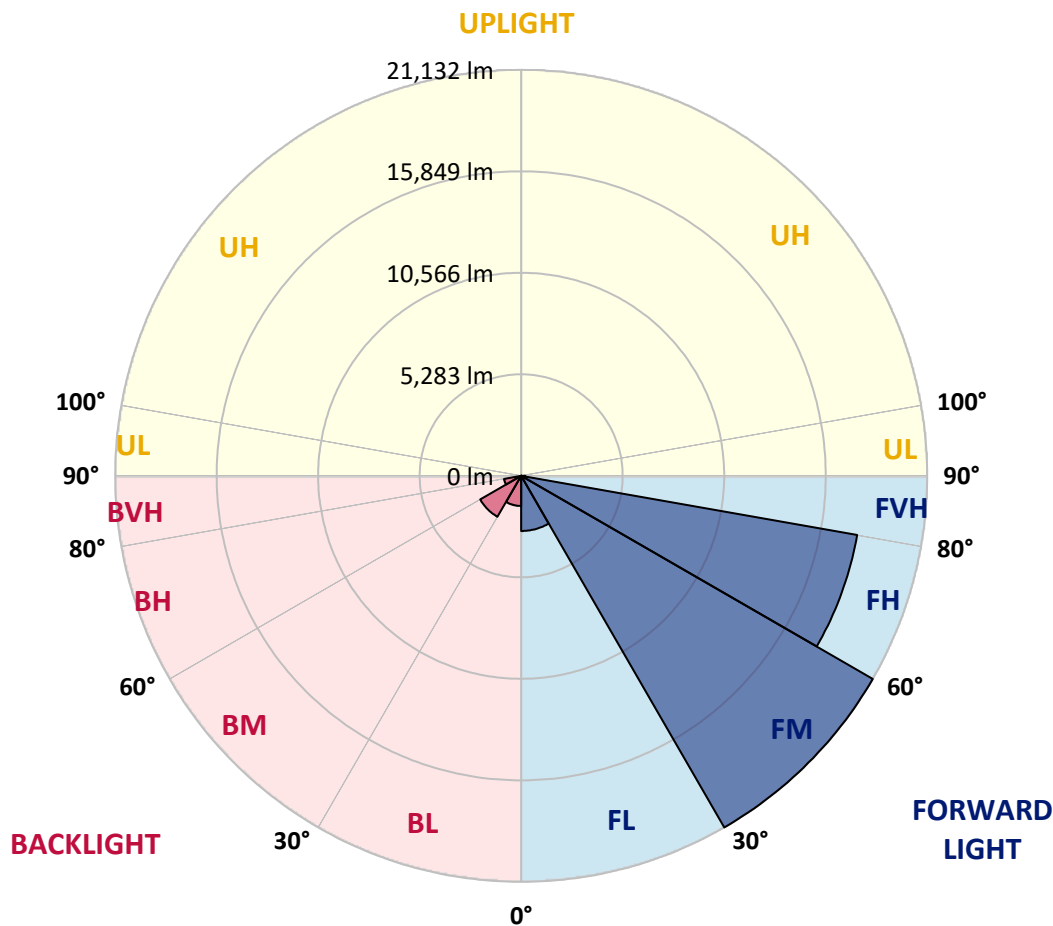
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2872.2	6.1			
FM	(30°-60°)	21132.2	45.0			
FH	(60°-80°)	17757.6	37.9			G5
FVH	(80°-90°)	206.6	0.4			G2/225
BL	(0°-30°)	1571.2	3.3	B3/2500		
BM	(30°-60°)	2461.8	5.2	B2/2500		
BH	(60°-80°)	906.6	1.9	B2/1000		G2/1000
BVH	(80°-90°)	5.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°
0°	7317.7	7317.7	7317.7	7317.7	7317.7	7317.7	7317.7	7317.7	7317.7	7317.7
2.5°	6870.4	6932.6	6923.7	6965.2	6980.0	7039.2	7098.5	7178.5	7267.4	7264.4
5°	6482.3	6544.5	6559.3	6615.6	6686.7	6778.5	6900.0	7060.0	7225.9	7252.6
7.5°	6023.1	6088.2	6126.8	6239.3	6369.7	6559.3	6757.8	6991.8	7267.4	7305.9
10°	5563.9	5623.1	5673.5	5833.5	6040.8	6322.3	6645.2	6983.0	7353.3	7409.6
12.5°	5279.4	5335.7	5392.0	5531.3	5789.0	6132.7	6571.1	7024.4	7495.5	7575.5
15°	5178.7	5229.1	5273.5	5397.9	5637.9	6029.0	6556.3	7110.4	7676.2	7782.9
17.5°	5193.5	5220.2	5249.8	5344.6	5578.7	5981.6	6583.0	7258.5	7889.5	7984.3
20°	5279.4	5294.2	5297.2	5362.4	5569.8	5975.7	6636.3	7400.7	8091.0	8218.4
22.5°	5389.1	5395.0	5389.1	5433.5	5626.1	6020.1	6707.4	7572.5	8316.1	8434.7
25°	5901.6	5789.0	5646.8	5560.9	5720.9	6106.0	6814.1	7803.6	8562.0	8677.6
27.5°	7492.5	7169.6	6660.0	6088.2	5916.4	6230.4	6962.2	8037.7	8810.9	8914.6
30°	10076.0	9652.3	8787.2	7498.5	6544.5	6491.2	7154.8	8271.7	9074.6	9187.2
32.5°	12665.3	12561.6	11563.2	9779.7	7957.7	7071.8	7474.8	8588.7	9424.2	9513.1
35°	15284.3	15073.9	14256.3	12493.5	10135.2	8253.9	8008.0	9003.5	9883.4	9984.1
37.5°	17290.0	17162.6	16656.0	15204.3	12718.6	10078.9	8920.5	9646.4	10550.0	10662.6
40°	19061.7	19002.4	18830.6	17873.6	15607.2	12466.8	10339.6	10641.8	11474.3	11607.6
42.5°	20454.1	20593.4	20691.1	20424.5	18584.7	15192.5	12247.6	12040.2	12763.1	12899.4
45°	21879.1	21926.5	22320.6	22705.7	21541.4	18042.5	14398.5	13678.5	14365.9	14534.7
47.5°	22794.6	22984.2	23677.5	24355.9	24027.1	20868.9	16709.3	15613.1	16223.5	16540.5
50°	22862.7	23221.2	24175.2	25357.3	25837.2	23559.0	19221.7	17817.4	18466.2	18815.8
52.5°	21728.0	22285.0	23763.4	25493.6	26814.9	25837.2	21819.9	20021.6	20854.1	21310.3
55°	16659.0	17387.8	22213.9	24752.9	26853.4	27564.5	24350.0	22317.6	23514.5	24030.0
57.5°	14514.0	14881.4	17464.8	23467.1	26139.4	28260.7	26637.2	24504.0	26409.0	27049.0
60°	12075.7	12558.7	14647.3	21363.6	25170.6	28328.8	28657.7	27324.5	29546.5	30266.4
62.5°	8206.5	8730.9	10807.7	17749.2	23846.3	28296.2	30313.8	30227.9	33033.5	33806.8
65°	5083.9	5412.8	6781.5	14493.3	21994.7	28331.8	32046.9	33753.4	36713.1	37498.2
67.5°	4017.3	4168.4	4882.4	11127.7	18803.9	27531.9	33777.1	37068.6	40176.4	40798.6
70°	2699.0	2790.8	3552.2	7459.9	13989.6	23840.4	33744.5	38733.6	41960.0	42271.0
72.5°	1422.1	1493.2	2076.8	3454.4	8449.5	16946.3	28444.4	36742.7	40185.3	39717.2
75°	711.0	829.5	1398.4	1753.9	3608.5	9450.8	17663.3	28968.8	31629.2	29816.1
77.5°	539.2	651.8	1155.4	1155.4	1256.2	3181.9	7480.7	15799.8	14573.3	12135.0
80°	343.7	444.4	1010.3	874.0	524.4	808.8	1949.4	4426.2	3096.0	2355.3
82.5°	201.5	290.3	841.4	577.7	293.3	299.2	551.1	942.1	802.9	625.1
85°	80.0	189.6	577.7	228.1	115.5	74.1	165.9	201.5	165.9	124.4
87.5°	0.0	44.4	100.7	0.0	8.9	5.9	11.9	14.8	14.8	11.9
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°
7317.7	0°	7317.7	7317.7	7317.7	7317.7	7317.7	7317.7	7317.7	7317.7	7317.7	7317.7
7323.7	2.5°	7350.3	7356.3	7374.0	7377.0	7335.5	7282.2	7261.4	7252.6	7217.0	7214.0
7371.1	5°	7439.2	7465.9	7439.2	7362.2	7178.5	6920.7	6725.2	6565.2	6420.1	6375.6
7534.0	7.5°	7617.0	7643.6	7563.6	7261.4	6799.3	6286.7	5824.6	5498.7	5205.4	5095.8
7732.5	10°	7871.8	7907.3	7655.5	7045.2	6227.5	5403.9	4621.7	4070.7	3641.1	3466.3
8002.1	12.5°	8191.7	8206.5	7705.8	6716.3	5483.9	4307.7	3199.7	2610.1	2227.9	2085.7
8328.0	15°	8544.3	8523.5	7711.8	6269.0	4470.6	3045.6	2088.7	1715.4	1561.3	1513.9
8653.9	17.5°	8914.6	8828.7	7593.3	5623.1	3359.6	2082.7	1549.5	1460.6	1433.9	1422.1
8976.8	20°	9279.0	9086.4	7377.0	4778.7	2411.6	1555.4	1407.3	1380.6	1365.8	1359.9
9302.7	22.5°	9610.8	9282.0	7006.7	3798.1	1750.9	1374.7	1330.2	1306.5	1279.9	1268.0
9619.7	25°	9933.8	9394.6	6485.2	2882.7	1401.3	1285.8	1250.2	1205.8	1170.2	1155.4
9960.4	27.5°	10247.8	9465.7	5833.5	2133.1	1250.2	1202.8	1137.7	1075.4	1048.8	1042.9
10324.8	30°	10582.6	9489.4	5092.8	1590.9	1158.4	1099.1	1004.3	933.2	918.4	921.4
10816.6	32.5°	10991.4	9524.9	4346.2	1303.6	1081.4	974.7	862.1	788.1	776.2	788.1
11533.6	35°	11480.3	9596.0	3626.3	1199.9	1013.2	847.3	725.8	663.6	651.8	660.7
12452.0	37.5°	12143.9	9711.6	2953.8	1179.1	956.9	740.7	610.3	559.9	559.9	562.9
13577.8	40°	13026.8	10019.7	2352.3	1164.3	927.3	660.7	515.5	494.8	503.6	509.6
15011.7	42.5°	14102.2	10674.4	1946.5	1146.5	894.7	625.1	468.1	459.2	474.0	479.9
16730.1	45°	15308.0	11504.0	1804.3	1116.9	865.1	648.8	447.4	435.5	453.3	456.2
18655.8	47.5°	16555.3	12315.7	1786.5	1084.3	835.5	684.4	441.4	414.8	435.5	438.5
20711.9	50°	17817.4	12846.0	1804.3	1034.0	788.1	684.4	444.4	394.0	411.8	420.7
22845.0	52.5°	19088.3	13089.0	1792.4	924.3	705.1	642.9	444.4	376.3	394.0	400.0
25149.9	55°	20320.8	13041.6	1611.7	761.4	598.5	568.8	432.5	361.4	373.3	376.3
27327.5	57.5°	21295.5	12380.9	1276.9	592.5	485.9	474.0	394.0	343.7	352.6	349.6
29324.3	60°	21805.1	10929.2	912.5	456.2	382.2	373.3	346.6	320.0	325.9	311.1
31015.9	62.5°	21811.0	9009.4	610.3	361.4	305.2	296.3	296.3	287.4	281.5	251.8
32325.4	65°	21345.9	6879.3	405.9	287.4	245.9	231.1	248.9	245.9	225.2	183.7
32725.4	67.5°	20291.2	4509.1	308.1	225.2	189.6	180.7	198.5	207.4	192.6	154.1
31267.8	70°	18122.5	2624.9	254.8	174.8	142.2	133.3	160.0	177.8	160.0	124.4
26726.0	72.5°	15053.2	1416.1	207.4	130.4	97.8	88.9	127.4	145.2	127.4	91.8
17147.8	75°	9767.8	758.4	160.0	85.9	50.4	56.3	94.8	106.7	88.9	59.3
5033.5	77.5°	3279.6	334.8	100.7	41.5	23.7	23.7	56.3	65.2	41.5	20.7
915.5	80°	731.8	139.2	41.5	17.8	8.9	8.9	11.9	11.9	5.9	0.0
281.5	82.5°	240.0	56.3	17.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0
71.1	85°	91.8	20.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.7	87.5°	35.6	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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°
7317.7
7220.0
6349.0
5051.3
3392.2
2041.3
1513.9
1419.1
1353.9
1265.1
1149.5
1036.9
921.4
785.1
657.7
559.9
509.6
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459.2
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