

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: P849265

Luminaire Tested: **GLAN-SB6B-722-U-T2-HSS**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P849265
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6B-722-U-T2-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II
OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19499 lumens
Efficiency: N/A
Efficacy: 88.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

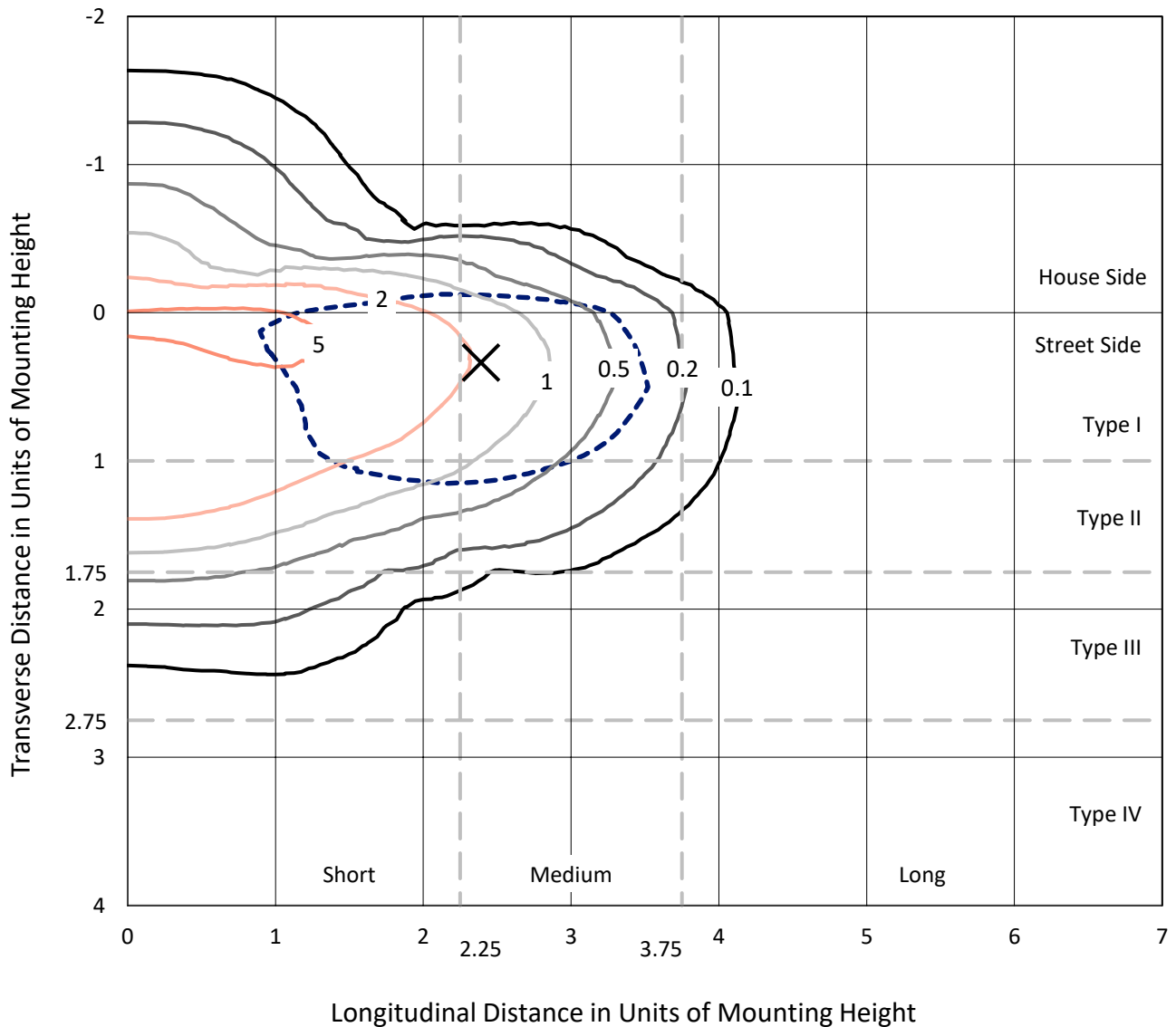
Input Watts (W): 220.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

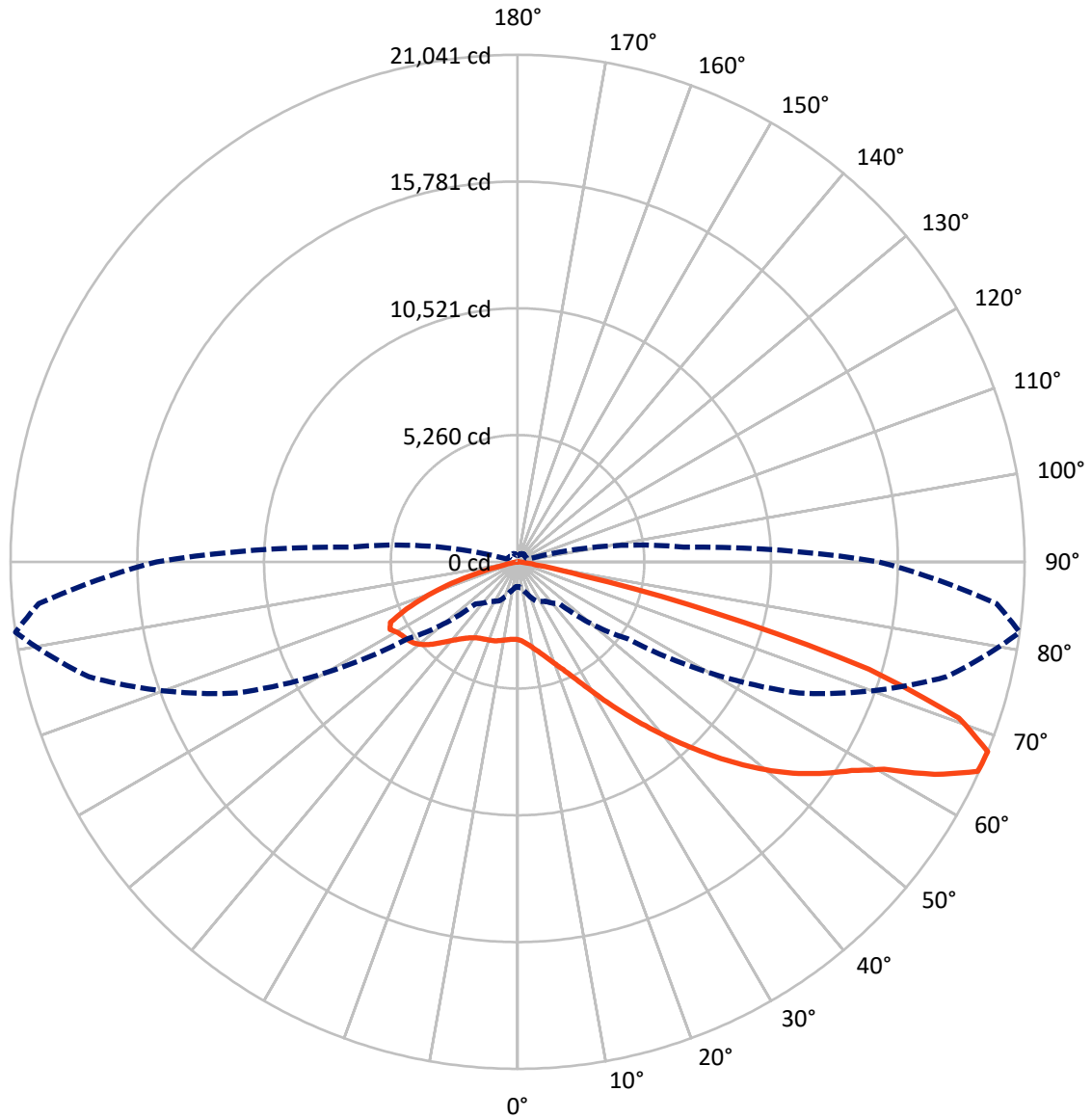
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.8 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 82-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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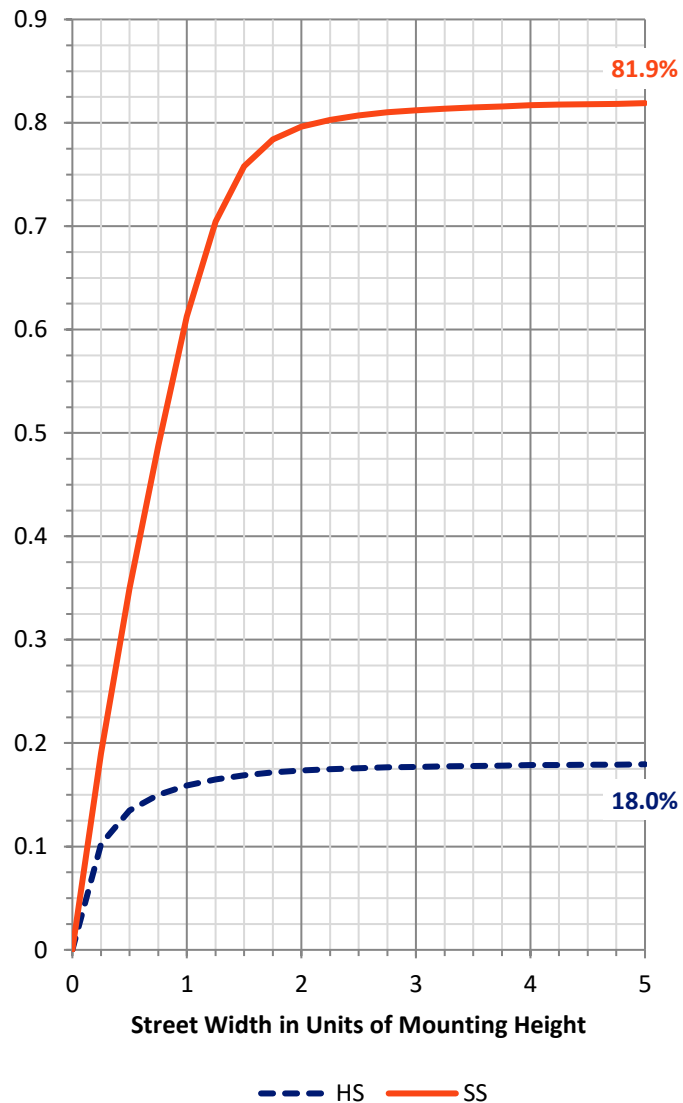
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3532.1	0.0	3532.1
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	15966.9	0.0	15966.9
	% Fixture	81.9	0.0	81.9
Total	Lumens	19499.0	0.0	19499.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	287.8	1.5
10°-20°	747.9	3.8
20°-30°	1197.9	6.1
30°-40°	2118.2	10.9
40°-50°	3711.2	19.0
50°-60°	4949.7	25.4
60°-70°	4608.0	23.6
70°-80°	1768.5	9.1
80°-90°	109.9	0.6
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°	19499.0	100.0
0°-180°	19499.0	100.0

Coefficient of Utilization

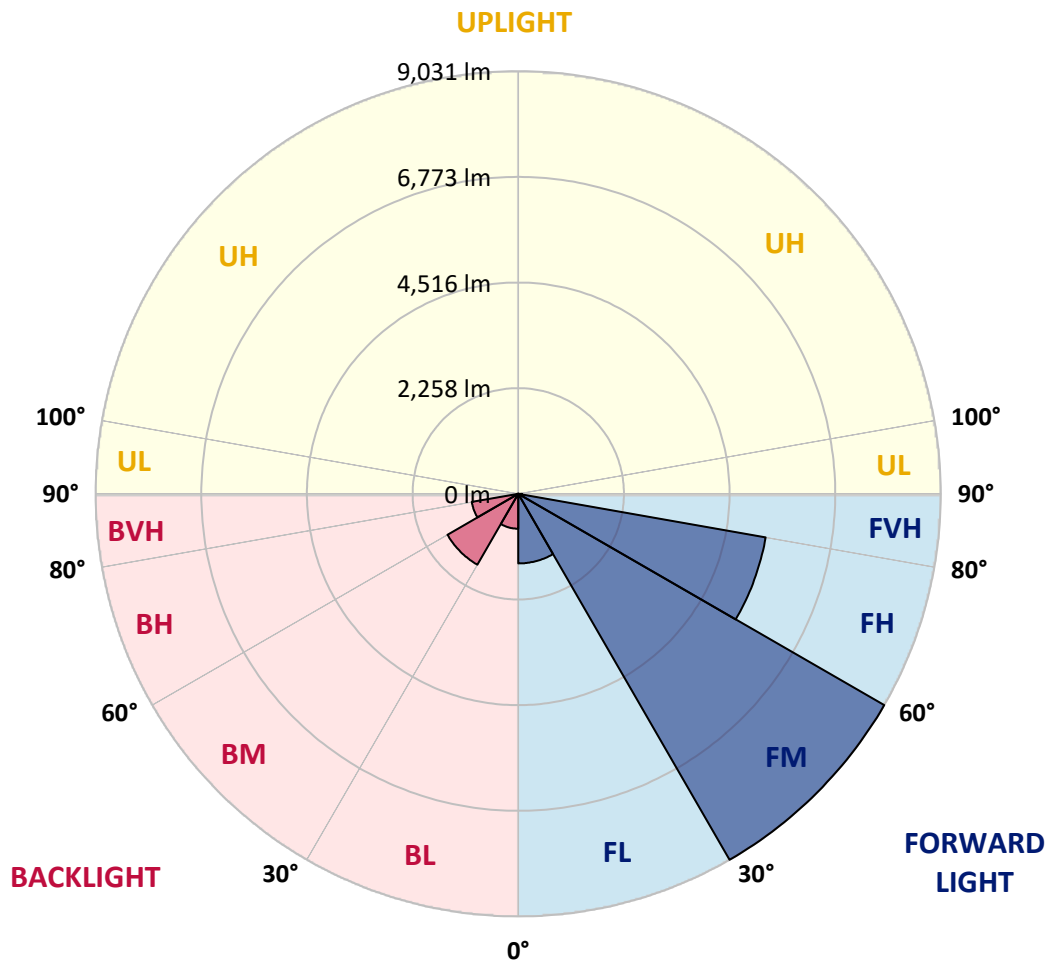


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1487.6	7.6			
FM (30°-60°)	9031.1	46.3			
FH (60°-80°)	5368.4	27.5			G3/7500
FVH (80°-90°)	79.9	0.4			G1/100
BL (0°-30°)	746.0	3.8	B2/1000		
BM (30°-60°)	1748.0	9.0	B2/2500		
BH (60°-80°)	1008.1	5.2	B3/2500		G3/2500
BVH (80°-90°)	30.0	0.2			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
 Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	3230.3	3230.3	3230.3	3230.3	3230.3	3230.3	3230.3	3230.3	3230.3	3230.3
2.5°	3414.2	3433.9	3422.7	3417.0	3407.2	3393.2	3381.9	3346.8	3310.3	3286.5
5°	3483.0	3502.7	3501.3	3506.9	3513.9	3518.1	3515.3	3476.0	3424.1	3383.3
7.5°	3424.1	3446.5	3464.8	3492.8	3542.0	3593.9	3619.2	3610.8	3557.4	3501.3
10°	3257.0	3280.9	3324.4	3390.4	3494.3	3606.6	3700.6	3744.1	3710.5	3648.7
12.5°	2951.0	2974.8	3060.5	3203.7	3377.7	3572.9	3752.6	3869.1	3877.5	3815.7
15°	2607.0	2630.9	2722.1	2901.8	3167.1	3480.2	3780.6	4001.1	4075.5	4022.1
17.5°	2393.6	2414.7	2483.5	2628.1	2904.6	3294.9	3770.8	4141.4	4311.3	4269.2
20°	2329.0	2347.3	2379.6	2480.7	2710.9	3102.6	3706.2	4273.4	4565.4	4541.5
22.5°	2397.8	2414.7	2424.5	2469.4	2614.0	2976.2	3624.8	4408.2	4860.2	4863.0
25°	2556.5	2573.3	2562.1	2590.2	2653.3	2936.9	3593.9	4566.8	5230.9	5261.7
27.5°	2817.6	2819.0	2792.3	2790.9	2800.7	2995.9	3626.2	4736.7	5698.3	5755.9
30°	3341.2	3320.2	3217.7	3106.8	3056.2	3172.8	3716.1	4937.4	6250.1	6352.6
32.5°	4148.5	4117.6	3929.5	3664.1	3397.4	3457.8	3877.5	5166.3	6850.9	7036.2
35°	5024.5	5016.1	4819.5	4425.0	3958.9	3863.5	4140.0	5466.7	7506.5	7801.4
37.5°	5838.7	5834.5	5722.2	5257.5	4690.4	4429.2	4561.2	5859.8	8208.5	8635.3
40°	6582.8	6595.4	6483.1	6067.6	5496.2	5155.0	5134.0	6345.5	8989.0	9543.6
42.5°	7225.8	7239.8	7126.1	6818.6	6292.2	5958.1	5837.3	6940.8	9751.3	10519.3
45°	7662.4	7749.4	7732.6	7486.9	7109.2	6762.5	6682.5	7687.6	10620.3	11553.9
47.5°	7785.9	7865.9	7992.3	8026.0	7795.7	7454.6	7550.1	8587.5	11499.2	12590.0
50°	7481.3	7555.7	7818.2	8167.8	8327.8	8222.5	8393.8	9552.0	12399.1	13623.2
52.5°	6880.4	6956.2	7287.5	7840.7	8493.5	8824.8	9240.3	10502.4	13270.9	14601.7
55°	6011.4	6091.4	6516.8	7142.9	8177.6	9073.3	9946.5	11451.4	14069.7	15482.0
57.5°	4829.3	4888.3	5330.5	6206.5	7383.0	8826.2	10467.3	12487.5	14822.1	16346.8
60°	3147.5	3199.4	3713.3	4690.4	6066.2	8000.7	10571.2	13642.9	15821.7	17471.3
62.5°	2093.2	2128.3	2432.9	3150.3	4272.0	6415.7	9963.3	14565.2	17287.4	19428.3
65°	1436.2	1471.3	1775.9	2275.7	2760.0	4243.9	8215.5	14443.1	18615.4	20982.4
67.5°	1024.8	1054.3	1312.6	1784.3	1997.7	2465.2	5569.2	12882.0	18424.5	21041.3
70°	734.2	751.1	964.5	1389.8	1587.8	1481.1	3097.0	9852.4	16132.0	19429.7
72.5°	513.8	519.4	669.7	1058.5	1278.9	1081.0	1474.1	6568.7	12201.1	15250.3
75°	348.2	355.2	450.6	776.3	1026.2	825.5	780.6	3522.3	7162.6	8441.5
77.5°	213.4	216.2	290.6	530.7	767.9	628.9	502.6	1492.3	2771.3	2720.7
80°	120.7	120.7	185.3	329.9	523.6	405.7	352.4	634.6	877.4	770.7
82.5°	67.4	68.8	134.8	205.0	346.8	240.1	193.7	293.4	379.0	335.5
85°	28.1	30.9	82.8	96.9	165.7	119.3	78.6	123.5	140.4	124.9
87.5°	2.8	4.2	25.3	18.3	19.7	23.9	11.2	23.9	19.7	19.7
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°
3230.3	0°	3230.3	3230.3	3230.3	3230.3	3230.3	3230.3	3230.3	3230.3	3230.3	3230.3
3278.1	2.5°	3251.4	3230.3	3177.0	3115.2	3033.8	2994.5	2941.1	2904.6	2873.7	2876.5
3359.5	5°	3314.6	3261.2	3141.9	2993.1	2807.8	2675.8	2535.4	2438.5	2359.9	2343.1
3471.8	7.5°	3401.6	3317.4	3108.2	2840.0	2527.0	2289.7	2077.7	1941.6	1844.7	1813.8
3608.0	10°	3513.9	3391.8	3064.7	2647.7	2197.1	1895.2	1667.8	1561.1	1495.1	1472.7
3768.0	12.5°	3644.5	3477.4	3007.1	2413.3	1857.3	1566.7	1422.1	1368.8	1347.7	1340.7
3964.6	15°	3808.7	3584.1	2920.1	2135.3	1569.5	1366.0	1304.2	1297.2	1300.0	1297.2
4200.4	17.5°	4003.9	3700.6	2778.3	1848.9	1375.8	1263.5	1241.0	1246.6	1253.7	1252.3
4464.3	20°	4217.3	3815.7	2597.2	1594.8	1243.8	1190.5	1177.9	1183.5	1189.1	1186.3
4769.0	22.5°	4460.1	3939.3	2396.4	1396.9	1155.4	1123.1	1109.1	1110.5	1110.5	1104.9
5155.0	25°	4750.7	4075.5	2185.8	1256.5	1088.0	1062.7	1045.9	1040.3	1031.9	1015.0
5623.9	27.5°	5097.5	4220.1	1983.7	1158.2	1034.7	1010.8	991.1	977.1	956.0	928.0
6186.9	30°	5487.8	4395.5	1812.4	1096.4	992.5	968.7	946.2	925.2	894.3	859.2
6834.1	32.5°	5946.8	4583.7	1687.5	1055.7	954.6	929.4	902.7	877.4	843.7	808.6
7561.3	35°	6494.3	4811.1	1614.5	1027.6	925.2	891.5	862.0	833.9	808.6	777.7
8351.7	37.5°	7088.2	5052.6	1592.0	1013.6	905.5	853.6	819.9	800.2	797.4	779.2
9206.6	40°	7738.2	5338.9	1608.8	1005.2	884.4	817.1	780.6	776.3	783.4	751.1
10120.6	42.5°	8426.1	5678.7	1636.9	995.3	855.0	780.6	745.5	745.5	739.8	694.9
11086.4	45°	9170.1	6070.4	1665.0	971.5	819.9	744.1	717.4	707.6	683.7	640.2
12057.9	47.5°	9919.8	6469.1	1686.1	928.0	777.7	713.2	689.3	666.8	631.7	592.4
13011.1	50°	10631.6	6827.1	1663.6	863.4	730.0	683.7	658.4	627.5	589.6	563.0
13913.8	52.5°	11267.5	7137.3	1568.1	787.6	679.5	652.8	630.3	598.1	567.2	539.1
14728.1	55°	11820.7	7388.6	1399.7	716.0	634.6	626.1	603.7	563.0	520.8	497.0
15535.3	57.5°	12351.3	7579.5	1189.1	657.0	593.8	596.6	563.0	526.5	487.1	461.9
16623.3	60°	13057.5	7835.0	975.7	602.3	550.3	558.7	522.2	495.6	446.4	414.1
18489.1	62.5°	14186.2	8232.3	774.9	534.9	499.8	502.6	487.1	454.9	395.9	358.0
19871.9	65°	15081.9	8086.3	610.7	461.9	442.2	446.4	446.4	411.3	348.2	304.6
19946.3	67.5°	14980.8	6923.9	487.1	390.3	387.5	390.3	400.1	370.6	308.9	273.8
18427.3	70°	13800.1	5507.4	390.3	324.3	336.9	329.9	358.0	338.3	278.0	242.9
14285.9	72.5°	11260.5	3967.4	297.6	268.1	258.3	269.5	322.9	304.6	231.6	192.3
7566.9	75°	6580.0	2117.0	221.8	212.0	186.7	224.6	286.4	259.7	176.9	141.8
2319.2	77.5°	2142.3	738.4	162.8	155.8	139.0	181.1	244.3	219.0	144.6	112.3
679.5	80°	574.2	223.2	110.9	102.5	89.8	134.8	193.7	174.1	103.9	73.0
292.0	82.5°	230.2	94.1	64.6	57.6	49.1	92.7	153.0	140.4	77.2	46.3
91.3	85°	74.4	30.9	23.9	18.3	22.5	57.6	91.3	95.5	54.8	23.9
14.0	87.5°	9.8	4.2	4.2	5.6	4.2	9.8	28.1	26.7	15.4	2.8
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°
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3230.3
2848.5
2305.2
1782.9
1455.8
1336.5
1295.8
1249.5
1184.9
1102.0
1012.2
925.2
856.4
810.0
774.9
777.7
752.5
694.9
638.8
591.0
558.7
536.3
494.2
459.1
409.9
355.2
300.4
268.1
238.7
188.1
137.6
108.1
71.6
46.3
18.3
0.0
0.0

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