

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: P940417

Luminaire Tested: **GLAN-SB3C-722-U-T3**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P940417
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3C-722-U-T3
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18575 lumens
Efficiency: N/A
Efficacy: 124.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 149.1
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

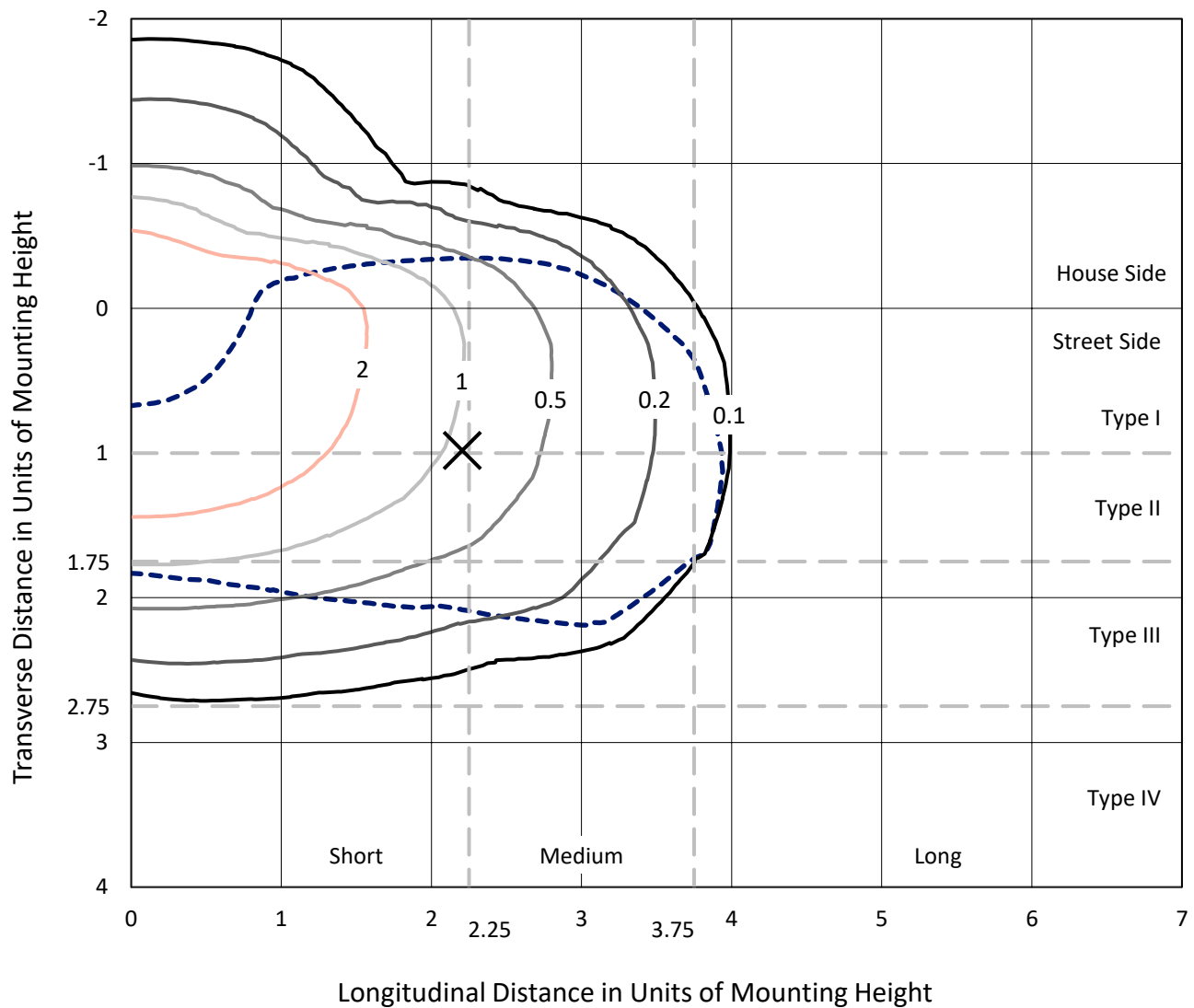


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
- - - 1/2 Max cd

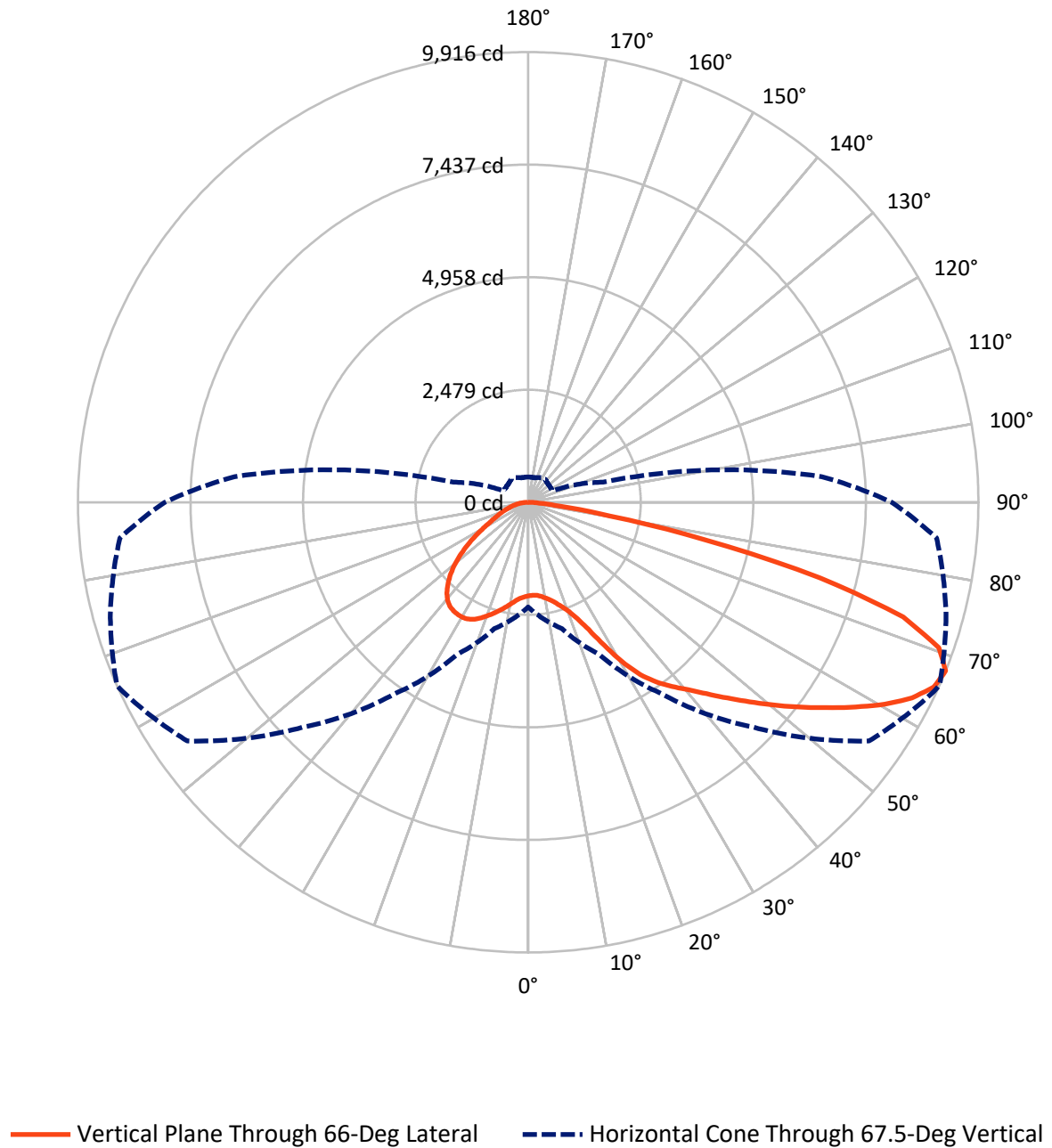


Based on 25 foot mounting height. Maximum calculated value = 4.7 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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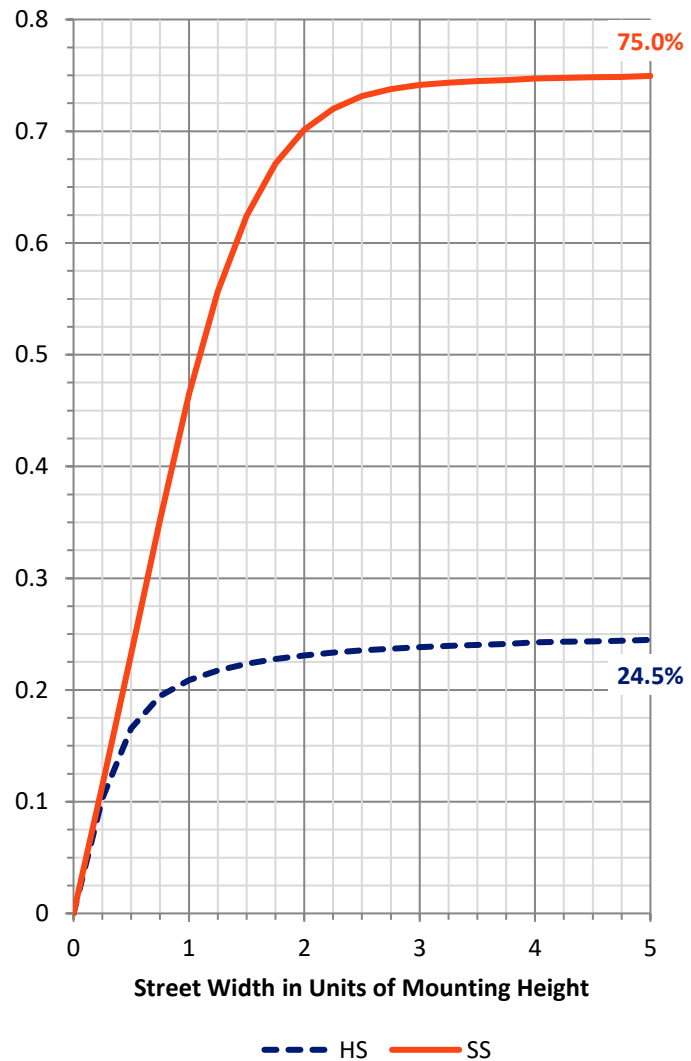
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4618.6	0.0	4618.6
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	13956.4	0.0	13956.4
	% Fixture	75.1	0.0	75.1
Total	Lumens	18575.0	0.0	18575.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	204.3	1.1
10°-20°	674.9	3.6
20°-30°	1300.7	7.0
30°-40°	2280.7	12.3
40°-50°	3390.6	18.3
50°-60°	4298.0	23.1
60°-70°	4205.4	22.6
70°-80°	2006.0	10.8
80°-90°	214.4	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°	18575.0	100.0
0°-180°	18575.0	100.0

Coefficient of Utilization



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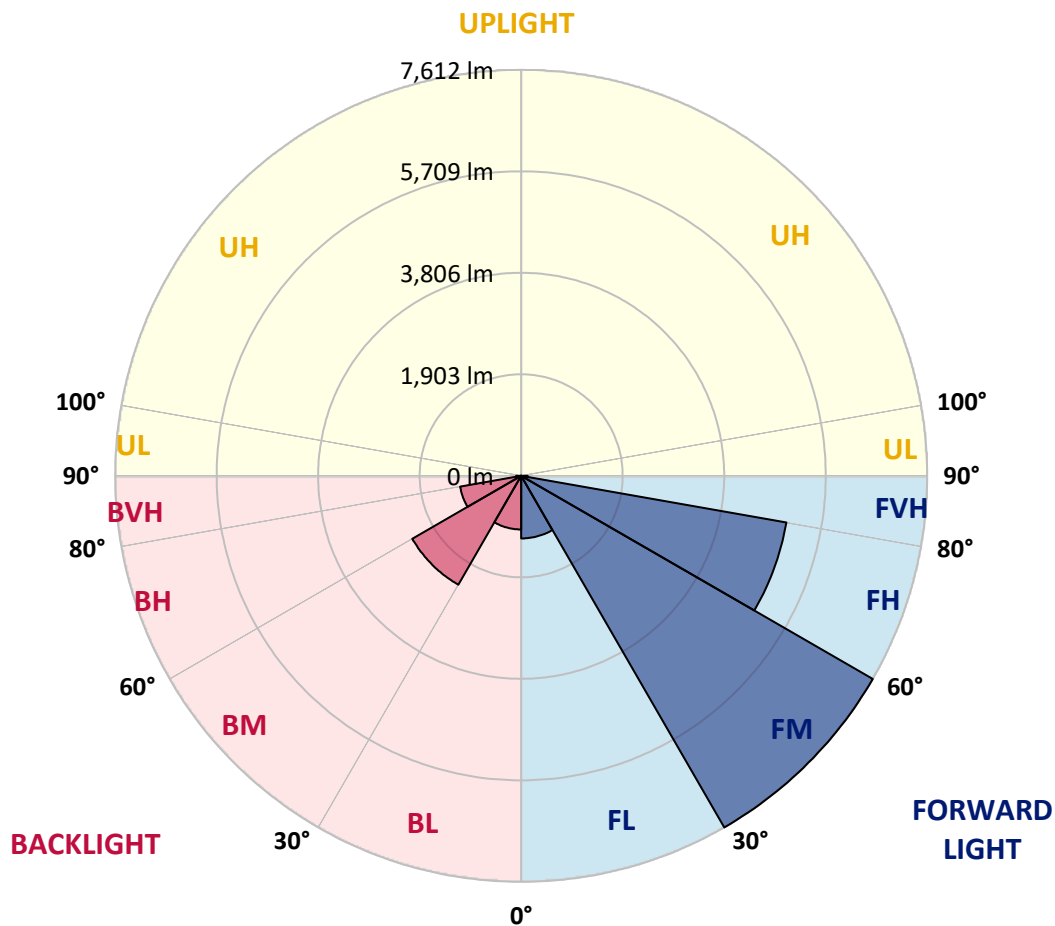
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1173.8	6.3			
FM	(30°-60°)	7611.9	41.0			
FH	(60°-80°)	5049.2	27.2			G3/7500
FVH	(80°-90°)	121.6	0.7			G2/225
BL	(0°-30°)	1006.1	5.4	B3/2500		
BM	(30°-60°)	2357.4	12.7	B2/2500		
BH	(60°-80°)	1162.3	6.3	B3/2500		G3/2500
BVH	(80°-90°)	92.8	0.5			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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°
0°	2060.2	2060.2	2060.2	2060.2	2060.2	2060.2	2060.2	2060.2	2060.2	2060.2
2.5°	2038.7	2050.5	2047.5	2042.6	2041.7	2043.6	2046.5	2049.5	2048.5	2053.4
5°	2032.9	2044.6	2043.6	2043.6	2047.5	2055.3	2060.2	2065.1	2060.2	2066.1
7.5°	2036.8	2045.6	2049.5	2053.4	2063.1	2077.8	2089.5	2100.2	2094.4	2101.2
10°	2086.6	2093.4	2097.3	2097.3	2104.1	2120.7	2132.4	2152.0	2147.1	2157.8
12.5°	2177.3	2184.2	2184.2	2180.3	2185.1	2195.9	2199.8	2221.2	2212.5	2230.0
15°	2288.6	2302.2	2291.5	2284.7	2286.6	2297.4	2296.4	2313.0	2304.2	2318.8
17.5°	2411.6	2429.1	2411.6	2410.6	2406.7	2418.4	2419.4	2434.0	2418.4	2429.1
20°	2557.0	2581.4	2566.7	2571.6	2562.8	2567.7	2572.6	2594.1	2569.7	2577.5
22.5°	2761.9	2791.2	2775.6	2794.1	2788.3	2784.4	2783.4	2821.4	2783.4	2786.3
25°	3060.6	3095.7	3068.4	3093.7	3093.7	3106.4	3121.1	3169.9	3106.4	3087.9
27.5°	3501.7	3536.8	3483.1	3498.8	3493.9	3525.1	3509.5	3630.5	3562.2	3531.9
30°	4032.6	4095.1	3993.6	3989.6	3984.8	4034.5	4057.0	4137.0	4067.7	4037.5
32.5°	4606.4	4671.8	4550.8	4515.7	4497.1	4527.4	4508.9	4573.3	4525.4	4478.6
35°	5213.5	5277.9	5162.7	5094.4	5020.2	4956.8	4890.4	4907.0	4862.1	4790.9
37.5°	5787.3	5905.4	5783.4	5710.2	5573.6	5449.7	5264.2	5187.1	5145.2	5079.8
40°	6371.9	6439.3	6346.5	6284.1	6135.7	5941.5	5644.8	5481.9	5425.3	5361.8
42.5°	6802.3	6866.7	6817.0	6774.0	6657.9	6432.4	6048.9	5844.9	5762.9	5691.7
45°	7143.9	7191.7	7160.5	7176.1	7126.3	6907.7	6467.6	6234.3	6149.4	6062.5
47.5°	7281.5	7332.3	7382.0	7474.7	7559.6	7398.6	6917.5	6655.9	6566.1	6477.3
50°	7265.9	7317.6	7462.1	7659.2	7922.7	7869.0	7391.8	7104.9	7021.9	6920.4
52.5°	7141.0	7199.5	7385.0	7712.9	8132.5	8221.3	7874.9	7568.4	7490.4	7369.3
55°	6813.0	6848.2	7126.3	7590.9	8182.3	8467.3	8348.2	8062.3	7984.2	7815.3
57.5°	6205.0	6255.8	6660.8	7262.0	8057.4	8634.2	8764.0	8581.5	8506.3	8263.3
60°	5411.6	5492.6	5956.2	6709.6	7739.2	8633.2	9141.6	9091.9	9029.4	8704.4
62.5°	4513.7	4607.4	5053.4	5928.8	7182.9	8388.2	9377.8	9519.3	9487.1	9111.4
65°	3466.5	3531.0	3975.0	4918.7	6317.3	7862.2	9405.2	9811.1	9817.0	9420.8
67.5°	2308.1	2493.5	2879.0	3691.0	5157.9	7002.4	9165.1	9859.0	9915.6	9527.1
70°	1126.2	1370.2	1747.9	2398.9	3691.0	5683.9	8537.5	9466.6	9592.5	9216.8
72.5°	467.5	546.5	752.5	1183.8	2118.8	3835.5	7276.6	8402.9	8636.1	8166.7
75°	315.2	341.6	430.4	607.0	965.2	1891.4	5247.6	6265.5	6641.3	6168.0
77.5°	243.0	259.6	313.3	424.5	573.9	715.4	2808.8	3775.9	3970.1	3675.4
80°	191.3	204.0	234.2	309.4	407.0	382.6	957.4	1710.8	1823.1	1529.3
82.5°	165.9	170.8	167.9	209.8	270.3	223.5	314.3	631.4	696.8	505.5
85°	120.0	133.7	139.6	129.8	143.5	113.2	128.8	223.5	245.9	219.6
87.5°	48.8	72.2	88.8	83.9	52.7	32.2	40.0	65.4	75.1	82.0
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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CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
2060.2	0°	2060.2	2060.2	2060.2	2060.2	2060.2	2060.2	2060.2	2060.2	2060.2	2060.2
2061.2	2.5°	2062.2	2069.0	2073.9	2079.7	2083.6	2089.5	2101.2	2108.0	2109.0	2113.9
2076.8	5°	2080.7	2090.5	2101.2	2116.8	2134.4	2149.0	2171.5	2187.1	2192.9	2197.8
2114.9	7.5°	2120.7	2134.4	2153.9	2181.2	2206.6	2226.1	2253.4	2272.0	2290.5	2297.4
2175.4	10°	2180.3	2199.8	2228.1	2265.2	2292.5	2317.9	2346.2	2361.8	2380.3	2388.1
2247.6	12.5°	2254.4	2274.9	2312.0	2363.7	2389.1	2406.7	2416.4	2412.5	2416.4	2423.3
2334.5	15°	2339.3	2361.8	2403.7	2459.4	2476.9	2461.3	2439.9	2420.3	2417.4	2419.4
2439.9	17.5°	2439.9	2456.4	2505.2	2552.1	2539.4	2475.0	2428.1	2396.9	2381.3	2376.4
2574.5	20°	2580.4	2580.4	2620.4	2649.7	2564.8	2455.5	2382.3	2331.5	2299.3	2285.7
2758.0	22.5°	2751.2	2735.6	2760.9	2740.4	2559.9	2400.8	2299.3	2211.5	2162.7	2143.2
3014.7	25°	2967.8	2949.3	2942.5	2815.6	2524.8	2314.0	2149.0	2042.6	1999.7	1989.0
3384.6	27.5°	3294.8	3247.9	3159.1	2856.6	2460.3	2177.3	1973.4	1874.8	1850.4	1851.4
3859.8	30°	3730.0	3636.4	3418.7	2863.4	2354.9	1984.1	1793.8	1723.5	1711.8	1716.7
4259.0	32.5°	4133.1	4044.3	3684.2	2832.2	2192.9	1794.8	1632.8	1585.9	1568.3	1574.2
4563.5	35°	4449.3	4424.9	3930.1	2788.3	1993.8	1617.1	1488.3	1448.3	1414.1	1406.3
4850.4	37.5°	4748.0	4738.2	4114.6	2726.8	1796.7	1491.2	1372.2	1319.5	1269.7	1242.4
5167.6	40°	5075.9	5066.1	4235.6	2632.1	1622.0	1381.9	1267.7	1198.5	1137.0	1087.2
5526.8	42.5°	5444.8	5387.2	4293.2	2496.5	1473.7	1289.2	1182.8	1089.2	1008.1	962.3
5932.7	45°	5847.8	5718.0	4292.2	2323.7	1348.8	1204.3	1092.1	959.4	884.2	841.3
6349.5	47.5°	6275.3	6034.2	4239.5	2132.4	1227.7	1110.6	951.5	850.0	800.3	773.9
6802.3	50°	6716.4	6330.0	4149.7	1912.8	1103.8	1004.2	863.7	794.4	756.4	732.0
7251.2	52.5°	7131.2	6598.3	4041.4	1664.0	977.9	900.8	824.7	771.0	731.0	703.7
7686.5	55°	7516.7	6829.6	3888.2	1409.3	875.4	831.5	806.1	761.2	715.4	683.2
8128.6	57.5°	7859.3	6979.9	3623.7	1170.2	802.2	783.7	786.6	744.6	691.9	664.6
8563.9	60°	8144.2	7090.2	3232.3	948.6	742.7	736.8	756.4	713.4	651.9	620.7
8931.8	62.5°	8315.0	7088.3	2752.2	776.8	691.9	693.9	716.3	674.4	611.9	582.6
9124.1	65°	8300.4	6914.5	2225.1	664.6	643.1	645.1	674.4	631.4	578.7	561.2
9027.5	67.5°	8006.6	6491.0	1706.9	591.4	589.5	598.3	632.4	602.2	558.2	556.3
8451.7	70°	7211.2	5611.7	1229.7	532.9	533.8	546.5	591.4	583.6	547.5	551.4
7105.8	72.5°	5782.5	4278.5	825.6	471.4	472.4	492.9	552.4	569.0	536.8	588.5
5041.7	75°	3851.1	2668.2	530.9	406.0	407.0	433.3	518.2	540.7	507.5	586.5
2623.3	77.5°	1850.4	1199.4	384.5	341.6	341.6	366.0	448.0	484.1	432.3	455.8
843.2	80°	639.2	450.9	302.5	275.2	269.4	286.0	377.7	419.7	372.8	343.5
275.2	82.5°	251.8	234.2	243.0	213.7	194.2	204.9	293.8	346.5	274.2	247.9
155.2	85°	144.4	152.2	171.8	141.5	112.2	125.9	215.7	248.9	206.9	182.5
50.7	87.5°	39.0	53.7	79.1	73.2	50.7	53.7	102.5	137.6	119.1	91.7
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°
2060.2
2112.9
2196.8
2298.3
2392.0
2425.2
2426.2
2383.2
2282.7
2140.2
1990.9
1854.3
1733.3
1582.0
1412.2
1243.3
1092.1
965.2
839.3
768.1
723.2
691.9
670.5
647.0
607.0
573.9
560.2
559.2
550.4
596.3
591.4
417.7
322.1
246.9
186.4
94.7
0.0

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