

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: P852389

Luminaire Tested: **GLAN-SB3C-722-U-T4FT**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P852389
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-SB3C-722-U-T4FT
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 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: 17367 lumens
Efficiency: N/A
Efficacy: 116.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

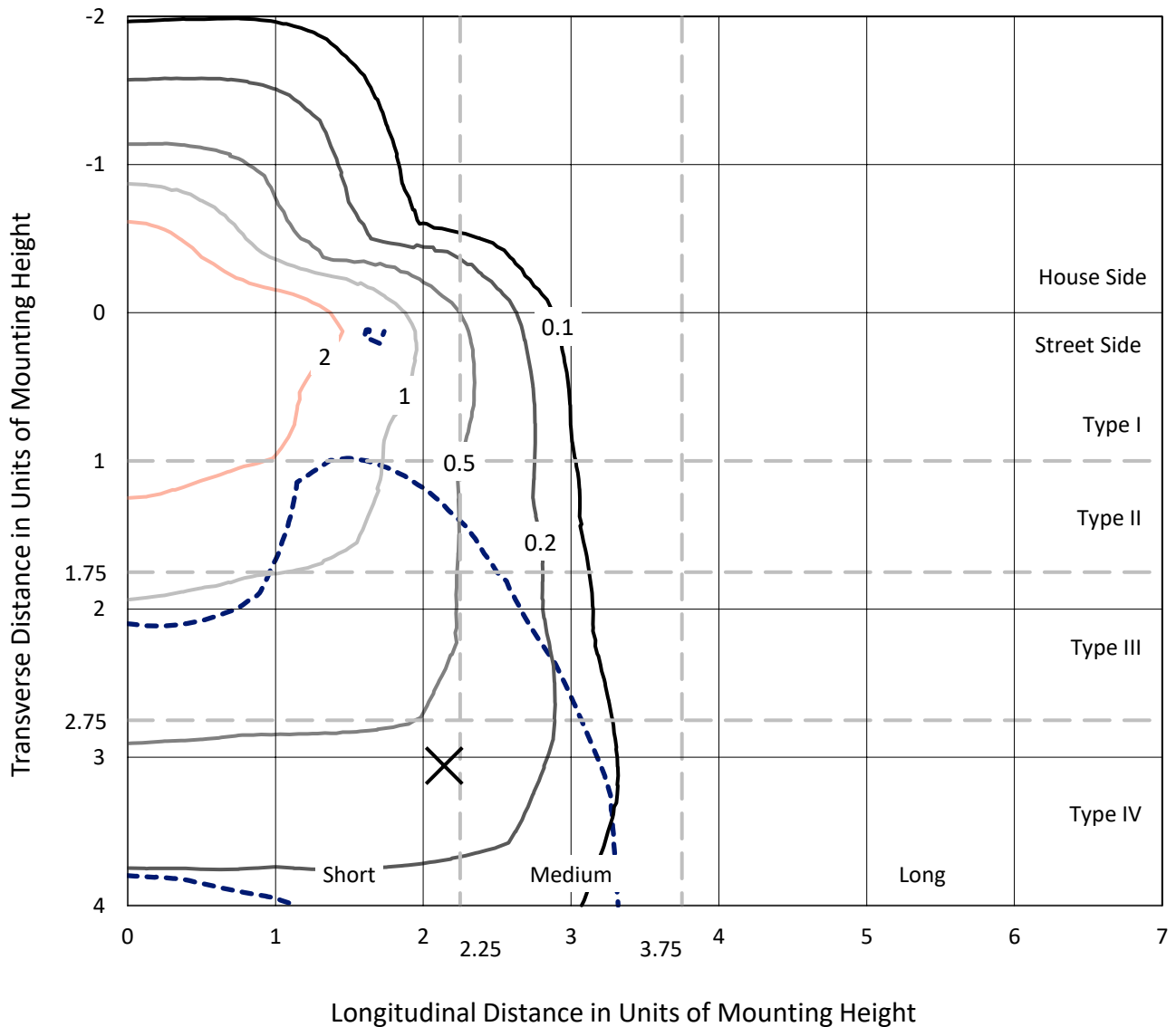
Input Watts (W): 149.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

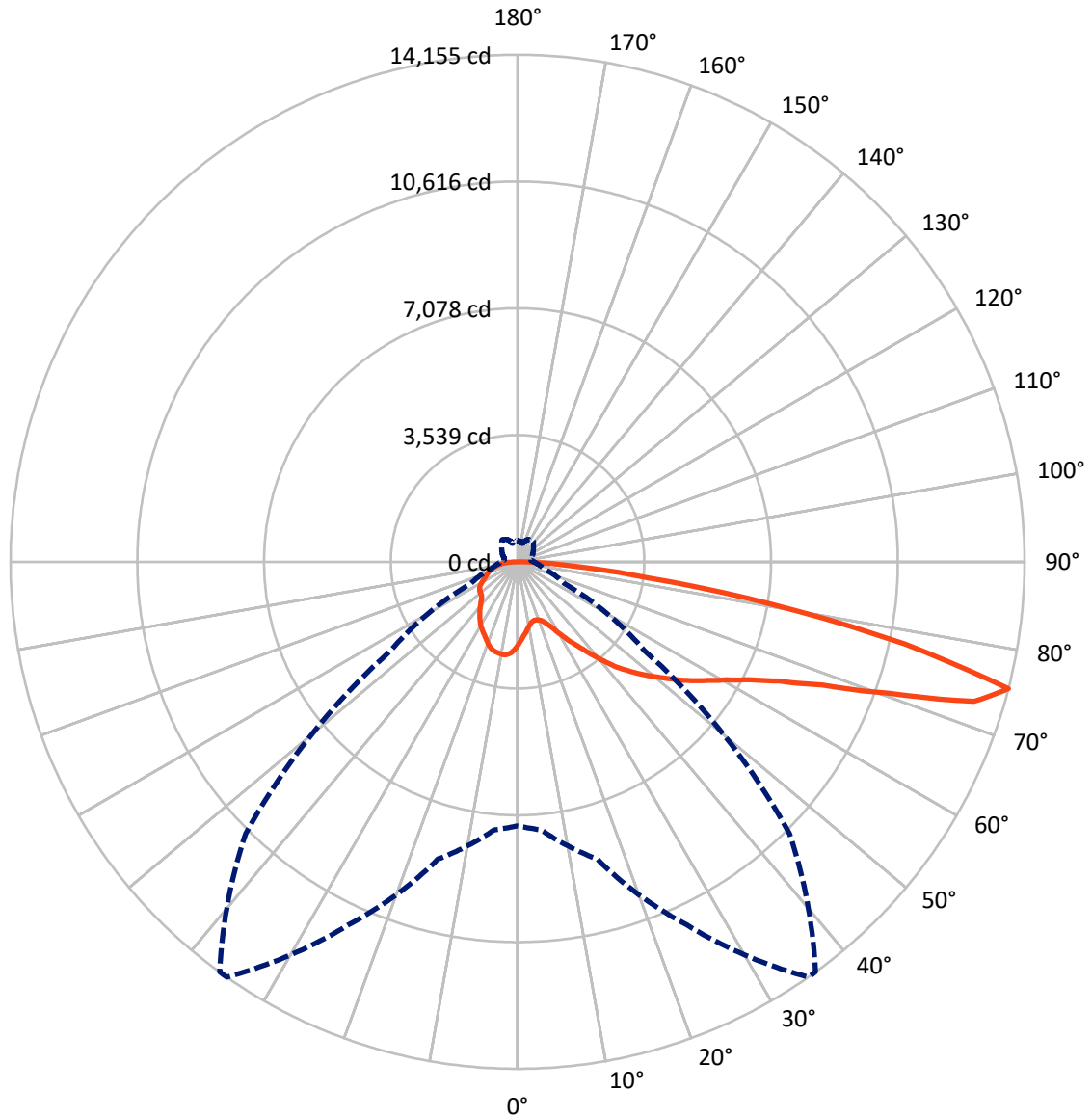
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.1 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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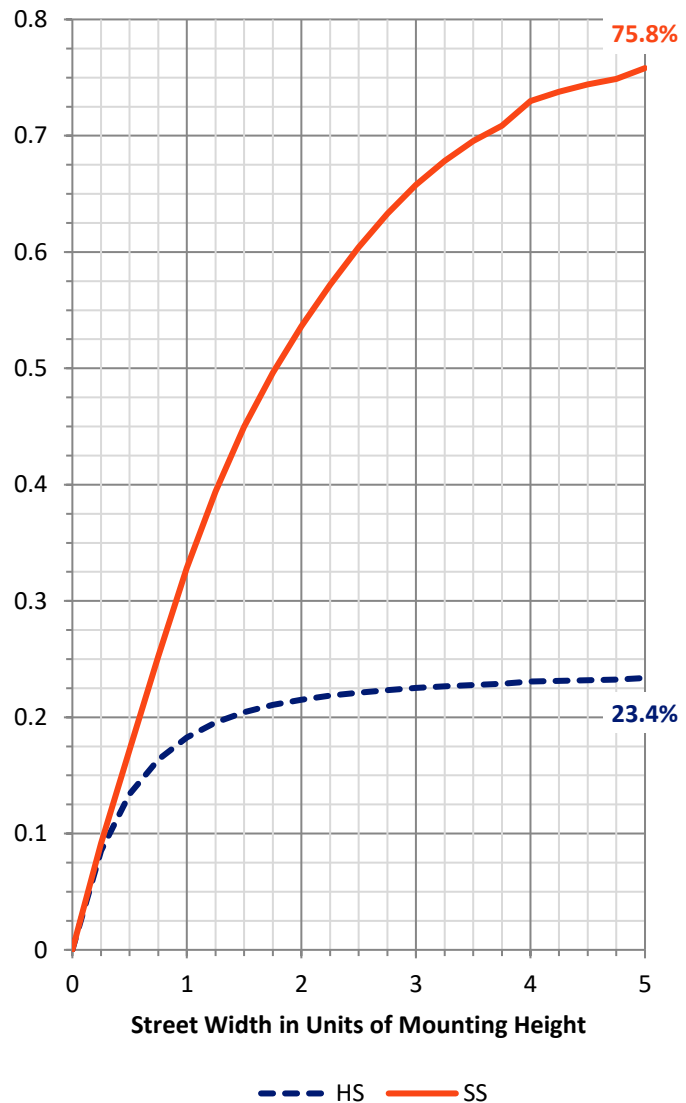
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4132.9	0.0	4132.9
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	13234.1	0.0	13234.1
	% Fixture	76.2	0.0	76.2
Total	Lumens	17367.0	0.0	17367.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	219.1	1.3
10°-20°	632.0	3.6
20°-30°	1061.3	6.1
30°-40°	1649.5	9.5
40°-50°	2448.2	14.1
50°-60°	3379.9	19.5
60°-70°	4100.6	23.6
70°-80°	3388.9	19.5
80°-90°	487.4	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°	17367.0	100.0
0°-180°	17367.0	100.0

Coefficient of Utilization



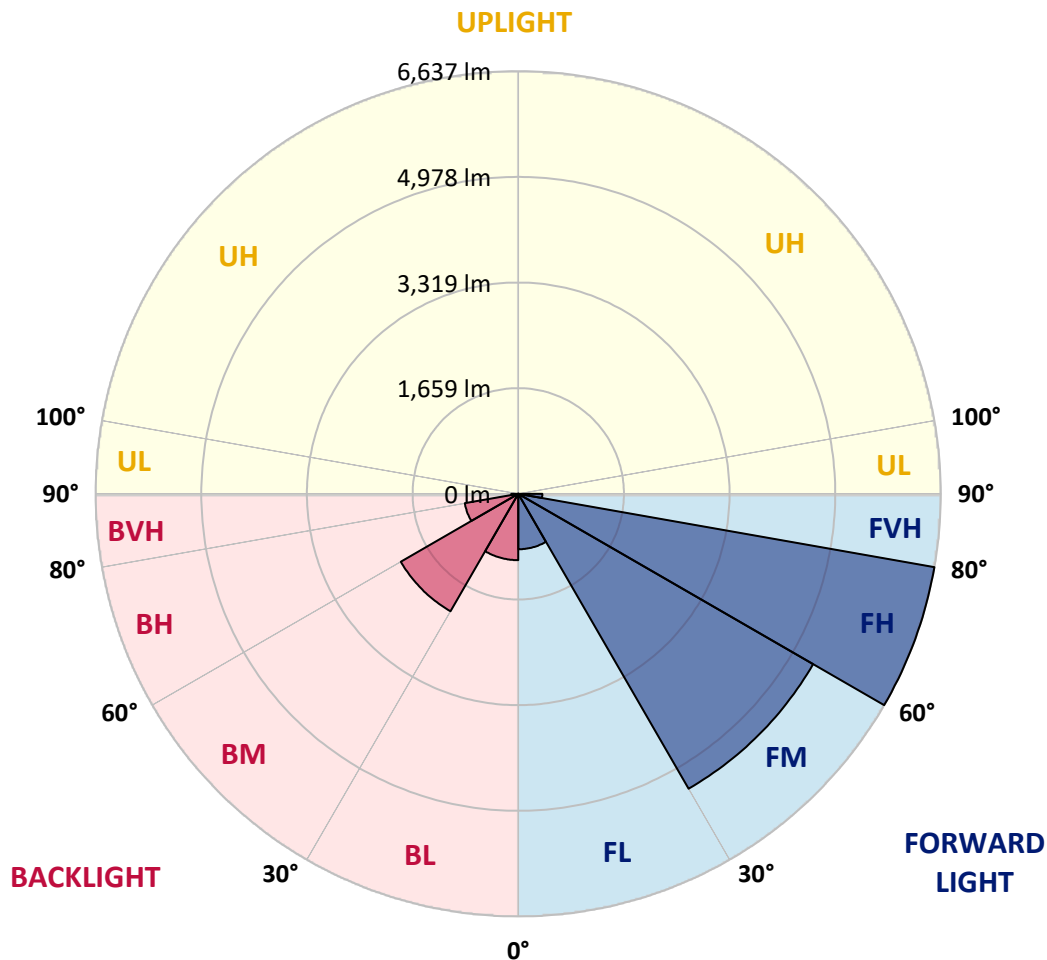
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	870.9	5.0			
FM (30°-60°)	5348.1	30.8			
FH (60°-80°)	6637.4	38.2			G3/7500
FVH (80°-90°)	377.7	2.2			G3/500
BL (0°-30°)	1041.5	6.0	B3/2500		
BM (30°-60°)	2129.5	12.3	B2/2500		
BH (60°-80°)	852.1	4.9	B2/1000		G2/1000
BVH (80°-90°)	109.8	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°
0°	2314.3	2314.3	2314.3	2314.3	2314.3	2314.3	2314.3	2314.3	2314.3	2314.3
2.5°	2134.0	2147.2	2152.8	2150.0	2164.1	2162.2	2181.9	2206.3	2240.1	2273.0
5°	1969.7	1983.8	1996.0	2007.3	2034.5	2042.9	2073.9	2120.9	2182.8	2245.7
7.5°	1816.7	1828.9	1847.7	1868.3	1914.3	1922.8	1974.4	2047.6	2134.0	2226.0
10°	1691.8	1704.0	1723.7	1747.2	1804.5	1814.8	1880.5	1978.2	2090.8	2207.2
12.5°	1638.3	1642.1	1653.3	1676.8	1726.5	1733.1	1805.4	1917.1	2048.6	2193.2
15°	1635.5	1643.0	1643.9	1656.1	1697.4	1700.3	1766.9	1877.7	2022.3	2190.3
17.5°	1663.6	1669.3	1660.8	1668.3	1703.1	1707.8	1760.3	1858.9	2013.8	2202.5
20°	1738.8	1743.4	1718.1	1707.8	1733.1	1736.9	1788.5	1871.1	2022.3	2227.9
22.5°	1898.4	1901.2	1839.2	1797.0	1798.8	1800.7	1845.8	1920.9	2055.1	2273.9
25°	2147.2	2145.3	2046.7	1965.0	1918.1	1907.7	1937.8	2001.6	2110.5	2334.9
27.5°	2438.2	2424.1	2325.5	2203.5	2101.2	2086.1	2079.6	2106.8	2189.4	2415.7
30°	2766.8	2753.7	2647.6	2488.0	2346.2	2321.8	2259.8	2245.7	2306.8	2525.5
32.5°	3127.3	3118.9	2992.1	2798.7	2609.1	2580.9	2476.7	2439.1	2487.0	2691.7
35°	3429.6	3422.1	3317.0	3117.9	2886.0	2851.3	2745.2	2703.0	2727.4	2904.8
37.5°	3702.8	3699.1	3608.9	3452.2	3212.8	3170.5	3051.3	3037.2	3032.5	3185.5
40°	3956.3	3946.9	3853.0	3770.4	3593.0	3554.5	3449.3	3437.1	3401.5	3531.0
42.5°	4237.0	4212.6	4076.5	4038.0	3990.1	3958.2	3895.3	3897.2	3818.3	3920.6
45°	4466.1	4452.0	4312.1	4289.6	4341.3	4328.1	4382.6	4396.6	4243.6	4329.0
47.5°	4712.1	4699.0	4580.7	4564.7	4704.6	4708.3	4900.8	4905.5	4658.6	4753.4
50°	5015.3	4996.6	4879.2	4898.9	5055.7	5069.8	5421.9	5389.9	5040.7	5184.3
52.5°	5215.3	5226.6	5201.2	5233.2	5447.2	5460.4	5934.5	5852.8	5419.1	5609.6
55°	5362.7	5385.3	5464.1	5537.3	5860.3	5873.5	6418.0	6293.1	5732.6	6004.0
57.5°	5552.4	5520.4	5667.8	5810.6	6252.8	6287.5	6888.4	6717.5	6010.5	6343.8
60°	5824.6	5802.1	5916.6	6127.9	6692.1	6747.5	7385.9	7099.6	6214.3	6613.3
62.5°	6376.7	6320.4	6338.2	6525.0	7246.1	7319.3	7947.4	7432.9	6315.7	6718.4
65°	7201.9	7105.2	7015.1	7144.7	8026.2	8098.5	8581.1	7694.8	6278.1	6514.7
67.5°	8241.2	8145.5	8034.7	8156.7	9175.4	9232.7	9363.2	7842.2	5982.4	5729.8
70°	9098.4	9062.7	9195.1	9697.4	11010.9	11012.7	10365.9	7720.2	5172.1	4062.4
72.5°	8984.8	8963.2	9660.8	11213.6	13324.2	13274.4	11315.0	6796.3	3484.1	1832.6
75°	7370.9	7510.8	8591.4	11186.4	14155.1	14148.5	10733.9	4320.6	1441.1	759.5
77.5°	3952.6	4174.1	5577.7	8259.1	11050.3	11216.5	7546.5	1511.6	618.7	486.3
80°	1289.0	1482.4	2223.2	4205.1	7180.3	7149.4	3234.3	593.4	423.4	344.6
82.5°	547.4	569.9	993.3	1985.7	3685.0	3627.7	1029.9	340.8	297.6	235.7
85°	214.1	239.4	438.4	918.2	1596.0	1561.3	371.8	169.0	190.6	154.0
87.5°	70.4	85.4	156.8	314.5	496.7	478.8	91.1	58.2	82.6	70.4
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°
2314.3	0°	2314.3	2314.3	2314.3	2314.3	2314.3	2314.3	2314.3	2314.3	2314.3	2314.3
2320.8	2.5°	2334.0	2349.0	2366.8	2393.1	2415.7	2434.4	2454.2	2466.4	2471.1	2485.1
2324.6	5°	2350.9	2383.7	2427.9	2471.1	2513.3	2538.7	2561.2	2572.5	2582.8	2590.3
2334.9	7.5°	2379.1	2421.3	2490.8	2547.1	2582.8	2603.4	2618.5	2614.7	2618.5	2620.3
2346.2	10°	2403.5	2462.6	2545.2	2598.7	2626.0	2626.9	2623.2	2610.0	2603.4	2604.4
2363.1	12.5°	2432.6	2498.3	2587.5	2632.5	2640.1	2619.4	2603.4	2580.9	2572.5	2568.7
2388.4	15°	2472.0	2547.1	2633.5	2650.4	2631.6	2605.3	2578.1	2541.5	2522.7	2507.7
2431.6	17.5°	2519.9	2602.5	2669.2	2657.0	2616.6	2573.4	2529.3	2473.9	2435.4	2419.4
2490.8	20°	2586.5	2660.7	2696.4	2642.9	2581.8	2516.1	2441.0	2373.4	2337.7	2321.8
2565.9	22.5°	2667.3	2738.6	2722.7	2618.5	2532.1	2426.9	2333.0	2283.3	2265.4	2254.2
2662.6	25°	2764.0	2825.0	2741.4	2582.8	2450.4	2308.6	2236.3	2220.4	2211.9	2203.5
2780.9	27.5°	2889.8	2922.6	2755.5	2530.2	2322.7	2182.8	2156.5	2159.4	2156.5	2142.5
2945.2	30°	3056.0	3049.4	2768.7	2444.8	2176.3	2069.2	2071.1	2083.3	2085.2	2075.8
3174.3	32.5°	3274.7	3208.1	2775.2	2334.0	2036.4	1969.7	1971.6	1984.7	1994.1	1978.2
3473.8	35°	3539.5	3393.0	2764.9	2195.0	1928.4	1874.9	1860.8	1864.6	1867.4	1852.4
3837.1	37.5°	3848.4	3600.5	2718.9	2041.1	1839.2	1781.9	1751.9	1726.5	1711.5	1697.4
4248.3	40°	4187.3	3826.8	2634.4	1890.8	1739.7	1683.4	1638.3	1590.4	1539.7	1520.9
4683.9	42.5°	4542.2	4059.6	2532.1	1747.2	1625.2	1579.1	1531.3	1461.8	1385.7	1347.3
5136.5	45°	4910.2	4298.1	2431.6	1605.4	1507.8	1488.1	1432.7	1349.1	1266.5	1217.7
5589.9	47.5°	5270.7	4523.4	2284.2	1462.7	1398.0	1419.5	1376.4	1299.4	1207.4	1130.4
6039.6	50°	5615.3	4734.6	2042.9	1318.1	1308.8	1398.9	1357.6	1246.8	1141.6	1043.1
6480.9	52.5°	5957.0	4905.5	1734.1	1186.7	1260.9	1393.3	1333.2	1211.1	1082.5	979.2
6895.9	55°	6247.1	4993.8	1436.4	1074.0	1191.4	1345.4	1304.1	1168.9	998.9	889.1
7180.3	57.5°	6412.4	4922.4	1188.6	963.3	1095.6	1266.5	1254.3	1078.7	899.4	814.9
7235.7	60°	6341.0	4633.2	985.8	866.6	1004.6	1181.1	1167.9	989.6	823.4	743.6
6939.1	62.5°	5947.6	4082.1	825.3	782.1	922.0	1093.8	1081.6	921.0	765.2	688.2
6151.4	65°	5155.2	3320.7	700.4	711.6	838.4	988.6	1006.4	863.7	719.2	644.1
4759.0	67.5°	3931.9	2405.3	602.7	650.6	756.7	885.3	937.0	822.4	680.7	609.3
2753.7	70°	2241.0	1366.0	520.1	591.5	684.4	789.6	883.5	789.6	639.4	580.2
1031.8	72.5°	849.7	627.2	449.7	532.3	614.9	708.8	824.3	737.9	591.5	547.4
533.3	75°	453.5	382.1	378.4	462.9	535.1	630.0	750.1	687.2	555.8	578.3
369.0	77.5°	308.9	270.4	316.4	396.2	447.8	542.7	671.3	610.3	481.6	479.8
255.4	80°	214.1	191.5	257.2	319.2	346.4	456.3	585.8	523.9	392.4	366.2
157.7	82.5°	128.6	124.9	192.5	238.5	245.0	352.1	485.4	439.4	321.1	279.8
93.9	85°	70.4	74.2	123.0	139.9	142.7	246.0	380.2	339.9	246.9	207.5
33.8	87.5°	19.7	25.3	45.1	55.4	68.5	127.7	226.3	201.9	123.9	86.4
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°
2314.3
2484.2
2592.2
2623.2
2606.3
2566.8
2512.4
2420.4
2319.9
2256.1
2203.5
2145.3
2080.5
1985.7
1862.7
1706.8
1529.4
1351.9
1213.9
1121.9
1034.6
968.0
879.7
803.7
732.3
676.0
631.8
598.0
572.7
539.8
597.1
442.2
350.2
281.7
209.4
86.4
0.0

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