

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: P948419

Luminaire Tested: **GLAN-SB3C-722-U-T4W-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948419
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3C-722-U-T4W-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV WIDE
OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14298 lumens
Efficiency: N/A
Efficacy: 95.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - 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



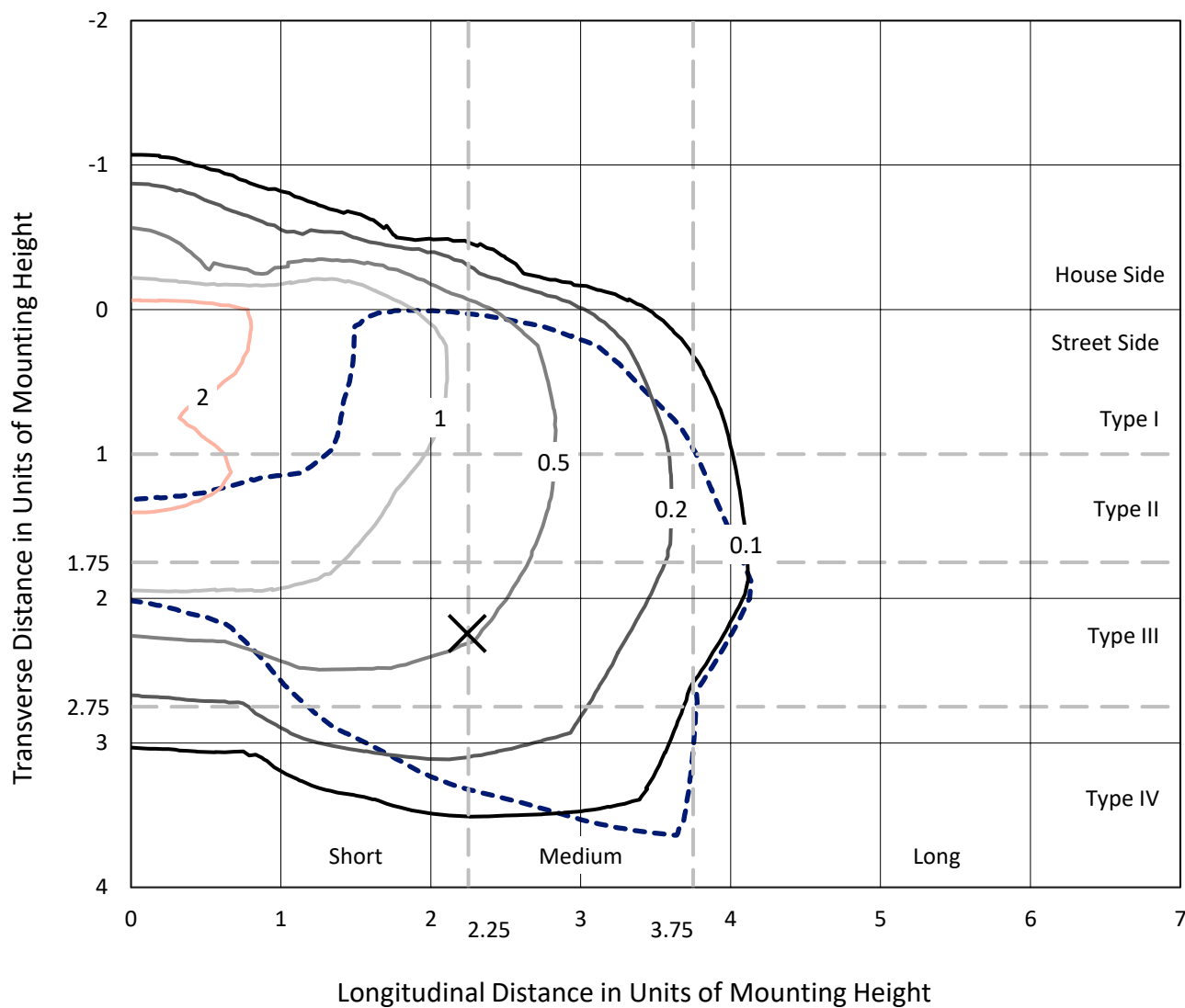
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

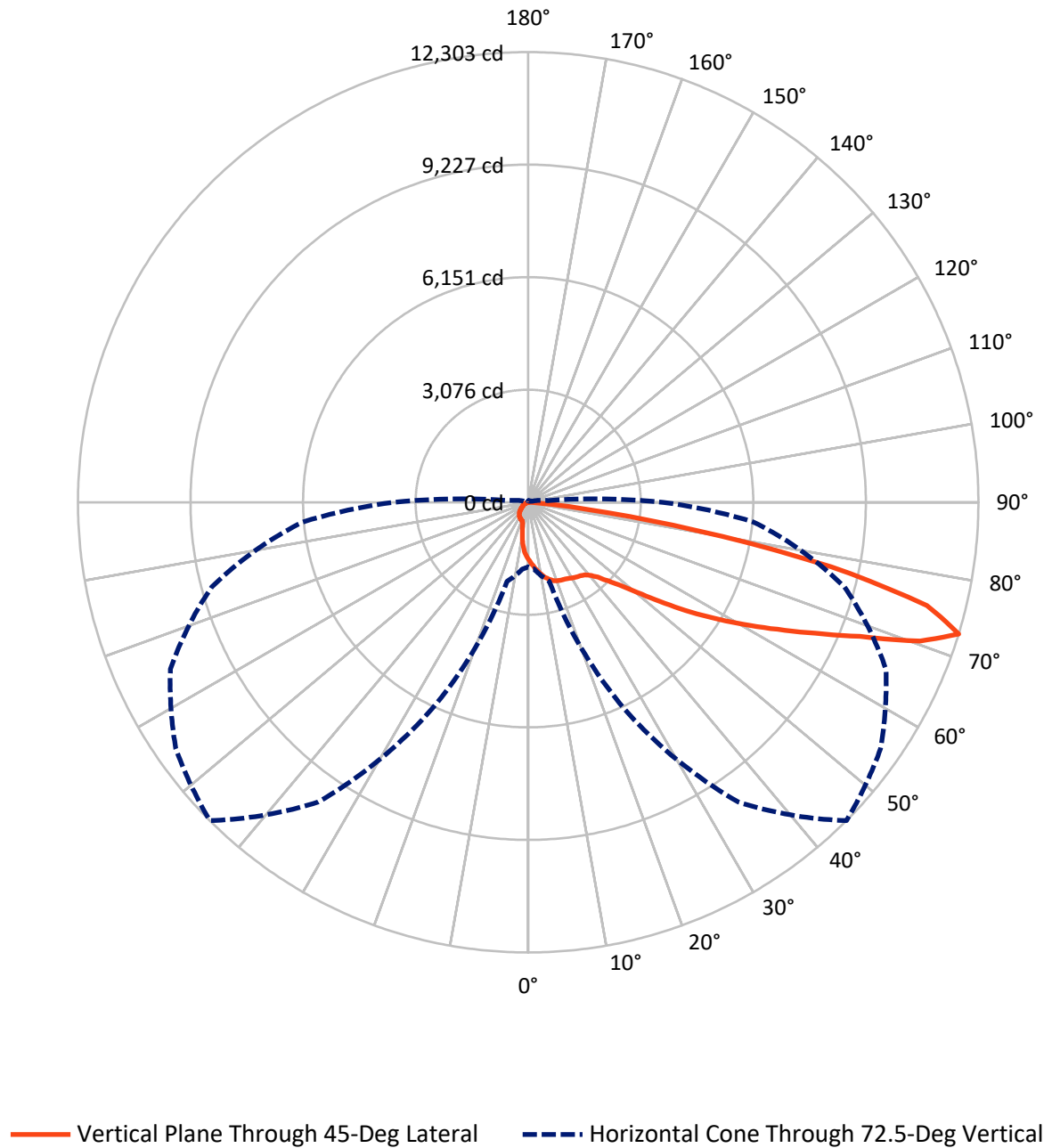


Based on 25 foot mounting height. Maximum calculated value = 3.4 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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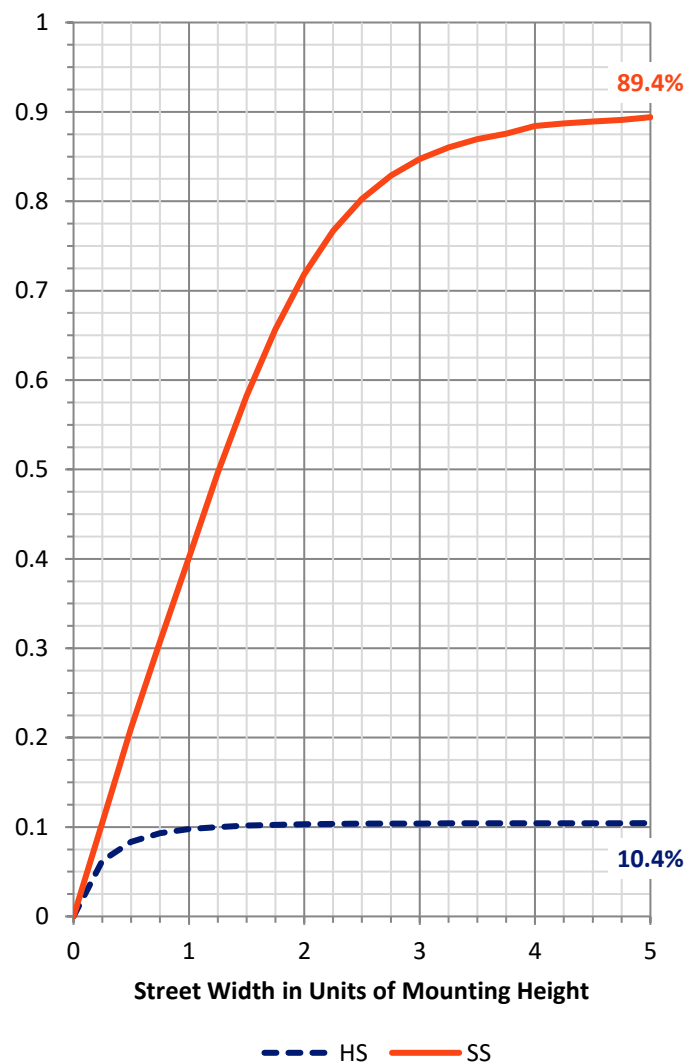
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1502.3	0.0	1502.3
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	12795.7	0.0	12795.7
	% Fixture	89.5	0.0	89.5
Total	Lumens	14298.0	0.0	14298.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	147.6	1.0
10°-20°	431.3	3.0
20°-30°	708.3	5.0
30°-40°	1004.5	7.0
40°-50°	1660.4	11.6
50°-60°	2982.7	20.9
60°-70°	4141.7	29.0
70°-80°	3004.2	21.0
80°-90°	217.2	1.5
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°	14298.0	100.0
0°-180°	14298.0	100.0

Coefficient of Utilization



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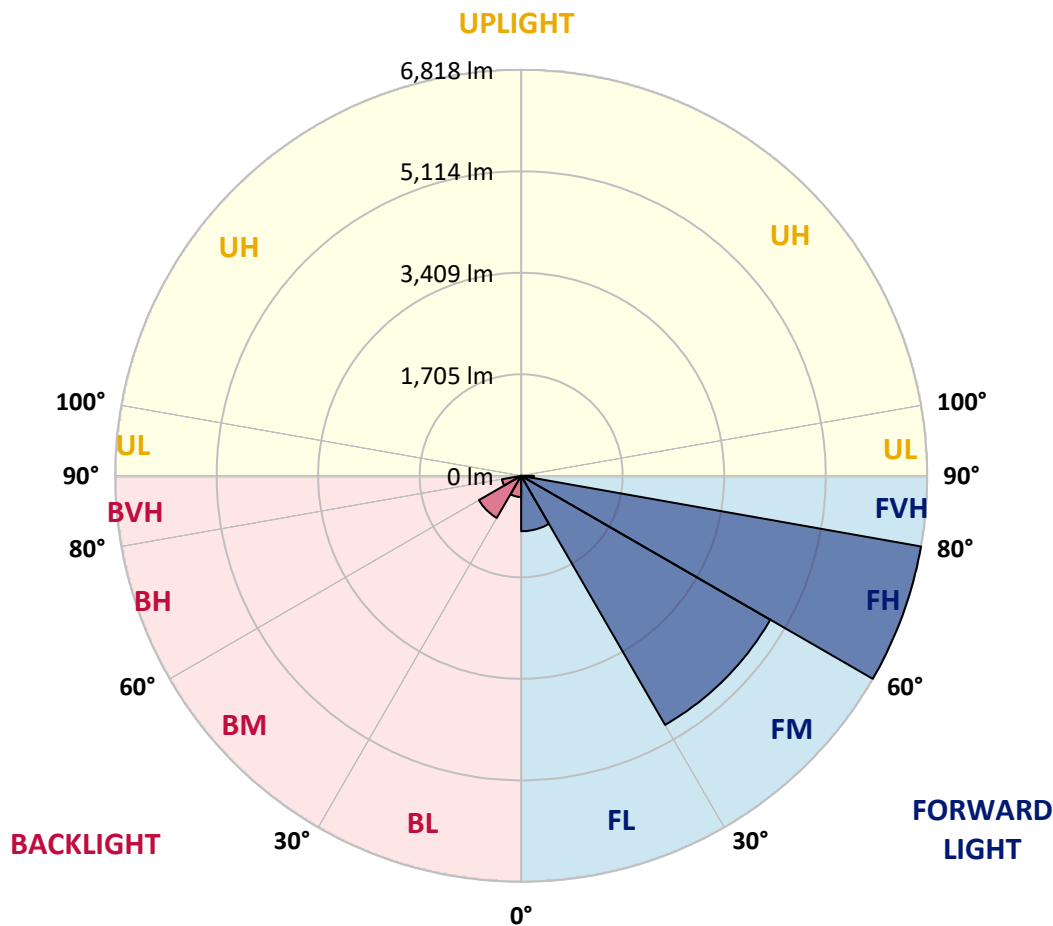
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	931.4	6.5			
FM	(30°-60°)	4830.6	33.8			
FH	(60°-80°)	6818.3	47.7			G3/7500
FVH	(80°-90°)	215.4	1.5			G2/225
BL	(0°-30°)	355.8	2.5	B1/500		
BM	(30°-60°)	817.1	5.7	B1/1000		
BH	(60°-80°)	327.6	2.3	B1/500		G1/500
BVH	(80°-90°)	1.8	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°
0°	1566.4	1566.4	1566.4	1566.4	1566.4	1566.4	1566.4	1566.4	1566.4	1566.4
2.5°	1710.8	1713.7	1711.8	1700.1	1680.6	1669.8	1664.0	1644.5	1631.8	1609.3
5°	1867.9	1879.7	1872.8	1849.4	1812.3	1786.0	1778.2	1738.1	1702.0	1660.1
7.5°	2034.8	2040.7	2028.0	1997.7	1948.0	1903.1	1896.2	1840.6	1783.0	1718.6
10°	2179.3	2186.1	2166.6	2122.7	2066.1	2010.4	2000.7	1939.2	1870.9	1791.8
12.5°	2300.3	2307.1	2281.7	2229.0	2166.6	2109.0	2099.2	2034.8	1959.7	1871.8
15°	2392.0	2404.7	2370.5	2313.9	2246.6	2189.0	2184.1	2120.7	2047.5	1949.9
17.5°	2445.7	2458.4	2426.2	2357.9	2300.3	2251.5	2245.6	2192.9	2124.6	2030.9
20°	2454.5	2466.2	2432.0	2372.5	2324.7	2285.6	2282.7	2244.7	2194.9	2105.1
22.5°	2428.1	2442.8	2411.5	2363.7	2330.5	2310.0	2306.1	2284.7	2256.4	2180.2
25°	2400.8	2412.5	2389.1	2347.1	2329.6	2327.6	2330.5	2326.6	2320.8	2256.4
27.5°	2398.8	2411.5	2385.2	2345.2	2335.4	2355.9	2358.8	2377.4	2382.3	2325.7
30°	2415.4	2424.2	2398.8	2356.9	2352.0	2398.8	2399.8	2433.0	2440.8	2384.2
32.5°	2451.5	2461.3	2435.9	2374.5	2367.6	2433.0	2435.9	2479.9	2492.5	2446.7
35°	2536.5	2548.2	2518.9	2423.2	2398.8	2465.2	2474.0	2525.7	2551.1	2513.0
37.5°	2748.2	2714.1	2674.1	2521.8	2470.1	2516.0	2530.6	2591.1	2636.0	2592.1
40°	3274.3	3166.9	3042.0	2689.7	2595.0	2624.3	2636.0	2696.5	2758.0	2715.1
42.5°	4063.8	3936.9	3735.9	3076.1	2783.4	2798.0	2806.8	2859.5	2946.3	2912.2
45°	4767.4	4721.6	4516.6	3735.9	3135.7	3063.5	3074.2	3101.5	3229.4	3216.7
47.5°	5308.1	5281.8	5123.7	4493.2	3731.0	3388.4	3418.7	3431.4	3615.8	3660.7
50°	5723.9	5714.1	5572.6	5166.6	4508.8	3867.6	3878.4	3851.0	4127.2	4238.5
52.5°	6116.2	6149.4	6044.9	5792.2	5339.3	4495.2	4493.2	4364.4	4737.2	4905.1
55°	6470.5	6482.2	6492.9	6430.4	6174.7	5209.5	5191.0	4980.2	5444.7	5618.5
57.5°	6803.2	6808.1	6903.8	7031.6	7044.3	5976.6	5942.5	5689.7	6217.7	6341.6
60°	7026.7	7049.2	7251.2	7606.4	7761.6	6768.1	6749.6	6491.9	7004.3	7061.9
62.5°	6704.7	6841.3	7350.7	8055.4	8438.9	7645.5	7636.7	7394.7	7831.9	7785.0
65°	5427.2	5658.5	6554.4	8358.9	9103.5	8625.3	8638.0	8380.4	8681.9	8529.7
67.5°	3796.4	4040.4	5100.2	8383.3	9846.2	9775.9	9849.1	9445.1	9584.7	9243.1
70°	2625.3	2751.2	3441.1	7858.2	10424.9	11360.9	11358.9	10752.9	10482.5	9568.1
72.5°	1765.5	1830.9	2234.9	6234.3	9999.4	12302.6	12246.0	11752.2	10785.1	8948.4
75°	744.6	792.5	1034.5	3503.6	7910.9	11255.5	11102.2	10385.9	9582.7	7046.3
77.5°	236.2	256.7	407.9	1254.1	4357.6	8460.4	8298.4	6486.1	6422.6	3534.8
80°	112.2	130.8	229.3	503.6	1714.7	4601.5	4579.1	2942.4	2762.9	954.5
82.5°	48.8	57.6	126.9	269.4	767.1	1641.5	1674.7	1001.3	828.6	362.1
85°	15.6	20.5	58.6	123.9	324.0	407.9	403.1	238.1	333.8	197.1
87.5°	0.0	0.0	19.5	28.3	33.2	23.4	26.4	20.5	92.7	54.7
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°
1566.4	0°	1566.4	1566.4	1566.4	1566.4	1566.4	1566.4	1566.4	1566.4	1566.4	1566.4
1585.9	2.5°	1574.2	1558.6	1531.2	1505.9	1483.4	1461.0	1447.3	1427.8	1425.8	1425.8
1611.3	5°	1584.9	1559.5	1510.7	1459.0	1399.5	1342.9	1286.3	1231.6	1214.1	1201.4
1652.3	7.5°	1616.1	1576.1	1499.0	1400.5	1287.3	1163.3	1076.5	982.8	946.7	927.1
1706.9	10°	1661.0	1606.4	1489.3	1316.5	1133.1	964.2	840.3	738.8	699.7	683.2
1766.4	12.5°	1710.8	1643.5	1471.7	1212.1	964.2	762.2	641.2	594.3	588.5	588.5
1837.7	15°	1770.3	1688.4	1441.5	1089.1	787.6	603.1	560.2	562.1	568.0	571.9
1907.0	17.5°	1831.8	1736.2	1393.6	951.5	631.4	542.6	543.6	546.5	551.4	555.3
1982.1	20°	1898.2	1784.0	1330.2	805.1	541.6	525.1	528.0	530.9	534.8	536.8
2052.4	22.5°	1969.4	1828.9	1255.1	661.7	511.4	510.4	511.4	514.3	519.2	519.2
2134.4	25°	2045.6	1878.7	1169.2	557.3	495.8	495.8	497.7	499.7	503.6	503.6
2213.4	27.5°	2123.6	1924.5	1078.4	502.6	482.1	481.1	481.1	484.1	486.0	487.0
2291.5	30°	2209.5	1978.2	987.6	490.9	471.4	466.5	463.6	465.5	467.5	468.4
2373.5	32.5°	2297.4	2029.9	906.6	495.8	460.6	451.9	442.1	440.1	440.1	444.1
2458.4	35°	2394.9	2086.5	844.2	512.4	454.8	430.4	414.8	406.0	407.0	412.8
2559.9	37.5°	2512.1	2154.9	798.3	527.0	450.9	406.0	380.6	369.9	363.0	369.9
2699.4	40°	2665.3	2255.4	765.1	538.7	446.0	377.7	343.5	326.0	313.3	317.2
2916.1	42.5°	2890.7	2413.5	752.4	539.7	435.3	344.5	305.5	282.0	263.5	264.5
3242.1	45°	3206.9	2663.3	817.8	527.0	411.8	308.4	265.5	234.2	222.5	219.6
3729.0	47.5°	3640.2	3027.4	969.1	500.7	377.7	273.3	226.4	200.1	191.3	186.4
4368.3	50°	4220.9	3494.8	1137.0	471.4	343.5	240.1	194.2	177.6	171.8	166.9
5126.6	52.5°	4894.3	3969.1	1274.6	442.1	309.4	210.8	173.7	164.0	159.1	155.2
5858.5	55°	5512.1	4296.1	1266.8	410.9	276.2	187.4	159.1	153.2	147.4	143.5
6489.0	57.5°	5896.6	4341.9	1044.3	376.7	238.1	168.8	145.4	141.5	134.7	129.8
7034.5	60°	6073.2	4080.4	732.0	331.8	200.1	151.3	130.8	128.8	120.0	113.2
7550.8	62.5°	6105.5	3594.4	488.0	276.2	166.9	134.7	116.1	113.2	101.5	89.8
7970.5	65°	5974.7	2899.5	337.7	215.7	142.5	117.1	99.5	93.7	81.0	69.3
8070.0	67.5°	5560.9	2035.8	235.2	155.2	121.0	92.7	79.1	77.1	67.3	57.6
7562.5	70°	4802.6	1160.4	157.1	116.1	95.6	63.4	62.5	64.4	54.7	46.8
6178.6	72.5°	3682.2	530.9	97.6	84.9	65.4	42.9	49.8	50.7	42.0	35.1
3854.9	75°	2167.6	227.4	61.5	54.7	33.2	28.3	36.1	37.1	28.3	22.4
1409.3	77.5°	737.8	85.9	39.0	32.2	16.6	15.6	23.4	23.4	15.6	8.8
283.0	80°	167.9	32.2	19.5	12.7	7.8	6.8	7.8	6.8	3.9	1.0
86.9	82.5°	47.8	12.7	7.8	4.9	2.9	2.9	1.0	0.0	0.0	0.0
30.3	85°	13.7	5.9	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	87.5°	5.9	1.0	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

(END O

180°
1566.4
1430.7
1207.2
930.1
683.2
588.5
571.9
555.3
537.7
521.1
504.6
488.0
470.4
447.0
415.7
367.9
315.2
260.6
215.7
183.5
165.9
154.2
141.5
128.8
111.3
83.9
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54.7
42.9
31.2
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