

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: P847056

Luminaire Tested: **GLAN-SB3A-722-U-T2**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847056
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-3)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3A-722-U-T2
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10428 lumens
Efficiency: N/A
Efficacy: 123.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

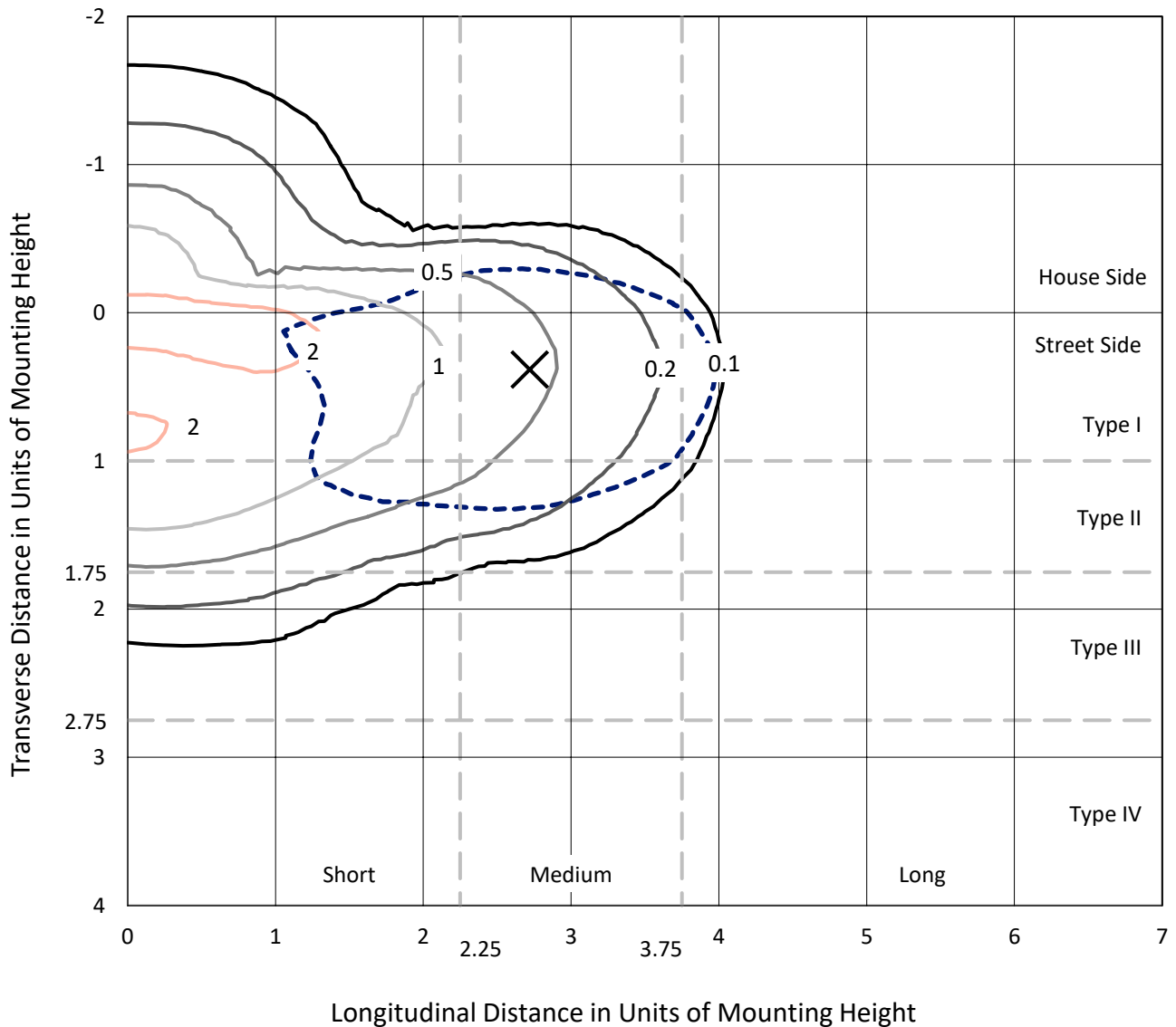
Input Watts (W): 84.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

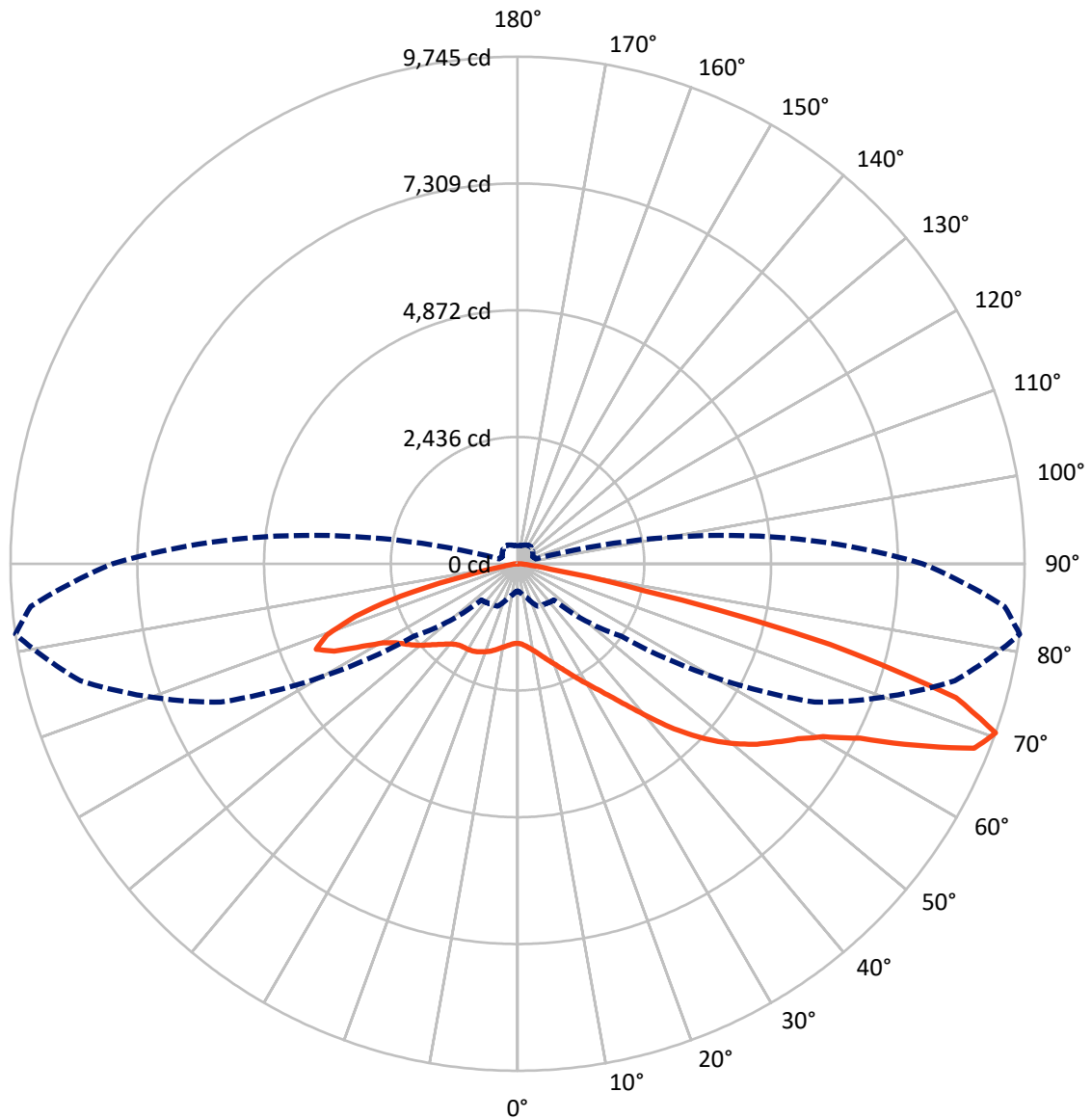
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.8 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 82-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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 CATALOG NUMBER: GLAN-SB3A-722-U-T2

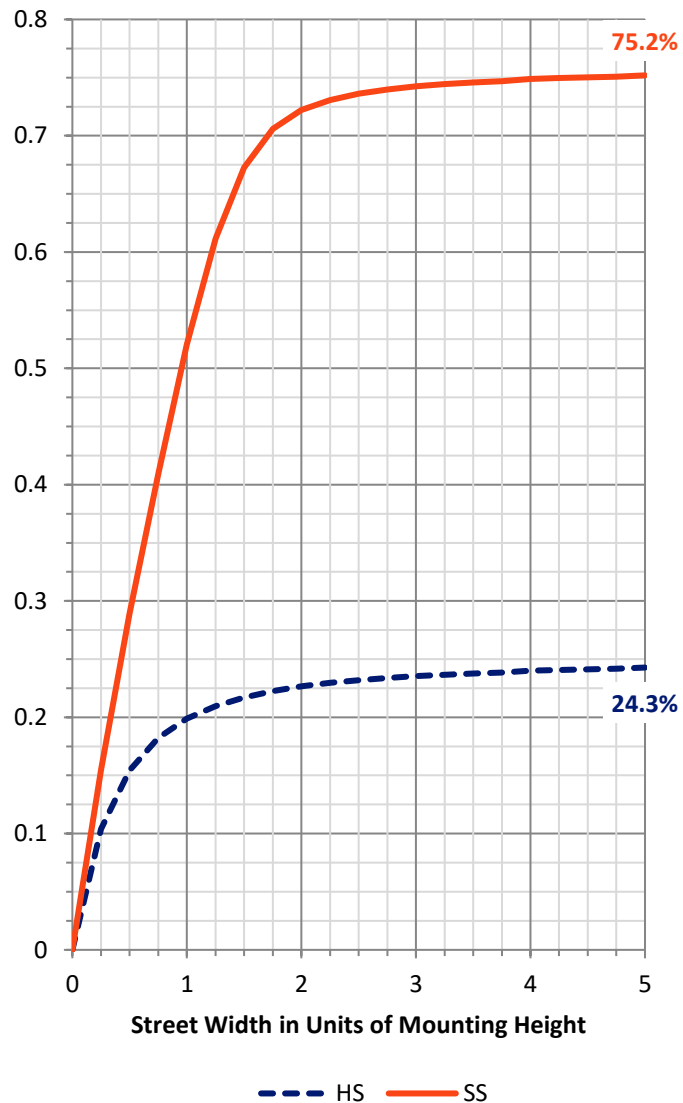
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2570.8	0.0	2570.8
	% Fixture	24.7	0.0	24.7
Street Side	Lumens	7857.2	0.0	7857.2
	% Fixture	75.3	0.0	75.3
Total	Lumens	10428.0	0.0	10428.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.4	1.4
10°-20°	414.7	4.0
20°-30°	693.8	6.7
30°-40°	1083.9	10.4
40°-50°	1726.3	16.6
50°-60°	2402.3	23.0
60°-70°	2512.9	24.1
70°-80°	1313.4	12.6
80°-90°	136.4	1.3
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°	10428.0	100.0
0°-180°	10428.0	100.0

Coefficient of Utilization

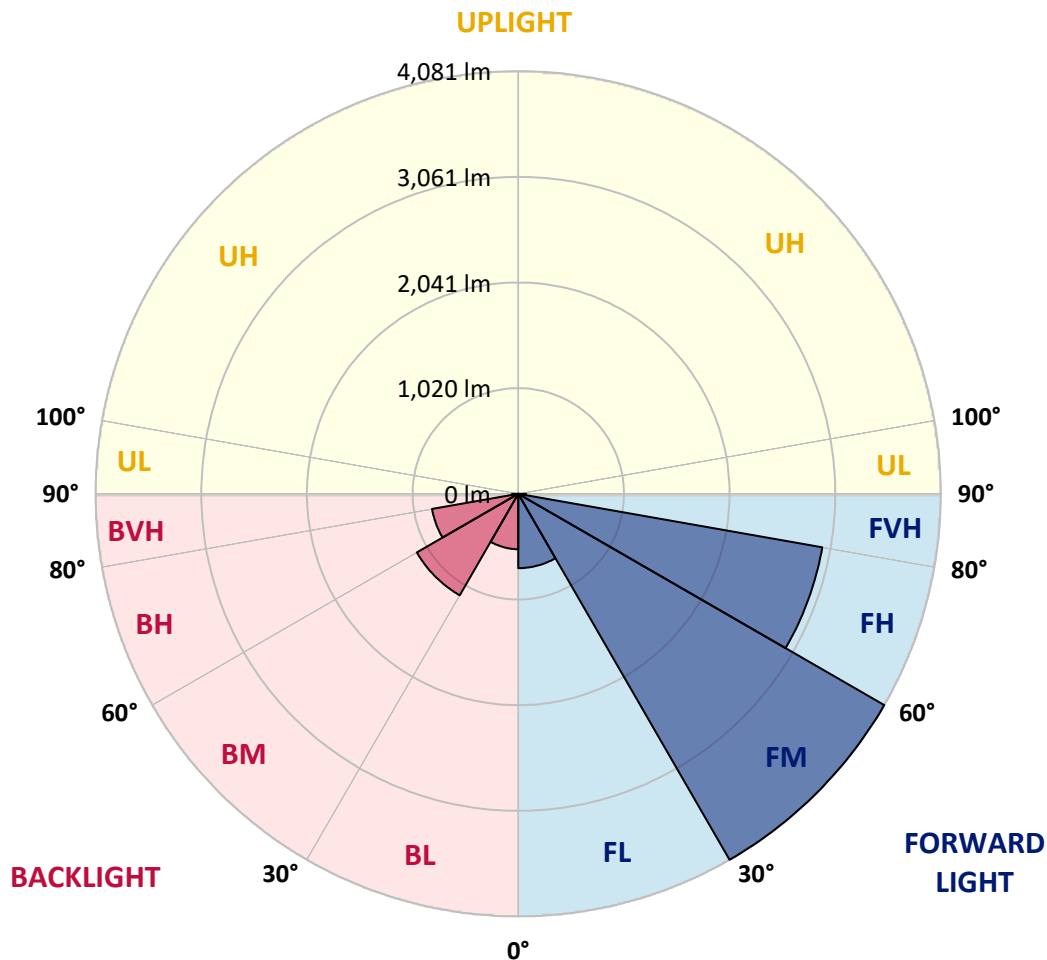


REPORT NUMBER: P847056
 CATALOG NUMBER: GLAN-SB3A-722-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	718.1	6.9			
FM (30°-60°)	4081.4	39.1			
FH (60°-80°)	2981.4	28.6			G2/5000
FVH (80°-90°)	76.3	0.7			G1/100
BL (0°-30°)	534.8	5.1	B2/1000		
BM (30°-60°)	1131.0	10.8	B2/2500		
BH (60°-80°)	844.9	8.1	B2/1000		G2/1000
BVH (80°-90°)	60.0	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
 Type II Medium



REPORT NUMBER: P847056
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	1528.9	1528.9	1528.9	1528.9	1528.9	1528.9	1528.9	1528.9	1528.9	1528.9
2.5°	1565.4	1574.2	1571.5	1568.7	1568.7	1564.8	1564.3	1558.8	1554.3	1547.1
5°	1585.3	1594.7	1593.6	1595.8	1603.0	1604.7	1606.3	1603.0	1594.2	1585.3
7.5°	1567.6	1578.1	1581.4	1594.7	1616.9	1636.8	1651.7	1657.8	1649.5	1636.8
10°	1507.8	1519.5	1531.1	1562.6	1601.9	1648.9	1688.8	1712.6	1710.9	1698.8
12.5°	1386.7	1398.8	1423.7	1485.2	1557.1	1640.1	1714.2	1764.0	1781.2	1772.3
15°	1289.8	1300.3	1319.2	1382.2	1475.8	1601.9	1723.7	1820.5	1864.2	1859.2
17.5°	1287.1	1291.5	1303.1	1333.0	1404.9	1542.2	1713.7	1875.8	1959.4	1958.8
20°	1335.8	1337.4	1344.1	1350.1	1391.1	1496.8	1688.2	1921.7	2066.2	2066.2
22.5°	1403.3	1402.2	1408.8	1403.3	1423.2	1492.9	1672.2	1962.1	2185.1	2194.0
25°	1504.5	1499.0	1497.3	1484.6	1488.5	1528.9	1689.9	2008.1	2326.2	2344.5
27.5°	1639.5	1630.7	1624.6	1595.3	1585.3	1603.0	1744.1	2063.4	2483.4	2514.9
30°	1815.5	1799.5	1790.6	1739.7	1703.7	1706.5	1826.0	2137.0	2647.7	2698.6
32.5°	2055.7	2030.8	2007.0	1923.4	1857.6	1836.0	1931.7	2238.8	2825.9	2907.2
35°	2324.6	2304.7	2279.2	2150.3	2049.0	1999.2	2074.5	2381.0	3034.5	3163.4
37.5°	2583.5	2566.4	2578.6	2404.8	2274.2	2201.7	2261.5	2571.9	3291.8	3482.2
40°	2851.4	2838.1	2839.7	2673.7	2521.6	2440.2	2488.4	2811.5	3586.7	3861.2
42.5°	3142.4	3132.5	3099.3	2952.1	2781.1	2705.3	2749.5	3088.2	3903.3	4292.8
45°	3468.3	3462.2	3431.3	3262.5	3066.6	2981.4	3041.2	3393.6	4221.4	4699.0
47.5°	3750.0	3755.0	3751.1	3608.9	3405.8	3280.7	3352.1	3712.4	4517.5	5080.8
50°	3885.5	3911.6	3949.7	3905.5	3779.3	3652.0	3665.9	4020.0	4799.7	5438.8
52.5°	3814.7	3864.0	3968.0	4038.8	4087.5	4061.0	4023.9	4325.4	5065.3	5761.9
55°	3550.8	3619.9	3792.6	3963.6	4212.0	4405.1	4453.8	4664.1	5324.2	6046.3
57.5°	3069.9	3182.3	3337.2	3683.0	4101.3	4571.7	4955.1	5133.9	5598.7	6350.1
60°	2245.4	2396.0	2588.5	3103.1	3714.0	4482.6	5381.8	5855.4	5988.8	6743.5
62.5°	1437.0	1530.0	1707.1	2191.8	2894.0	4026.1	5512.4	6757.4	6650.0	7388.7
65°	983.8	1043.6	1205.7	1478.0	1870.8	2996.9	5162.7	7433.6	7700.3	8411.3
67.5°	714.9	760.3	898.6	1137.1	1219.0	1773.5	4006.2	7402.6	8721.2	9464.9
70°	521.2	553.3	669.5	898.6	937.9	986.6	2426.9	6292.6	8699.0	9744.9
72.5°	386.2	408.4	486.4	697.2	759.2	666.2	1201.3	4573.3	7475.1	8814.1
75°	279.4	296.0	353.6	533.4	607.6	507.4	599.3	2672.6	5214.1	6200.2
77.5°	213.6	226.3	263.9	390.7	486.4	380.7	371.8	1229.5	2472.3	2484.5
80°	171.5	179.8	200.3	275.0	373.0	285.0	242.4	496.3	781.3	661.2
82.5°	126.2	140.0	169.3	193.1	266.7	196.4	147.7	250.7	297.1	255.6
85°	71.9	81.3	102.4	138.3	170.4	120.1	84.7	111.2	138.3	113.4
87.5°	25.5	33.2	36.0	54.2	74.1	49.8	32.6	32.1	45.4	33.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P847056
 CATALOG NUMBER: GLAN-SB3A-722-U-T2

CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
1528.9	0°	1528.9	1528.9	1528.9	1528.9	1528.9	1528.9	1528.9	1528.9	1528.9	1528.9
1545.5	2.5°	1539.9	1537.2	1526.1	1511.2	1495.7	1480.7	1475.8	1465.2	1458.0	1454.2
1581.4	5°	1570.9	1562.1	1536.1	1502.9	1468.0	1430.4	1403.8	1379.5	1361.8	1345.2
1630.7	7.5°	1615.2	1599.7	1554.9	1496.8	1434.8	1372.3	1325.8	1290.4	1266.6	1251.1
1688.2	10°	1666.7	1642.9	1574.2	1487.4	1391.6	1302.0	1247.2	1216.8	1201.9	1193.6
1754.1	12.5°	1725.9	1692.1	1594.2	1465.8	1325.8	1223.4	1185.8	1177.0	1177.5	1178.1
1837.1	15°	1798.9	1751.9	1610.2	1418.8	1240.0	1163.1	1156.5	1170.9	1185.8	1193.0
1931.2	17.5°	1881.4	1815.0	1613.0	1341.3	1155.9	1124.4	1145.4	1176.4	1199.1	1209.0
2036.3	20°	1969.9	1879.1	1593.1	1231.7	1086.8	1092.8	1130.5	1170.3	1195.2	1207.9
2156.4	22.5°	2071.1	1947.8	1545.5	1116.6	1030.3	1058.5	1102.8	1141.5	1167.5	1180.3
2297.5	25°	2186.8	2024.7	1470.8	1019.8	981.6	1019.8	1064.1	1096.2	1117.2	1128.8
2455.2	27.5°	2315.2	2104.9	1371.2	942.9	939.0	980.0	1016.5	1041.4	1052.5	1061.3
2622.8	30°	2444.1	2177.9	1250.5	884.8	901.9	940.7	966.7	977.7	981.1	982.7
2809.9	32.5°	2583.5	2241.0	1123.8	836.6	866.5	902.5	918.0	923.0	907.5	897.0
3036.7	35°	2752.3	2308.5	999.9	798.5	831.7	862.7	867.6	863.2	844.9	823.4
3321.1	37.5°	2960.9	2392.6	900.8	771.4	799.0	819.5	813.4	812.3	814.0	788.5
3663.1	40°	3216.6	2502.2	828.3	750.3	772.5	776.9	759.7	769.1	777.4	738.7
4038.3	42.5°	3500.4	2634.4	782.4	735.9	750.3	739.8	713.3	723.8	722.7	671.8
4415.1	45°	3789.8	2778.3	766.4	725.4	729.9	708.8	679.5	682.3	659.0	613.1
4776.4	47.5°	4077.6	2932.7	776.3	716.6	704.4	680.6	657.9	645.7	611.4	577.1
5122.8	50°	4359.8	3094.8	812.9	698.9	669.5	655.7	639.1	617.5	581.0	551.7
5450.4	52.5°	4621.5	3258.1	853.8	669.5	625.8	634.1	623.6	598.7	562.7	532.9
5760.3	55°	4869.4	3421.3	869.8	629.1	584.9	615.3	609.2	563.3	520.1	495.8
6084.5	57.5°	5139.4	3617.7	852.1	577.7	551.7	593.7	570.5	519.6	494.7	476.4
6506.7	60°	5513.5	3925.9	814.0	514.1	520.1	561.6	521.8	500.8	473.7	453.2
7139.7	62.5°	6134.9	4500.9	752.5	451.0	483.1	514.1	498.6	477.5	449.9	429.9
8222.1	65°	7053.4	5299.9	636.9	401.7	441.6	467.6	473.7	452.6	423.9	402.8
9170.5	67.5°	7828.1	5801.2	482.0	360.8	399.0	429.9	447.1	426.6	396.2	375.7
9392.4	70°	7785.5	5437.1	368.0	320.4	361.3	392.9	415.0	399.0	366.3	346.9
8531.4	72.5°	6915.1	4548.4	297.7	279.4	323.1	354.1	380.7	368.5	335.3	316.5
6250.0	75°	5080.2	3228.7	237.9	237.9	275.6	313.7	343.1	335.3	304.9	291.6
2623.9	77.5°	2141.4	1354.6	186.5	197.5	229.1	269.5	306.0	308.8	282.2	298.8
693.9	80°	569.4	373.5	142.2	155.5	179.8	222.4	266.2	265.0	236.3	220.8
257.9	82.5°	216.9	147.2	101.3	109.6	130.0	170.4	210.8	217.5	188.7	163.2
101.3	85°	83.6	63.1	62.5	65.8	75.8	112.9	159.4	164.9	142.2	120.6
28.2	87.5°	21.6	18.8	23.2	22.1	34.9	60.3	91.3	94.6	86.9	50.4
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°
1528.9
1458.6
1351.8
1254.4
1195.8
1179.2
1192.4
1211.3
1211.3
1183.6
1132.1
1064.6
986.6
900.3
824.5
790.2
739.8
671.2
614.8
577.1
549.5
533.4
493.6
474.8
452.1
429.9
403.9
376.3
348.6
316.5
287.7
271.1
205.3
163.2
124.5
71.9
0.0

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