

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: P847228

Luminaire Tested: **GLAN-SB3B-722-U-T3**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P847228  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/26/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3B-722-U-T3  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13221 lumens  
Efficiency: N/A  
Efficacy: 121.1 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B2 - U0 - G2

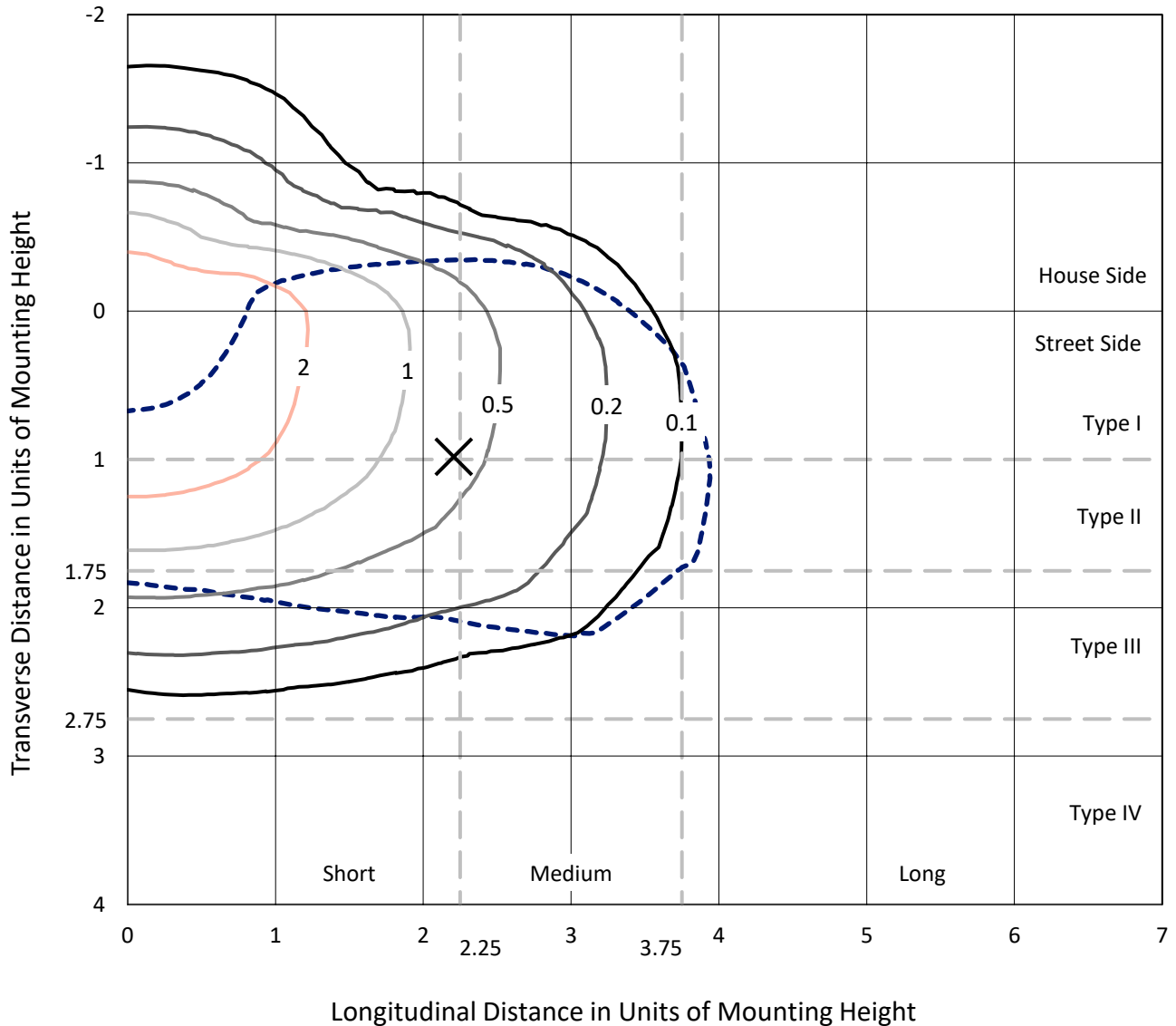
Input Watts (W): 109.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

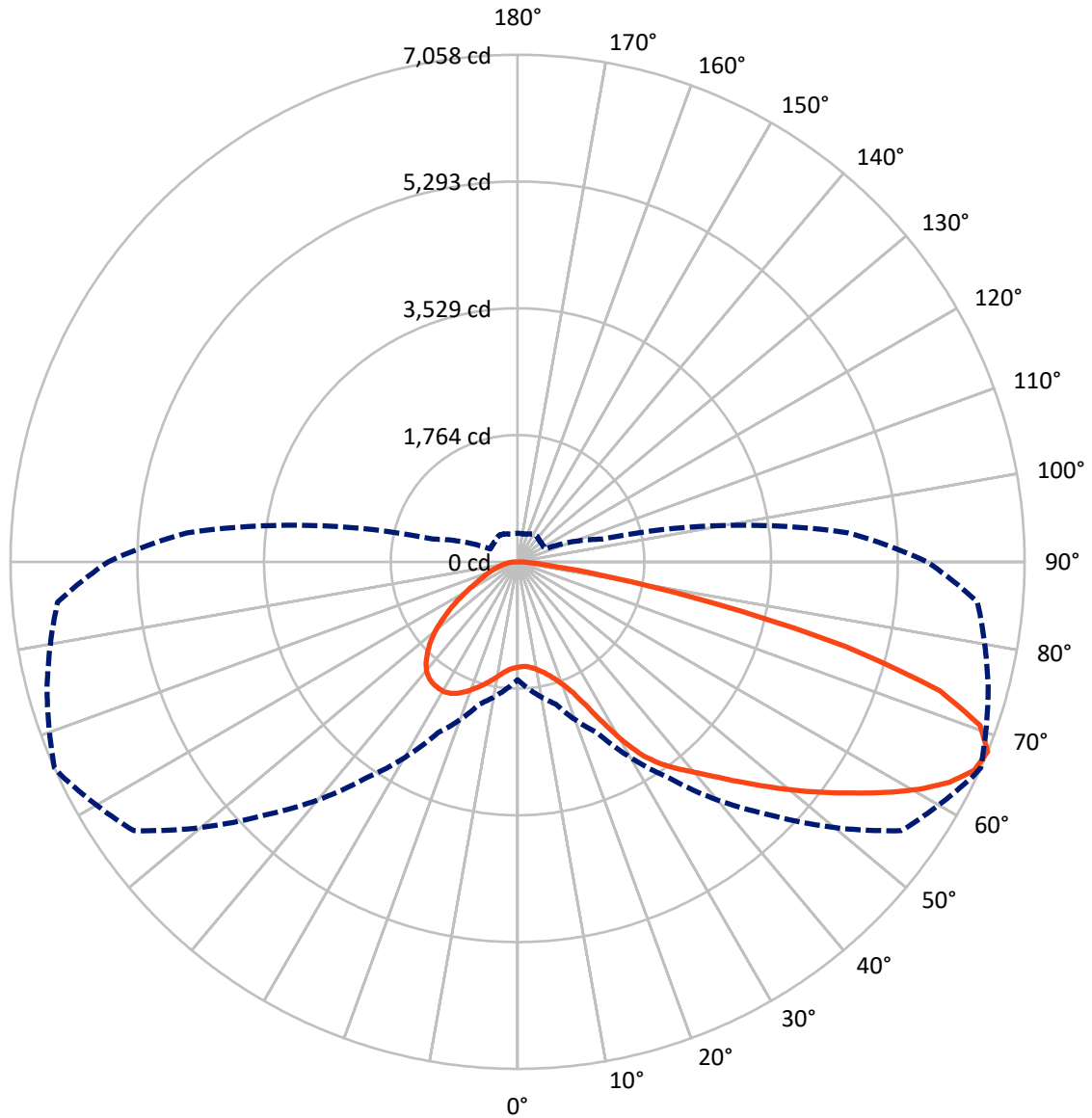
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.3 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical

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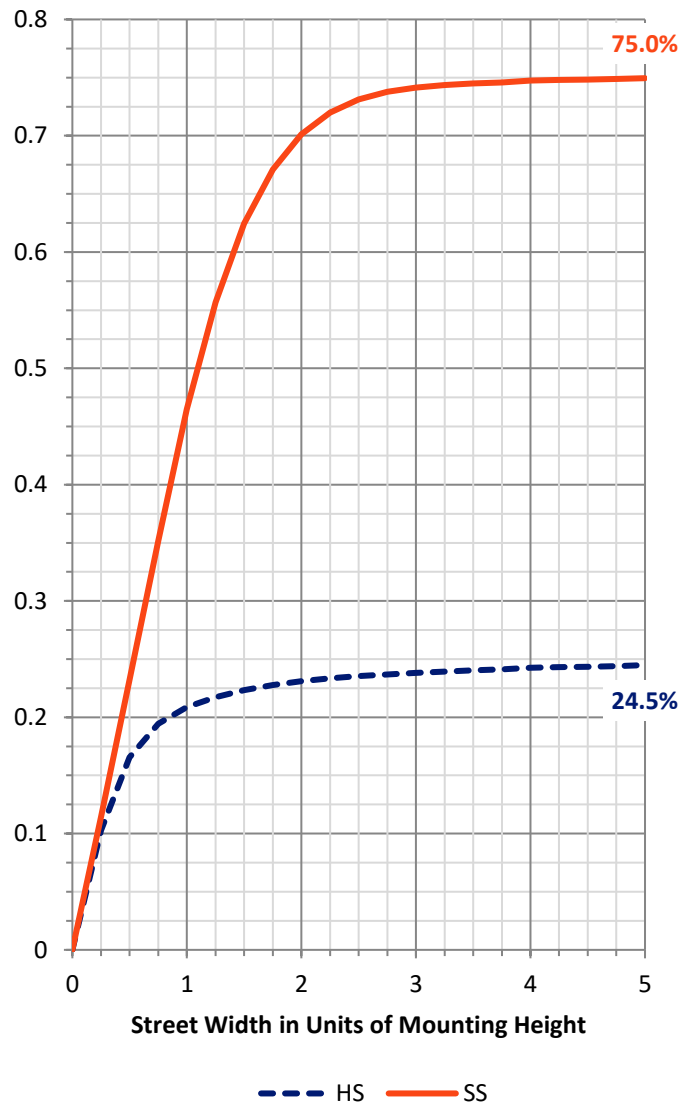
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3287.4	0.0	3287.4
	% Fixture	24.9	0.0	24.9
<b>Street Side</b>	Lumens	9933.6	0.0	9933.6
	% Fixture	75.1	0.0	75.1
<b>Total</b>	Lumens	13221.0	0.0	13221.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	145.4	1.1
10°-20°	480.3	3.6
20°-30°	925.8	7.0
30°-40°	1623.3	12.3
40°-50°	2413.3	18.3
50°-60°	3059.1	23.1
60°-70°	2993.3	22.6
70°-80°	1427.8	10.8
80°-90°	152.6	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°	13221.0	100.0
0°-180°	13221.0	100.0

**Coefficient of Utilization**



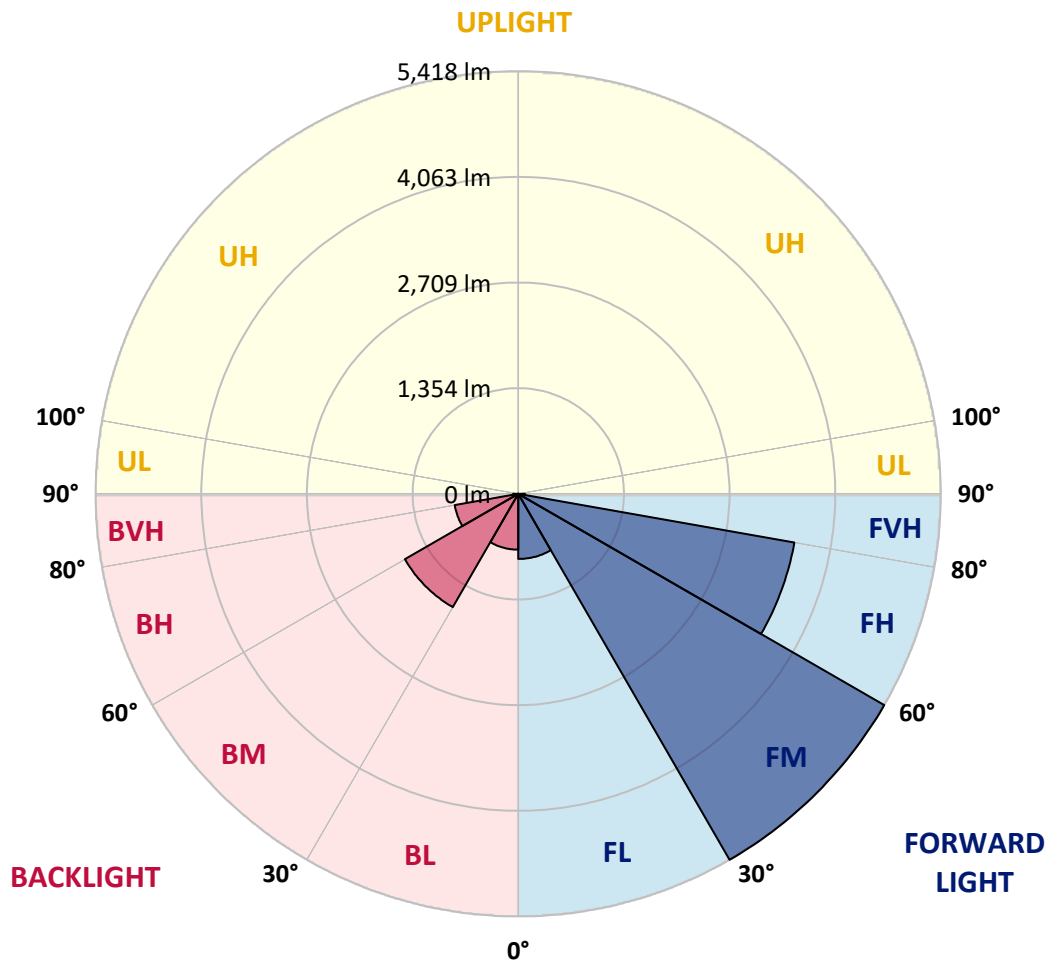
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	835.4	6.3			
FM (30°-60°)	5417.9	41.0			
FH (60°-80°)	3593.8	27.2			G2/5000
FVH (80°-90°)	86.5	0.7			G1/100
BL (0°-30°)	716.1	5.4	B2/1000		
BM (30°-60°)	1677.9	12.7	B2/2500		
BH (60°-80°)	827.3	6.3	B2/1000		G2/1000
BVH (80°-90°)	66.1	0.5			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 III Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°
0°	1466.4	1466.4	1466.4	1466.4	1466.4	1466.4	1466.4	1466.4	1466.4	1466.4
2.5°	1451.1	1459.4	1457.4	1453.9	1453.2	1454.6	1456.7	1458.7	1458.0	1461.5
5°	1446.9	1455.3	1454.6	1454.6	1457.4	1462.9	1466.4	1469.9	1466.4	1470.6
7.5°	1449.7	1456.0	1458.7	1461.5	1468.5	1478.9	1487.2	1494.9	1490.7	1495.6
10°	1485.1	1490.0	1492.8	1492.8	1497.6	1509.5	1517.8	1531.7	1528.2	1535.8
12.5°	1549.7	1554.6	1554.6	1551.8	1555.3	1562.9	1565.7	1581.0	1574.7	1587.3
15°	1628.9	1638.7	1631.0	1626.2	1627.5	1635.2	1634.5	1646.3	1640.0	1650.5
17.5°	1716.5	1729.0	1716.5	1715.8	1713.0	1721.3	1722.0	1732.4	1721.3	1729.0
20°	1820.0	1837.3	1826.9	1830.4	1824.1	1827.6	1831.1	1846.4	1829.0	1834.5
22.5°	1965.8	1986.7	1975.6	1988.8	1984.6	1981.8	1981.1	2008.2	1981.1	1983.2
25°	2178.4	2203.4	2183.9	2202.0	2202.0	2211.0	2221.5	2256.2	2211.0	2197.8
27.5°	2492.4	2517.4	2479.2	2490.3	2486.8	2509.0	2497.9	2584.1	2535.4	2513.9
30°	2870.2	2914.7	2842.5	2839.7	2836.2	2871.6	2887.6	2944.6	2895.3	2873.7
32.5°	3278.7	3325.2	3239.1	3214.1	3200.9	3222.4	3209.2	3255.1	3221.0	3187.7
35°	3710.8	3756.6	3674.6	3626.0	3573.2	3528.1	3480.8	3492.6	3460.7	3410.0
37.5°	4119.2	4203.3	4116.4	4064.3	3967.1	3878.9	3746.9	3692.0	3662.1	3615.6
40°	4535.3	4583.2	4517.2	4472.8	4367.2	4229.0	4017.8	3901.8	3861.5	3816.3
42.5°	4841.6	4887.5	4852.1	4821.5	4738.8	4578.4	4305.4	4160.2	4101.8	4051.1
45°	5084.8	5118.8	5096.6	5107.7	5072.3	4916.7	4603.4	4437.4	4376.9	4315.1
47.5°	5182.7	5218.8	5254.3	5320.2	5380.7	5266.1	4923.6	4737.4	4673.5	4610.3
50°	5171.6	5208.4	5311.2	5451.5	5639.1	5600.9	5261.2	5057.0	4997.9	4925.7
52.5°	5082.7	5124.4	5256.3	5489.7	5788.4	5851.6	5605.0	5386.9	5331.4	5245.2
55°	4849.3	4874.3	5072.3	5402.9	5823.9	6026.7	5941.9	5738.4	5682.8	5562.7
57.5°	4416.5	4452.6	4740.9	5168.8	5734.9	6145.5	6237.9	6108.0	6054.5	5881.5
60°	3851.8	3909.4	4239.4	4775.6	5508.5	6144.8	6506.7	6471.3	6426.8	6195.5
62.5°	3212.7	3279.4	3596.8	4219.9	5112.5	5970.4	6674.8	6775.5	6752.6	6485.2
65°	2467.4	2513.2	2829.3	3501.0	4496.4	5596.0	6694.2	6983.2	6987.4	6705.4
67.5°	1642.8	1774.8	2049.2	2627.1	3671.2	4984.0	6523.4	7017.2	7057.5	6781.1
70°	801.6	975.3	1244.1	1707.4	2627.1	4045.6	6076.7	6738.0	6827.6	6560.2
72.5°	332.7	389.0	535.6	842.6	1508.1	2729.9	5179.2	5980.8	6146.9	5812.7
75°	224.4	243.1	306.3	432.1	687.0	1346.2	3735.1	4459.6	4727.0	4390.1
77.5°	173.0	184.8	223.0	302.2	408.4	509.2	1999.2	2687.6	2825.8	2616.0
80°	136.1	145.2	166.7	220.2	289.7	272.3	681.4	1217.7	1297.6	1088.5
82.5°	118.1	121.6	119.5	149.3	192.4	159.1	223.7	449.4	496.0	359.8
85°	85.4	95.2	99.3	92.4	102.1	80.6	91.7	159.1	175.0	156.3
87.5°	34.7	51.4	63.2	59.7	37.5	22.9	28.5	46.5	53.5	58.3
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°
1466.4	0°	1466.4	1466.4	1466.4	1466.4	1466.4	1466.4	1466.4	1466.4	1466.4	1466.4
1467.1	2.5°	1467.8	1472.6	1476.1	1480.3	1483.1	1487.2	1495.6	1500.4	1501.1	1504.6
1478.2	5°	1481.0	1487.9	1495.6	1506.7	1519.2	1529.6	1545.6	1556.7	1560.9	1564.3
1505.3	7.5°	1509.5	1519.2	1533.1	1552.5	1570.6	1584.5	1603.9	1617.1	1630.3	1635.2
1548.4	10°	1551.8	1565.7	1585.9	1612.3	1631.7	1649.8	1669.9	1681.0	1694.2	1699.8
1599.8	12.5°	1604.6	1619.2	1645.6	1682.4	1700.5	1713.0	1719.9	1717.1	1719.9	1724.8
1661.6	15°	1665.1	1681.0	1710.9	1750.5	1763.0	1751.9	1736.6	1722.7	1720.6	1722.0
1736.6	17.5°	1736.6	1748.4	1783.1	1816.5	1807.5	1761.6	1728.3	1706.0	1694.9	1691.4
1832.5	20°	1836.6	1836.6	1865.1	1885.9	1825.5	1747.7	1695.6	1659.5	1636.6	1626.8
1963.1	22.5°	1958.2	1947.1	1965.1	1950.5	1822.0	1708.8	1636.6	1574.1	1539.3	1525.4
2145.7	25°	2112.4	2099.2	2094.3	2004.0	1797.0	1647.0	1529.6	1453.9	1423.3	1415.7
2409.0	27.5°	2345.1	2311.8	2248.5	2033.2	1751.2	1549.7	1404.6	1334.4	1317.0	1317.7
2747.3	30°	2654.9	2588.2	2433.3	2038.1	1676.2	1412.2	1276.7	1226.7	1218.4	1221.9
3031.4	32.5°	2941.8	2878.6	2622.3	2015.8	1560.9	1277.4	1162.1	1128.8	1116.3	1120.5
3248.1	35°	3166.9	3149.5	2797.3	1984.6	1419.1	1151.0	1059.3	1030.8	1006.5	1001.0
3452.4	37.5°	3379.4	3372.5	2928.6	1940.8	1278.8	1061.4	976.7	939.2	903.7	884.3
3678.1	40°	3612.8	3605.9	3014.7	1873.4	1154.5	983.6	902.3	853.0	809.3	773.8
3933.7	42.5°	3875.4	3834.4	3055.7	1776.9	1048.9	917.6	841.9	775.2	717.6	684.9
4222.7	45°	4162.3	4069.9	3055.0	1653.9	960.0	857.2	777.3	682.8	629.3	598.8
4519.3	47.5°	4466.5	4295.0	3017.5	1517.8	873.9	790.5	677.3	605.0	569.6	550.8
4841.6	50°	4780.5	4505.4	2953.6	1361.5	785.6	714.8	614.8	565.4	538.3	521.0
5161.2	52.5°	5075.7	4696.5	2876.5	1184.4	696.0	641.2	587.0	548.8	520.3	500.8
5471.0	55°	5350.1	4861.1	2767.4	1003.1	623.1	591.8	573.8	541.8	509.2	486.2
5785.7	57.5°	5593.9	4968.1	2579.2	832.9	571.0	557.8	559.9	530.0	492.5	473.0
6095.5	60°	5796.8	5046.6	2300.6	675.2	528.6	524.5	538.3	507.8	464.0	441.8
6357.3	62.5°	5918.3	5045.2	1958.9	552.9	492.5	493.9	509.9	480.0	435.5	414.7
6494.2	65°	5907.9	4921.5	1583.8	473.0	457.8	459.2	480.0	449.4	411.9	399.4
6425.4	67.5°	5698.8	4620.0	1214.9	421.0	419.6	425.8	450.1	428.6	397.3	395.9
6015.6	70°	5132.7	3994.2	875.2	379.3	380.0	389.0	421.0	415.4	389.7	392.5
5057.7	72.5°	4115.7	3045.3	587.7	335.5	336.2	350.8	393.2	405.0	382.1	418.9
3588.5	75°	2741.0	1899.1	377.9	289.0	289.7	308.4	368.9	384.8	361.2	417.5
1867.2	77.5°	1317.0	853.7	273.7	243.1	243.1	260.5	318.8	344.5	307.7	324.4
600.2	80°	455.0	320.9	215.3	195.9	191.7	203.5	268.8	298.7	265.4	244.5
195.9	82.5°	179.2	166.7	173.0	152.1	138.2	145.9	209.1	246.6	195.2	176.4
110.4	85°	102.8	108.4	122.3	100.7	79.9	89.6	153.5	177.1	147.3	129.9
36.1	87.5°	27.8	38.2	56.3	52.1	36.1	38.2	72.9	97.9	84.7	65.3
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°
1466.4
1503.9
1563.6
1635.9
1702.6
1726.2
1726.9
1696.3
1624.8
1523.3
1417.1
1319.8
1233.7
1126.0
1005.1
885.0
777.3
687.0
597.4
546.7
514.7
492.5
477.2
460.5
432.1
408.4
398.7
398.0
391.8
424.4
421.0
297.3
229.2
175.7
132.7
67.4
0.0

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