

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: P847058

Luminaire Tested: **GLAN-SB3A-722-U-T3**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847058
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-SB3A-722-U-T3
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10532 lumens
Efficiency: N/A
Efficacy: 124.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G2

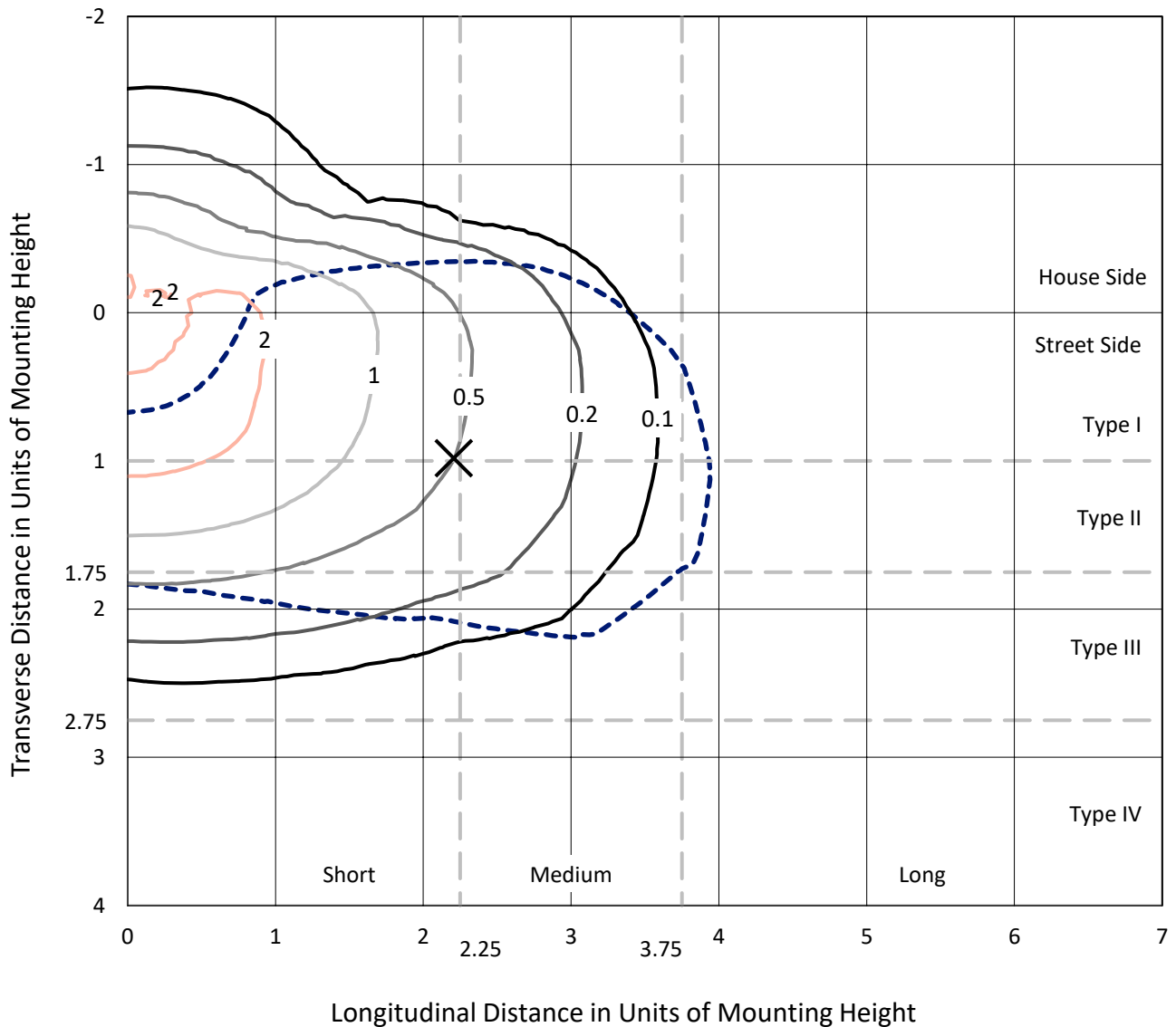
Input Watts (W): 84.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

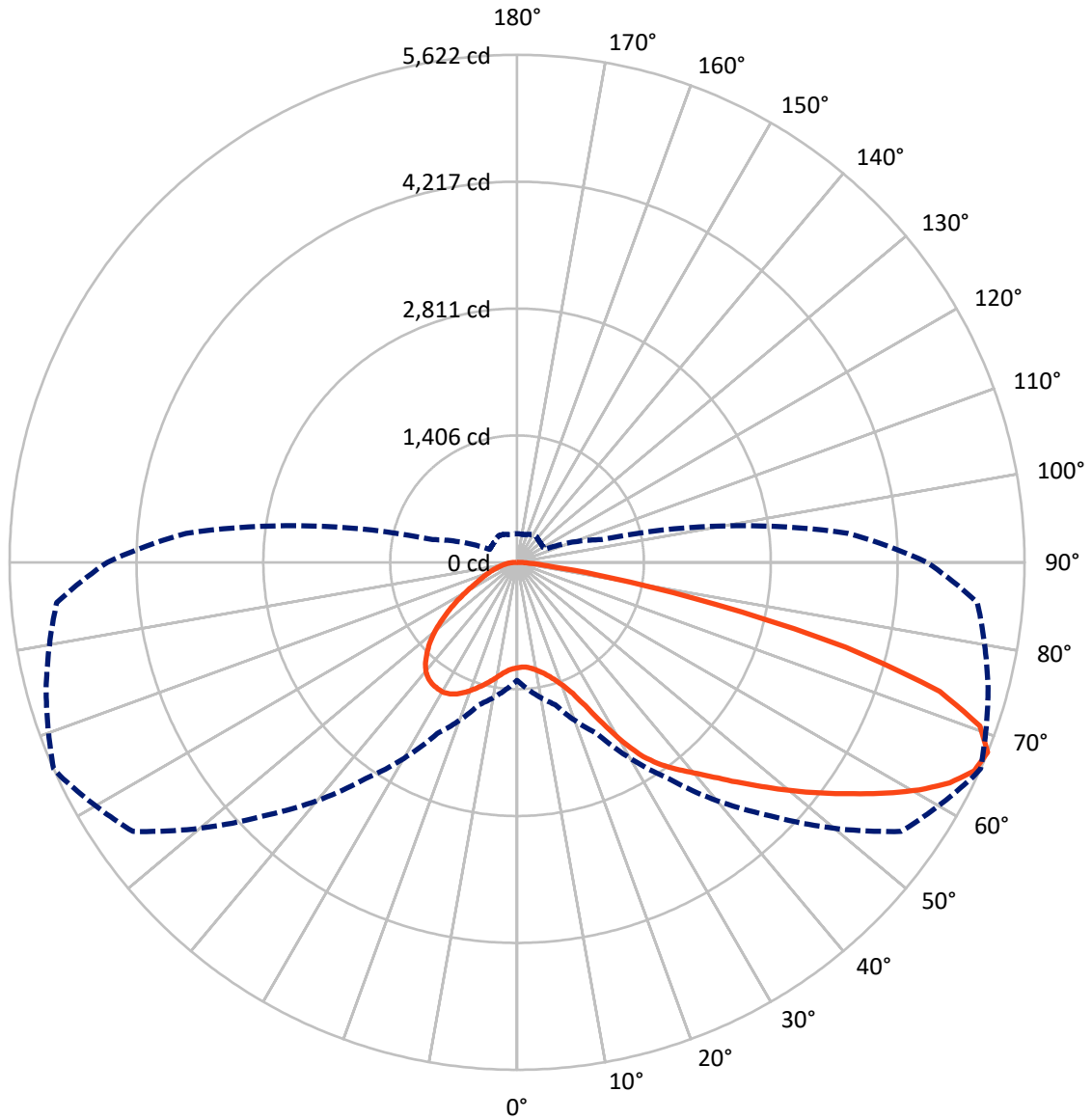
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.6 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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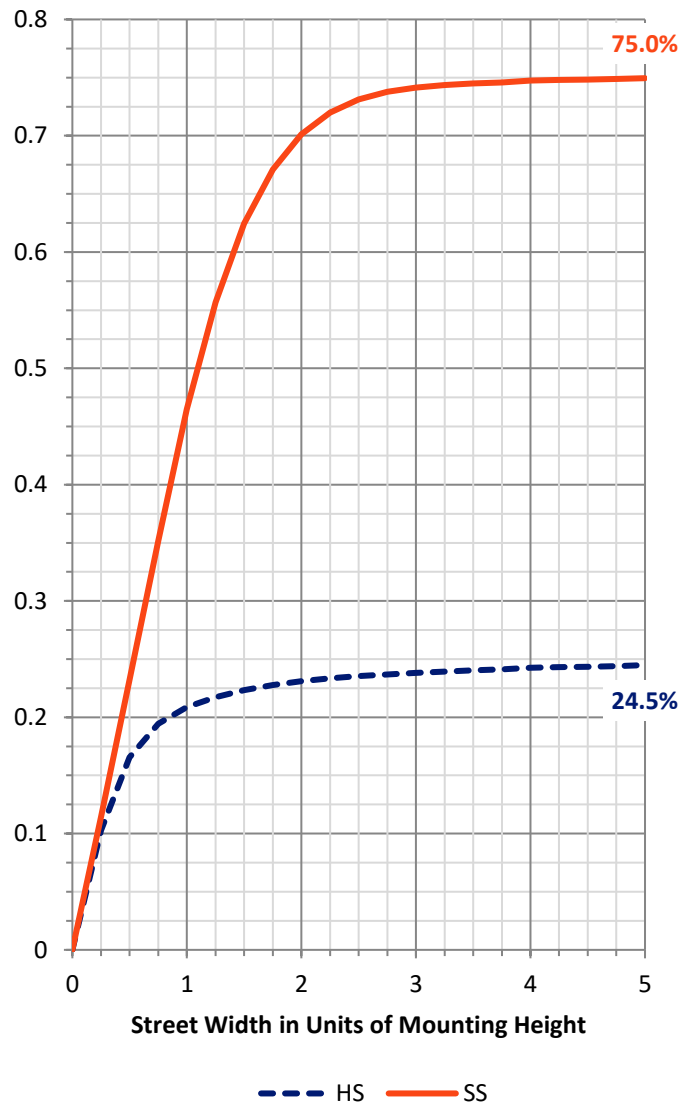
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2618.7	0.0	2618.7
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	7913.2	0.0	7913.2
	% Fixture	75.1	0.0	75.1
Total	Lumens	10532.0	0.0	10532.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.8	1.1
10°-20°	382.6	3.6
20°-30°	737.5	7.0
30°-40°	1293.1	12.3
40°-50°	1922.5	18.3
50°-60°	2436.9	23.1
60°-70°	2384.5	22.6
70°-80°	1137.4	10.8
80°-90°	121.6	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°	10532.0	100.0
0°-180°	10532.0	100.0

Coefficient of Utilization



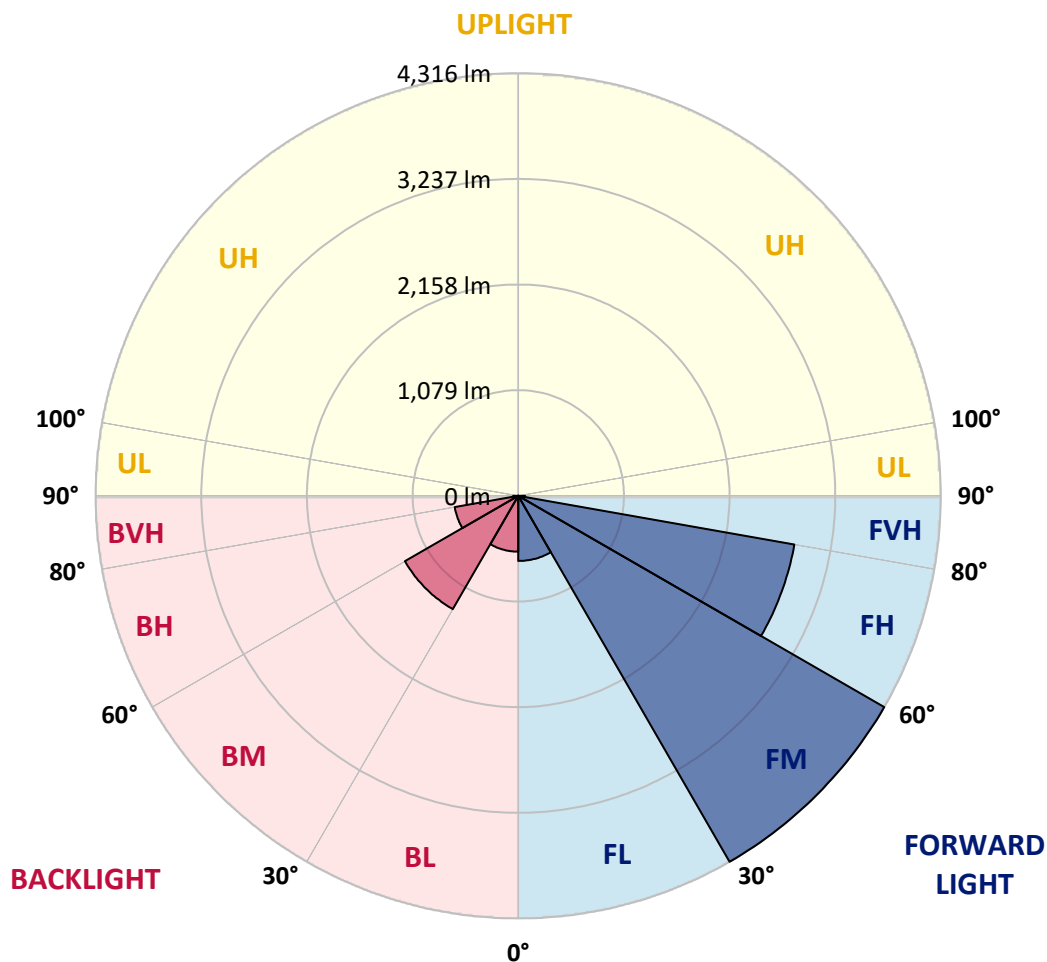
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	665.5	6.3			
FM (30°-60°)	4315.9	41.0			
FH (60°-80°)	2862.9	27.2			G2/5000
FVH (80°-90°)	68.9	0.7			G1/100
BL (0°-30°)	570.5	5.4	B2/1000		
BM (30°-60°)	1336.6	12.7	B2/2500		
BH (60°-80°)	659.0	6.3	B2/1000		G2/1000
BVH (80°-90°)	52.6	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°	1168.1	1168.1	1168.1	1168.1	1168.1	1168.1	1168.1	1168.1	1168.1	1168.1
2.5°	1156.0	1162.6	1160.9	1158.2	1157.6	1158.7	1160.4	1162.1	1161.5	1164.3
5°	1152.6	1159.3	1158.7	1158.7	1160.9	1165.4	1168.1	1170.9	1168.1	1171.5
7.5°	1154.9	1159.8	1162.1	1164.3	1169.8	1178.1	1184.7	1190.8	1187.5	1191.4
10°	1183.1	1187.0	1189.2	1189.2	1193.0	1202.4	1209.1	1220.2	1217.4	1223.5
12.5°	1234.5	1238.4	1238.4	1236.2	1239.0	1245.1	1247.3	1259.4	1254.5	1264.4
15°	1297.6	1305.4	1299.3	1295.4	1296.5	1302.6	1302.1	1311.5	1306.5	1314.8
17.5°	1367.3	1377.3	1367.3	1366.8	1364.6	1371.2	1371.8	1380.1	1371.2	1377.3
20°	1449.8	1463.6	1455.3	1458.1	1453.1	1455.9	1458.7	1470.8	1457.0	1461.4
22.5°	1566.0	1582.6	1573.7	1584.3	1580.9	1578.7	1578.2	1599.8	1578.2	1579.8
25°	1735.3	1755.3	1739.8	1754.1	1754.1	1761.3	1769.6	1797.3	1761.3	1750.8
27.5°	1985.4	2005.4	1974.9	1983.8	1981.0	1998.7	1989.9	2058.5	2019.8	2002.6
30°	2286.5	2321.9	2264.3	2262.1	2259.4	2287.6	2300.3	2345.7	2306.4	2289.2
32.5°	2611.8	2648.9	2580.3	2560.4	2549.9	2567.0	2556.5	2593.0	2565.9	2539.4
35°	2956.0	2992.6	2927.3	2888.5	2846.5	2810.5	2772.9	2782.3	2756.8	2716.4
37.5°	3281.4	3348.4	3279.2	3237.7	3160.2	3089.9	2984.8	2941.1	2917.3	2880.2
40°	3612.9	3651.1	3598.5	3563.1	3479.0	3368.8	3200.6	3108.2	3076.1	3040.1
42.5°	3856.9	3893.4	3865.2	3840.9	3775.0	3647.2	3429.7	3314.1	3267.6	3227.2
45°	4050.6	4077.7	4060.0	4068.8	4040.6	3916.7	3667.1	3534.8	3486.7	3437.5
47.5°	4128.6	4157.4	4185.6	4238.2	4286.3	4195.0	3922.2	3773.9	3723.0	3672.6
50°	4119.7	4149.1	4231.0	4342.8	4492.2	4461.7	4191.1	4028.4	3981.4	3923.9
52.5°	4048.9	4082.1	4187.3	4373.2	4611.1	4661.5	4465.0	4291.3	4247.0	4178.4
55°	3863.0	3882.9	4040.6	4304.0	4639.4	4800.9	4733.4	4571.3	4527.0	4431.3
57.5°	3518.2	3547.0	3776.7	4117.5	4568.5	4895.6	4969.2	4865.7	4823.1	4685.3
60°	3068.4	3114.3	3377.1	3804.3	4388.1	4895.0	5183.3	5155.1	5119.7	4935.4
62.5°	2559.3	2612.4	2865.3	3361.6	4072.7	4756.1	5317.2	5397.5	5379.2	5166.1
65°	1965.5	2002.0	2253.8	2788.9	3581.9	4457.8	5332.7	5562.9	5566.2	5341.6
67.5°	1308.7	1413.8	1632.4	2092.8	2924.5	3970.3	5196.6	5590.0	5622.1	5401.9
70°	638.6	776.9	991.1	1360.2	2092.8	3222.8	4840.8	5367.6	5439.0	5225.9
72.5°	265.1	309.9	426.6	671.2	1201.3	2174.7	4125.8	4764.4	4896.7	4630.5
75°	178.7	193.7	244.0	344.2	547.3	1072.4	2975.4	3552.6	3765.6	3497.2
77.5°	137.8	147.2	177.6	240.7	325.4	405.6	1592.6	2140.9	2251.1	2083.9
80°	108.5	115.7	132.8	175.4	230.8	216.9	542.8	970.0	1033.7	867.1
82.5°	94.1	96.8	95.2	119.0	153.3	126.7	178.2	358.0	395.1	286.6
85°	68.1	75.8	79.1	73.6	81.3	64.2	73.0	126.7	139.4	124.5
87.5°	27.7	40.9	50.4	47.6	29.9	18.3	22.7	37.1	42.6	46.5
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°
1168.1	0°	1168.1	1168.1	1168.1	1168.1	1168.1	1168.1	1168.1	1168.1	1168.1	1168.1
1168.7	2.5°	1169.2	1173.1	1175.9	1179.2	1181.4	1184.7	1191.4	1195.3	1195.8	1198.6
1177.5	5°	1179.8	1185.3	1191.4	1200.2	1210.2	1218.5	1231.2	1240.1	1243.4	1246.2
1199.1	7.5°	1202.4	1210.2	1221.3	1236.8	1251.1	1262.2	1277.7	1288.2	1298.7	1302.6
1233.4	10°	1236.2	1247.3	1263.3	1284.3	1299.8	1314.2	1330.3	1339.1	1349.6	1354.1
1274.4	12.5°	1278.3	1289.9	1310.9	1340.2	1354.6	1364.6	1370.1	1367.9	1370.1	1374.0
1323.6	15°	1326.4	1339.1	1362.9	1394.5	1404.4	1395.6	1383.4	1372.3	1370.7	1371.8
1383.4	17.5°	1383.4	1392.8	1420.5	1447.0	1439.8	1403.3	1376.8	1359.0	1350.2	1347.4
1459.8	20°	1463.1	1463.1	1485.8	1502.4	1454.2	1392.2	1350.7	1322.0	1303.7	1296.0
1563.8	22.5°	1559.9	1551.1	1565.4	1553.8	1451.5	1361.3	1303.7	1253.9	1226.2	1215.2
1709.3	25°	1682.8	1672.2	1668.4	1596.4	1431.5	1312.0	1218.5	1158.2	1133.8	1127.7
1919.0	27.5°	1868.1	1841.6	1791.2	1619.7	1395.0	1234.5	1118.9	1063.0	1049.2	1049.7
2188.5	30°	2114.9	2061.8	1938.4	1623.6	1335.3	1125.0	1017.1	977.2	970.6	973.4
2414.9	32.5°	2343.5	2293.1	2088.9	1605.8	1243.4	1017.6	925.8	899.2	889.2	892.6
2587.5	35°	2522.8	2508.9	2228.4	1580.9	1130.5	916.9	843.9	821.2	801.8	797.4
2750.2	37.5°	2692.1	2686.6	2333.0	1546.1	1018.7	845.5	778.0	748.1	719.9	704.4
2930.0	40°	2878.0	2872.5	2401.6	1492.4	919.7	783.6	718.8	679.5	644.7	616.4
3133.7	42.5°	3087.2	3054.5	2434.2	1415.5	835.6	731.0	670.7	617.5	571.6	545.6
3363.9	45°	3315.7	3242.1	2433.7	1317.5	764.7	682.8	619.2	544.0	501.3	477.0
3600.1	47.5°	3558.1	3421.4	2403.8	1209.1	696.1	629.7	539.5	482.0	453.8	438.8
3856.9	50°	3808.2	3589.1	2352.9	1084.6	625.8	569.4	489.7	450.4	428.9	415.0
4111.4	52.5°	4043.4	3741.3	2291.5	943.5	554.5	510.7	467.6	437.2	414.5	399.0
4358.2	55°	4262.0	3872.4	2204.6	799.0	496.4	471.5	457.1	431.6	405.6	387.4
4608.9	57.5°	4456.2	3957.6	2054.6	663.5	454.9	444.3	446.0	422.2	392.3	376.8
4855.7	60°	4617.8	4020.1	1832.7	537.9	421.1	417.8	428.9	404.5	369.6	351.9
5064.3	62.5°	4714.6	4019.0	1560.5	440.5	392.3	393.4	406.2	382.4	347.0	330.4
5173.3	65°	4706.3	3920.5	1261.7	376.8	364.7	365.8	382.4	358.0	328.1	318.2
5118.6	67.5°	4539.7	3680.4	967.8	335.3	334.2	339.2	358.6	341.4	316.5	315.4
4792.1	70°	4088.8	3181.8	697.2	302.1	302.7	309.9	335.3	330.9	310.4	312.6
4029.0	72.5°	3278.6	2425.9	468.1	267.3	267.8	279.4	313.2	322.6	304.3	333.7
2858.6	75°	2183.5	1512.9	301.0	230.2	230.8	245.7	293.8	306.6	287.7	332.6
1487.4	77.5°	1049.2	680.1	218.0	193.7	193.7	207.5	254.0	274.5	245.1	258.4
478.1	80°	362.4	255.7	171.5	156.0	152.7	162.1	214.1	237.9	211.4	194.8
156.0	82.5°	142.8	132.8	137.8	121.2	110.1	116.2	166.6	196.4	155.5	140.6
88.0	85°	81.9	86.3	97.4	80.2	63.6	71.4	122.3	141.1	117.3	103.5
28.8	87.5°	22.1	30.4	44.8	41.5	28.8	30.4	58.1	78.0	67.5	52.0
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°
1168.1
1198.0
1245.6
1303.2
1356.3
1375.1
1375.6
1351.3
1294.3
1213.5
1128.8
1051.4
982.8
897.0
800.7
705.0
619.2
547.3
475.9
435.5
410.0
392.3
380.2
366.9
344.2
325.4
317.6
317.1
312.1
338.1
335.3
236.8
182.6
140.0
105.7
53.7
0.0

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