

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: P852354

Luminaire Tested: **GLAN-SB3B-722-U-T4FT-HSS**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P852354
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-25)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3B-722-U-T4FT-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV
FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10003 lumens
Efficiency: N/A
Efficacy: 91.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

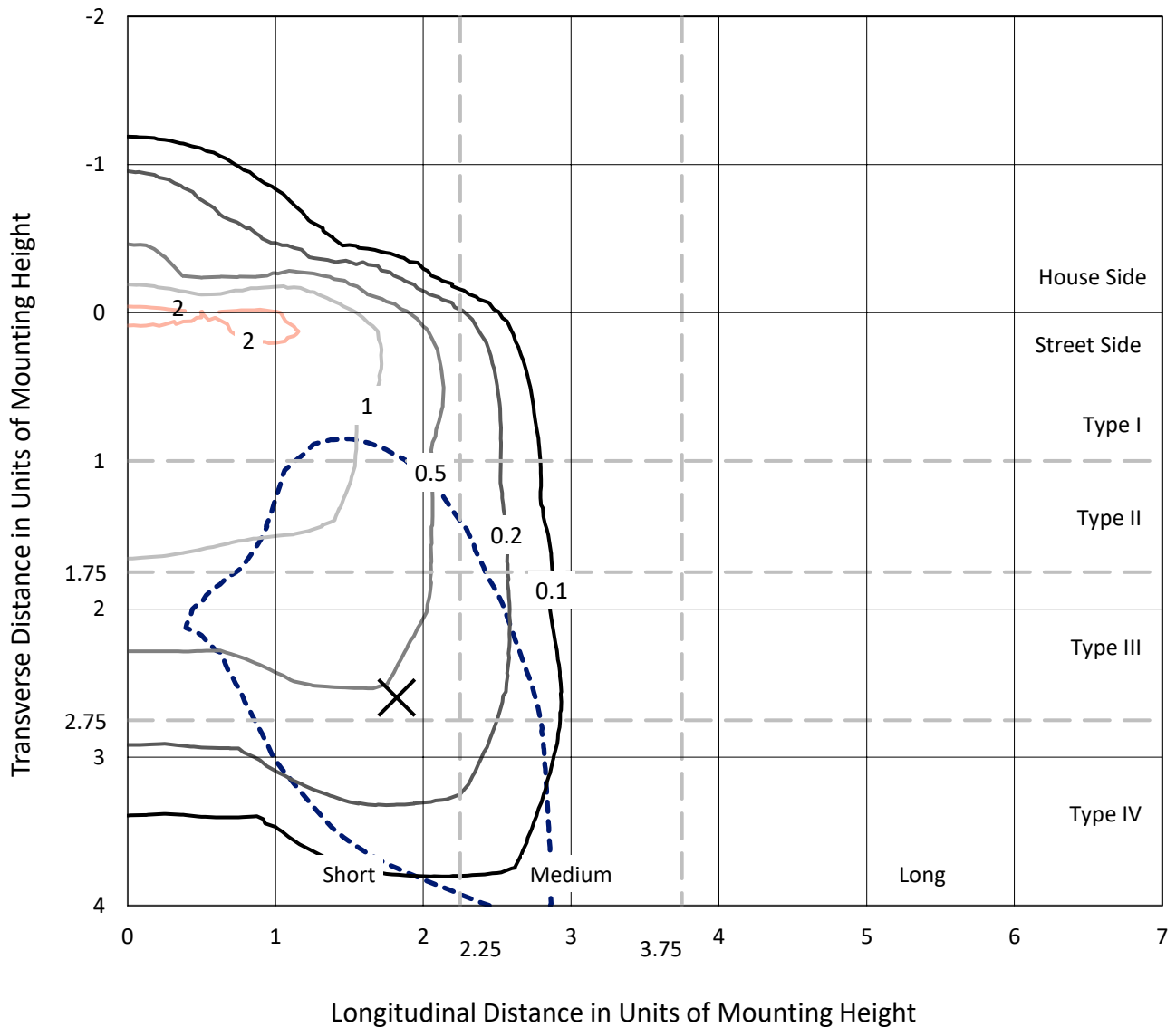
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

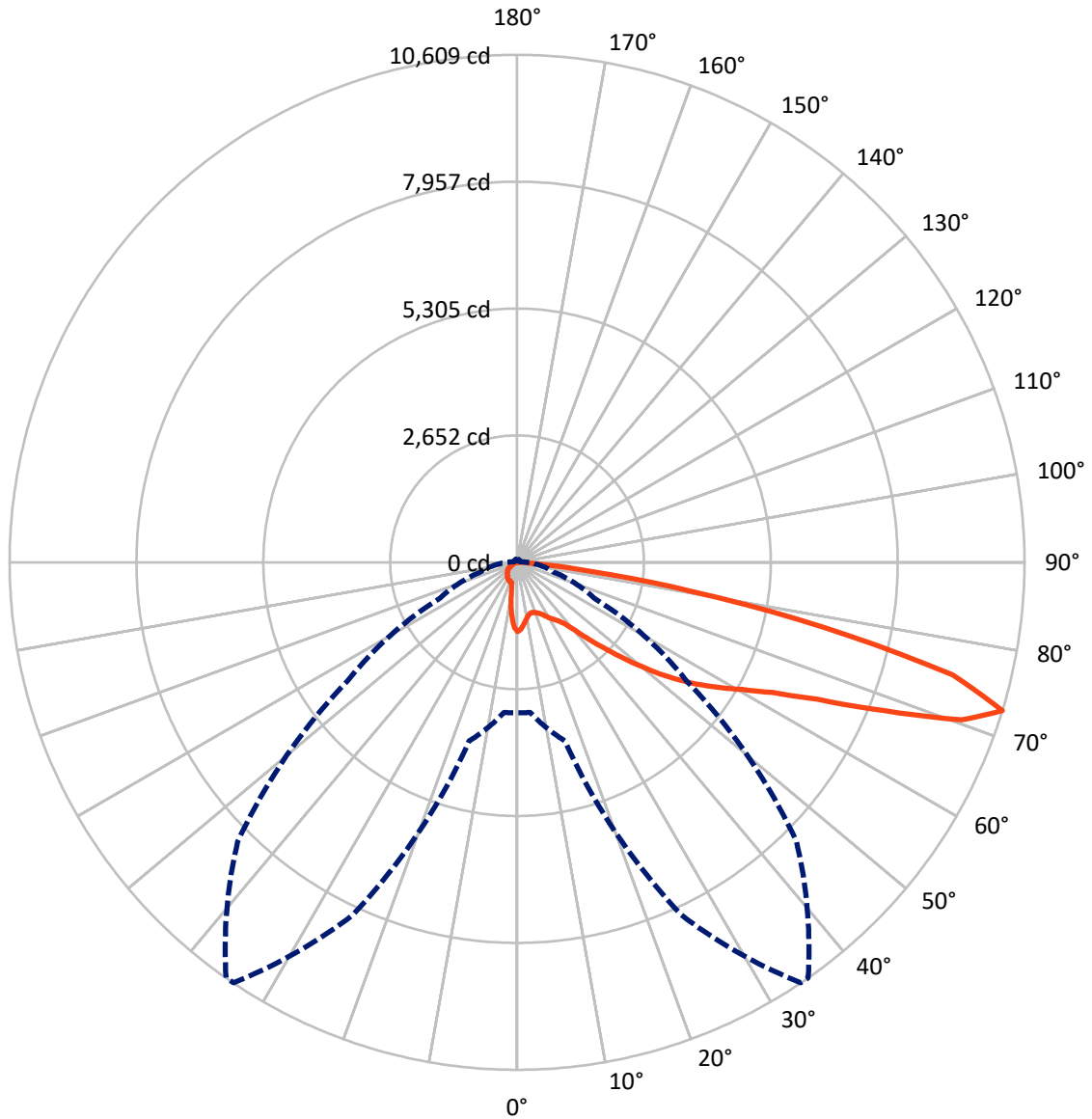
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.3 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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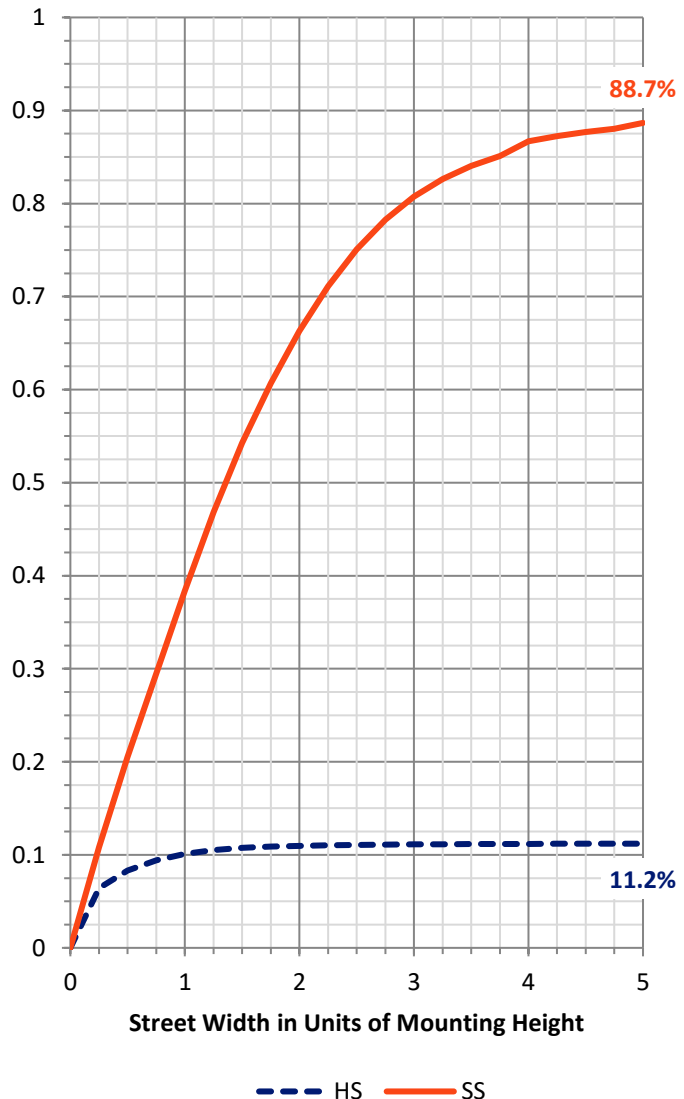
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1125.8	0.0	1125.8
	% Fixture	11.3	0.0	11.3
Street Side	Lumens	8877.2	0.0	8877.2
	% Fixture	88.7	0.0	88.7
Total	Lumens	10003.0	0.0	10003.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.1	1.2
10°-20°	278.7	2.8
20°-30°	452.7	4.5
30°-40°	755.4	7.6
40°-50°	1429.2	14.3
50°-60°	2271.0	22.7
60°-70°	2809.4	28.1
70°-80°	1746.3	17.5
80°-90°	141.1	1.4
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°	10003.0	100.0
0°-180°	10003.0	100.0

Coefficient of Utilization



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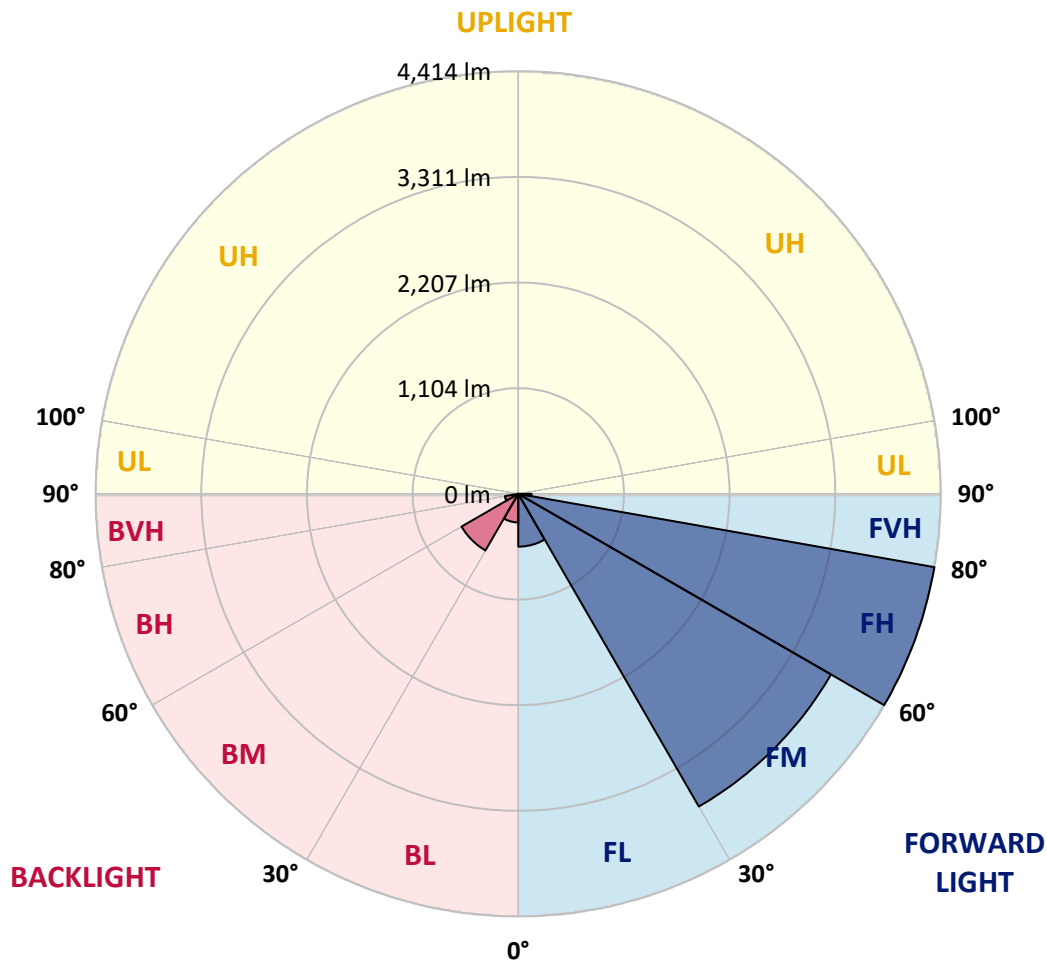
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	551.4	5.5			
FM (30°-60°)	3772.1	37.7			
FH (60°-80°)	4414.4	44.1			G2/5000
FVH (80°-90°)	139.2	1.4			G2/225
BL (0°-30°)	299.1	3.0	B1/500		
BM (30°-60°)	683.5	6.8	B1/1000		
BH (60°-80°)	141.3	1.4	B1/500		G1/500
BVH (80°-90°)	1.9	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-G2

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°
0°	1449.8	1449.8	1449.8	1449.8	1449.8	1449.8	1449.8	1449.8	1449.8	1449.8
2.5°	1385.3	1397.0	1399.2	1402.9	1402.9	1407.3	1414.6	1424.8	1441.7	1450.5
5°	1276.8	1285.6	1296.6	1305.4	1322.2	1324.4	1353.0	1380.9	1419.7	1449.0
7.5°	1167.6	1177.8	1192.5	1213.8	1235.7	1242.3	1285.6	1332.5	1394.1	1449.0
10°	1090.6	1091.4	1104.6	1125.8	1161.0	1169.1	1221.8	1288.5	1365.5	1440.2
12.5°	1047.4	1052.5	1058.4	1074.5	1108.2	1113.3	1169.8	1248.2	1336.9	1435.1
15°	1047.4	1051.0	1054.7	1062.8	1089.9	1094.3	1144.1	1222.6	1322.2	1437.3
17.5°	1058.4	1064.2	1061.3	1070.8	1099.4	1102.4	1146.3	1215.2	1321.5	1451.2
20°	1084.8	1089.2	1083.3	1089.2	1117.7	1123.6	1169.1	1229.2	1334.0	1475.4
22.5°	1126.5	1128.7	1114.8	1119.2	1148.5	1155.9	1208.6	1268.7	1364.0	1514.3
25°	1179.3	1183.7	1162.5	1167.6	1195.4	1204.2	1265.1	1328.1	1411.7	1567.8
27.5°	1240.1	1242.3	1224.0	1223.3	1259.2	1271.7	1333.2	1401.4	1475.4	1635.2
30°	1309.8	1316.4	1298.8	1295.9	1341.3	1351.6	1412.4	1491.5	1569.2	1736.4
32.5°	1364.7	1369.9	1359.6	1366.9	1413.1	1421.2	1508.4	1619.1	1716.6	1880.0
35°	1443.9	1446.8	1423.4	1436.6	1489.3	1509.9	1639.6	1797.9	1902.0	2060.3
37.5°	1730.5	1730.5	1630.8	1565.6	1616.1	1634.5	1819.2	2022.9	2130.7	2302.2
40°	2127.0	2120.4	1974.6	1841.2	1834.6	1870.5	2075.0	2306.6	2426.1	2592.4
42.5°	2549.9	2539.7	2341.0	2209.1	2187.1	2199.6	2370.4	2656.2	2777.9	2946.4
45°	2925.2	2922.3	2740.5	2563.1	2523.5	2563.1	2739.0	3065.2	3152.4	3329.8
47.5°	3239.6	3239.6	3107.0	2991.2	2970.6	2994.1	3238.2	3518.9	3510.8	3738.0
50°	3601.7	3598.8	3472.7	3422.9	3444.1	3477.1	3812.8	3996.8	3881.7	4139.0
52.5°	3855.3	3872.9	3829.7	3821.6	3930.1	3987.2	4396.2	4464.4	4213.7	4519.4
55°	4056.1	4076.7	4126.5	4182.9	4391.8	4466.6	4961.3	4907.8	4491.5	4849.2
57.5°	4340.5	4311.2	4388.2	4499.6	4837.5	4927.6	5508.8	5326.3	4715.1	5116.7
60°	4685.7	4690.1	4703.3	4844.0	5282.4	5398.2	6048.3	5722.1	4858.7	5280.9
62.5°	5100.6	5107.2	5134.3	5350.5	5879.7	5988.9	6622.9	6046.1	4924.7	5234.7
65°	5072.0	5099.8	5402.6	6142.1	6787.8	6895.6	7293.6	6273.3	4825.0	4812.5
67.5°	4620.5	4665.9	5172.4	7087.6	8157.0	8277.2	8104.2	6318.0	4394.8	3742.4
70°	4028.3	4044.4	4653.5	7937.8	9742.3	9864.0	8829.8	5826.2	3334.9	2087.4
72.5°	3145.8	3149.5	3864.1	8135.0	10602.8	10609.4	8260.3	4325.1	1793.5	801.8
75°	2247.2	2225.2	2588.0	6597.3	9328.2	9403.0	6192.7	2028.8	685.3	378.9
77.5°	1205.0	1229.2	1464.4	3912.5	6444.1	6571.6	3378.9	584.9	348.9	258.0
80°	372.3	392.9	600.3	1791.3	3650.1	3727.0	1252.6	260.2	243.3	184.0
82.5°	117.3	121.7	280.0	752.7	1515.0	1550.2	362.8	147.3	166.4	121.7
85°	33.7	34.4	124.6	280.7	374.5	381.9	101.9	57.2	95.3	75.5
87.5°	3.7	11.7	46.9	46.9	33.0	32.2	11.0	12.5	27.1	9.5
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°
1449.8	0°	1449.8	1449.8	1449.8	1449.8	1449.8	1449.8	1449.8	1449.8	1449.8	1449.8
1456.4	2.5°	1452.7	1453.4	1443.9	1427.8	1410.2	1395.5	1377.2	1362.5	1352.3	1349.4
1469.6	5°	1463.0	1457.8	1430.7	1381.6	1323.0	1272.4	1216.0	1171.3	1141.9	1129.5
1483.5	7.5°	1478.4	1463.7	1404.3	1307.6	1195.4	1095.8	994.6	916.2	866.3	841.4
1496.7	10°	1491.5	1462.2	1360.4	1200.6	1029.1	878.1	741.7	647.2	594.4	569.5
1512.1	12.5°	1504.0	1461.5	1303.2	1073.8	841.4	656.7	529.9	483.0	468.4	463.2
1537.0	15°	1527.5	1463.7	1231.4	928.6	654.5	496.2	450.0	449.3	452.2	450.8
1575.1	17.5°	1559.7	1465.9	1150.0	774.7	505.0	437.6	435.4	442.0	446.4	444.2
1622.7	20°	1601.5	1474.7	1063.5	622.3	433.9	422.9	428.0	433.9	437.6	433.9
1686.5	22.5°	1660.1	1490.1	969.0	499.9	411.2	414.1	418.5	425.1	428.8	423.6
1767.9	25°	1732.0	1514.3	875.9	434.6	400.2	403.9	410.5	417.8	422.2	417.0
1870.5	27.5°	1825.0	1553.1	790.1	420.0	389.2	391.4	400.9	411.9	417.8	411.2
2016.3	30°	1959.9	1616.9	716.1	426.6	382.6	377.5	390.7	406.1	412.6	406.8
2215.0	32.5°	2138.7	1707.0	670.6	436.8	379.7	361.3	373.8	393.6	404.6	400.9
2474.4	35°	2373.3	1844.1	653.1	448.6	377.5	344.5	353.3	374.5	393.6	397.3
2801.3	37.5°	2657.7	2034.7	658.2	453.7	370.9	330.6	335.0	353.3	378.2	389.9
3169.3	40°	2980.9	2256.7	687.5	448.6	363.5	318.8	319.6	333.5	355.5	373.1
3565.1	42.5°	3314.4	2516.2	741.7	429.5	356.9	308.6	306.4	315.9	330.6	343.0
3960.1	45°	3631.8	2783.0	795.2	403.1	348.9	298.3	293.2	296.8	299.8	304.9
4344.9	47.5°	3908.8	2970.6	779.9	378.9	337.9	286.6	277.8	276.3	267.5	266.8
4688.7	50°	4100.1	3011.7	692.6	354.7	321.8	273.4	259.5	250.7	235.3	227.9
4945.9	52.5°	4160.9	2849.7	565.8	330.6	295.4	255.8	236.0	222.1	203.0	196.4
5094.0	55°	4080.3	2532.3	452.2	301.2	258.7	232.3	210.4	192.0	176.6	168.6
5110.1	57.5°	3883.2	2128.5	357.7	266.8	219.9	206.0	184.0	165.6	152.5	144.4
4931.3	60°	3556.3	1690.2	282.9	225.7	187.6	177.4	154.7	142.9	131.2	121.7
4469.5	62.5°	3060.1	1206.4	222.1	178.8	156.9	145.1	131.9	123.1	109.2	96.0
3639.1	65°	2387.9	738.1	171.5	131.2	126.1	120.2	112.1	104.1	87.2	74.0
2374.0	67.5°	1506.2	349.6	122.4	98.9	99.7	96.7	93.1	86.5	74.0	62.3
1063.5	70°	663.3	169.3	80.6	75.5	74.0	74.0	77.0	74.8	63.0	52.0
369.4	72.5°	225.7	90.9	60.1	57.2	53.5	52.8	64.5	62.3	50.6	40.3
184.0	75°	118.0	60.8	44.0	41.0	32.2	38.8	51.3	48.4	35.9	26.4
121.7	77.5°	77.0	43.2	30.1	26.4	18.3	25.7	38.1	33.7	21.3	13.2
79.9	80°	48.4	28.6	17.6	12.5	8.8	13.9	20.5	14.7	8.1	2.9
46.9	82.5°	25.7	14.7	6.6	4.4	3.7	4.4	5.1	3.7	1.5	0.0
24.2	85°	10.3	5.1	2.2	1.5	0.7	0.0	1.5	0.7	0.0	0.0
4.4	87.5°	3.7	0.7	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°
1449.8
1354.5
1133.9
845.1
570.2
461.8
450.0
443.4
433.2
422.9
416.3
411.2
406.1
400.9
397.3
392.9
378.9
348.2
307.8
266.1
228.7
195.7
168.6
142.9
119.5
93.8
71.8
60.8
49.8
38.1
24.2
11.7
2.2
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