

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: P847227

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

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847227
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-6)
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-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III
OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10362 lumens
Efficiency: N/A
Efficacy: 94.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G2

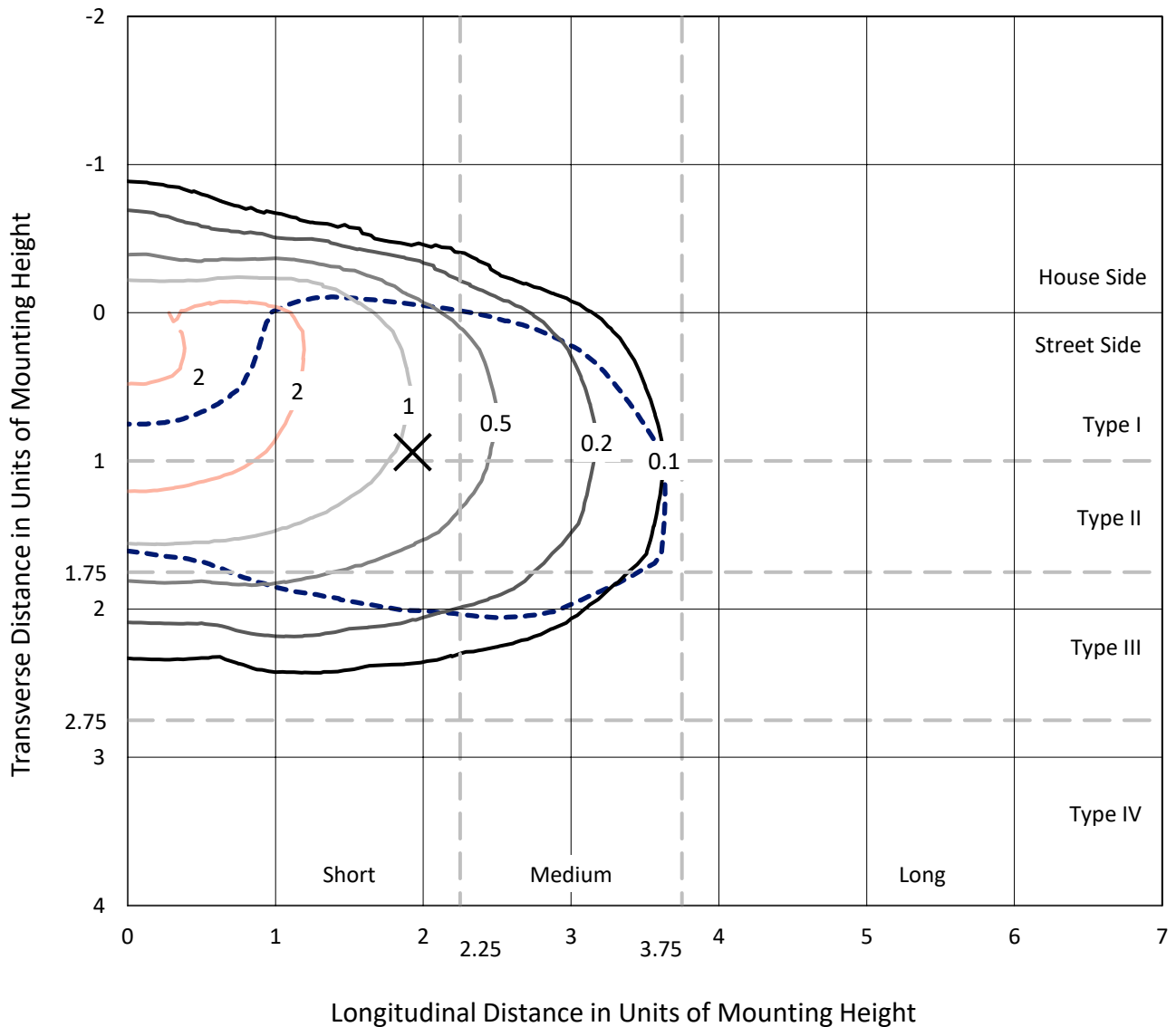
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

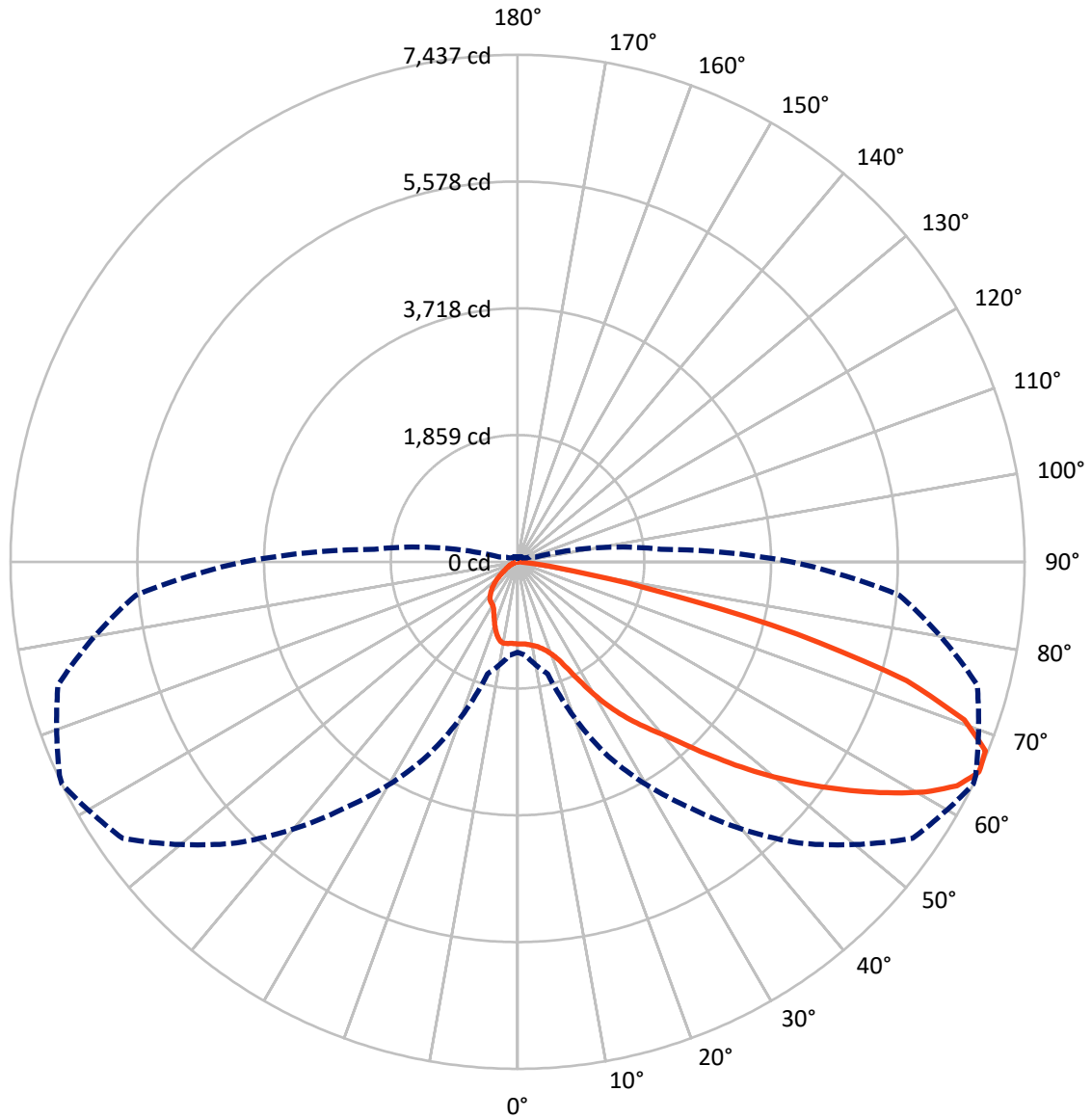
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 64-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1385.7	0.0	1385.7
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	8976.3	0.0	8976.3
	% Fixture	86.6	0.0	86.6
Total	Lumens	10362.0	0.0	10362.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.2	1.1
10°-20°	301.6	2.9
20°-30°	571.5	5.5
30°-40°	1156.4	11.2
40°-50°	1969.9	19.0
50°-60°	2679.0	25.9
60°-70°	2515.7	24.3
70°-80°	1007.9	9.7
80°-90°	48.8	0.5
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°	10362.0	100.0
0°-180°	10362.0	100.0

Coefficient of Utilization



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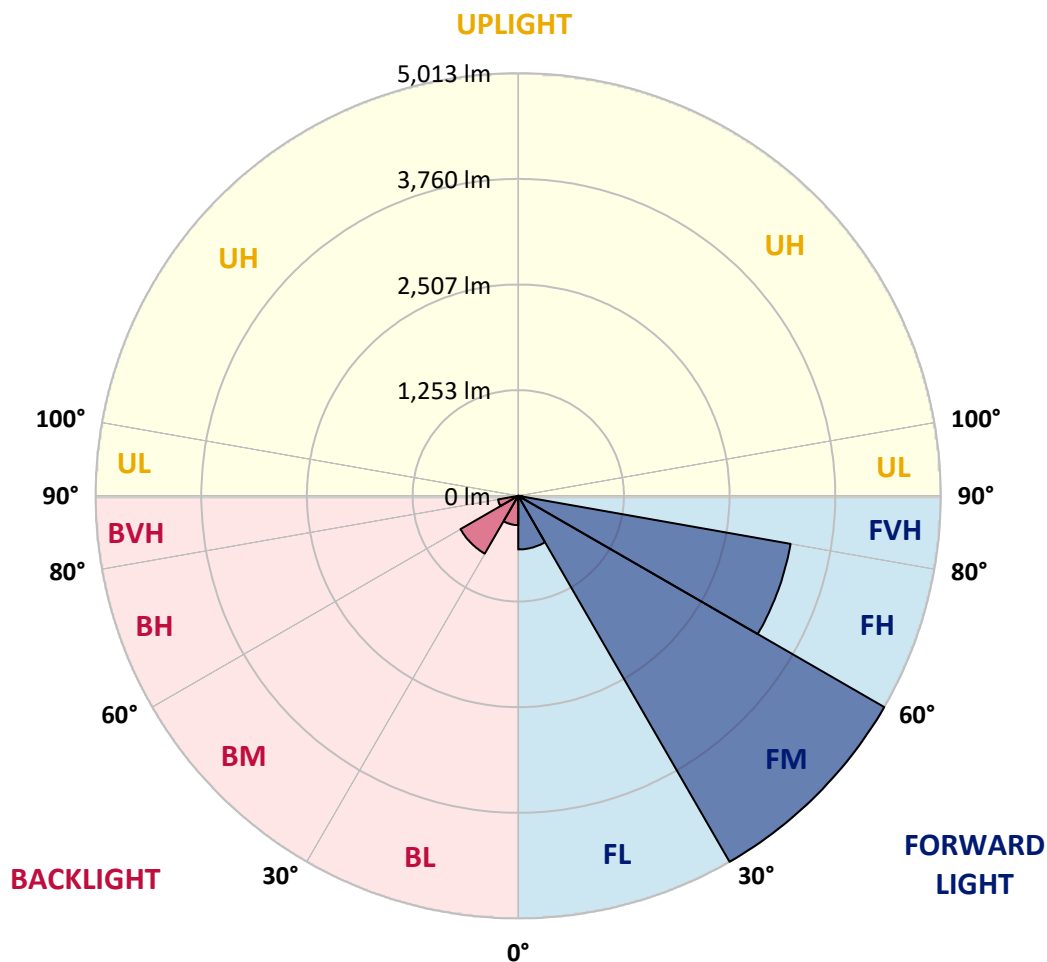
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	636.3	6.1			
FM (30°-60°)	5013.1	48.4			
FH (60°-80°)	3280.4	31.7			G2/5000
FVH (80°-90°)	46.4	0.4			G1/100
BL (0°-30°)	347.9	3.4	B1/500		
BM (30°-60°)	792.2	7.6	B1/1000		
BH (60°-80°)	243.2	2.3	B1/500		G1/500
BVH (80°-90°)	2.4	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°
0°	1205.2	1205.2	1205.2	1205.2	1205.2	1205.2	1205.2	1205.2	1205.2	1205.2
2.5°	1201.0	1209.4	1207.3	1205.2	1204.5	1205.9	1206.6	1205.9	1205.9	1205.9
5°	1178.1	1185.1	1185.1	1189.9	1196.9	1205.2	1211.5	1212.8	1214.2	1216.3
7.5°	1134.4	1139.9	1144.1	1160.1	1177.4	1199.7	1218.4	1228.1	1229.5	1237.2
10°	1104.5	1111.4	1118.4	1135.0	1160.1	1193.4	1225.4	1249.0	1252.4	1270.5
12.5°	1103.1	1110.0	1119.1	1137.1	1166.3	1201.7	1240.6	1274.7	1280.9	1307.3
15°	1117.7	1126.0	1134.4	1156.6	1187.8	1230.9	1272.6	1315.0	1321.2	1358.7
17.5°	1147.6	1158.7	1164.9	1187.1	1220.5	1268.4	1323.3	1371.9	1377.5	1421.2
20°	1206.6	1219.8	1221.9	1239.9	1272.6	1324.0	1389.3	1449.7	1456.7	1506.7
22.5°	1328.9	1347.6	1330.9	1340.0	1369.1	1420.5	1491.4	1567.8	1577.5	1634.5
25°	1544.2	1570.6	1527.5	1512.2	1524.7	1578.2	1667.1	1763.7	1774.8	1820.7
27.5°	1967.2	1933.2	1867.9	1804.0	1766.5	1797.0	1897.1	2016.6	2030.4	2074.9
30°	2432.0	2402.1	2313.9	2172.2	2083.2	2078.4	2170.8	2304.1	2320.1	2362.5
32.5°	2897.4	2868.9	2773.0	2598.7	2444.5	2368.0	2432.0	2579.9	2588.2	2615.3
35°	3355.1	3326.0	3230.1	3051.6	2861.9	2688.3	2675.8	2842.5	2845.3	2873.7
37.5°	3815.7	3791.4	3689.3	3514.2	3327.3	3087.7	2971.7	3091.2	3094.6	3122.4
40°	4144.2	4154.7	4084.5	3949.1	3788.6	3526.7	3303.7	3355.8	3335.0	3381.5
42.5°	4426.3	4447.1	4386.0	4317.9	4224.8	3994.2	3715.0	3705.9	3672.6	3697.6
45°	4670.1	4687.5	4632.6	4616.6	4614.5	4452.7	4164.4	4110.2	4063.7	4058.8
47.5°	4759.7	4793.0	4816.7	4870.2	4974.3	4906.3	4629.1	4545.1	4493.0	4454.8
50°	4793.7	4829.2	4909.7	5065.3	5311.9	5341.1	5091.7	4997.3	4933.4	4863.9
52.5°	4747.9	4811.1	4919.5	5181.4	5539.1	5689.8	5535.6	5453.0	5380.0	5266.8
55°	4477.7	4540.9	4762.5	5180.0	5652.3	5934.3	5955.2	5918.4	5836.4	5657.9
57.5°	3908.1	4001.8	4352.6	5003.5	5650.2	6144.8	6366.4	6392.8	6301.1	6045.5
60°	3119.0	3246.1	3674.0	4612.4	5475.9	6258.7	6726.9	6858.9	6761.7	6427.5
62.5°	2176.3	2323.6	2728.6	3999.8	5077.2	6176.8	6990.2	7234.0	7160.4	6769.3
65°	1327.5	1374.7	1701.2	3147.4	4399.2	5833.6	7071.5	7436.9	7412.6	6978.4
67.5°	884.3	923.9	1017.7	2158.3	3414.9	5148.0	6877.0	7401.4	7408.4	6944.4
70°	532.8	566.8	628.0	1255.2	2213.1	4074.8	6274.7	6949.9	6990.2	6489.4
72.5°	219.5	242.4	298.0	568.9	1146.2	2586.2	4996.6	5967.0	6060.8	5456.4
75°	124.3	136.2	175.1	285.5	497.4	1205.2	3026.6	4235.9	4374.2	3760.8
77.5°	82.7	88.2	113.2	184.8	279.9	411.2	1293.4	2206.9	2470.9	2054.1
80°	55.6	60.4	77.8	123.6	182.0	176.4	411.9	817.6	1005.8	705.8
82.5°	37.5	38.2	55.6	81.3	115.3	85.4	121.6	254.2	319.5	204.2
85°	21.5	20.8	41.0	47.2	51.4	35.4	36.8	76.4	100.0	86.1
87.5°	2.8	4.2	16.0	12.5	6.9	7.6	7.6	13.2	19.5	20.8
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°
1205.2	0°	1205.2	1205.2	1205.2	1205.2	1205.2	1205.2	1205.2	1205.2	1205.2	1205.2
1206.6	2.5°	1206.6	1205.9	1203.8	1201.7	1196.9	1194.1	1195.5	1194.1	1193.4	1194.1
1215.6	5°	1215.6	1213.5	1208.0	1201.0	1191.3	1179.5	1171.9	1160.8	1150.3	1144.1
1239.9	7.5°	1239.9	1237.9	1230.2	1210.8	1179.5	1130.2	1085.0	1045.4	1015.6	998.2
1278.8	10°	1278.8	1275.4	1263.6	1220.5	1138.5	1030.9	941.2	866.9	818.3	795.4
1324.7	12.5°	1324.7	1320.5	1299.7	1211.5	1060.7	892.6	769.0	686.3	641.2	621.0
1377.5	15°	1378.9	1373.3	1332.3	1168.4	947.5	739.8	626.6	564.7	535.6	517.5
1444.9	17.5°	1446.2	1436.5	1356.6	1103.8	824.5	623.1	539.0	492.5	466.8	449.4
1533.1	20°	1533.8	1517.8	1376.1	1026.7	711.3	549.5	480.0	441.1	421.6	406.4
1658.1	22.5°	1656.0	1633.1	1399.7	943.3	631.4	498.8	436.2	407.8	391.8	374.4
1832.5	25°	1807.5	1780.4	1428.9	866.2	576.6	455.0	404.3	380.7	361.9	341.8
2061.0	27.5°	2019.3	1970.7	1463.6	803.0	529.3	417.5	375.1	348.7	327.2	310.5
2320.1	30°	2255.5	2175.6	1494.2	764.8	486.3	382.7	336.9	310.5	290.4	278.6
2552.8	32.5°	2479.2	2370.8	1514.3	748.1	447.4	343.2	295.2	266.7	251.5	248.0
2780.7	35°	2690.4	2547.3	1512.2	732.2	412.6	303.6	254.2	225.1	213.3	215.3
3025.9	37.5°	2933.5	2735.5	1497.7	707.1	384.1	267.4	218.8	193.1	182.7	183.4
3323.9	40°	3216.2	2952.9	1488.6	659.9	352.9	234.1	189.6	168.8	161.2	158.4
3637.9	42.5°	3517.7	3163.4	1490.0	606.4	314.0	204.2	169.5	152.1	145.2	143.1
3987.3	45°	3820.5	3364.2	1492.1	550.9	273.0	181.3	154.9	140.3	136.2	133.4
4341.5	47.5°	4105.3	3535.0	1453.2	491.1	232.7	163.9	143.1	133.4	129.9	126.4
4697.2	50°	4370.7	3649.0	1359.4	421.6	200.8	150.0	134.1	127.1	123.6	120.2
5019.5	52.5°	4577.0	3667.0	1204.5	350.1	178.5	139.6	128.5	122.3	118.1	114.6
5280.0	55°	4668.7	3553.8	984.3	283.4	161.2	130.6	123.0	116.7	111.8	108.4
5484.9	57.5°	4645.1	3315.5	767.6	227.8	144.5	121.6	116.0	111.8	106.3	100.7
5650.9	60°	4529.1	2996.7	578.6	189.6	129.2	111.8	108.4	104.9	97.3	88.9
5714.8	62.5°	4328.3	2595.9	412.6	157.0	112.5	100.7	99.3	96.6	85.4	70.2
5620.4	65°	4021.3	2108.9	277.9	130.6	96.6	88.2	88.9	84.1	69.5	52.1
5274.4	67.5°	3572.6	1542.1	177.8	107.0	80.6	73.6	74.3	71.5	59.0	44.5
4618.7	70°	3000.9	1021.1	116.0	81.3	64.6	57.0	61.1	61.8	50.0	36.1
3544.8	72.5°	2199.9	603.0	81.3	60.4	47.2	39.6	50.0	51.4	40.3	27.1
2132.6	75°	1253.8	286.2	61.1	43.8	29.2	27.8	38.9	38.9	27.8	18.1
923.2	77.5°	526.5	119.5	43.1	28.5	16.7	16.0	26.4	24.3	13.9	8.3
225.1	80°	152.1	53.5	22.9	13.9	6.9	6.3	10.4	7.6	3.5	1.4
85.4	82.5°	59.7	23.6	9.0	5.6	2.8	2.8	1.4	0.0	0.0	0.0
48.6	85°	35.4	9.7	4.2	2.1	0.7	0.0	0.0	0.0	0.0	0.0
10.4	87.5°	9.0	2.1	1.4	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°
1205.2
1196.9
1145.5
998.9
793.3
618.9
518.2
448.0
403.6
371.6
339.7
307.0
276.5
250.1
215.3
186.2
157.7
142.4
133.4
126.4
120.2
113.9
107.7
100.0
87.5
68.8
50.7
42.4
34.7
25.7
16.7
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