

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: P939052

Luminaire Tested: **GLAN-SB1C-722-U-SL4**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P939052
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB1C-722-U-SL4
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 2200K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV SPILL LIGHT
ELIMINATOR OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6135 lumens
Efficiency: N/A
Efficacy: 112.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 54.4
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



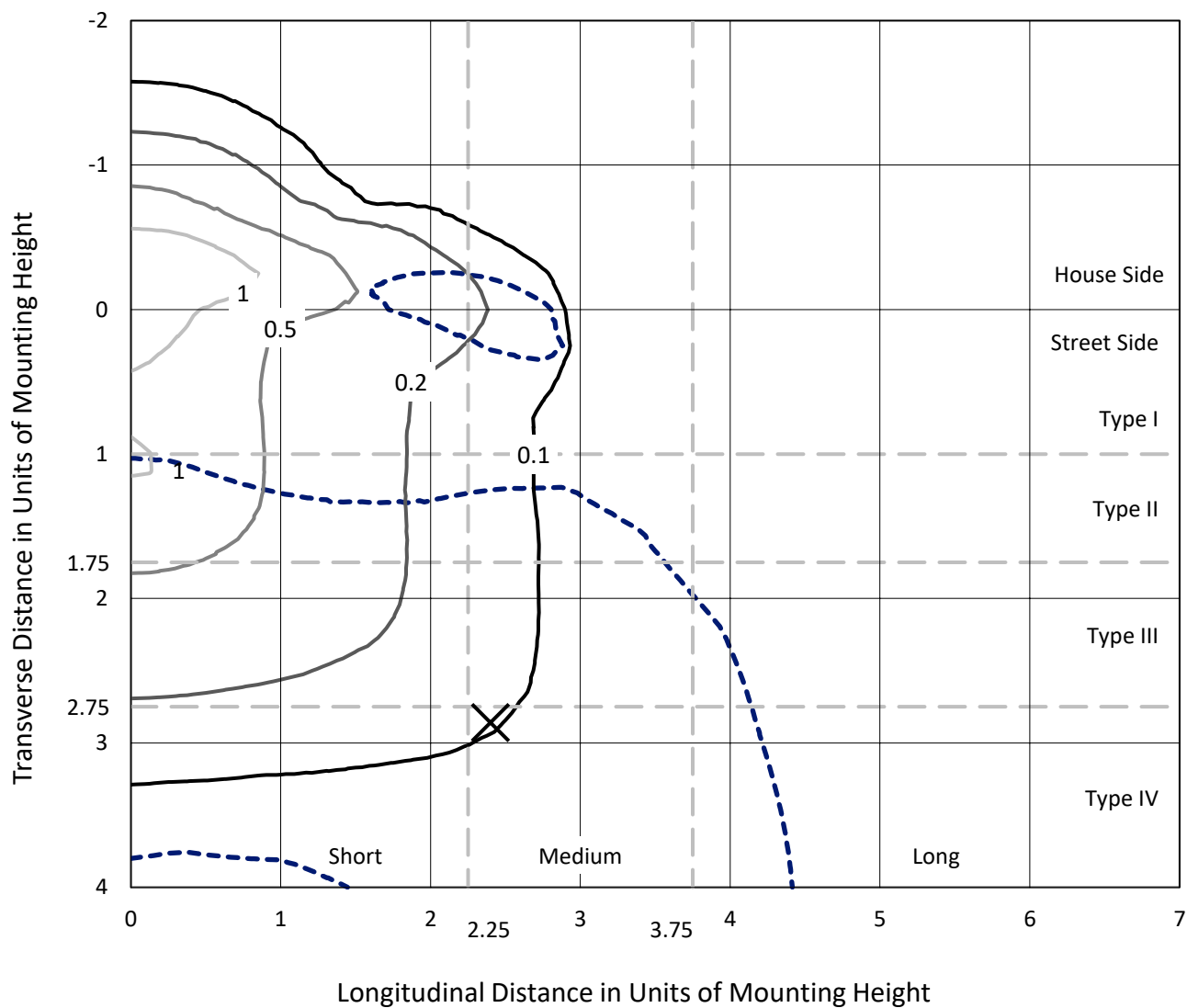
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

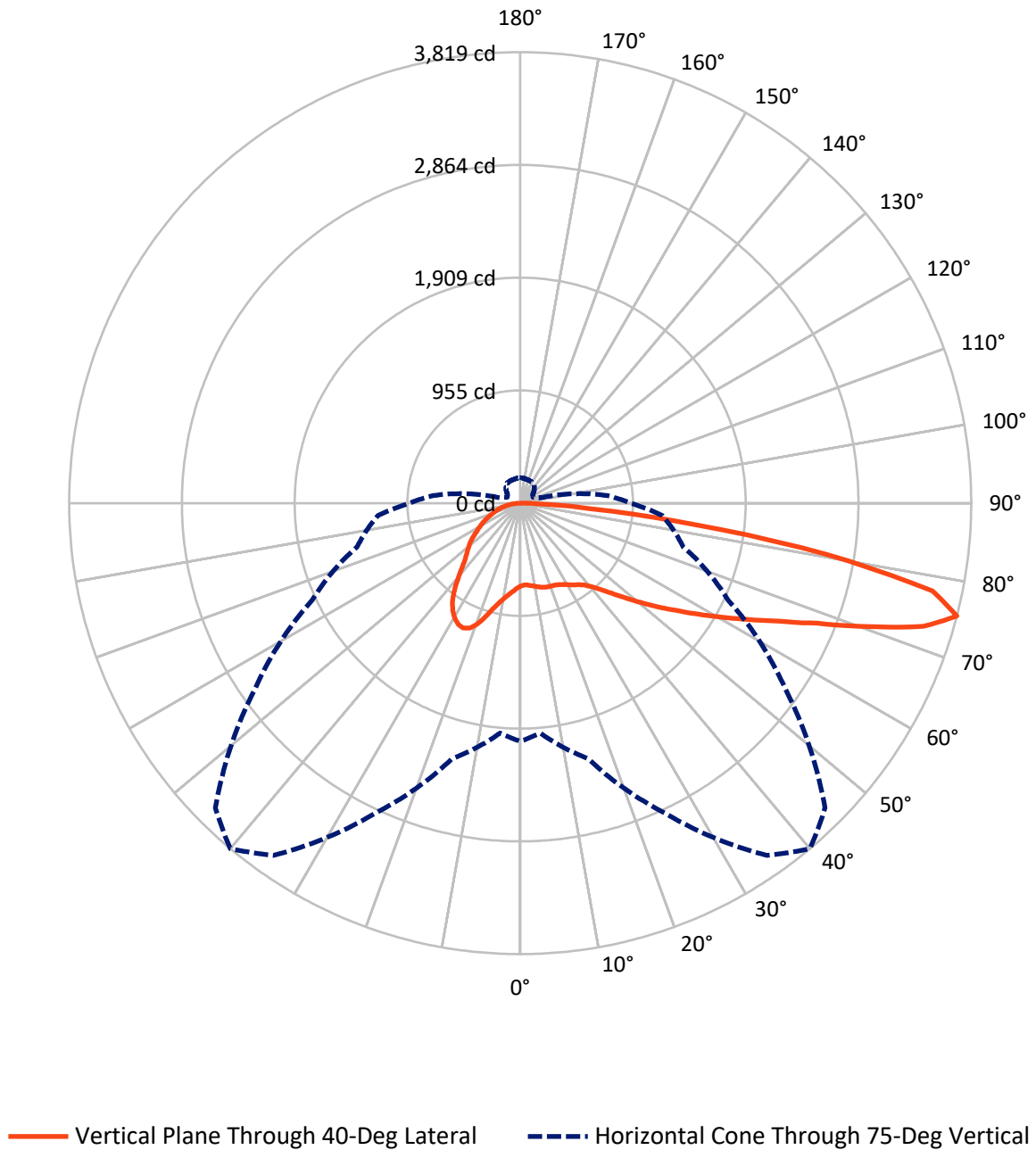


Based on 25 foot mounting height. Maximum calculated value = 1.4 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1900.8	0.0	1900.8
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	4234.2	0.0	4234.2
	% Fixture	69.0	0.0	69.0
Total	Lumens	6135.0	0.0	6135.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.0	1.1
10°-20°	235.1	3.8
20°-30°	429.3	7.0
30°-40°	608.9	9.9
40°-50°	822.2	13.4
50°-60°	1106.0	18.0
60°-70°	1403.8	22.9
70°-80°	1274.0	20.8
80°-90°	185.7	3.0
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°	6135.0	100.0
0°-180°	6135.0	100.0

Coefficient of Utilization



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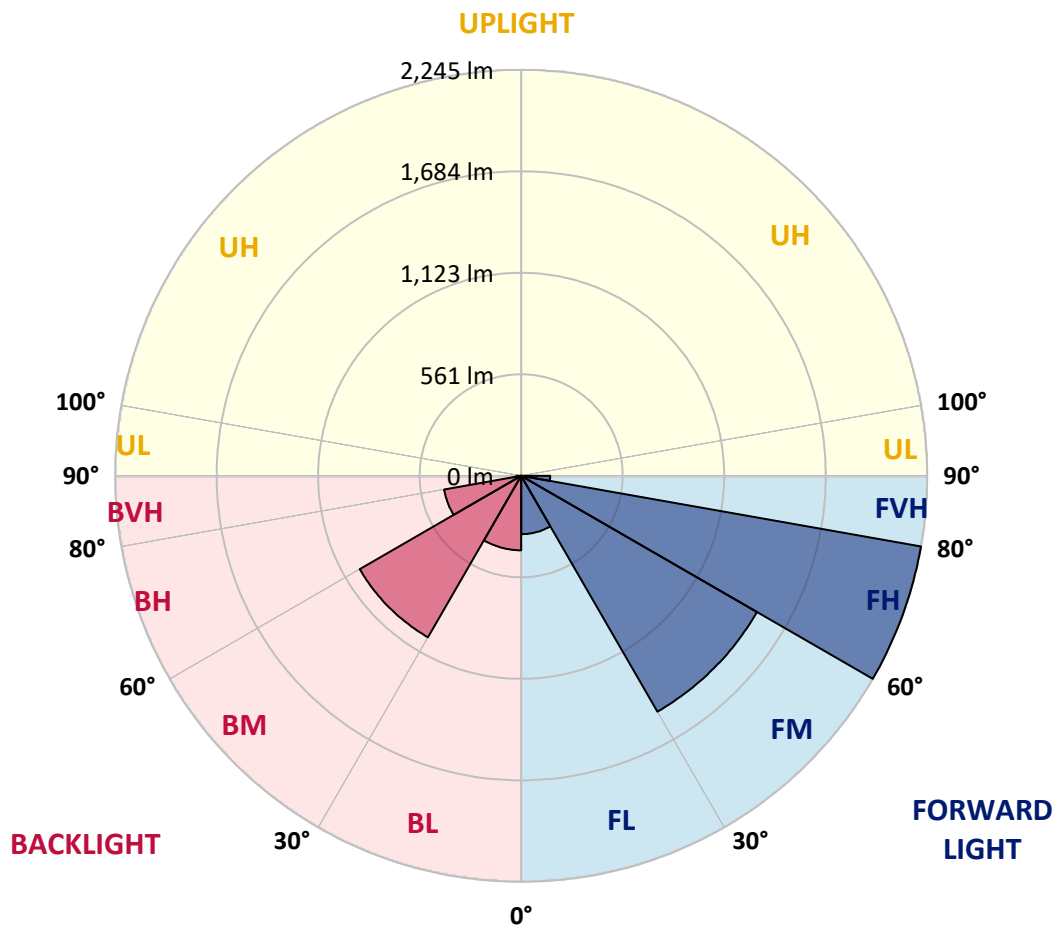
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	322.7	5.3			
FM	(30°-60°)	1506.0	24.5			
FH	(60°-80°)	2245.3	36.6			G2/5000
FVH	(80°-90°)	160.1	2.6			G2/225
BL	(0°-30°)	411.7	6.7	B1/500		
BM	(30°-60°)	1031.0	16.8	B2/2500		
BH	(60°-80°)	432.5	7.0	B1/500		G1/500
BVH	(80°-90°)	25.6	0.4			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 IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°
0°	701.5	701.5	701.5	701.5	701.5	701.5	701.5	701.5	701.5	701.5
2.5°	690.8	694.7	693.7	692.4	692.4	692.8	692.4	694.7	697.0	699.3
5°	698.0	701.9	699.9	698.3	697.0	696.7	695.7	695.4	696.7	699.6
7.5°	712.0	715.9	712.9	710.0	707.4	706.1	704.8	702.8	701.9	703.5
10°	727.6	731.5	727.9	722.7	718.5	716.8	715.5	713.6	712.3	713.3
12.5°	743.2	747.1	742.2	735.1	729.5	728.6	726.9	726.3	725.9	725.6
15°	757.8	761.1	754.9	746.4	740.6	739.0	737.3	738.3	739.9	741.9
17.5°	769.2	772.5	763.4	752.3	746.8	746.1	745.1	748.4	753.0	757.8
20°	779.6	782.9	771.2	756.2	749.7	749.7	750.0	756.9	763.4	770.5
22.5°	794.3	796.9	782.6	762.1	752.6	753.3	755.9	762.7	770.9	780.6
25°	816.1	818.0	800.5	773.1	762.4	764.3	766.6	769.9	777.7	789.1
27.5°	851.2	852.9	829.7	792.7	776.4	779.6	782.9	780.6	784.2	794.0
30°	900.7	901.7	872.4	823.2	800.1	801.8	802.4	793.0	786.1	794.0
32.5°	959.3	958.9	924.1	860.3	827.1	825.5	820.0	801.4	785.5	792.3
35°	1050.0	1046.5	1001.6	912.4	857.7	847.6	834.6	810.9	788.8	790.7
37.5°	1200.4	1189.3	1127.2	997.7	903.3	877.6	858.4	826.2	795.9	790.1
40°	1369.9	1355.9	1287.6	1114.5	971.6	930.3	899.4	848.0	807.6	793.0
42.5°	1571.0	1551.1	1477.6	1252.1	1058.2	998.3	951.8	875.6	824.9	802.4
45°	1818.0	1791.6	1687.5	1407.3	1167.2	1087.5	1025.3	917.6	851.2	820.6
47.5°	2067.5	2074.0	1926.0	1585.0	1298.0	1197.4	1117.4	980.7	889.6	849.9
50°	2332.7	2337.3	2163.2	1781.8	1446.4	1321.7	1220.9	1051.3	943.0	891.6
52.5°	2539.7	2540.3	2378.6	1987.8	1600.9	1458.4	1332.5	1132.0	1004.8	946.9
55°	2669.2	2667.6	2529.6	2182.7	1778.6	1601.9	1456.1	1223.8	1080.3	1012.0
57.5°	2763.2	2758.3	2633.7	2350.3	1968.0	1771.4	1596.0	1327.9	1169.5	1089.4
60°	2799.0	2796.1	2704.3	2495.1	2167.1	1958.9	1757.4	1444.4	1270.7	1180.8
62.5°	2812.7	2818.2	2773.6	2635.4	2380.2	2166.5	1934.8	1583.7	1384.5	1284.3
65°	2860.8	2870.9	2861.8	2818.9	2621.0	2409.5	2170.0	1749.3	1508.8	1395.3
67.5°	2956.2	2966.3	2970.2	3038.5	2915.2	2712.5	2463.5	1955.6	1654.3	1510.5
70°	2953.9	2951.0	3020.0	3213.2	3283.5	3131.9	2859.2	2209.4	1827.7	1606.1
72.5°	2688.7	2665.3	2828.3	3211.3	3590.1	3569.9	3342.4	2536.8	1977.4	1617.8
75°	2017.1	1954.6	2242.6	2894.0	3641.1	3818.5	3649.6	2739.8	1941.9	1429.4
77.5°	862.6	799.8	1139.2	2142.4	3258.8	3569.6	3367.8	2390.3	1550.2	945.3
80°	225.8	225.5	344.3	971.3	2216.2	2636.0	2312.6	1543.7	885.7	337.8
82.5°	93.4	91.1	126.6	377.8	1082.9	1479.2	1207.2	688.5	319.9	91.4
85°	34.8	34.5	61.5	130.5	382.0	610.1	441.6	176.0	79.7	44.6
87.5°	9.8	9.4	13.3	45.2	93.1	141.2	75.5	29.0	22.5	17.6
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°
701.5	0°	701.5	701.5	701.5	701.5	701.5	701.5	701.5	701.5	701.5	701.5
702.8	2.5°	703.8	705.5	708.4	710.7	713.6	716.8	721.4	724.3	727.3	729.2
704.5	5°	706.8	710.3	717.8	725.3	734.1	742.2	751.7	758.5	764.0	765.6
710.3	7.5°	713.3	719.1	731.8	744.5	758.5	771.8	785.5	797.2	806.6	810.2
720.7	10°	724.6	732.5	750.4	768.3	786.8	807.3	824.9	841.8	855.1	860.7
733.1	12.5°	739.0	748.7	772.2	796.9	822.6	850.9	873.7	894.5	911.1	918.6
750.4	15°	757.5	770.2	800.1	833.3	871.1	910.4	939.4	962.5	981.1	990.2
768.3	17.5°	777.7	794.6	832.4	882.5	936.5	988.2	1022.1	1039.0	1058.2	1067.0
784.8	20°	797.2	818.0	872.1	944.9	1016.9	1071.8	1099.2	1103.7	1105.0	1106.0
800.5	22.5°	817.4	845.4	921.8	1023.7	1100.8	1138.9	1142.8	1123.3	1095.9	1083.2
815.8	25°	839.5	876.6	986.9	1110.6	1173.0	1177.6	1147.7	1100.2	1048.4	1024.7
828.1	27.5°	861.0	912.7	1065.0	1193.5	1225.1	1185.1	1120.7	1053.3	990.8	965.8
836.9	30°	882.5	954.0	1151.2	1266.1	1248.9	1166.5	1078.0	1002.9	940.1	913.7
844.7	32.5°	904.3	1002.2	1250.5	1318.5	1244.6	1127.2	1025.0	946.2	890.9	863.3
851.6	35°	929.0	1061.4	1344.5	1347.1	1216.3	1069.2	955.0	878.6	830.4	808.3
859.7	37.5°	961.2	1136.6	1427.5	1354.3	1166.9	984.3	868.1	798.5	758.8	748.7
871.7	40°	1001.2	1227.1	1490.9	1342.9	1093.6	881.2	773.1	717.5	695.0	697.3
888.0	42.5°	1053.3	1328.3	1535.5	1313.6	991.8	774.8	689.8	665.1	675.8	685.0
912.4	45°	1121.0	1433.4	1563.2	1263.8	876.6	684.6	640.7	646.6	654.7	655.7
951.8	47.5°	1207.5	1539.8	1581.4	1188.7	759.1	621.2	609.5	610.8	609.1	602.3
1010.7	50°	1315.6	1643.2	1597.7	1089.1	659.2	581.5	565.9	561.3	538.8	516.7
1089.1	52.5°	1438.6	1738.2	1604.5	965.4	581.5	548.3	522.9	494.3	452.3	445.5
1187.7	55°	1575.2	1826.1	1586.9	813.5	516.1	505.7	467.3	432.8	428.2	422.4
1317.5	57.5°	1738.6	1920.8	1551.1	644.0	449.0	455.9	418.5	422.4	414.2	405.1
1484.4	60°	1917.2	2018.7	1488.3	489.4	379.7	393.7	405.8	405.4	403.2	395.7
1660.5	62.5°	2078.0	2083.2	1364.7	374.9	318.9	345.6	378.4	378.1	376.2	371.9
1844.3	65°	2173.6	2073.4	1158.4	295.1	268.8	305.9	341.3	343.9	344.3	343.9
1982.6	67.5°	2156.7	1959.2	875.3	234.9	227.4	265.5	304.6	308.1	310.7	311.4
2000.2	70°	1965.4	1708.3	570.7	187.4	190.7	230.1	269.8	273.3	275.6	278.2
1735.6	72.5°	1531.9	1256.0	326.7	151.6	158.5	199.5	235.3	239.5	240.8	245.7
1207.9	75°	933.6	738.6	176.4	119.4	130.2	170.5	201.1	206.0	208.3	214.1
593.2	77.5°	443.8	319.9	100.5	93.1	104.8	139.3	169.9	175.4	169.2	172.5
163.7	80°	150.0	118.8	63.5	70.9	80.0	108.7	136.0	141.5	128.5	127.9
54.3	82.5°	52.4	48.2	40.3	47.2	51.7	77.8	102.8	110.0	95.7	95.3
24.4	85°	20.5	19.5	22.5	25.7	30.9	47.8	67.7	71.3	58.9	47.5
7.2	87.5°	4.2	4.6	5.5	5.9	9.4	16.6	24.4	29.9	23.8	20.2
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°
701.5
727.9
766.3
810.6
861.0
918.6
989.5
1066.6
1108.6
1086.8
1028.2
968.7
916.6
866.8
813.2
755.9
705.1
693.4
662.2
607.5
519.7
447.7
423.3
403.5
393.1
370.3
343.9
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169.9
126.6
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