

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: P939056

Luminaire Tested: **GLAN-SB1C-722-U-T3-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P939056
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB1C-722-U-T3-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 2200K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE III OPTICS
WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

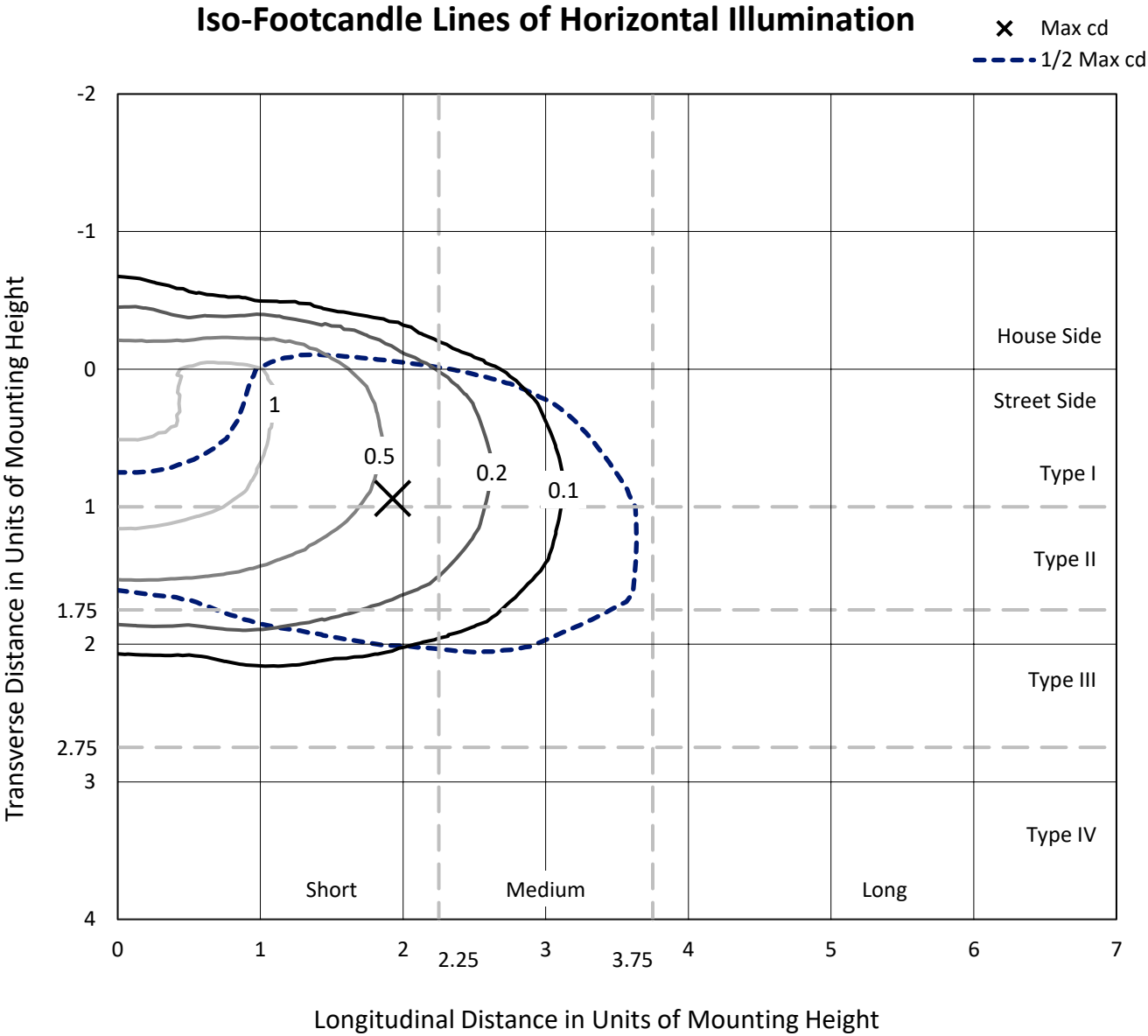
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4854 lumens
Efficiency: N/A
Efficacy: 89.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G1

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

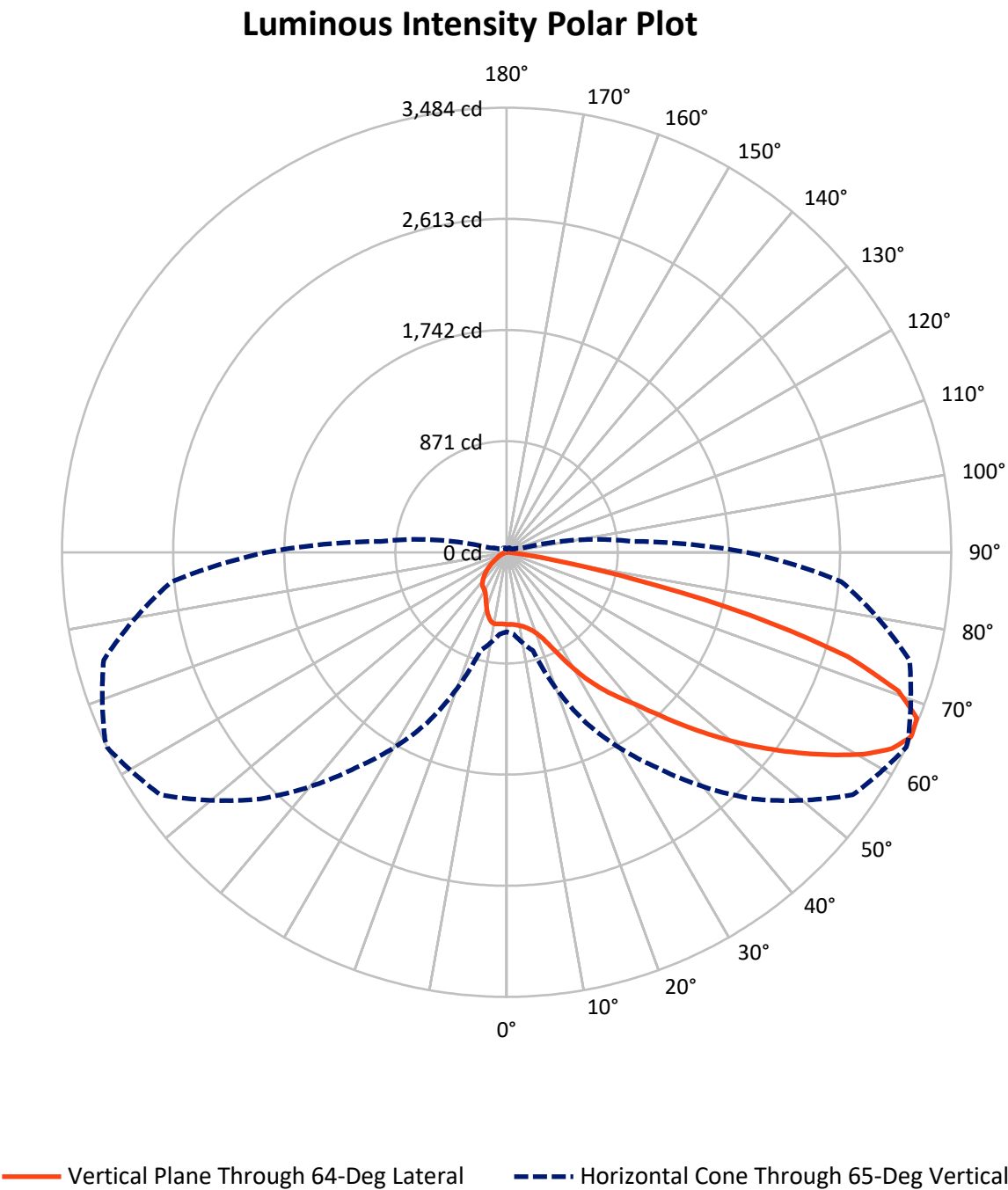


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Based on 25 foot mounting height. Maximum calculated value = 1.4 fc
Type III - Short - N/A

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	649.1	0.0	649.1
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	4204.9	0.0	4204.9
	% Fixture	86.6	0.0	86.6
Total	Lumens	4854.0	0.0	4854.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.1	1.1
10°-20°	141.3	2.9
20°-30°	267.7	5.5
30°-40°	541.7	11.2
40°-50°	922.8	19.0
50°-60°	1254.9	25.9
60°-70°	1178.5	24.3
70°-80°	472.1	9.7
80°-90°	22.9	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°	4854.0	100.0
0°-180°	4854.0	100.0

Coefficient of Utilization



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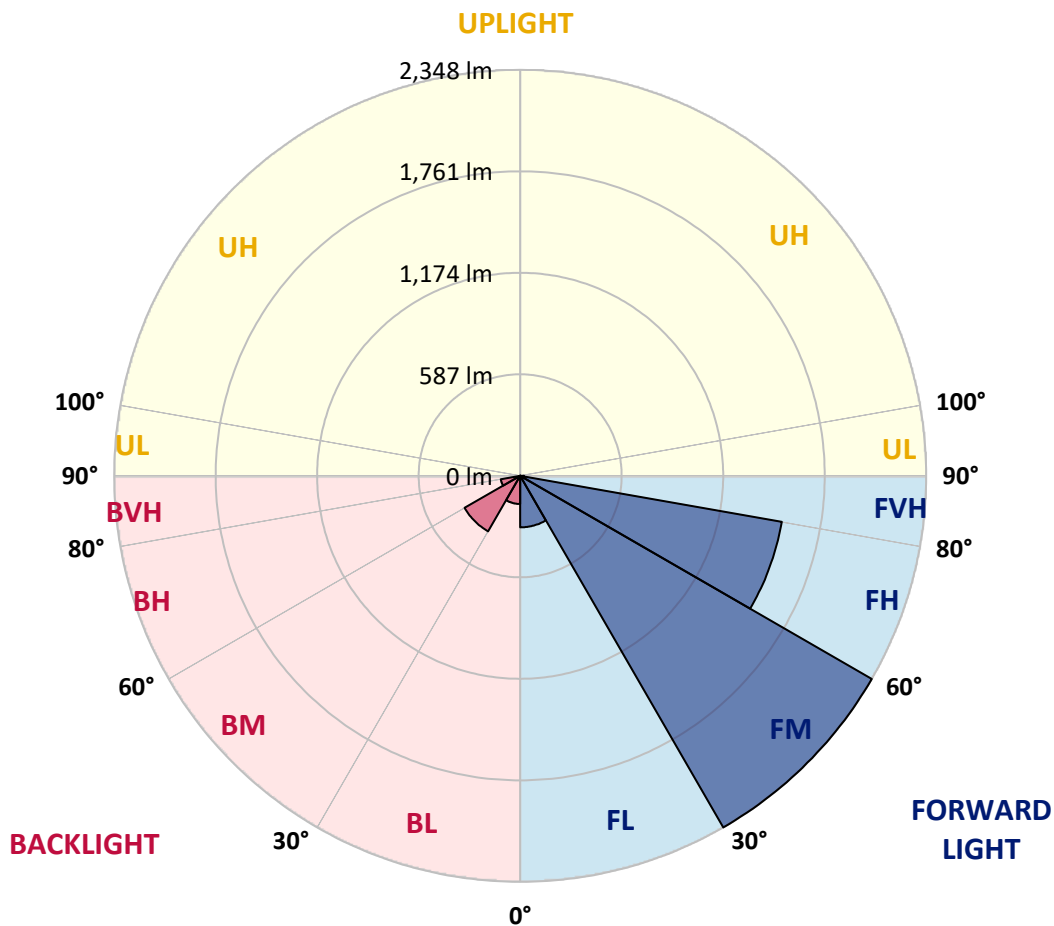
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	298.1	6.1			
FM	(30°-60°)	2348.4	48.4			
FH	(60°-80°)	1536.7	31.7			G1/1800
FVH	(80°-90°)	21.8	0.4			G1/100
BL	(0°-30°)	163.0	3.4	B1/500		
BM	(30°-60°)	371.1	7.6	B1/1000		
BH	(60°-80°)	113.9	2.3	B1/500		G1/500
BVH	(80°-90°)	1.1	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-G1

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°
0°	564.6	564.6	564.6	564.6	564.6	564.6	564.6	564.6	564.6	564.6
2.5°	562.6	566.5	565.5	564.6	564.2	564.9	565.2	564.9	564.9	564.9
5°	551.9	555.1	555.1	557.4	560.7	564.6	567.5	568.2	568.8	569.8
7.5°	531.4	534.0	535.9	543.4	551.6	562.0	570.8	575.3	576.0	579.5
10°	517.4	520.6	523.9	531.7	543.4	559.0	574.0	585.1	586.7	595.2
12.5°	516.7	520.0	524.2	532.7	546.3	562.9	581.2	597.1	600.0	612.4
15°	523.6	527.5	531.4	541.8	556.4	576.6	596.1	616.0	618.9	636.5
17.5°	537.6	542.8	545.7	556.1	571.7	594.2	619.9	642.7	645.3	665.8
20°	565.2	571.4	572.4	580.8	596.1	620.2	650.8	679.1	682.4	705.8
22.5°	622.5	631.3	623.5	627.7	641.4	665.4	698.6	734.4	739.0	765.7
25°	723.4	735.7	715.6	708.4	714.3	739.3	781.0	826.2	831.4	852.9
27.5°	921.5	905.6	875.0	845.1	827.5	841.8	888.7	944.6	951.1	972.0
30°	1139.2	1125.2	1083.9	1017.5	975.9	973.6	1016.9	1079.4	1086.8	1106.7
32.5°	1357.2	1343.9	1299.0	1217.3	1145.1	1109.3	1139.2	1208.5	1212.4	1225.1
35°	1571.7	1558.0	1513.1	1429.5	1340.7	1259.3	1253.4	1331.5	1332.8	1346.2
37.5°	1787.4	1776.0	1728.2	1646.2	1558.7	1446.4	1392.1	1448.0	1449.7	1462.7
40°	1941.3	1946.2	1913.4	1849.9	1774.7	1652.1	1547.6	1572.0	1562.2	1584.1
42.5°	2073.5	2083.2	2054.6	2022.7	1979.1	1871.1	1740.2	1736.0	1720.4	1732.1
45°	2187.7	2195.8	2170.1	2162.6	2161.6	2085.8	1950.8	1925.4	1903.6	1901.3
47.5°	2229.6	2245.3	2256.3	2281.4	2330.2	2298.3	2168.5	2129.1	2104.7	2086.8
50°	2245.6	2262.2	2299.9	2372.8	2488.3	2502.0	2385.2	2340.9	2311.0	2278.5
52.5°	2224.1	2253.7	2304.5	2427.2	2594.7	2665.4	2593.1	2554.4	2520.2	2467.2
55°	2097.5	2127.1	2230.9	2426.5	2647.8	2779.9	2789.7	2772.4	2734.0	2650.4
57.5°	1830.7	1874.6	2039.0	2343.9	2646.8	2878.5	2982.3	2994.7	2951.7	2832.0
60°	1461.1	1520.6	1721.0	2160.7	2565.1	2931.9	3151.2	3213.0	3167.5	3010.9
62.5°	1019.5	1088.5	1278.2	1873.7	2378.4	2893.5	3274.5	3388.7	3354.2	3171.0
65°	621.8	644.0	796.9	1474.4	2060.8	2732.7	3312.6	3483.7	3472.4	3269.0
67.5°	414.2	432.8	476.7	1011.0	1599.7	2411.5	3221.5	3467.1	3470.4	3253.0
70°	249.6	265.5	294.2	588.0	1036.7	1908.8	2939.3	3255.6	3274.5	3039.9
72.5°	102.8	113.6	139.6	266.5	536.9	1211.5	2340.6	2795.2	2839.1	2556.0
75°	58.2	63.8	82.0	133.7	233.0	564.6	1417.8	1984.3	2049.0	1761.7
77.5°	38.7	41.3	53.0	86.6	131.1	192.6	605.9	1033.8	1157.5	962.2
80°	26.0	28.3	36.4	57.9	85.3	82.7	193.0	383.0	471.2	330.6
82.5°	17.6	17.9	26.0	38.1	54.0	40.0	56.9	119.1	149.7	95.7
85°	10.1	9.8	19.2	22.1	24.1	16.6	17.2	35.8	46.9	40.3
87.5°	1.3	2.0	7.5	5.9	3.3	3.6	3.6	6.2	9.1	9.8
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°
564.6	0°	564.6	564.6	564.6	564.6	564.6	564.6	564.6	564.6	564.6	564.6
565.2	2.5°	565.2	564.9	563.9	562.9	560.7	559.4	560.0	559.4	559.0	559.4
569.5	5°	569.5	568.5	565.9	562.6	558.1	552.5	549.0	543.7	538.9	535.9
580.8	7.5°	580.8	579.9	576.3	567.2	552.5	529.4	508.3	489.7	475.7	467.6
599.1	10°	599.1	597.4	591.9	571.7	533.3	482.9	440.9	406.1	383.3	372.6
620.5	12.5°	620.5	618.6	608.8	567.5	496.9	418.1	360.2	321.5	300.3	290.9
645.3	15°	645.9	643.3	624.1	547.3	443.8	346.6	293.5	264.6	250.9	242.4
676.8	17.5°	677.5	672.9	635.5	517.1	386.3	291.9	252.5	230.7	218.7	210.5
718.2	20°	718.5	711.0	644.6	480.9	333.2	257.4	224.9	206.6	197.5	190.4
776.7	22.5°	775.8	765.0	655.7	441.9	295.8	233.6	204.4	191.0	183.5	175.4
858.4	25°	846.7	834.0	669.3	405.8	270.1	213.1	189.4	178.3	169.5	160.1
965.5	27.5°	945.9	923.2	685.6	376.2	248.0	195.6	175.7	163.4	153.3	145.5
1086.8	30°	1056.6	1019.2	699.9	358.3	227.8	179.3	157.8	145.5	136.0	130.5
1195.8	32.5°	1161.4	1110.6	709.4	350.5	209.6	160.7	138.3	125.0	117.8	116.2
1302.6	35°	1260.3	1193.2	708.4	343.0	193.3	142.2	119.1	105.4	99.9	100.9
1417.4	37.5°	1374.2	1281.4	701.6	331.3	179.9	125.3	102.5	90.5	85.6	85.9
1557.0	40°	1506.6	1383.3	697.3	309.1	165.3	109.7	88.8	79.1	75.5	74.2
1704.1	42.5°	1647.8	1481.9	698.0	284.1	147.1	95.7	79.4	71.3	68.0	67.0
1867.8	45°	1789.7	1575.9	699.0	258.0	127.9	84.9	72.6	65.7	63.8	62.5
2033.8	47.5°	1923.1	1656.0	680.7	230.1	109.0	76.8	67.0	62.5	60.8	59.2
2200.4	50°	2047.4	1709.3	636.8	197.5	94.0	70.3	62.8	59.5	57.9	56.3
2351.3	52.5°	2144.1	1717.8	564.2	164.0	83.6	65.4	60.2	57.3	55.3	53.7
2473.4	55°	2187.0	1664.8	461.1	132.8	75.5	61.2	57.6	54.7	52.4	50.8
2569.4	57.5°	2176.0	1553.1	359.6	106.7	67.7	56.9	54.3	52.4	49.8	47.2
2647.1	60°	2121.6	1403.8	271.1	88.8	60.5	52.4	50.8	49.1	45.6	41.7
2677.1	62.5°	2027.6	1216.0	193.3	73.5	52.7	47.2	46.5	45.2	40.0	32.9
2632.8	65°	1883.7	987.9	130.2	61.2	45.2	41.3	41.7	39.4	32.5	24.4
2470.8	67.5°	1673.5	722.4	83.3	50.1	37.7	34.5	34.8	33.5	27.7	20.8
2163.6	70°	1405.7	478.3	54.3	38.1	30.3	26.7	28.6	29.0	23.4	16.9
1660.5	72.5°	1030.5	282.4	38.1	28.3	22.1	18.5	23.4	24.1	18.9	12.7
999.0	75°	587.3	134.1	28.6	20.5	13.7	13.0	18.2	18.2	13.0	8.5
432.5	77.5°	246.7	56.0	20.2	13.3	7.8	7.5	12.4	11.4	6.5	3.9
105.4	80°	71.3	25.1	10.7	6.5	3.3	2.9	4.9	3.6	1.6	0.7
40.0	82.5°	28.0	11.1	4.2	2.6	1.3	1.3	0.7	0.0	0.0	0.0
22.8	85°	16.6	4.6	2.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0
4.9	87.5°	4.2	1.0	0.7	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°
564.6
560.7
536.6
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159.1
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129.5
117.1
100.9
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