

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: P845693

Luminaire Tested: **GLAN-SB1A-722-U-SL4**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P845693
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB1A-722-U-SL4
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 2200K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV SPILL LIGHT
ELIMINATOR OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3478 lumens
Efficiency: N/A
Efficacy: 112.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G1

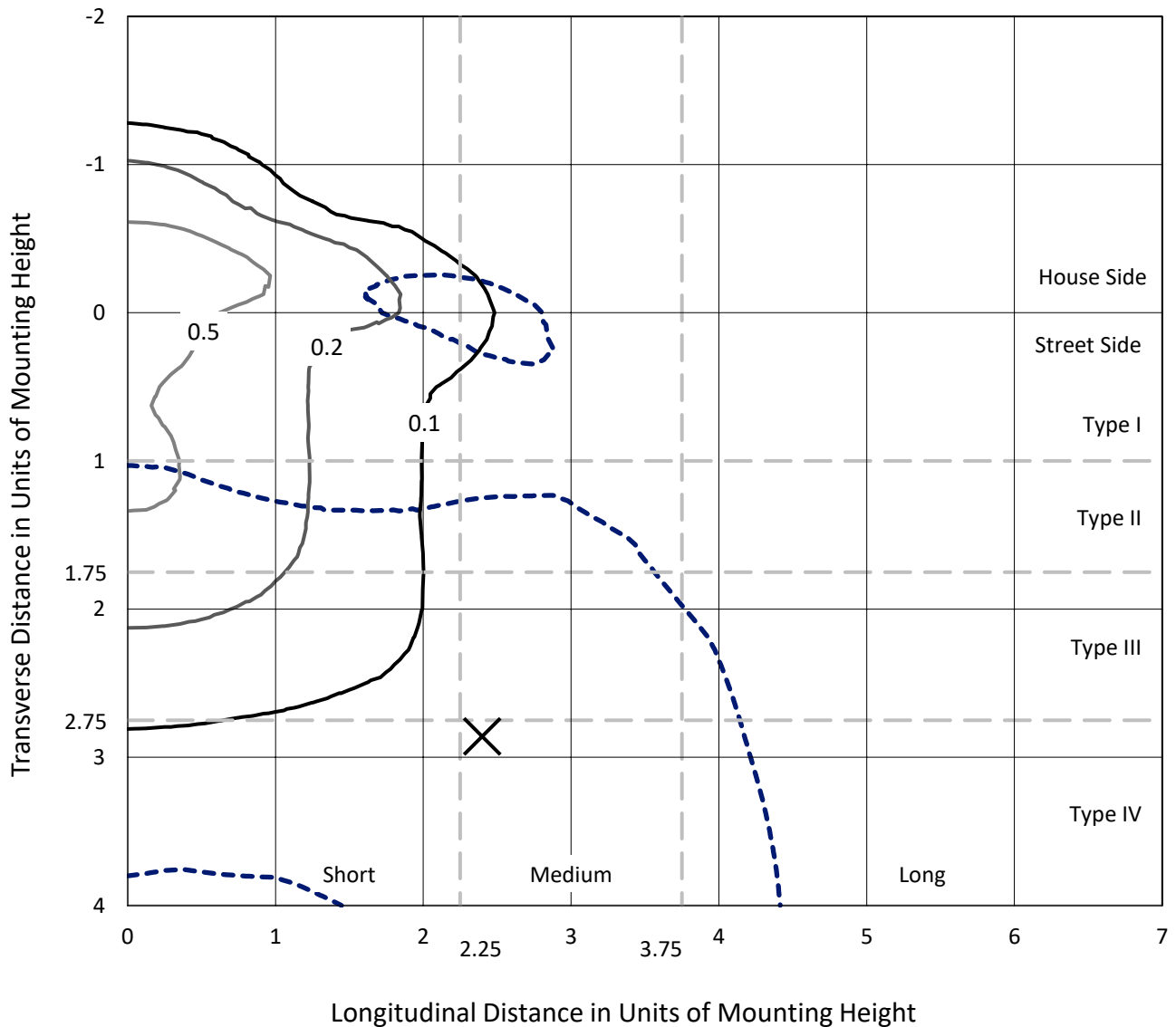
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

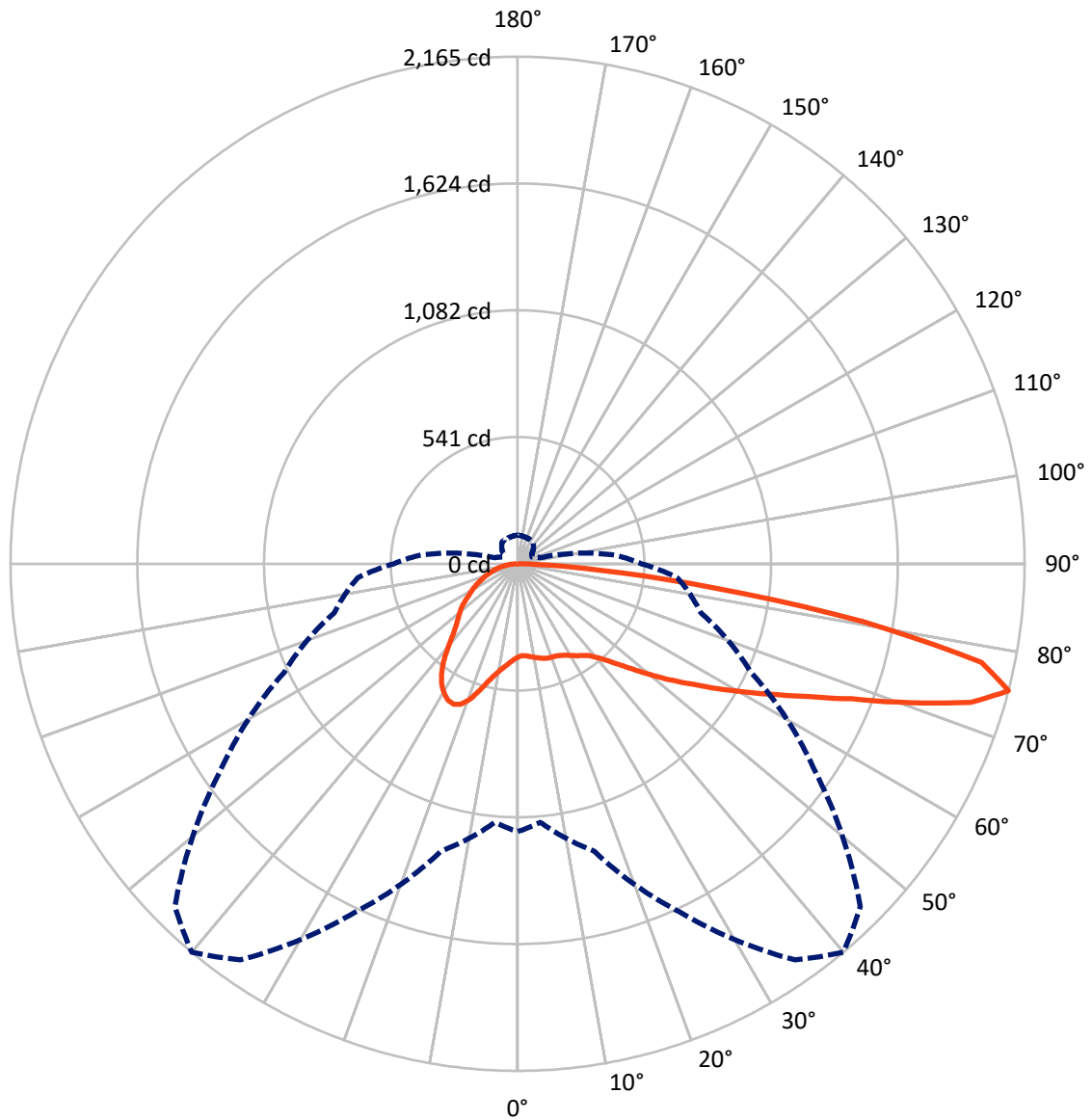
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.8 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 40-Deg Lateral - - - Horizontal Cone Through 75-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1077.6	0.0	1077.6
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	2400.4	0.0	2400.4
	% Fixture	69.0	0.0	69.0
Total	Lumens	3478.0	0.0	3478.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.7	1.1
10°-20°	133.3	3.8
20°-30°	243.4	7.0
30°-40°	345.2	9.9
40°-50°	466.1	13.4
50°-60°	627.0	18.0
60°-70°	795.8	22.9
70°-80°	722.3	20.8
80°-90°	105.3	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°	3478.0	100.0
0°-180°	3478.0	100.0

Coefficient of Utilization

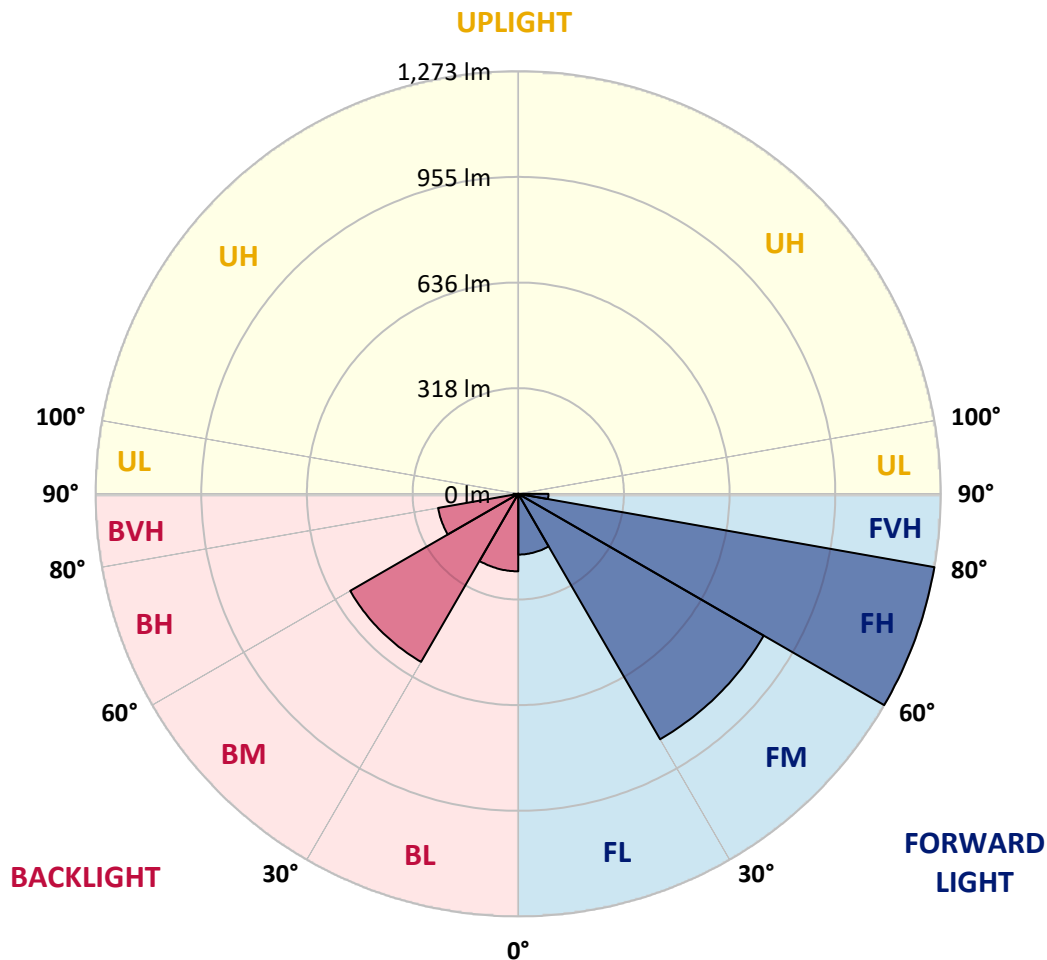


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	182.9	5.3			
FM (30°-60°)	853.8	24.5			
FH (60°-80°)	1272.9	36.6			G1/1800
FVH (80°-90°)	90.8	2.6			G1/100
BL (0°-30°)	233.4	6.7	B1/500		
BM (30°-60°)	584.5	16.8	B1/1000		
BH (60°-80°)	245.2	7.0	B1/500		G1/500
BVH (80°-90°)	14.5	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
 Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°
0°	397.7	397.7	397.7	397.7	397.7	397.7	397.7	397.7	397.7	397.7
2.5°	391.6	393.8	393.3	392.5	392.5	392.7	392.5	393.8	395.1	396.4
5°	395.7	397.9	396.8	395.9	395.1	394.9	394.4	394.2	394.9	396.6
7.5°	403.6	405.8	404.2	402.5	401.0	400.3	399.6	398.5	397.9	398.8
10°	412.5	414.7	412.7	409.7	407.3	406.4	405.6	404.5	403.8	404.4
12.5°	421.3	423.5	420.8	416.7	413.6	413.0	412.1	411.7	411.5	411.4
15°	429.6	431.5	428.0	423.2	419.9	418.9	418.0	418.6	419.5	420.6
17.5°	436.1	437.9	432.8	426.5	423.4	423.0	422.4	424.3	426.9	429.6
20°	442.0	443.8	437.2	428.7	425.0	425.0	425.2	429.1	432.8	436.8
22.5°	450.3	451.8	443.6	432.0	426.7	427.0	428.5	432.4	437.0	442.5
25°	462.6	463.8	453.8	438.3	432.2	433.3	434.6	436.5	440.9	447.3
27.5°	482.6	483.5	470.4	449.4	440.1	442.0	443.8	442.5	444.6	450.1
30°	510.6	511.2	494.6	466.7	453.6	454.5	454.9	449.5	445.7	450.1
32.5°	543.8	543.6	523.9	487.7	468.9	468.0	464.9	454.3	445.3	449.2
35°	595.3	593.3	567.8	517.2	486.3	480.5	473.2	459.7	447.2	448.3
37.5°	680.5	674.2	639.0	565.6	512.1	497.5	486.6	468.4	451.2	447.9
40°	776.6	768.7	729.9	631.8	550.8	527.4	509.9	480.7	457.9	449.5
42.5°	890.6	879.4	837.7	709.8	599.9	565.9	539.6	496.4	467.6	454.9
45°	1030.6	1015.7	956.7	797.8	661.7	616.5	581.3	520.2	482.6	465.2
47.5°	1172.1	1175.8	1091.9	898.5	735.8	678.8	633.5	556.0	504.3	481.8
50°	1322.5	1325.0	1226.3	1010.1	820.0	749.3	692.1	596.0	534.6	505.4
52.5°	1439.8	1440.1	1348.5	1126.9	907.6	826.8	755.4	641.8	569.6	536.8
55°	1513.2	1512.3	1434.1	1237.4	1008.3	908.1	825.5	693.8	612.4	573.7
57.5°	1566.5	1563.7	1493.1	1332.4	1115.7	1004.2	904.8	752.8	663.0	617.6
60°	1586.8	1585.1	1533.1	1414.5	1228.6	1110.5	996.3	818.9	720.3	669.4
62.5°	1594.5	1597.7	1572.4	1494.0	1349.4	1228.2	1096.8	897.8	784.9	728.1
65°	1621.8	1627.6	1622.4	1598.1	1485.9	1366.0	1230.2	991.7	855.4	791.0
67.5°	1675.9	1681.6	1683.8	1722.6	1652.7	1537.7	1396.6	1108.7	937.8	856.3
70°	1674.6	1672.9	1712.1	1821.6	1861.5	1775.5	1620.9	1252.5	1036.2	910.5
72.5°	1524.3	1511.0	1603.4	1820.5	2035.2	2023.8	1894.9	1438.1	1121.0	917.2
75°	1143.5	1108.1	1271.4	1640.7	2064.2	2164.7	2069.0	1553.2	1100.9	810.4
77.5°	489.0	453.4	645.8	1214.5	1847.5	2023.6	1909.2	1355.1	878.8	535.9
80°	128.0	127.8	195.2	550.6	1256.4	1494.4	1311.0	875.1	502.1	191.5
82.5°	52.9	51.7	71.8	214.2	613.9	838.6	684.4	390.3	181.3	51.8
85°	19.7	19.6	34.9	74.0	216.6	345.9	250.3	99.8	45.2	25.3
87.5°	5.5	5.3	7.6	25.6	52.8	80.1	42.8	16.4	12.7	10.0
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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CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
397.7	0°	397.7	397.7	397.7	397.7	397.7	397.7	397.7	397.7	397.7	397.7
398.5	2.5°	399.0	399.9	401.6	402.9	404.5	406.4	409.0	410.6	412.3	413.4
399.4	5°	400.7	402.7	406.9	411.2	416.2	420.8	426.1	430.0	433.1	434.1
402.7	7.5°	404.4	407.7	414.9	422.1	430.0	437.6	445.3	451.9	457.3	459.3
408.6	10°	410.8	415.2	425.4	435.5	446.0	457.7	467.6	477.2	484.8	487.9
415.6	12.5°	418.9	424.5	437.7	451.8	466.3	482.4	495.3	507.1	516.5	520.8
425.4	15°	429.4	436.6	453.6	472.4	493.8	516.1	532.6	545.7	556.2	561.3
435.5	17.5°	440.9	450.5	471.9	500.3	530.9	560.2	579.4	589.0	599.9	604.9
444.9	20°	451.9	463.8	494.4	535.7	576.5	607.6	623.1	625.7	626.5	627.0
453.8	22.5°	463.4	479.2	522.6	580.3	624.1	645.6	647.9	636.8	621.3	614.1
462.5	25°	475.9	497.0	559.5	629.6	665.0	667.6	650.6	623.7	594.4	580.9
469.5	27.5°	488.1	517.4	603.8	676.6	694.5	671.8	635.3	597.1	561.7	547.5
474.5	30°	500.3	540.9	652.6	717.8	708.0	661.3	611.1	568.5	532.9	518.0
478.9	32.5°	512.6	568.2	708.9	747.5	705.6	639.0	581.1	536.4	505.1	489.4
482.8	35°	526.7	601.7	762.2	763.7	689.5	606.2	541.4	498.1	470.8	458.2
487.4	37.5°	544.9	644.3	809.3	767.8	661.5	558.0	492.2	452.7	430.2	424.5
494.2	40°	567.6	695.6	845.2	761.3	620.0	499.5	438.3	406.8	394.0	395.3
503.4	42.5°	597.1	753.0	870.5	744.7	562.3	439.2	391.1	377.1	383.1	388.3
517.2	45°	635.5	812.6	886.2	716.5	497.0	388.1	363.2	366.5	371.2	371.7
539.6	47.5°	684.6	872.9	896.5	673.9	430.4	352.2	345.5	346.2	345.3	341.5
573.0	50°	745.8	931.6	905.7	617.4	373.7	329.6	320.8	318.2	305.5	292.9
617.4	52.5°	815.5	985.4	909.6	547.3	329.6	310.8	296.4	280.2	256.4	252.5
673.3	55°	893.0	1035.2	899.7	461.2	292.6	286.7	264.9	245.3	242.8	239.4
746.9	57.5°	985.6	1088.9	879.4	365.1	254.6	258.4	237.2	239.4	234.8	229.7
841.5	60°	1086.9	1144.4	843.8	277.4	215.3	223.2	230.0	229.8	228.6	224.3
941.3	62.5°	1178.0	1181.0	773.7	212.5	180.8	195.9	214.5	214.4	213.2	210.8
1045.6	65°	1232.2	1175.4	656.7	167.3	152.4	173.4	193.5	195.0	195.2	195.0
1124.0	67.5°	1222.7	1110.7	496.2	133.2	128.9	150.5	172.7	174.7	176.2	176.5
1133.9	70°	1114.2	968.5	323.6	106.3	108.1	130.4	152.9	155.0	156.2	157.7
984.0	72.5°	868.5	712.0	185.2	86.0	89.8	113.1	133.4	135.8	136.5	139.3
684.7	75°	529.2	418.7	100.0	67.7	73.8	96.7	114.0	116.8	118.1	121.4
336.3	77.5°	251.6	181.3	57.0	52.8	59.4	79.0	96.3	99.4	95.9	97.8
92.8	80°	85.0	67.3	36.0	40.2	45.4	61.6	77.1	80.2	72.9	72.5
30.8	82.5°	29.7	27.3	22.9	26.7	29.3	44.1	58.3	62.4	54.2	54.0
13.8	85°	11.6	11.1	12.7	14.6	17.5	27.1	38.4	40.4	33.4	26.9
4.1	87.5°	2.4	2.6	3.1	3.3	5.3	9.4	13.8	17.0	13.5	11.4
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°
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397.7
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