

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: P944845

Luminaire Tested: **GLAN-SB1A-722-U-T2U-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P944845
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB1A-722-U-T2U-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 2200K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE II U OPTICS
WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2833 lumens
Efficiency: N/A
Efficacy: 91.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - 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

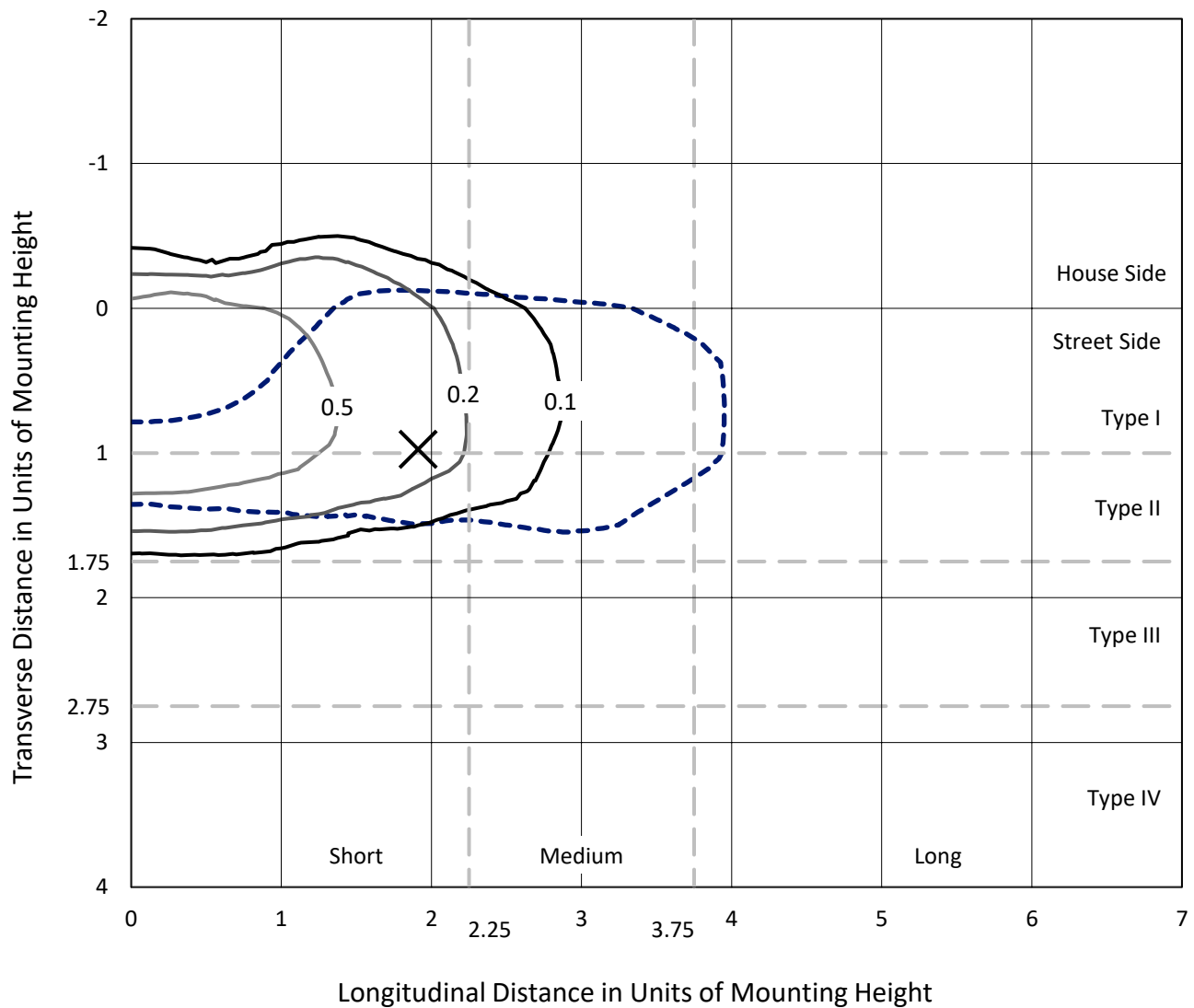


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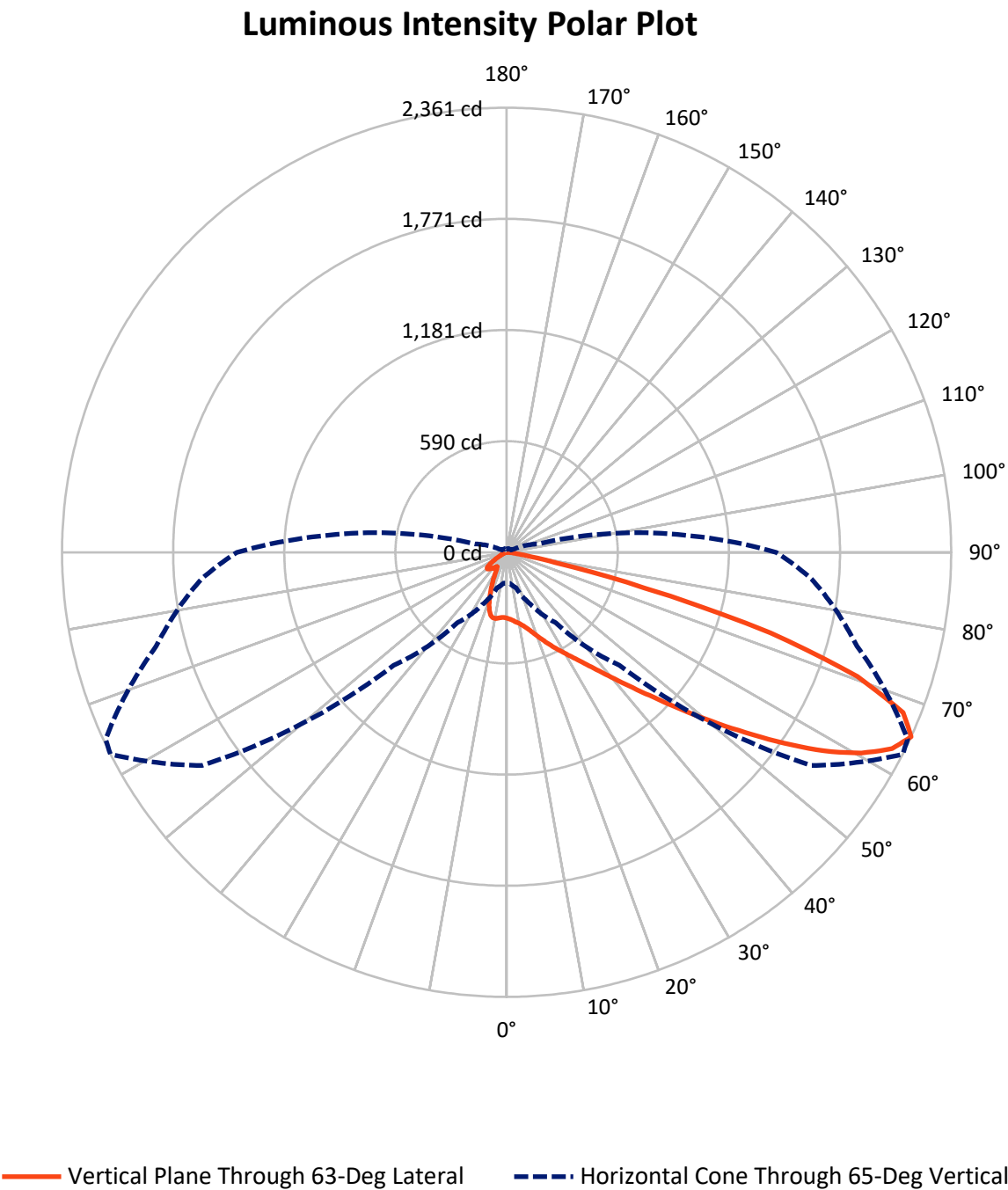
Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1 fc
Type II - Short - N/A

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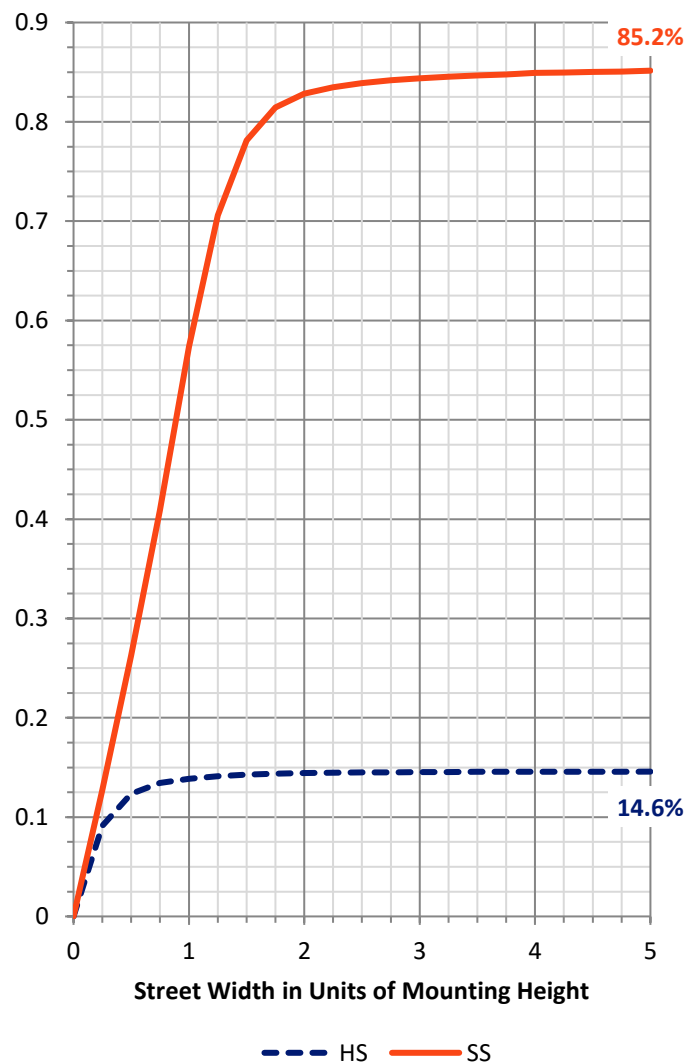
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	416.4	0.0	416.4
	% Fixture	14.7	0.0	14.7
Street Side	Lumens	2416.6	0.0	2416.6
	% Fixture	85.3	0.0	85.3
Total	Lumens	2833.0	0.0	2833.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.9	1.2
10°-20°	91.4	3.2
20°-30°	159.2	5.6
30°-40°	286.9	10.1
40°-50°	569.0	20.1
50°-60°	775.0	27.4
60°-70°	618.6	21.8
70°-80°	279.9	9.9
80°-90°	20.1	0.7
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°	2833.0	100.0
0°-180°	2833.0	100.0

Coefficient of Utilization



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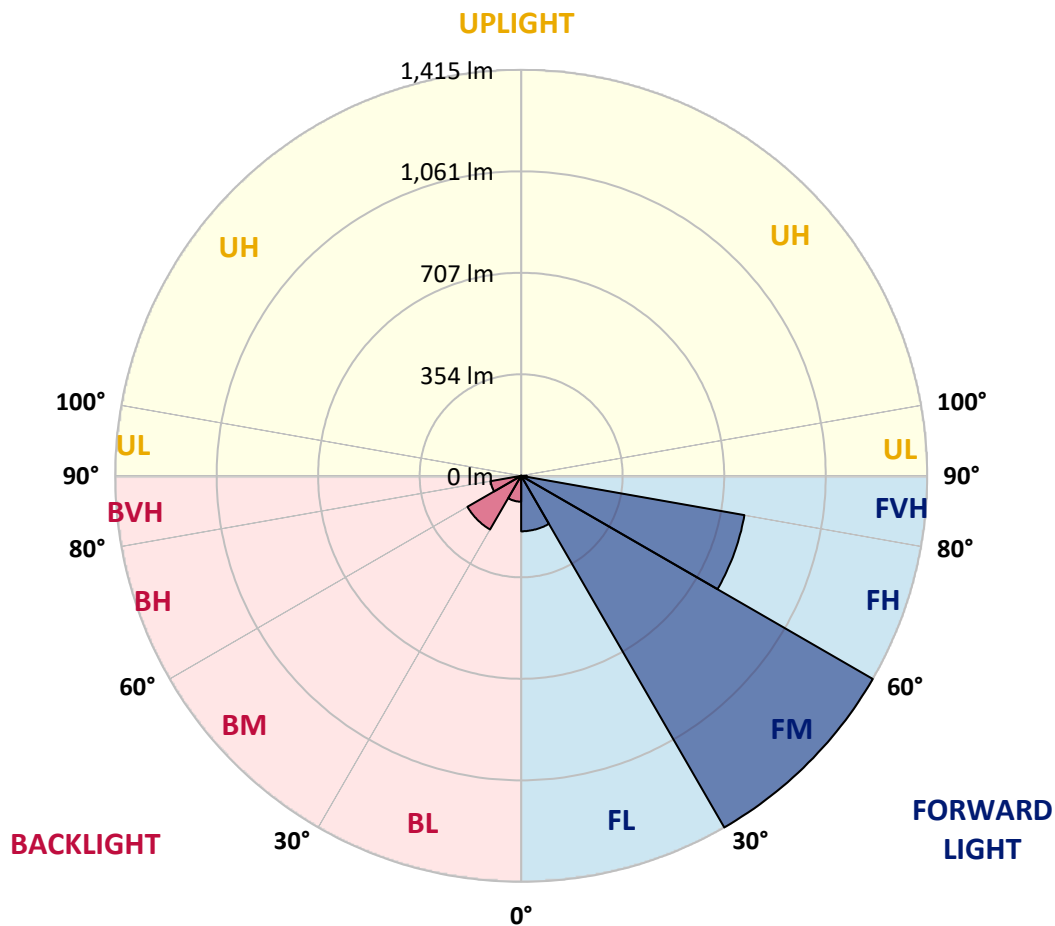
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	193.4	6.8			
FM	(30°-60°)	1414.7	49.9			
FH	(60°-80°)	789.8	27.9			G1/1800
FVH	(80°-90°)	18.6	0.7			G1/100
BL	(0°-30°)	90.1	3.2	B0/110		
BM	(30°-60°)	216.1	7.6	B0/220		
BH	(60°-80°)	108.7	3.8	B0/110		G0/110
BVH	(80°-90°)	1.5	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°
0°	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6
2.5°	357.8	356.9	358.2	357.6	357.2	356.5	356.1	355.7	354.9	354.3
5°	358.8	358.2	359.6	360.8	361.9	363.1	363.7	364.5	363.7	362.1
7.5°	350.6	350.2	353.2	356.7	361.9	366.4	371.3	374.0	374.2	373.6
10°	350.0	349.1	352.0	356.3	363.1	371.1	379.7	385.5	386.3	388.8
12.5°	359.2	358.2	362.3	367.0	374.0	382.4	392.9	401.1	402.3	405.8
15°	374.6	373.2	377.9	383.9	392.9	402.5	413.6	421.0	422.0	426.2
17.5°	392.5	391.2	396.6	403.0	412.8	425.9	438.7	446.9	448.1	450.8
20°	415.5	413.8	418.1	423.9	434.2	449.8	465.2	476.9	476.7	476.7
22.5°	442.2	439.5	443.2	447.9	457.6	476.5	497.0	510.8	510.8	505.4
25°	470.9	468.1	472.2	476.5	485.1	506.5	530.5	547.7	548.4	539.1
27.5°	506.7	503.2	506.3	511.4	516.5	538.3	566.8	586.6	587.0	572.6
30°	575.7	565.8	556.0	550.6	552.9	574.6	605.0	627.0	628.9	609.1
32.5°	702.0	700.1	665.8	620.9	597.6	613.5	647.6	674.1	675.3	649.8
35°	898.3	895.9	840.8	755.4	679.2	665.8	699.5	730.9	730.1	701.2
37.5°	1132.5	1130.4	1057.7	943.5	820.1	744.7	766.3	799.3	804.1	766.3
40°	1332.7	1324.7	1278.7	1168.6	1007.2	875.7	861.4	883.3	888.3	843.5
42.5°	1484.3	1477.5	1454.1	1385.3	1233.7	1069.4	973.5	981.9	987.5	933.8
45°	1562.9	1561.3	1570.7	1564.2	1464.5	1307.2	1133.7	1098.8	1101.0	1033.7
47.5°	1574.0	1573.2	1615.9	1676.3	1662.9	1575.4	1339.3	1244.6	1237.0	1146.6
50°	1508.5	1506.9	1588.8	1702.0	1795.4	1800.7	1572.8	1408.9	1392.2	1263.3
52.5°	1299.4	1299.0	1433.5	1621.9	1842.0	1997.9	1803.6	1589.4	1561.3	1386.9
55°	999.8	1007.0	1161.2	1384.0	1757.0	2092.8	2010.8	1789.7	1746.7	1511.2
57.5°	708.3	718.8	871.2	1069.6	1493.5	2036.7	2150.9	1990.5	1944.1	1635.2
60°	380.4	389.8	542.4	779.2	1111.1	1827.4	2224.8	2164.7	2120.9	1752.9
62.5°	226.7	229.8	292.9	503.0	751.5	1396.0	2193.4	2297.4	2261.4	1851.7
65°	162.7	163.3	195.1	307.2	456.3	848.2	1973.3	2361.0	2349.9	1926.2
67.5°	137.0	136.6	149.9	204.1	310.9	424.9	1512.4	2271.1	2318.3	1973.3
70°	117.5	118.1	133.7	149.5	233.7	240.5	751.9	1977.4	2078.0	1985.8
72.5°	87.5	89.5	103.9	136.2	176.4	165.5	259.6	1466.2	1648.1	1871.0
75°	61.8	62.8	73.1	114.6	131.6	120.4	132.5	758.0	991.1	1434.4
77.5°	47.6	49.3	55.4	80.1	129.6	84.6	81.1	262.3	403.0	866.5
80°	25.7	28.8	40.0	57.9	91.0	59.8	40.1	104.5	136.6	405.2
82.5°	13.3	14.8	27.9	41.7	51.8	52.2	19.9	43.5	56.3	125.1
85°	5.3	6.4	18.7	23.0	26.7	25.7	9.0	17.5	20.3	34.7
87.5°	1.2	1.9	6.8	5.3	5.1	5.5	2.1	4.1	3.9	4.1
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°
349.6	0°	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6
352.0	2.5°	351.8	351.0	348.9	346.5	343.8	342.2	341.3	341.1	339.7	338.7
359.8	5°	357.6	356.9	352.8	347.9	342.6	338.5	334.6	331.1	326.1	325.1
371.1	7.5°	369.3	367.2	360.6	353.9	344.0	332.1	317.7	301.1	286.3	281.8
386.1	10°	383.8	380.8	372.4	360.8	338.7	306.4	271.5	239.1	213.4	206.2
403.8	12.5°	400.1	397.6	386.5	364.8	316.7	258.0	204.6	164.5	139.5	133.3
422.7	15°	419.6	415.9	400.5	358.6	277.3	196.1	140.5	116.7	107.8	106.6
444.4	17.5°	440.3	434.2	413.0	336.2	224.3	139.4	108.6	101.7	97.8	96.7
466.2	20°	459.2	451.4	420.4	302.3	167.6	108.6	97.3	92.8	89.3	87.9
488.0	22.5°	478.1	467.0	420.4	256.1	125.7	96.3	89.3	85.2	81.1	79.3
511.4	25°	497.8	483.0	413.0	204.6	101.2	88.3	81.7	77.2	73.7	71.5
533.6	27.5°	516.9	496.4	396.0	155.9	90.0	81.3	74.6	70.4	67.0	65.5
557.8	30°	535.0	509.7	372.3	118.3	82.8	74.5	68.2	64.5	61.2	59.6
589.2	32.5°	559.6	526.4	346.9	97.1	76.6	68.0	62.4	58.9	55.9	54.8
629.9	35°	593.7	551.2	325.1	95.3	71.3	62.8	57.1	53.8	50.9	49.9
682.5	37.5°	642.0	591.1	313.6	107.0	67.0	58.1	52.8	49.3	46.6	45.8
749.4	40°	701.6	645.3	319.8	118.7	64.1	54.0	48.9	45.4	43.1	42.1
826.2	42.5°	772.4	712.2	354.3	127.7	62.2	50.5	45.2	41.3	39.8	39.4
913.3	45°	853.7	785.6	407.1	137.2	59.1	47.2	41.5	38.6	37.4	37.2
1008.0	47.5°	946.0	866.3	468.3	149.1	55.9	44.0	38.6	36.6	35.7	35.3
1106.8	50°	1037.6	947.6	531.3	155.7	53.4	41.1	36.3	34.7	33.9	33.7
1211.3	52.5°	1133.5	1031.2	582.2	149.5	51.3	38.8	34.3	33.1	32.4	32.2
1307.6	55°	1224.9	1098.8	590.9	126.9	47.0	36.4	32.2	31.6	30.6	30.6
1405.2	57.5°	1303.7	1132.7	529.0	93.2	42.7	32.9	30.0	29.4	28.6	28.5
1493.3	60°	1376.0	1123.0	408.3	62.8	38.0	29.4	27.3	26.9	26.1	25.1
1569.9	62.5°	1416.7	1080.1	279.3	40.9	33.3	25.7	24.2	24.0	22.2	20.3
1626.6	65°	1432.1	992.0	174.2	29.8	27.9	22.0	20.9	20.5	17.9	15.8
1658.8	67.5°	1418.7	847.0	87.9	23.6	22.0	18.3	17.2	17.2	15.4	13.4
1656.8	70°	1364.9	635.0	37.0	18.9	17.0	14.0	14.0	14.8	13.1	10.9
1570.9	72.5°	1248.1	427.2	19.7	14.4	12.7	9.9	11.5	12.1	10.3	8.2
1285.7	75°	992.2	260.6	13.6	10.7	8.0	7.0	8.8	9.2	7.0	5.5
881.5	77.5°	678.6	149.7	9.2	6.8	5.1	4.1	6.0	5.7	3.7	2.5
339.9	80°	298.0	62.4	5.3	3.1	1.9	1.6	2.1	1.6	1.2	0.8
46.6	82.5°	34.9	14.6	1.9	1.2	0.8	0.4	0.2	0.0	0.0	0.0
14.2	85°	7.2	1.8	1.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0
2.5	87.5°	1.4	0.4	0.2	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°
349.6
339.7
324.7
279.7
203.5
131.6
105.4
96.1
87.1
78.3
70.7
65.5
59.8
54.8
49.9
45.6
41.9
39.4
37.0
35.3
33.7
32.2
30.4
28.3
24.9
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