

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: P845698

Luminaire Tested: **GLAN-SB1A-722-U-T3**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P845698  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/26/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB1A-722-U-T3  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 70 CRI, 2200K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE III OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3511 lumens  
Efficiency: N/A  
Efficacy: 113.6 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

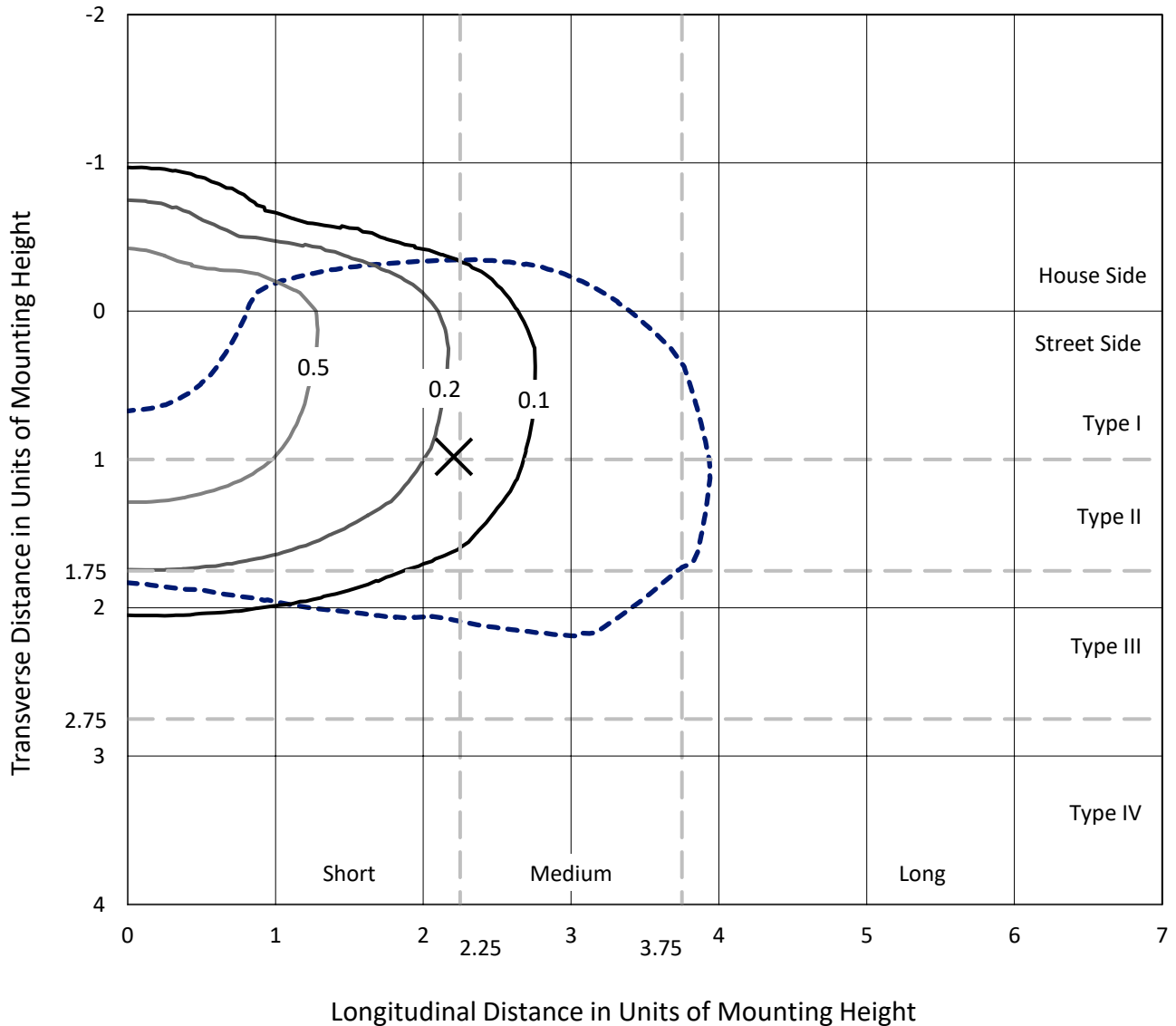
Input Watts (W): 30.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

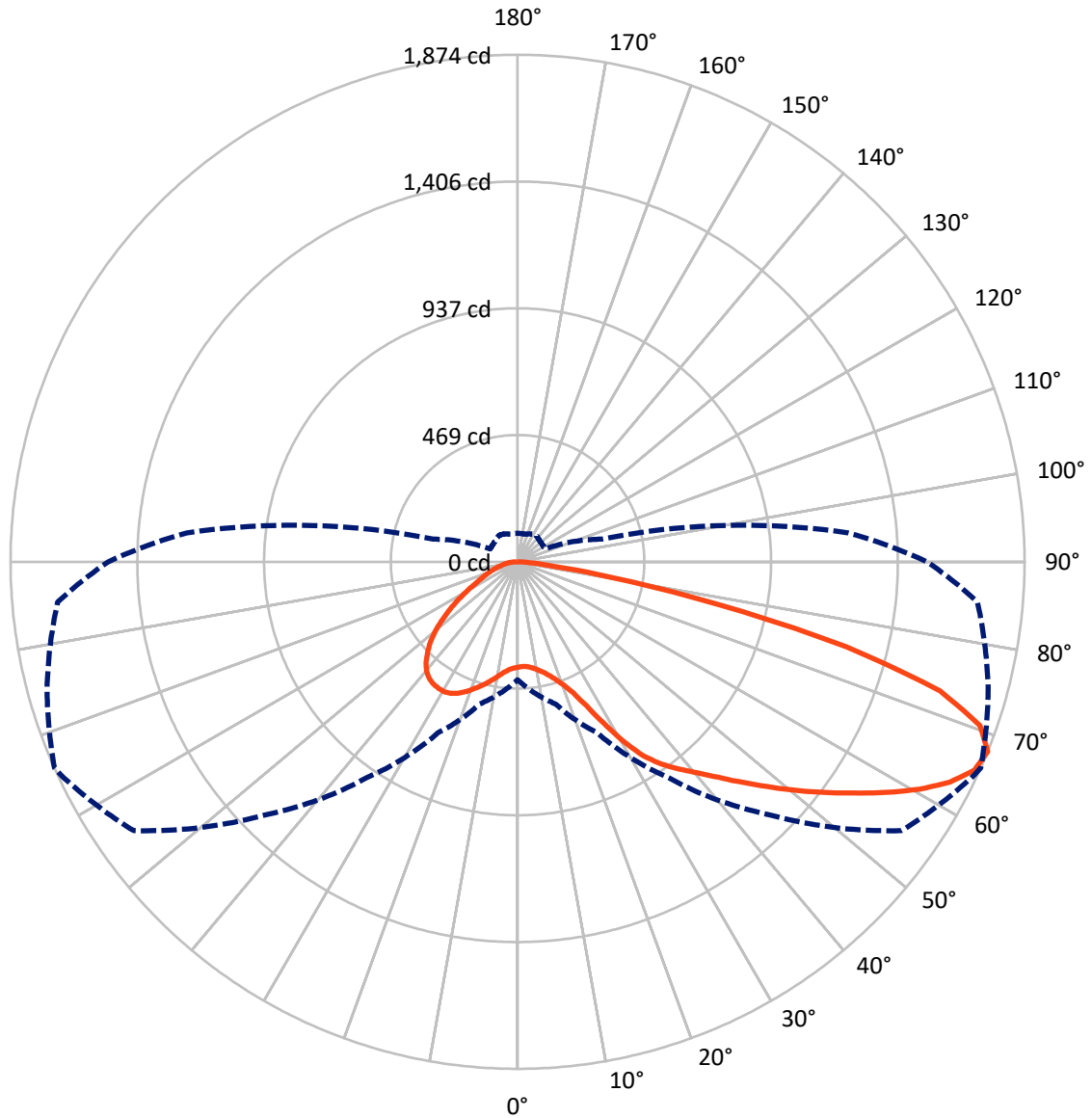
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.9 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical

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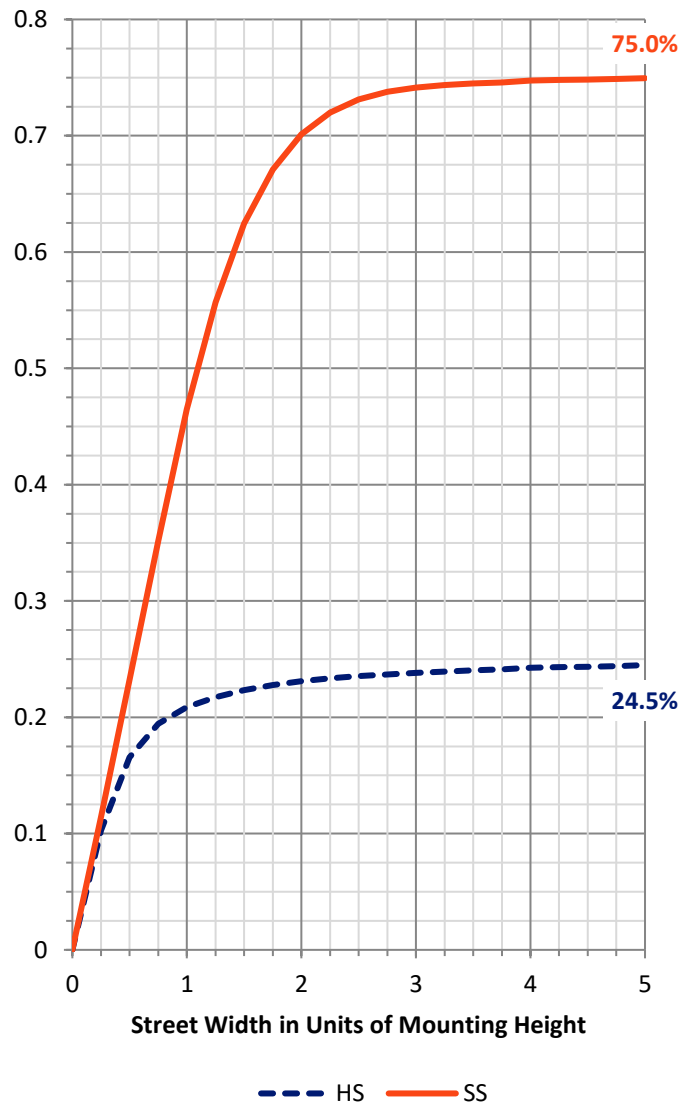
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	873.0	0.0	873.0
	% Fixture	24.9	0.0	24.9
<b>Street Side</b>	Lumens	2638.0	0.0	2638.0
	% Fixture	75.1	0.0	75.1
<b>Total</b>	Lumens	3511.0	0.0	3511.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	38.6	1.1
10°-20°	127.6	3.6
20°-30°	245.9	7.0
30°-40°	431.1	12.3
40°-50°	640.9	18.3
50°-60°	812.4	23.1
60°-70°	794.9	22.6
70°-80°	379.2	10.8
80°-90°	40.5	1.2
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°	3511.0	100.0
0°-180°	3511.0	100.0

**Coefficient of Utilization**



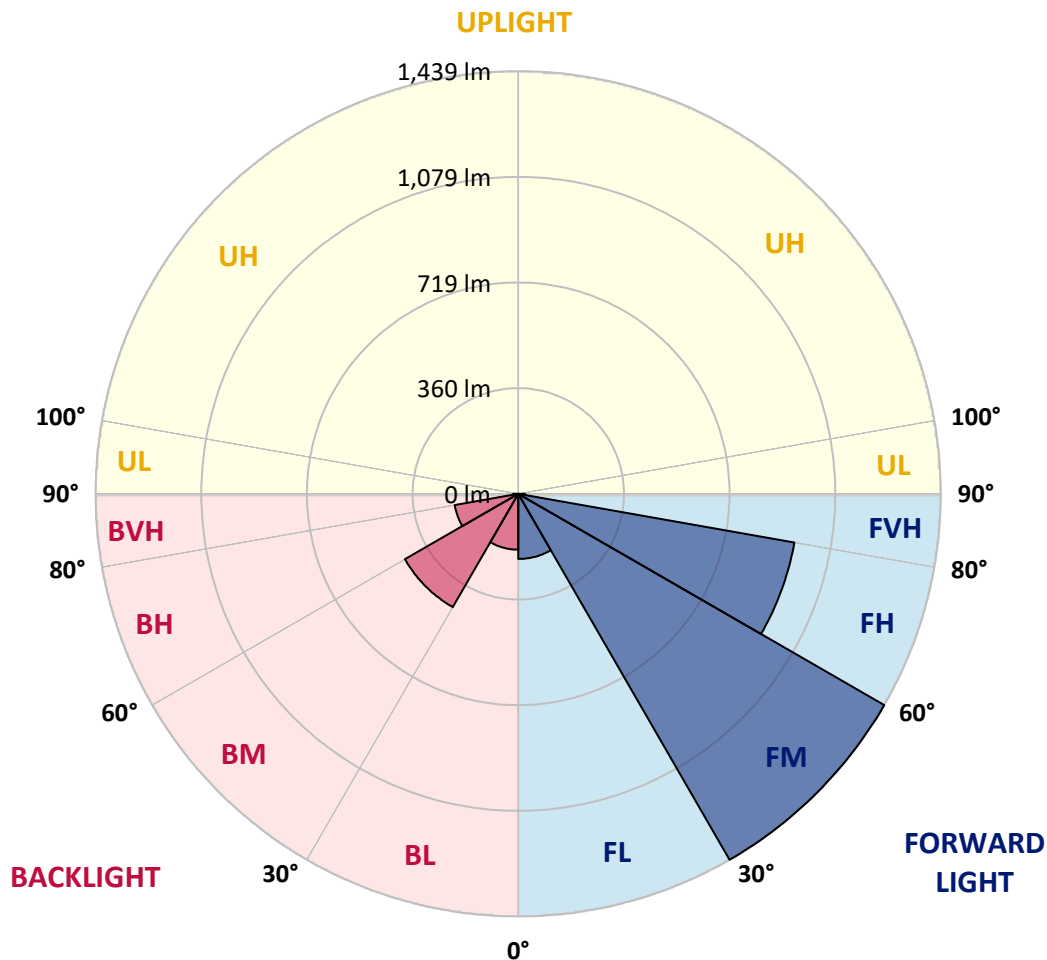
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	221.9	6.3			
FM (30°-60°)	1438.8	41.0			
FH (60°-80°)	954.4	27.2			G1/1800
FVH (80°-90°)	23.0	0.7			G1/100
BL (0°-30°)	190.2	5.4	B1/500		
BM (30°-60°)	445.6	12.7	B1/1000		
BH (60°-80°)	219.7	6.3	B1/500		G1/500
BVH (80°-90°)	17.5	0.5			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 III Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°
0°	389.4	389.4	389.4	389.4	389.4	389.4	389.4	389.4	389.4	389.4
2.5°	385.4	387.6	387.0	386.1	385.9	386.3	386.8	387.4	387.2	388.1
5°	384.3	386.5	386.3	386.3	387.0	388.5	389.4	390.3	389.4	390.5
7.5°	385.0	386.6	387.4	388.1	390.0	392.7	395.0	397.0	395.9	397.2
10°	394.4	395.7	396.4	396.4	397.7	400.9	403.1	406.8	405.8	407.9
12.5°	411.6	412.8	412.8	412.1	413.0	415.1	415.8	419.9	418.2	421.5
15°	432.6	435.2	433.1	431.8	432.2	434.2	434.1	437.2	435.5	438.3
17.5°	455.8	459.1	455.8	455.6	454.9	457.1	457.3	460.1	457.1	459.1
20°	483.3	487.9	485.2	486.1	484.4	485.3	486.3	490.3	485.7	487.2
22.5°	522.1	527.6	524.6	528.1	527.0	526.3	526.1	533.3	526.1	526.7
25°	578.5	585.1	580.0	584.8	584.8	587.2	589.9	599.2	587.2	583.7
27.5°	661.9	668.5	658.4	661.3	660.4	666.3	663.4	686.2	673.3	667.6
30°	762.2	774.0	754.9	754.1	753.2	762.6	766.8	782.0	768.9	763.2
32.5°	870.7	883.1	860.2	853.5	850.0	855.8	852.3	864.4	855.4	846.5
35°	985.4	997.6	975.8	962.9	948.9	936.9	924.4	927.5	919.0	905.6
37.5°	1093.9	1116.2	1093.2	1079.3	1053.5	1030.1	995.0	980.5	972.5	960.2
40°	1204.4	1217.1	1199.6	1187.8	1159.8	1123.1	1067.0	1036.2	1025.5	1013.5
42.5°	1285.8	1297.9	1288.5	1280.4	1258.5	1215.8	1143.3	1104.8	1089.3	1075.8
45°	1350.3	1359.4	1353.5	1356.4	1347.0	1305.7	1222.5	1178.4	1162.3	1145.9
47.5°	1376.3	1385.9	1395.3	1412.9	1428.9	1398.5	1307.5	1258.1	1241.1	1224.3
50°	1373.4	1383.2	1410.5	1447.7	1497.5	1487.4	1397.2	1342.9	1327.3	1308.1
52.5°	1349.8	1360.8	1395.9	1457.9	1537.2	1554.0	1488.5	1430.6	1415.8	1392.9
55°	1287.8	1294.4	1347.0	1434.8	1546.6	1600.5	1578.0	1523.9	1509.1	1477.2
57.5°	1172.9	1182.5	1259.0	1372.6	1523.0	1632.0	1656.5	1622.0	1607.8	1561.9
60°	1022.9	1038.2	1125.8	1268.2	1462.8	1631.8	1727.9	1718.5	1706.7	1645.3
62.5°	853.2	870.9	955.2	1120.7	1357.7	1585.5	1772.6	1799.3	1793.2	1722.2
65°	655.2	667.4	751.3	929.7	1194.1	1486.1	1777.7	1854.5	1855.6	1780.7
67.5°	436.3	471.3	544.2	697.7	974.9	1323.6	1732.4	1863.5	1874.2	1800.8
70°	212.9	259.0	330.4	453.4	697.7	1074.4	1613.7	1789.4	1813.2	1742.1
72.5°	88.4	103.3	142.2	223.8	400.5	725.0	1375.4	1588.3	1632.4	1543.6
75°	59.6	64.6	81.4	114.7	182.4	357.5	991.9	1184.3	1255.3	1165.9
77.5°	45.9	49.1	59.2	80.2	108.5	135.2	530.9	713.7	750.4	694.7
80°	36.2	38.6	44.3	58.5	76.9	72.3	181.0	323.4	344.6	289.1
82.5°	31.4	32.3	31.7	39.7	51.1	42.2	59.4	119.4	131.7	95.6
85°	22.7	25.3	26.4	24.5	27.1	21.4	24.4	42.2	46.5	41.5
87.5°	9.2	13.7	16.8	15.9	10.0	6.1	7.6	12.4	14.2	15.5
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°
389.4	0°	389.4	389.4	389.4	389.4	389.4	389.4	389.4	389.4	389.4	389.4
389.6	2.5°	389.8	391.1	392.0	393.1	393.8	395.0	397.2	398.5	398.6	399.6
392.6	5°	393.3	395.1	397.2	400.1	403.4	406.2	410.4	413.4	414.5	415.4
399.7	7.5°	400.9	403.4	407.1	412.3	417.1	420.8	425.9	429.4	433.0	434.2
411.2	10°	412.1	415.8	421.1	428.2	433.3	438.1	443.5	446.4	449.9	451.4
424.8	12.5°	426.1	430.0	437.0	446.8	451.6	454.9	456.7	456.0	456.7	458.0
441.3	15°	442.2	446.4	454.3	464.9	468.2	465.2	461.2	457.5	456.9	457.3
461.2	17.5°	461.2	464.3	473.5	482.4	480.0	467.8	459.0	453.1	450.1	449.2
486.6	20°	487.7	487.7	495.3	500.8	484.8	464.1	450.3	440.7	434.6	432.0
521.3	22.5°	520.0	517.1	521.9	518.0	483.9	453.8	434.6	418.0	408.8	405.1
569.8	25°	561.0	557.5	556.2	532.2	477.2	437.4	406.2	386.1	378.0	375.9
639.7	27.5°	622.8	613.9	597.1	539.9	465.0	411.6	373.0	354.4	349.8	349.9
729.6	30°	705.0	687.3	646.2	541.2	445.1	375.0	339.1	325.8	323.6	324.5
805.0	32.5°	781.2	764.4	696.4	535.3	414.5	339.2	308.6	299.8	296.4	297.6
862.6	35°	841.0	836.4	742.9	527.0	376.9	305.7	281.3	273.8	267.3	265.8
916.8	37.5°	897.4	895.6	777.7	515.4	339.6	281.9	259.4	249.4	240.0	234.8
976.8	40°	959.4	957.6	800.6	497.5	306.6	261.2	239.6	226.5	214.9	205.5
1044.7	42.5°	1029.2	1018.3	811.5	471.9	278.5	243.7	223.6	205.9	190.6	181.9
1121.4	45°	1105.3	1080.8	811.3	439.2	254.9	227.6	206.4	181.3	167.1	159.0
1200.2	47.5°	1186.1	1140.6	801.3	403.1	232.1	209.9	179.9	160.7	151.3	146.3
1285.8	50°	1269.5	1196.5	784.4	361.6	208.6	189.8	163.3	150.2	143.0	138.4
1370.6	52.5°	1347.9	1247.2	763.9	314.5	184.8	170.3	155.9	145.7	138.2	133.0
1452.9	55°	1420.8	1290.9	734.9	266.4	165.5	157.2	152.4	143.9	135.2	129.1
1536.5	57.5°	1485.5	1319.3	684.9	221.2	151.6	148.1	148.7	140.8	130.8	125.6
1618.7	60°	1539.4	1340.2	611.0	179.3	140.4	139.3	143.0	134.8	123.2	117.3
1688.3	62.5°	1571.7	1339.8	520.2	146.8	130.8	131.2	135.4	127.5	115.7	110.1
1724.6	65°	1568.9	1307.0	420.6	125.6	121.6	121.9	127.5	119.4	109.4	106.1
1706.3	67.5°	1513.4	1226.9	322.6	111.8	111.4	113.1	119.5	113.8	105.5	105.1
1597.5	70°	1363.0	1060.7	232.4	100.7	100.9	103.3	111.8	110.3	103.5	104.2
1343.1	72.5°	1093.0	808.7	156.1	89.1	89.3	93.2	104.4	107.5	101.5	111.2
953.0	75°	727.9	504.3	100.4	76.7	76.9	81.9	98.0	102.2	95.9	110.9
495.9	77.5°	349.8	226.7	72.7	64.6	64.6	69.2	84.7	91.5	81.7	86.1
159.4	80°	120.8	85.2	57.2	52.0	50.9	54.0	71.4	79.3	70.5	64.9
52.0	82.5°	47.6	44.3	45.9	40.4	36.7	38.7	55.5	65.5	51.8	46.9
29.3	85°	27.3	28.8	32.5	26.7	21.2	23.8	40.8	47.0	39.1	34.5
9.6	87.5°	7.4	10.1	14.9	13.8	9.6	10.1	19.4	26.0	22.5	17.3
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°
389.4
399.4
415.2
434.4
452.1
458.4
458.6
450.5
431.5
404.5
376.3
350.5
327.6
299.0
266.9
235.0
206.4
182.4
158.6
145.2
136.7
130.8
126.7
122.3
114.7
108.5
105.9
105.7
104.0
112.7
111.8
79.0
60.9
46.7
35.2
17.9
0.0

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