

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: P852321

Luminaire Tested: **GLAN-SB3A-722-U-T4FT**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P852321
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3A-722-U-T4FT
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV
FORWARD THROW OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10402 lumens
Efficiency: N/A
Efficacy: 122.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

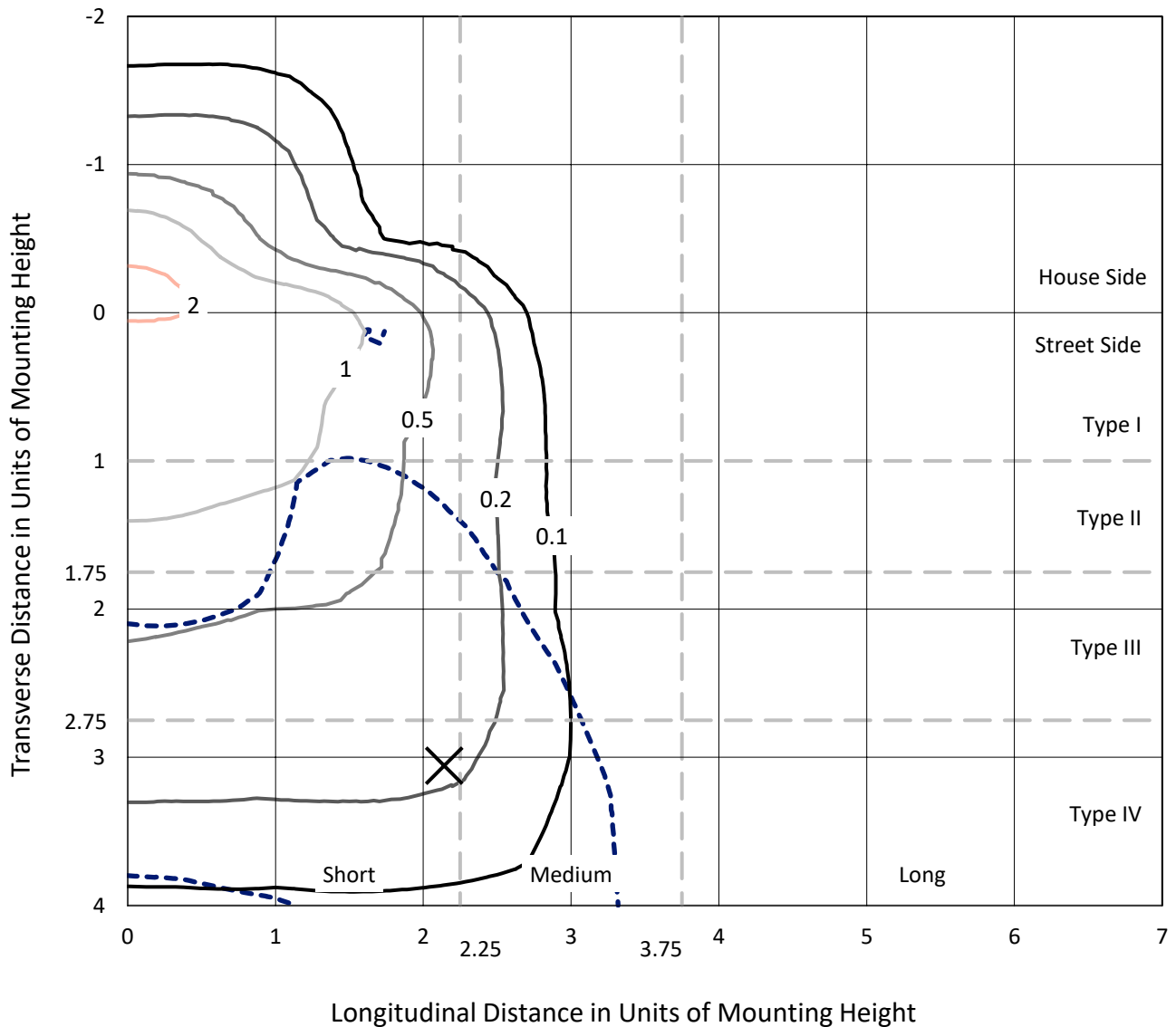
Input Watts (W): 84.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

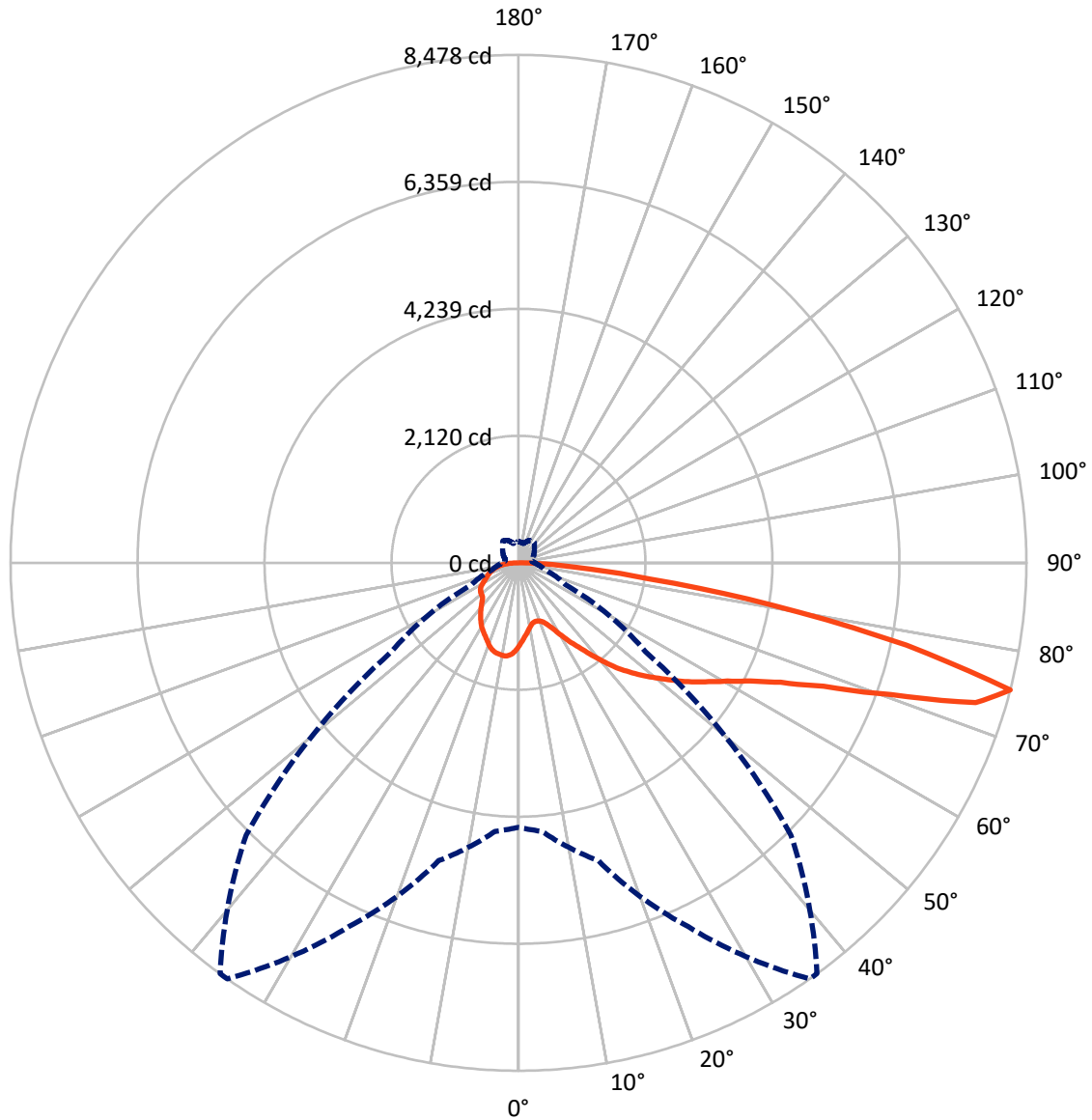
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral - - - Horizontal Cone Through 75-Deg Vertical

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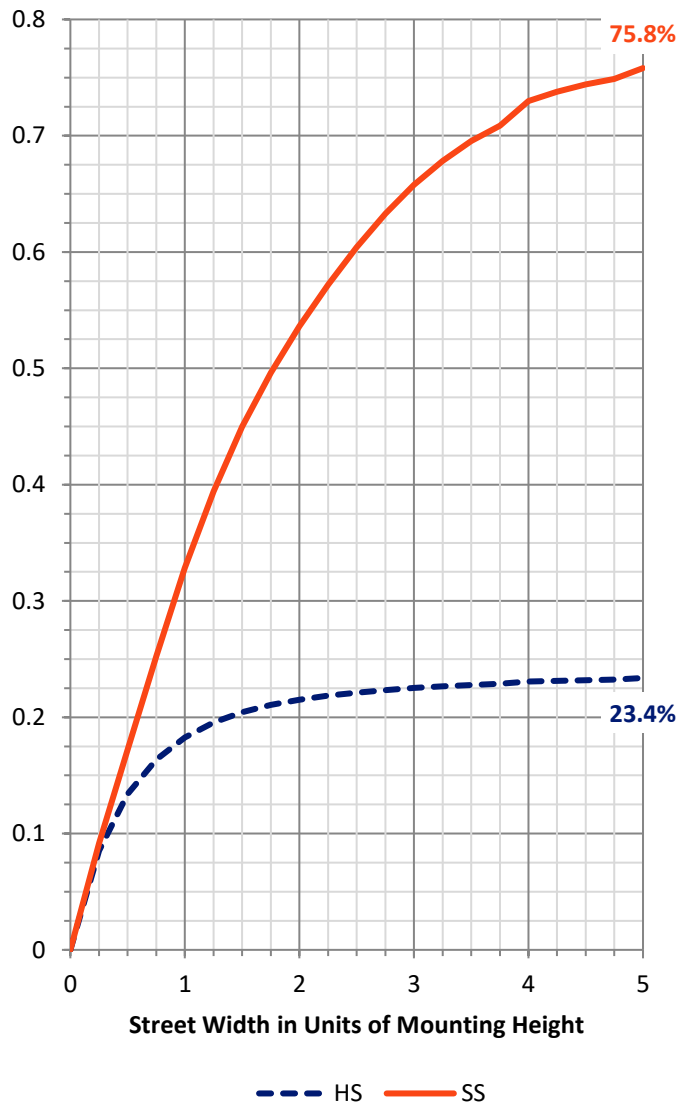
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2475.4	0.0	2475.4
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	7926.6	0.0	7926.6
	% Fixture	76.2	0.0	76.2
Total	Lumens	10402.0	0.0	10402.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.2	1.3
10°-20°	378.6	3.6
20°-30°	635.7	6.1
30°-40°	987.9	9.5
40°-50°	1466.4	14.1
50°-60°	2024.4	19.5
60°-70°	2456.1	23.6
70°-80°	2029.8	19.5
80°-90°	291.9	2.8
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°	10402.0	100.0
0°-180°	10402.0	100.0

Coefficient of Utilization



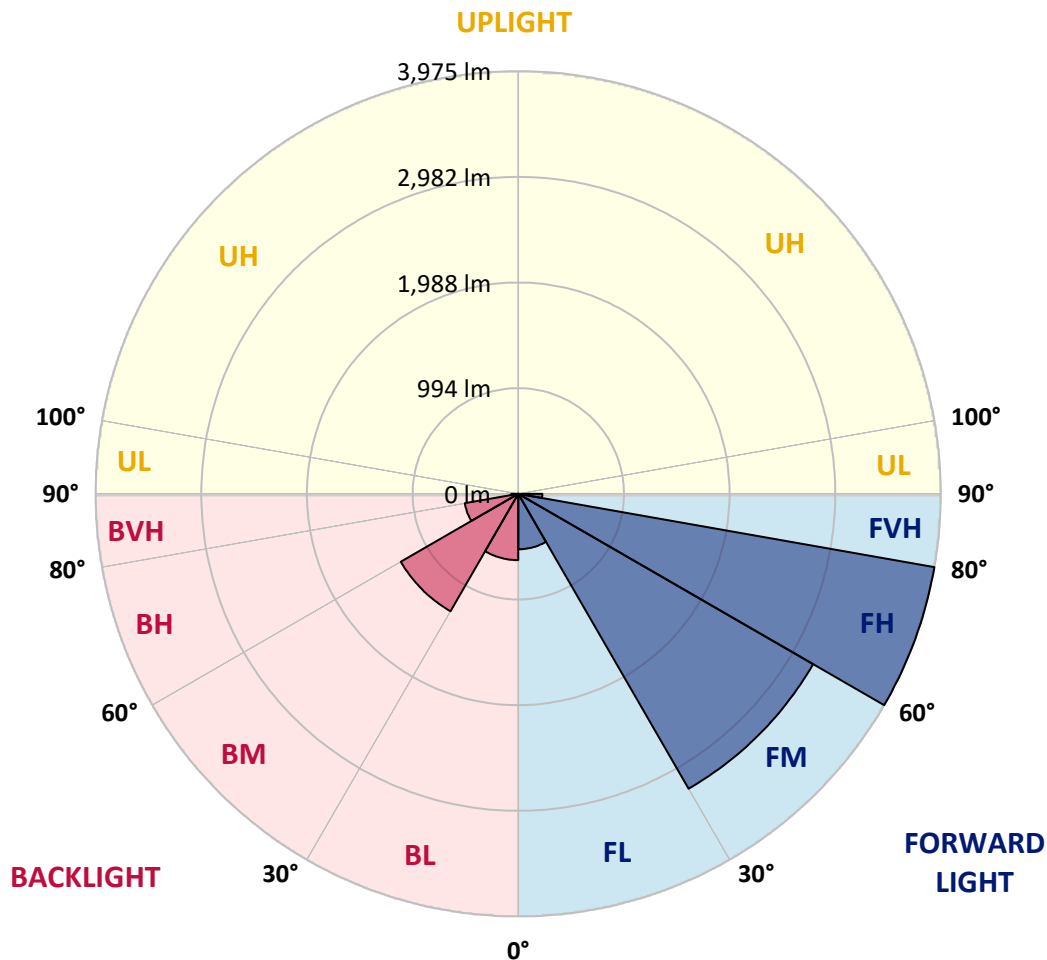
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	521.6	5.0			
FM (30°-60°)	3203.3	30.8			
FH (60°-80°)	3975.5	38.2			G2/5000
FVH (80°-90°)	226.2	2.2			G3/500
BL (0°-30°)	623.8	6.0	B2/1000		
BM (30°-60°)	1275.5	12.3	B2/2500		
BH (60°-80°)	510.4	4.9	B2/1000		G2/1000
BVH (80°-90°)	65.7	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°
0°	1386.1	1386.1	1386.1	1386.1	1386.1	1386.1	1386.1	1386.1	1386.1	1386.1
2.5°	1278.2	1286.0	1289.4	1287.7	1296.2	1295.0	1306.8	1321.5	1341.7	1361.4
5°	1179.8	1188.2	1195.5	1202.3	1218.6	1223.6	1242.2	1270.3	1307.4	1345.1
7.5°	1088.1	1095.4	1106.7	1119.0	1146.6	1151.6	1182.6	1226.4	1278.2	1333.3
10°	1013.3	1020.6	1032.4	1046.5	1080.8	1087.0	1126.3	1184.8	1252.3	1322.0
12.5°	981.3	983.5	990.3	1004.3	1034.1	1038.1	1081.4	1148.3	1227.0	1313.6
15°	979.6	984.1	984.6	991.9	1016.7	1018.4	1058.3	1124.7	1211.3	1311.9
17.5°	996.4	999.8	994.8	999.3	1020.1	1022.9	1054.4	1113.4	1206.2	1319.2
20°	1041.4	1044.2	1029.1	1022.9	1038.1	1040.3	1071.2	1120.7	1211.3	1334.4
22.5°	1137.0	1138.7	1101.6	1076.3	1077.4	1078.5	1105.5	1150.5	1230.9	1362.0
25°	1286.0	1284.9	1225.9	1177.0	1148.8	1142.6	1160.6	1198.9	1264.1	1398.5
27.5°	1460.4	1451.9	1392.9	1319.8	1258.5	1249.5	1245.6	1261.9	1311.3	1446.9
30°	1657.2	1649.3	1585.8	1490.2	1405.3	1390.6	1353.5	1345.1	1381.6	1512.7
32.5°	1873.1	1868.1	1792.1	1676.3	1562.7	1545.8	1483.4	1460.9	1489.6	1612.2
35°	2054.2	2049.7	1986.7	1867.5	1728.6	1707.8	1644.2	1618.9	1633.6	1739.8
37.5°	2217.8	2215.6	2161.6	2067.7	1924.3	1899.0	1827.6	1819.1	1816.3	1908.0
40°	2369.6	2364.0	2307.8	2258.3	2152.0	2129.0	2066.0	2058.7	2037.3	2114.9
42.5°	2537.8	2523.2	2441.6	2418.6	2389.9	2370.8	2333.1	2334.2	2287.0	2348.3
45°	2675.0	2666.6	2582.8	2569.3	2600.2	2592.3	2624.9	2633.4	2541.7	2592.9
47.5°	2822.3	2814.4	2743.6	2734.0	2817.8	2820.1	2935.3	2938.2	2790.3	2847.1
50°	3004.0	2992.7	2922.4	2934.2	3028.1	3036.6	3247.4	3228.3	3019.1	3105.2
52.5°	3123.7	3130.5	3115.3	3134.4	3262.6	3270.5	3554.5	3505.5	3245.8	3359.9
55°	3212.0	3225.5	3272.7	3316.6	3510.0	3517.9	3844.1	3769.3	3433.6	3596.1
57.5°	3325.6	3306.5	3394.8	3480.2	3745.1	3765.9	4125.8	4023.5	3600.0	3799.6
60°	3488.7	3475.2	3543.8	3670.3	4008.3	4041.4	4423.8	4252.3	3722.0	3961.0
62.5°	3819.3	3785.6	3796.3	3908.2	4340.0	4383.9	4760.1	4451.9	3782.8	4024.0
65°	4313.6	4255.7	4201.7	4279.3	4807.3	4850.6	5139.7	4608.8	3760.3	3902.0
67.5°	4936.1	4878.8	4812.4	4885.5	5495.6	5529.9	5608.1	4697.1	3583.1	3431.9
70°	5449.5	5428.1	5507.4	5808.3	6595.0	6596.1	6208.7	4624.0	3097.9	2433.2
72.5°	5381.5	5368.5	5786.3	6716.4	7980.5	7950.7	6777.2	4070.7	2086.8	1097.7
75°	4414.8	4498.6	5145.9	6700.1	8478.2	8474.3	6429.1	2587.8	863.2	454.9
77.5°	2367.4	2500.1	3340.8	4946.8	6618.6	6718.1	4520.0	905.3	370.6	291.3
80°	772.1	887.9	1331.6	2518.7	4300.7	4282.1	1937.2	355.4	253.6	206.4
82.5°	327.8	341.3	594.9	1189.3	2207.1	2172.8	616.9	204.1	178.3	141.1
85°	128.2	143.4	262.6	550.0	956.0	935.2	222.7	101.2	114.2	92.2
87.5°	42.2	51.2	93.9	188.4	297.5	286.8	54.5	34.9	49.5	42.2
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°
1386.1	0°	1386.1	1386.1	1386.1	1386.1	1386.1	1386.1	1386.1	1386.1	1386.1	1386.1
1390.1	2.5°	1397.9	1406.9	1417.6	1433.4	1446.9	1458.1	1469.9	1477.2	1480.0	1488.5
1392.3	5°	1408.1	1427.7	1454.2	1480.0	1505.4	1520.5	1534.0	1540.8	1547.0	1551.5
1398.5	7.5°	1424.9	1450.2	1491.9	1525.6	1547.0	1559.3	1568.3	1566.1	1568.3	1569.5
1405.3	10°	1439.6	1475.0	1524.5	1556.5	1572.8	1573.4	1571.1	1563.3	1559.3	1559.9
1415.4	12.5°	1457.0	1496.4	1549.8	1576.8	1581.3	1568.9	1559.3	1545.8	1540.8	1538.5
1430.6	15°	1480.6	1525.6	1577.3	1587.5	1576.2	1560.5	1544.2	1522.2	1511.0	1502.0
1456.4	17.5°	1509.3	1558.8	1598.7	1591.4	1567.2	1541.3	1514.9	1481.7	1458.7	1449.1
1491.9	20°	1549.2	1593.6	1615.0	1583.0	1546.4	1507.0	1462.1	1421.6	1400.2	1390.6
1536.8	22.5°	1597.6	1640.3	1630.7	1568.3	1516.6	1453.6	1397.4	1367.6	1356.9	1350.1
1594.8	25°	1655.5	1692.0	1642.0	1547.0	1467.7	1382.8	1339.5	1329.9	1324.8	1319.8
1665.6	27.5°	1730.8	1750.5	1650.4	1515.5	1391.2	1307.4	1291.7	1293.4	1291.7	1283.2
1764.0	30°	1830.4	1826.4	1658.3	1464.3	1303.5	1239.4	1240.5	1247.8	1248.9	1243.3
1901.2	32.5°	1961.4	1921.5	1662.2	1397.9	1219.7	1179.8	1180.9	1188.8	1194.4	1184.8
2080.6	35°	2120.0	2032.3	1656.1	1314.7	1155.0	1123.0	1114.5	1116.8	1118.5	1109.5
2298.2	37.5°	2305.0	2156.5	1628.5	1222.5	1101.6	1067.3	1049.3	1034.1	1025.1	1016.7
2544.5	40°	2508.0	2292.0	1577.9	1132.5	1042.0	1008.3	981.3	952.6	922.2	911.0
2805.5	42.5°	2720.5	2431.5	1516.6	1046.5	973.4	945.8	917.2	875.5	830.0	806.9
3076.5	45°	2941.0	2574.3	1456.4	961.6	903.1	891.3	858.1	808.1	758.6	729.3
3348.1	47.5°	3156.9	2709.3	1368.1	876.1	837.3	850.2	824.4	778.3	723.2	677.0
3617.5	50°	3363.3	2835.8	1223.6	789.5	783.9	837.9	813.1	746.8	683.8	624.7
3881.7	52.5°	3568.0	2938.2	1038.6	710.8	755.2	834.5	798.5	725.4	648.4	586.5
4130.3	55°	3741.7	2991.0	860.4	643.3	713.6	805.8	781.1	700.1	598.3	532.5
4300.7	57.5°	3840.7	2948.3	711.9	576.9	656.2	758.6	751.3	646.1	538.7	488.1
4333.9	60°	3798.0	2775.1	590.4	519.0	601.7	707.4	699.5	592.7	493.2	445.4
4156.2	62.5°	3562.3	2445.0	494.3	468.4	552.2	655.1	647.8	551.6	458.3	412.2
3684.4	65°	3087.7	1989.0	419.5	426.2	502.2	592.1	602.8	517.3	430.7	385.8
2850.4	67.5°	2355.0	1440.7	361.0	389.7	453.2	530.3	561.2	492.6	407.7	365.0
1649.3	70°	1342.3	818.2	311.5	354.3	409.9	472.9	529.2	472.9	382.9	347.5
618.0	72.5°	508.9	375.6	269.4	318.8	368.3	424.6	493.7	442.0	354.3	327.8
319.4	75°	271.6	228.9	226.6	277.2	320.5	377.3	449.3	411.6	332.9	346.4
221.0	77.5°	185.0	162.0	189.5	237.3	268.2	325.0	402.1	365.5	288.5	287.3
153.0	80°	128.2	114.7	154.1	191.2	207.5	273.3	350.9	313.8	235.1	219.3
94.5	82.5°	77.0	74.8	115.3	142.8	146.8	210.9	290.7	263.2	192.3	167.6
56.2	85°	42.2	44.4	73.7	83.8	85.5	147.3	227.7	203.6	147.9	124.3
20.2	87.5°	11.8	15.2	27.0	33.2	41.0	76.5	135.5	120.9	74.2	51.7
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°
1386.1
1487.9
1552.6
1571.1
1561.0
1537.4
1504.8
1449.7
1389.5
1351.3
1319.8
1284.9
1246.1
1189.3
1115.7
1022.3
916.0
809.8
727.1
672.0
619.7
579.8
526.9
481.4
438.6
404.9
378.4
358.2
343.0
323.3
357.6
264.9
209.7
168.7
125.4
51.7
0.0

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