

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: P940369

Luminaire Tested: **GLAN-SB3B-927-U-T4FT**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P940369
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3B-927-U-T4FT
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV
FORWARD THROW OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10164 lumens
Efficiency: N/A
Efficacy: 93.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G2

Input Watts (W): 109.2
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

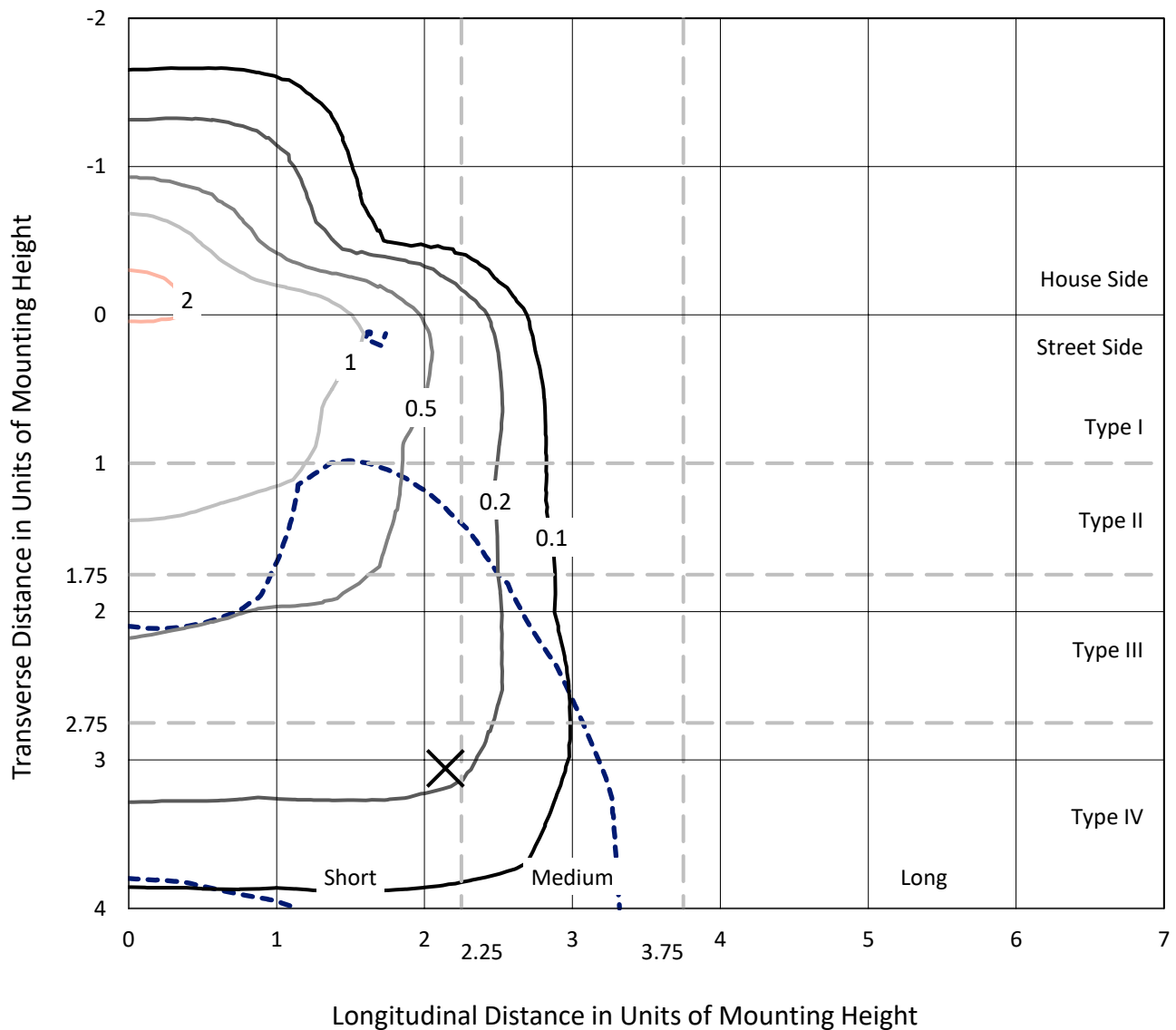


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Iso-Footcandle Lines of Horizontal Illumination

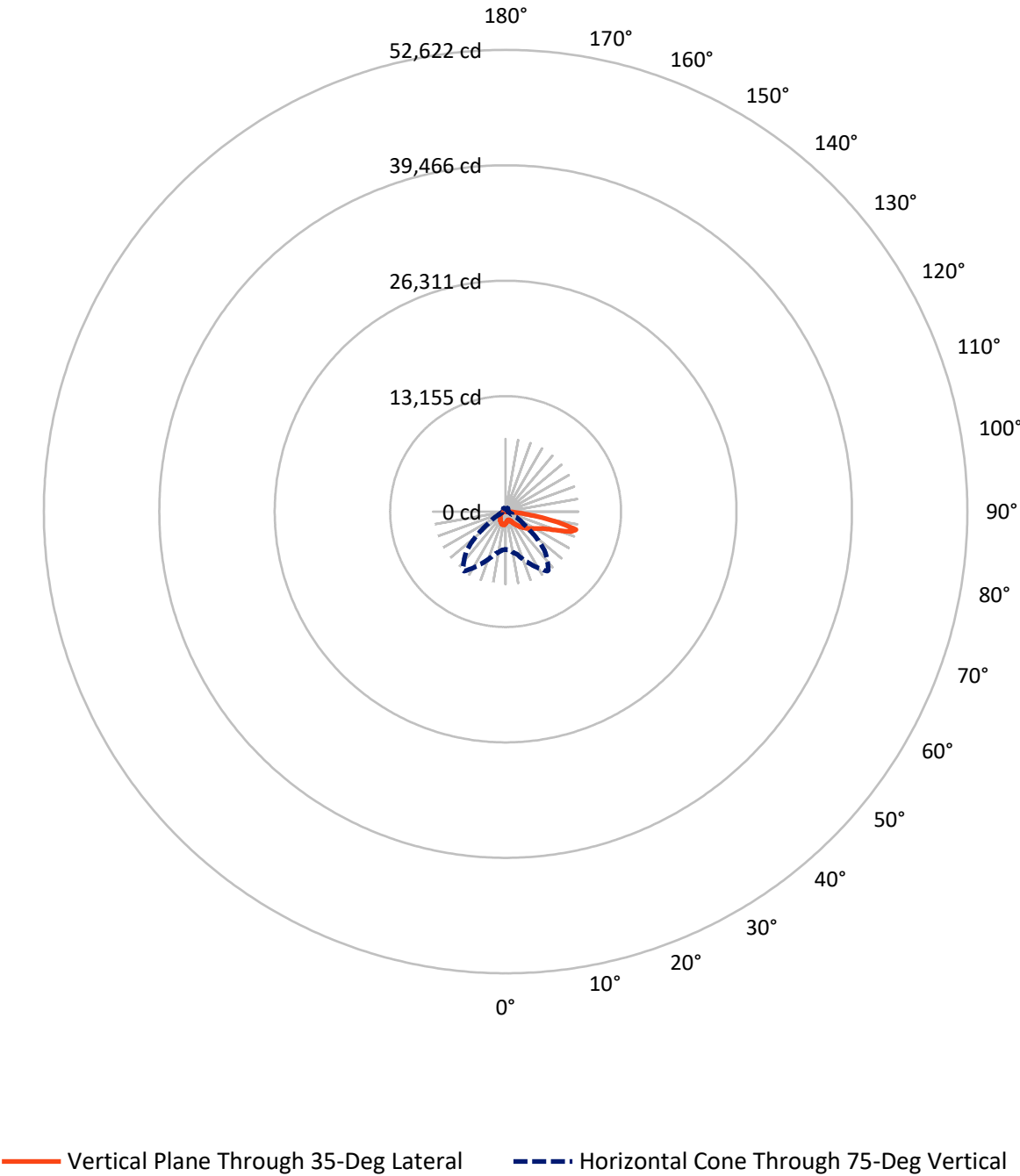
× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.4 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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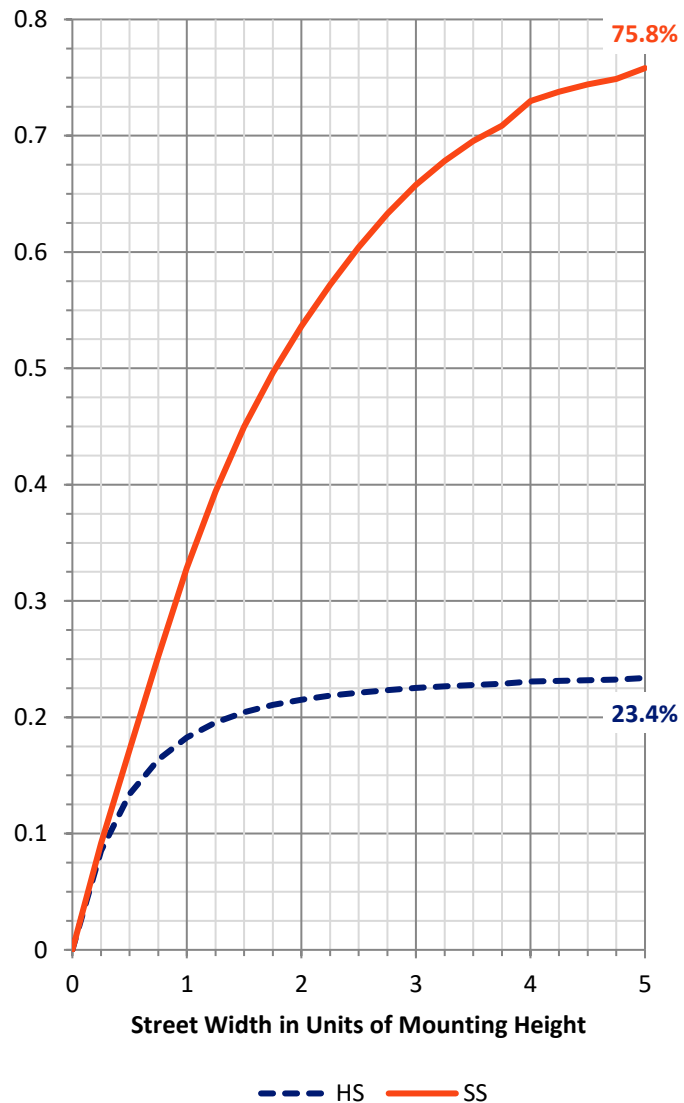
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2418.8	0.0	2418.8
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	7745.2	0.0	7745.2
	% Fixture	76.2	0.0	76.2
Total	Lumens	10164.0	0.0	10164.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.2	1.3
10°-20°	369.9	3.6
20°-30°	621.1	6.1
30°-40°	965.3	9.5
40°-50°	1432.8	14.1
50°-60°	1978.1	19.5
60°-70°	2399.9	23.6
70°-80°	1983.3	19.5
80°-90°	285.3	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°	10164.0	100.0
0°-180°	10164.0	100.0

Coefficient of Utilization



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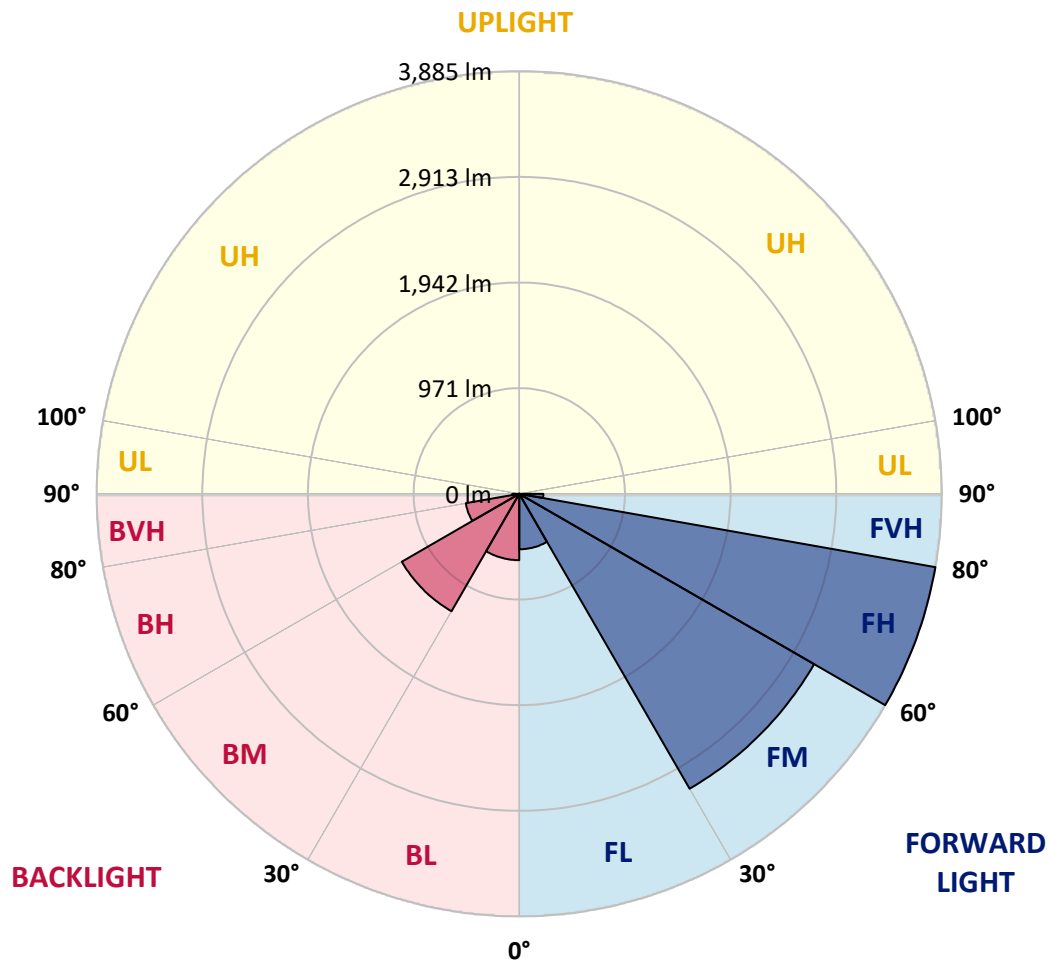
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	509.7	5.0			
FM	(30°-60°)	3130.0	30.8			
FH	(60°-80°)	3884.5	38.2			G2/5000
FVH	(80°-90°)	221.0	2.2			G2/225
BL	(0°-30°)	609.6	6.0	B2/1000		
BM	(30°-60°)	1246.3	12.3	B2/2500		
BH	(60°-80°)	498.7	4.9	B1/500		G1/500
BVH	(80°-90°)	64.2	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-G2

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°
0°	1354.4	1354.4	1354.4	1354.4	1354.4	1354.4	1354.4	1354.4	1354.4	1354.4
2.5°	1248.9	1256.6	1259.9	1258.3	1266.5	1265.4	1276.9	1291.2	1311.0	1330.2
5°	1152.8	1161.0	1168.2	1174.7	1190.7	1195.6	1213.8	1241.2	1277.5	1314.3
7.5°	1063.2	1070.4	1081.3	1093.4	1120.4	1125.3	1155.5	1198.4	1248.9	1302.8
10°	990.1	997.3	1008.8	1022.5	1056.1	1062.1	1100.6	1157.7	1223.7	1291.8
12.5°	958.8	961.0	967.6	981.3	1010.5	1014.3	1056.6	1122.0	1198.9	1283.5
15°	957.2	961.6	962.1	969.2	993.4	995.1	1034.1	1098.9	1183.5	1281.9
17.5°	973.6	976.9	972.0	976.4	996.7	999.5	1030.2	1087.9	1178.6	1289.0
20°	1017.6	1020.3	1005.5	999.5	1014.3	1016.5	1046.7	1095.1	1183.5	1303.9
22.5°	1111.0	1112.7	1076.4	1051.7	1052.8	1053.9	1080.2	1124.2	1202.8	1330.8
25°	1256.6	1255.5	1197.8	1150.0	1122.5	1116.5	1134.1	1171.5	1235.2	1366.5
27.5°	1427.0	1418.7	1361.0	1289.6	1229.7	1220.9	1217.1	1233.0	1281.3	1413.8
30°	1619.3	1611.6	1549.5	1456.1	1373.1	1358.8	1322.6	1314.3	1350.0	1478.1
32.5°	1830.3	1825.3	1751.1	1637.9	1527.0	1510.5	1449.5	1427.5	1455.5	1575.3
35°	2007.2	2002.8	1941.2	1824.8	1689.0	1668.7	1606.6	1581.9	1596.2	1700.0
37.5°	2167.1	2164.9	2112.1	2020.4	1880.3	1855.5	1785.7	1777.5	1774.8	1864.3
40°	2315.4	2309.9	2255.0	2206.6	2102.8	2080.3	2018.7	2011.6	1990.7	2066.5
42.5°	2479.7	2465.4	2385.8	2363.2	2335.2	2316.5	2279.7	2280.8	2234.7	2294.5
45°	2613.8	2605.5	2523.7	2510.5	2540.7	2533.0	2564.9	2573.1	2483.6	2533.6
47.5°	2757.7	2750.1	2680.8	2671.5	2753.3	2755.5	2868.2	2870.9	2726.4	2781.9
50°	2935.2	2924.2	2855.5	2867.1	2958.8	2967.1	3173.1	3154.5	2950.1	3034.1
52.5°	3052.3	3058.9	3044.0	3062.7	3188.0	3195.7	3473.1	3425.3	3171.5	3283.0
55°	3138.5	3151.7	3197.9	3240.7	3429.7	3437.4	3756.1	3683.0	3355.0	3513.8
57.5°	3249.5	3230.8	3317.1	3400.6	3659.4	3679.7	4031.4	3931.4	3517.7	3712.7
60°	3408.9	3395.7	3462.7	3586.3	3916.6	3949.0	4322.6	4155.0	3636.9	3870.4
62.5°	3731.9	3699.0	3709.4	3818.8	4240.7	4283.6	4651.2	4350.1	3696.2	3931.9
65°	4214.9	4158.3	4105.6	4181.4	4697.3	4739.7	5022.1	4503.4	3674.2	3812.7
67.5°	4823.2	4767.1	4702.3	4773.7	5369.9	5403.4	5479.8	4589.6	3501.2	3353.4
70°	5324.8	5303.9	5381.4	5675.4	6444.1	6445.2	6066.6	4518.2	3027.0	2377.5
72.5°	5258.3	5245.7	5654.0	6562.8	7798.0	7768.8	6622.1	3977.5	2039.1	1072.5
75°	4313.8	4395.7	5028.1	6546.8	8284.2	8280.4	6282.0	2528.6	843.4	444.5
77.5°	2313.2	2442.9	3264.3	4833.6	6467.2	6564.4	4416.6	884.6	362.1	284.6
80°	754.4	867.6	1301.1	2461.0	4202.3	4184.1	1892.9	347.3	247.8	201.7
82.5°	320.3	333.5	581.3	1162.1	2156.6	2123.1	602.8	199.5	174.2	137.9
85°	125.3	140.1	256.6	537.4	934.1	913.8	217.6	98.9	111.5	90.1
87.5°	41.2	50.0	91.8	184.1	290.7	280.2	53.3	34.1	48.4	41.2
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°
1354.4	0°	1354.4	1354.4	1354.4	1354.4	1354.4	1354.4	1354.4	1354.4	1354.4	1354.4
1358.3	2.5°	1366.0	1374.8	1385.2	1400.6	1413.8	1424.8	1436.3	1443.4	1446.2	1454.4
1360.5	5°	1375.9	1395.1	1420.9	1446.2	1470.9	1485.7	1498.9	1505.5	1511.6	1516.0
1366.5	7.5°	1392.3	1417.1	1457.7	1490.7	1511.6	1523.7	1532.4	1530.2	1532.4	1533.5
1373.1	10°	1406.6	1441.2	1489.6	1520.9	1536.8	1537.4	1535.2	1527.5	1523.7	1524.2
1383.0	12.5°	1423.7	1462.1	1514.3	1540.7	1545.1	1533.0	1523.7	1510.5	1505.5	1503.3
1397.8	15°	1446.7	1490.7	1541.2	1551.1	1540.1	1524.8	1508.8	1487.4	1476.4	1467.6
1423.1	17.5°	1474.8	1523.1	1562.1	1555.0	1531.3	1506.1	1480.2	1447.8	1425.3	1416.0
1457.7	20°	1513.8	1557.2	1578.1	1546.7	1511.0	1472.6	1428.6	1389.0	1368.2	1358.8
1501.7	22.5°	1561.0	1602.8	1593.4	1532.4	1481.9	1420.4	1365.4	1336.3	1325.8	1319.3
1558.3	25°	1617.6	1653.3	1604.4	1511.6	1434.1	1351.1	1308.8	1299.5	1294.5	1289.6
1627.5	27.5°	1691.2	1710.5	1612.7	1480.8	1359.4	1277.5	1262.1	1263.8	1262.1	1253.9
1723.7	30°	1788.5	1784.6	1620.4	1430.8	1273.7	1211.0	1212.1	1219.3	1220.4	1214.9
1857.7	32.5°	1916.5	1877.5	1624.2	1366.0	1191.8	1152.8	1153.9	1161.6	1167.1	1157.7
2033.0	35°	2071.5	1985.8	1618.2	1284.6	1128.6	1097.3	1089.0	1091.2	1092.9	1084.1
2245.6	37.5°	2252.2	2107.2	1591.2	1194.5	1076.4	1042.9	1025.3	1010.5	1001.7	993.4
2486.3	40°	2450.6	2239.6	1541.8	1106.6	1018.2	985.2	958.8	930.8	901.1	890.1
2741.3	42.5°	2658.3	2375.9	1481.9	1022.5	951.1	924.2	896.2	855.5	811.0	788.5
3006.1	45°	2873.7	2515.4	1423.1	939.6	882.4	870.9	838.5	789.6	741.2	712.7
3271.5	47.5°	3084.7	2647.3	1336.8	856.1	818.1	830.8	805.5	760.5	706.6	661.6
3534.7	50°	3286.3	2770.9	1195.6	771.4	765.9	818.7	794.5	729.7	668.1	610.5
3792.9	52.5°	3486.3	2870.9	1014.9	694.5	737.9	815.4	780.2	708.8	633.5	573.1
4035.8	55°	3656.1	2922.6	840.7	628.6	697.3	787.4	763.2	684.1	584.6	520.3
4202.3	57.5°	3752.8	2880.8	695.6	563.7	641.2	741.2	734.1	631.3	526.4	476.9
4234.7	60°	3711.1	2711.6	576.9	507.2	587.9	691.2	683.5	579.1	481.9	435.2
4061.1	62.5°	3480.8	2389.1	483.0	457.7	539.6	640.1	633.0	539.0	447.8	402.8
3600.1	65°	3017.1	1943.4	409.9	416.5	490.7	578.6	589.0	505.5	420.9	376.9
2785.2	67.5°	2301.1	1407.7	352.8	380.8	442.9	518.1	548.4	481.3	398.4	356.6
1611.6	70°	1311.6	799.5	304.4	346.2	400.6	462.1	517.0	462.1	374.2	339.6
603.9	72.5°	497.3	367.0	263.2	311.5	359.9	414.8	482.4	431.9	346.2	320.3
312.1	75°	265.4	223.6	221.4	270.9	313.2	368.7	439.0	402.2	325.3	338.5
215.9	77.5°	180.8	158.2	185.2	231.9	262.1	317.6	392.9	357.1	281.9	280.8
149.5	80°	125.3	112.1	150.6	186.8	202.8	267.0	342.9	306.6	229.7	214.3
92.3	82.5°	75.3	73.1	112.6	139.6	143.4	206.0	284.1	257.1	187.9	163.7
54.9	85°	41.2	43.4	72.0	81.9	83.5	144.0	222.5	198.9	144.5	121.4
19.8	87.5°	11.5	14.8	26.4	32.4	40.1	74.7	132.4	118.1	72.5	50.6
0.0	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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180°
1354.4
1453.9
1517.1
1535.2
1525.3
1502.2
1470.4
1416.5
1357.7
1320.4
1289.6
1255.5
1217.6
1162.1
1090.1
998.9
895.1
791.2
710.5
656.6
605.5
566.5
514.8
470.3
428.6
395.6
369.8
350.0
335.2
315.9
349.5
258.8
204.9
164.8
122.5
50.6
0.0