

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: P852279

Luminaire Tested: **GLAN-SB2C-930-U-T4FT**

Issue Date: 7/11/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P852279  
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-SB2C-930-U-T4FT  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(2) 90 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV  
FORWARD THROW OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9987 lumens  
Efficiency: N/A  
Efficacy: 99.0 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G2

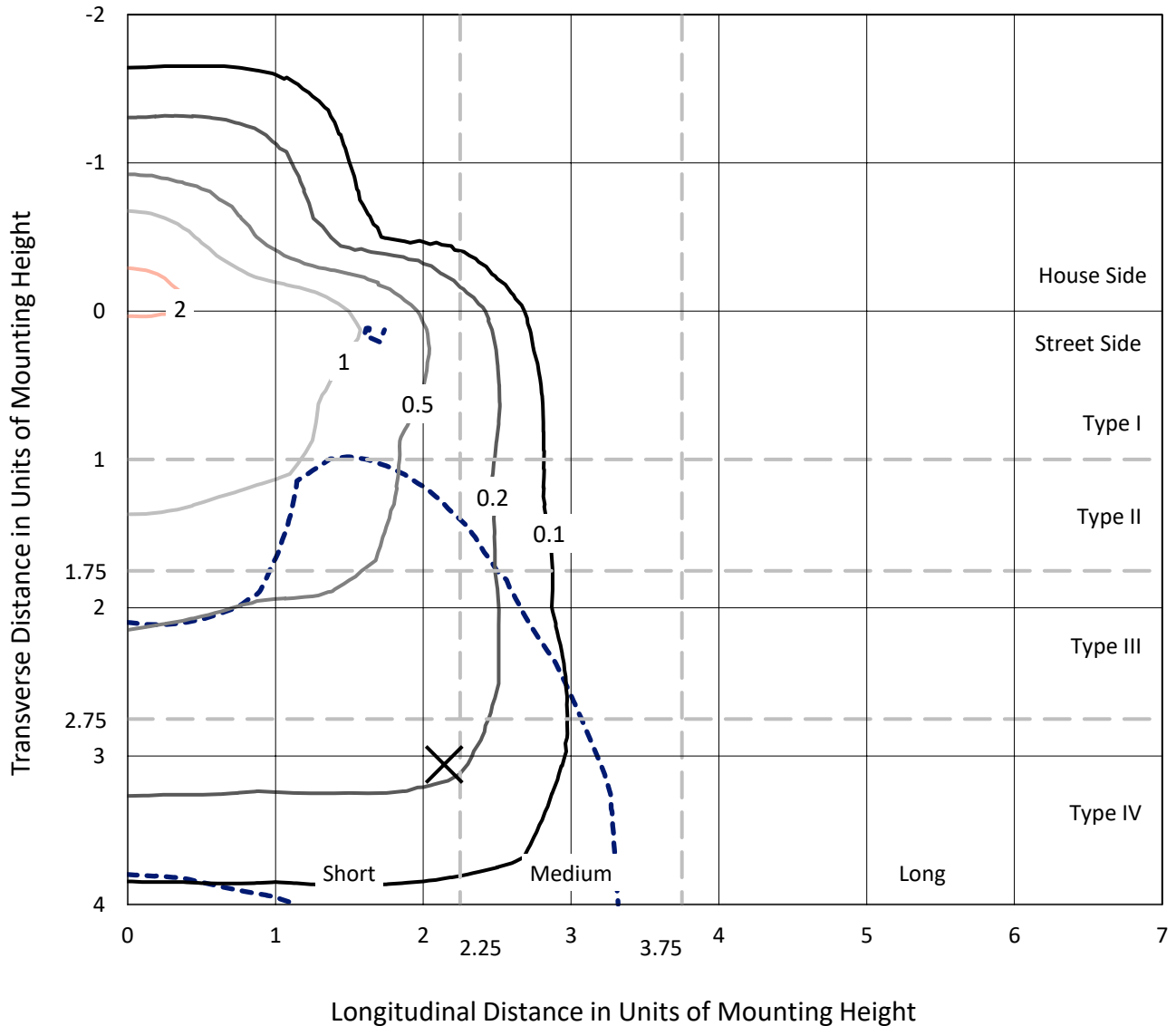
Input Watts (W): 100.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

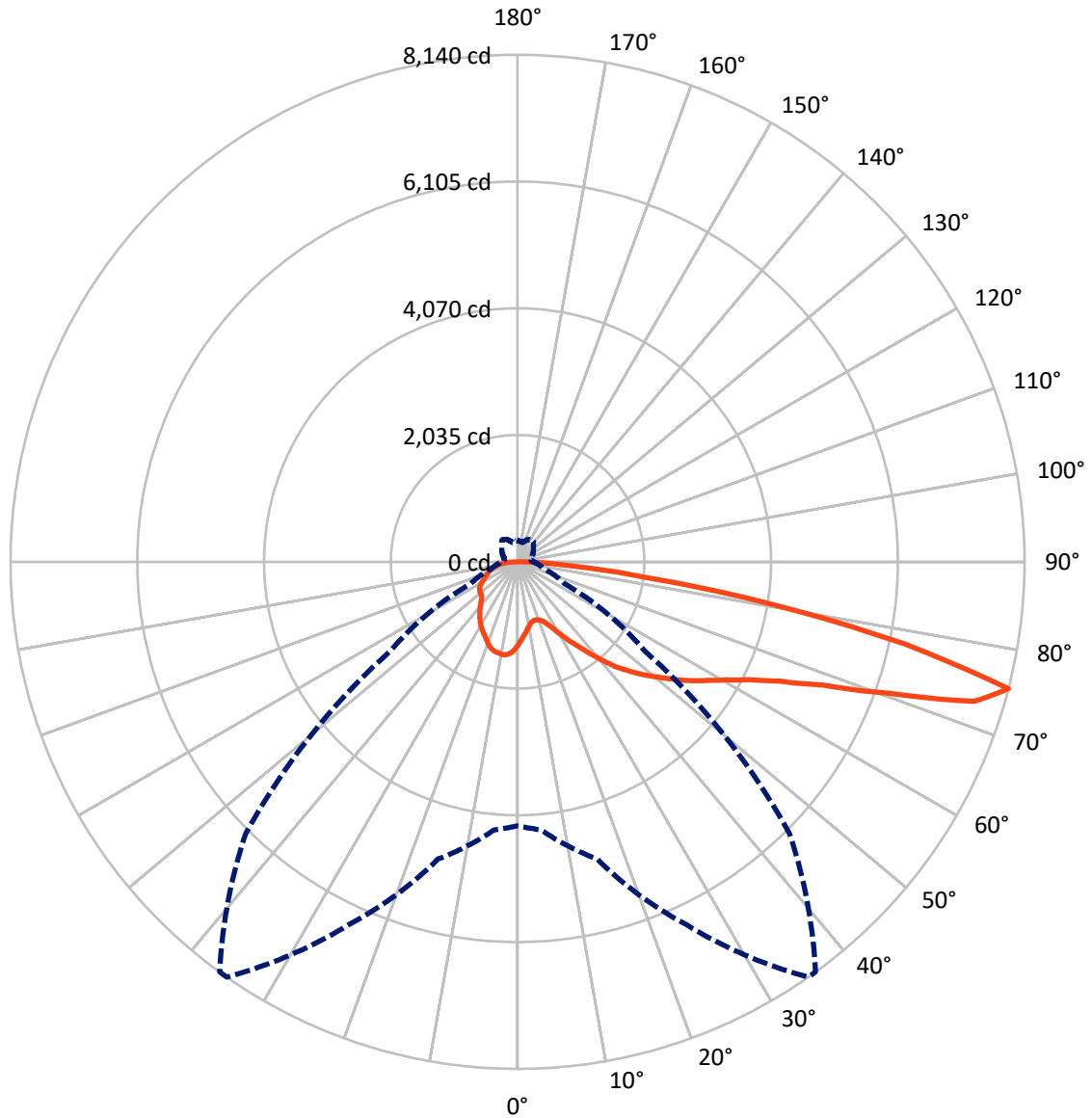
× Max cd  
 - - - 1/2 Max cd



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

REPORT NUMBER: P852279  
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### Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: GLAN-SB2C-930-U-T4FT

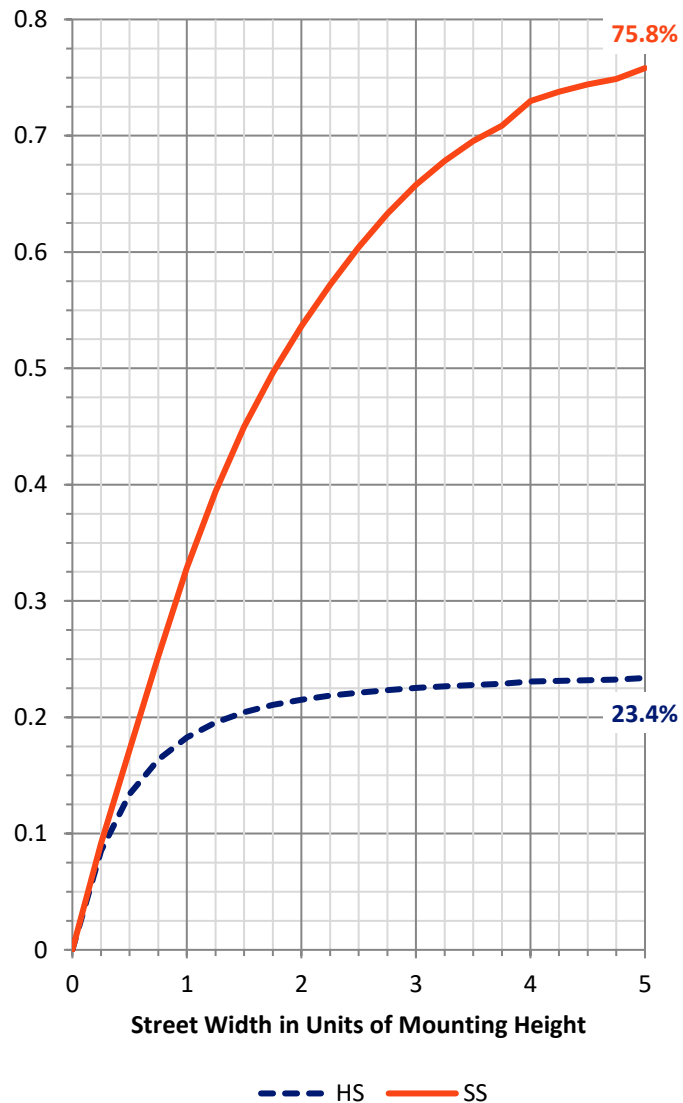
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2376.6	0.0	2376.6
	% Fixture	23.8	0.0	23.8
<b>Street Side</b>	Lumens	7610.4	0.0	7610.4
	% Fixture	76.2	0.0	76.2
<b>Total</b>	Lumens	9987.0	0.0	9987.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	126.0	1.3
10°-20°	363.5	3.6
20°-30°	610.3	6.1
30°-40°	948.5	9.5
40°-50°	1407.9	14.1
50°-60°	1943.7	19.5
60°-70°	2358.1	23.6
70°-80°	1948.8	19.5
80°-90°	280.3	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°	9987.0	100.0
0°-180°	9987.0	100.0

**Coefficient of Utilization**



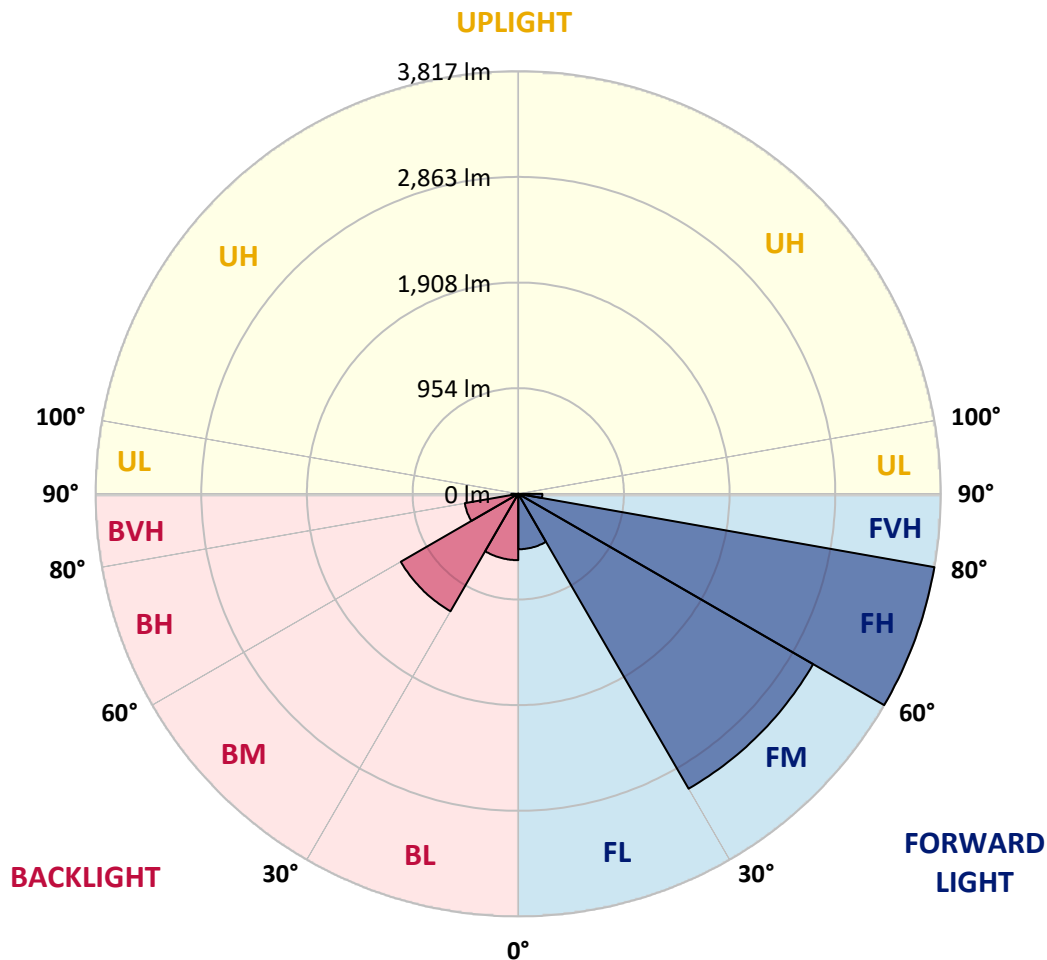
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 CATALOG NUMBER: GLAN-SB2C-930-U-T4FT

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	500.8	5.0			
FM (30°-60°)	3075.5	30.8			
FH (60°-80°)	3816.9	38.2			G2/5000
FVH (80°-90°)	217.2	2.2			G2/225
BL (0°-30°)	598.9	6.0	B2/1000		
BM (30°-60°)	1224.6	12.3	B2/2500		
BH (60°-80°)	490.0	4.9	B1/500		G1/500
BVH (80°-90°)	63.1	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°	1330.8	1330.8	1330.8	1330.8	1330.8	1330.8	1330.8	1330.8	1330.8	1330.8
2.5°	1227.2	1234.7	1238.0	1236.4	1244.5	1243.4	1254.7	1268.7	1288.2	1307.1
5°	1132.7	1140.8	1147.8	1154.3	1169.9	1174.8	1192.6	1219.6	1255.3	1291.4
7.5°	1044.7	1051.7	1062.5	1074.4	1100.8	1105.7	1135.4	1177.5	1227.2	1280.1
10°	972.9	979.9	991.2	1004.7	1037.7	1043.6	1081.4	1137.6	1202.3	1269.3
12.5°	942.1	944.3	950.8	964.2	992.9	996.6	1038.2	1102.5	1178.0	1261.2
15°	940.5	944.8	945.4	952.4	976.1	977.7	1016.1	1079.8	1162.9	1259.6
17.5°	956.7	959.9	955.1	959.4	979.4	982.1	1012.3	1069.0	1158.1	1266.6
20°	999.9	1002.6	988.0	982.1	996.6	998.8	1028.5	1076.0	1162.9	1281.2
22.5°	1091.7	1093.3	1057.6	1033.4	1034.4	1035.5	1061.4	1104.6	1181.8	1307.6
25°	1234.7	1233.7	1177.0	1130.0	1103.0	1097.1	1114.3	1151.1	1213.7	1342.7
27.5°	1402.1	1394.0	1337.3	1267.1	1208.3	1199.6	1195.9	1211.5	1259.0	1389.1
30°	1591.1	1583.5	1522.5	1430.7	1349.2	1335.2	1299.5	1291.4	1326.5	1452.3
32.5°	1798.4	1793.5	1720.6	1609.4	1500.4	1484.2	1424.2	1402.6	1430.2	1547.9
35°	1972.2	1967.9	1907.4	1793.0	1659.6	1639.7	1578.6	1554.4	1568.4	1670.4
37.5°	2129.3	2127.2	2075.3	1985.2	1847.5	1823.2	1754.7	1746.6	1743.9	1831.9
40°	2275.1	2269.7	2215.7	2168.2	2066.2	2044.0	1983.6	1976.5	1956.0	2030.5
42.5°	2436.5	2422.5	2344.2	2322.1	2294.5	2276.2	2240.0	2241.1	2195.7	2254.6
45°	2568.3	2560.2	2479.7	2466.8	2496.5	2488.9	2520.2	2528.3	2440.3	2489.4
47.5°	2709.7	2702.2	2634.1	2625.0	2705.4	2707.6	2818.2	2820.9	2678.9	2733.5
50°	2884.1	2873.3	2805.8	2817.2	2907.3	2915.4	3117.9	3099.5	2898.7	2981.3
52.5°	2999.1	3005.6	2991.0	3009.4	3132.5	3140.0	3412.7	3365.7	3116.3	3225.9
55°	3083.9	3096.8	3142.2	3184.3	3370.0	3377.6	3690.7	3618.9	3296.6	3452.6
57.5°	3192.9	3174.6	3259.3	3341.4	3595.7	3615.7	3961.2	3862.9	3456.4	3648.1
60°	3349.5	3336.5	3402.4	3523.9	3848.4	3880.2	4247.3	4082.7	3573.5	3803.0
62.5°	3667.0	3634.6	3644.8	3752.3	4166.9	4209.0	4570.2	4274.3	3631.9	3863.5
65°	4141.5	4085.9	4034.1	4108.6	4615.5	4657.1	4934.6	4425.0	3610.3	3746.3
67.5°	4739.2	4684.1	4620.4	4690.6	5276.4	5309.3	5384.3	4509.7	3440.2	3295.0
70°	5232.1	5211.6	5287.7	5576.6	6331.9	6332.9	5961.0	4439.5	2974.3	2336.1
72.5°	5166.8	5154.4	5555.5	6448.5	7662.2	7633.5	6506.8	3908.3	2003.5	1053.9
75°	4238.7	4319.1	4940.6	6432.8	8140.0	8136.2	6172.6	2484.6	828.7	436.8
77.5°	2272.9	2400.4	3207.5	4749.4	6354.5	6450.1	4339.7	869.2	355.8	279.7
80°	741.3	852.5	1278.5	2418.2	4129.1	4111.3	1859.9	341.2	243.5	198.1
82.5°	314.8	327.7	571.2	1141.9	2119.1	2086.1	592.3	196.0	171.1	135.5
85°	123.1	137.7	252.1	528.0	917.8	897.8	213.8	97.2	109.6	88.5
87.5°	40.5	49.1	90.2	180.9	285.6	275.3	52.4	33.5	47.5	40.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P852279  
 CATALOG NUMBER: GLAN-SB2C-930-U-T4FT

**CANDELA DISTRIBUTION (continued):**

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
1330.8	0°	1330.8	1330.8	1330.8	1330.8	1330.8	1330.8	1330.8	1330.8	1330.8	1330.8
1334.6	2.5°	1342.2	1350.8	1361.1	1376.2	1389.1	1399.9	1411.3	1418.3	1421.0	1429.1
1336.8	5°	1351.9	1370.8	1396.2	1421.0	1445.3	1459.9	1472.8	1479.3	1485.2	1489.6
1342.7	7.5°	1368.1	1392.4	1432.3	1464.7	1485.2	1497.1	1505.8	1503.6	1505.8	1506.8
1349.2	10°	1382.1	1416.1	1463.6	1494.4	1510.1	1510.6	1508.5	1500.9	1497.1	1497.7
1358.9	12.5°	1398.9	1436.7	1487.9	1513.9	1518.2	1506.3	1497.1	1484.2	1479.3	1477.1
1373.5	15°	1421.5	1464.7	1514.4	1524.1	1513.3	1498.2	1482.5	1461.5	1450.7	1442.1
1398.3	17.5°	1449.1	1496.6	1534.9	1527.9	1504.7	1479.8	1454.5	1422.6	1400.5	1391.3
1432.3	20°	1487.4	1530.1	1550.6	1519.8	1484.7	1446.9	1403.7	1364.8	1344.3	1335.2
1475.5	22.5°	1533.8	1574.9	1565.7	1505.8	1456.1	1395.6	1341.6	1313.0	1302.8	1296.3
1531.1	25°	1589.4	1624.5	1576.5	1485.2	1409.1	1327.6	1286.0	1276.8	1272.0	1267.1
1599.2	27.5°	1661.8	1680.7	1584.6	1455.0	1335.7	1255.3	1240.1	1241.8	1240.1	1232.0
1693.6	30°	1757.4	1753.6	1592.1	1405.9	1251.5	1189.9	1191.0	1198.0	1199.1	1193.7
1825.4	32.5°	1883.1	1844.8	1595.9	1342.2	1171.0	1132.7	1133.8	1141.3	1146.7	1137.6
1997.6	35°	2035.4	1951.2	1590.0	1262.3	1108.9	1078.2	1070.1	1072.2	1073.8	1065.2
2206.5	37.5°	2213.0	2070.5	1563.5	1173.7	1057.6	1024.7	1007.4	992.9	984.2	976.1
2443.0	40°	2407.9	2200.6	1514.9	1087.3	1000.4	968.0	942.1	914.6	885.4	874.6
2693.5	42.5°	2612.0	2334.5	1456.1	1004.7	934.6	908.1	880.6	840.6	796.9	774.7
2953.8	45°	2823.6	2471.6	1398.3	923.2	867.1	855.7	823.9	775.8	728.3	700.2
3214.5	47.5°	3031.0	2601.2	1313.6	841.2	803.9	816.3	791.5	747.2	694.3	650.0
3473.1	50°	3229.1	2722.7	1174.8	758.0	752.6	804.4	780.7	717.0	656.5	599.8
3726.9	52.5°	3425.6	2820.9	997.2	682.4	725.1	801.2	766.6	696.5	622.5	563.1
3965.5	55°	3592.4	2871.7	826.0	617.6	685.1	773.7	749.9	672.2	574.4	511.3
4129.1	57.5°	3687.5	2830.7	683.5	553.9	630.1	728.3	721.3	620.3	517.2	468.6
4161.0	60°	3646.4	2664.4	566.9	498.3	577.7	679.2	671.6	569.0	473.5	427.6
3990.3	62.5°	3420.2	2347.5	474.6	449.7	530.2	629.0	622.0	529.6	440.0	395.7
3537.4	65°	2964.6	1909.6	402.8	409.2	482.1	568.5	578.8	496.7	413.6	370.4
2736.7	67.5°	2261.1	1383.2	346.6	374.1	435.2	509.1	538.8	472.9	391.4	350.4
1583.5	70°	1288.7	785.5	299.1	340.1	393.6	454.0	508.0	454.0	367.7	333.7
593.3	72.5°	488.6	360.6	258.6	306.1	353.6	407.6	474.0	424.4	340.1	314.8
306.7	75°	260.8	219.7	217.6	266.2	307.7	362.3	431.4	395.2	319.6	332.6
212.2	77.5°	177.6	155.5	181.9	227.8	257.5	312.1	386.0	350.9	277.0	275.9
146.9	80°	123.1	110.1	147.9	183.6	199.2	262.4	336.9	301.3	225.7	210.6
90.7	82.5°	74.0	71.8	110.7	137.1	140.9	202.5	279.1	252.7	184.6	160.9
54.0	85°	40.5	42.7	70.7	80.4	82.1	141.5	218.7	195.4	142.0	119.3
19.4	87.5°	11.3	14.6	25.9	31.9	39.4	73.4	130.1	116.1	71.3	49.7
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°
1330.8
1428.6
1490.6
1508.5
1498.7
1476.1
1444.8
1391.8
1334.1
1297.4
1267.1
1233.7
1196.4
1141.9
1071.1
981.5
879.5
777.4
698.1
645.2
595.0
556.6
505.9
462.1
421.1
388.7
363.3
343.9
329.3
310.4
343.4
254.3
201.4
162.0
120.4
49.7
0.0

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