

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: P945519

Luminaire Tested: **GLAN-SB1B-940-U-T3R-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945519
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB1B-940-U-T3R-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 90 CRI, 4000K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE III ROADWAY
OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

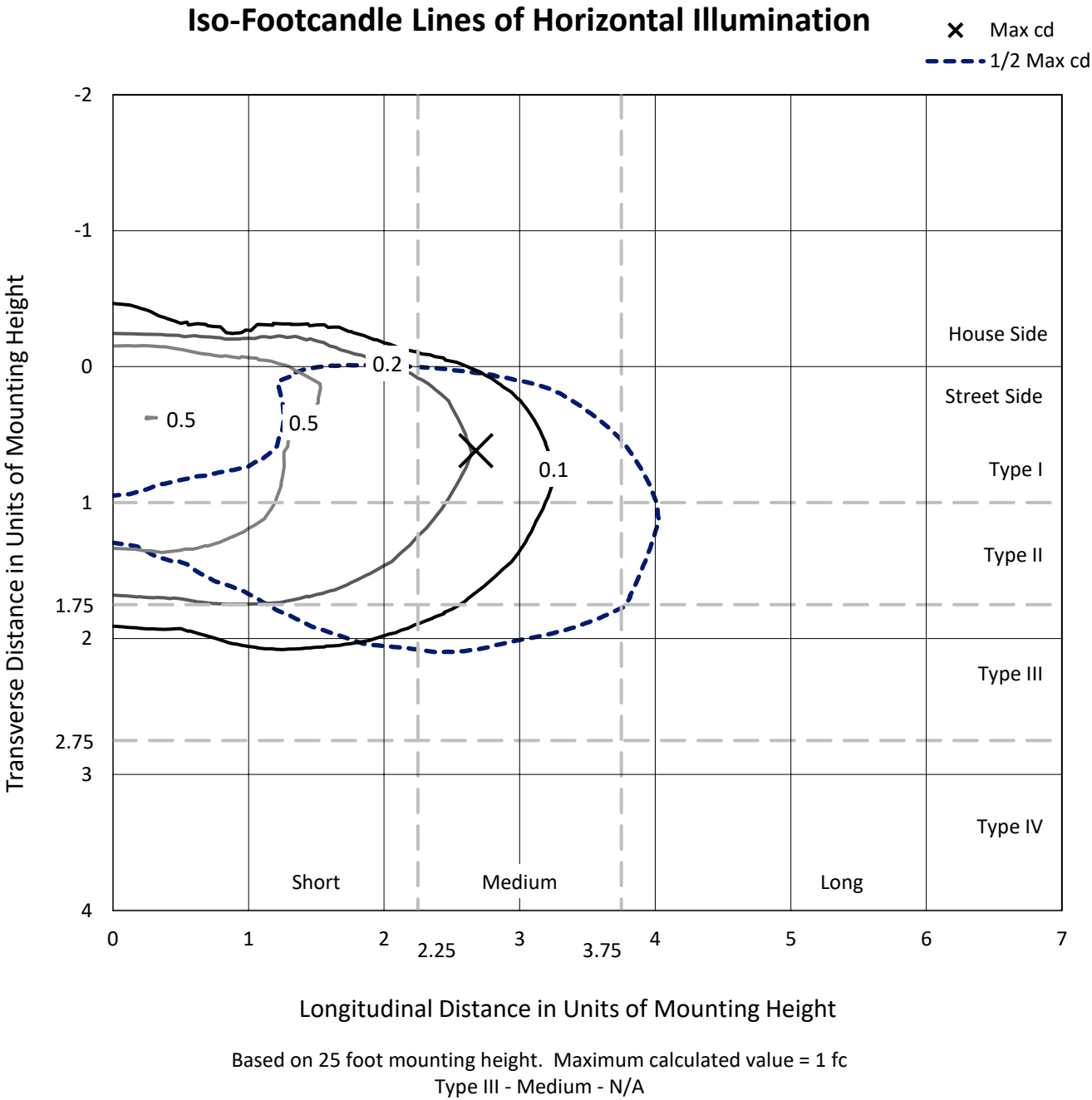
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3398 lumens
Efficiency: N/A
Efficacy: 85.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

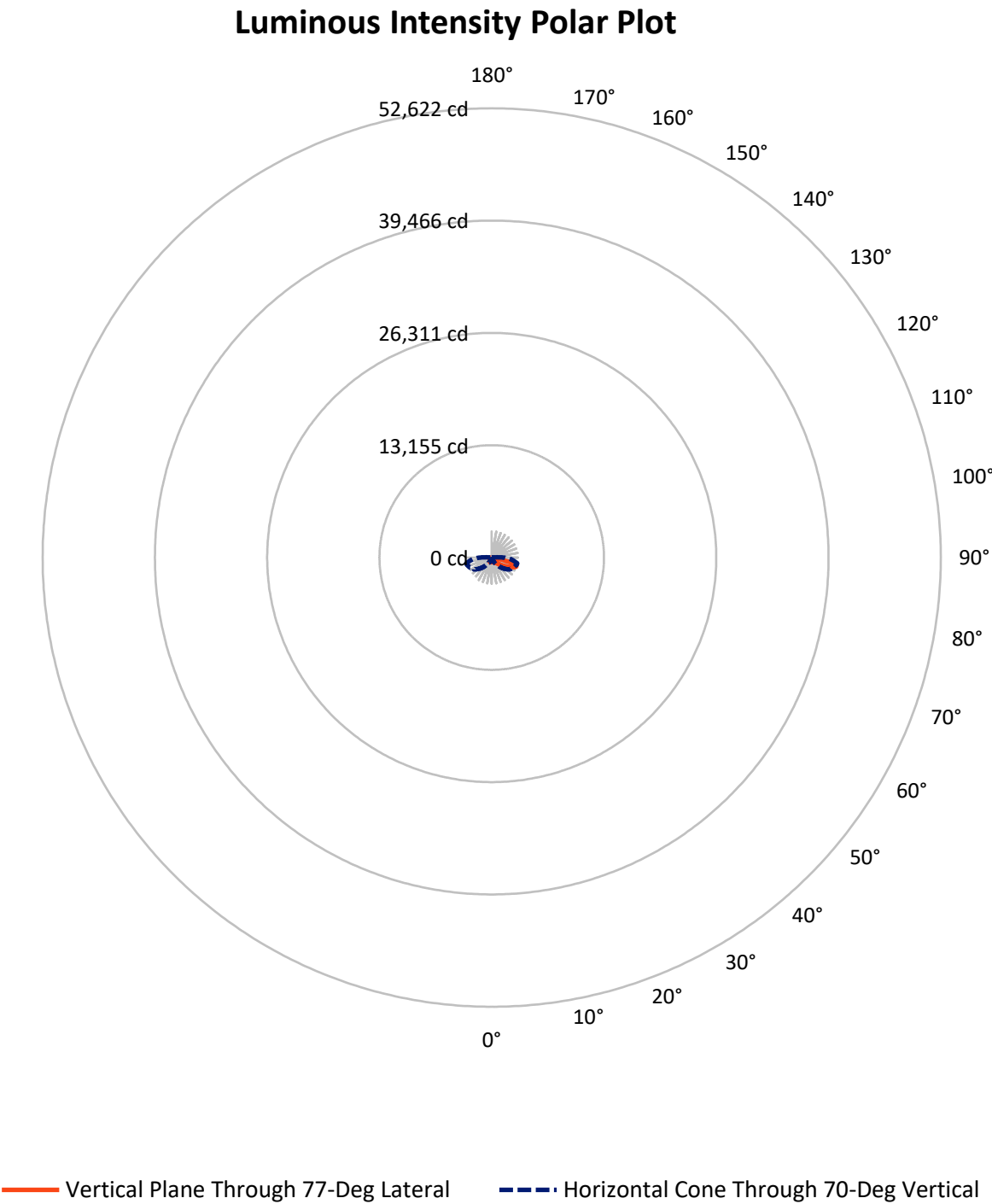
Input Watts (W): 39.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	358.2	0.0	358.2
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	3039.8	0.0	3039.8
	% Fixture	89.5	0.0	89.5
Total	Lumens	3398.0	0.0	3398.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.7	1.3
10°-20°	108.4	3.2
20°-30°	167.7	4.9
30°-40°	304.3	9.0
40°-50°	574.5	16.9
50°-60°	830.1	24.4
60°-70°	883.6	26.0
70°-80°	468.2	13.8
80°-90°	15.4	0.5
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°	3398.0	100.0
0°-180°	3398.0	100.0

Coefficient of Utilization



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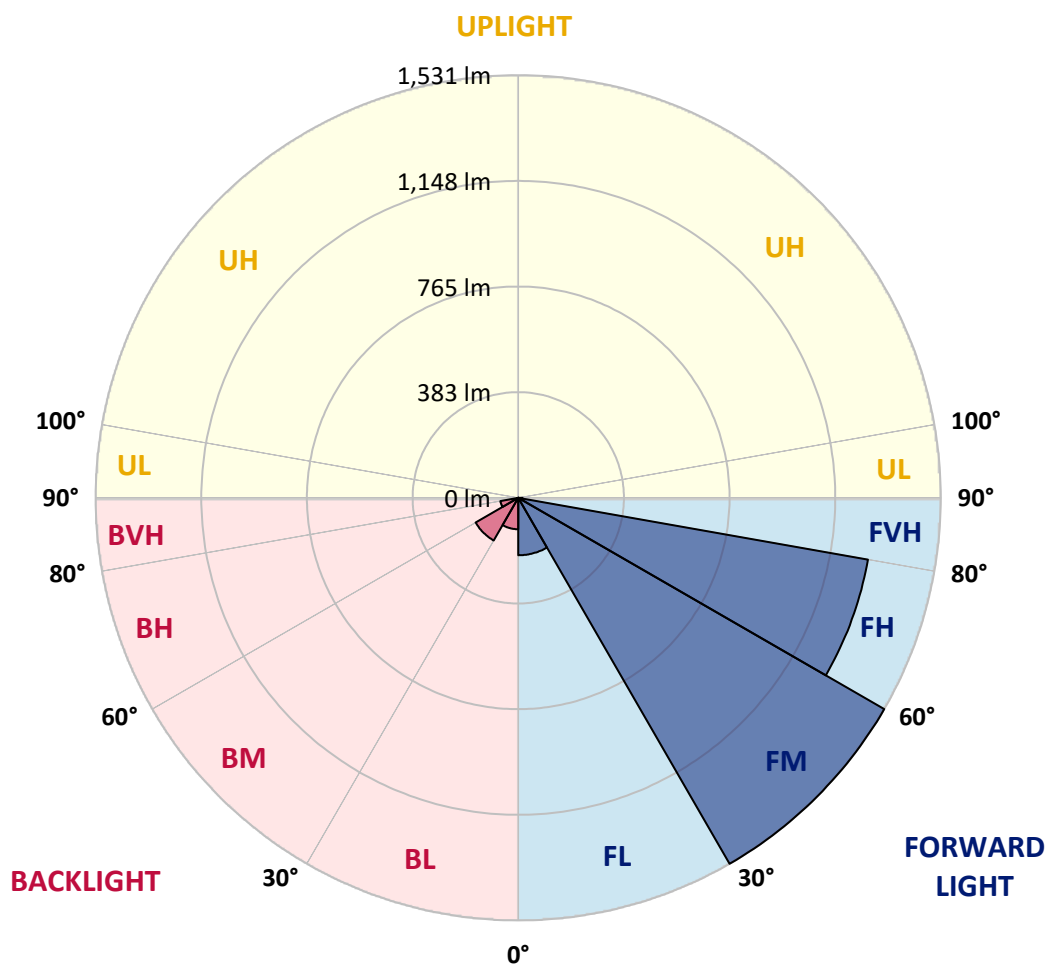
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	208.0	6.1			
FM	(30°-60°)	1530.6	45.0			
FH	(60°-80°)	1286.2	37.9			G1/1800
FVH	(80°-90°)	15.0	0.4			G1/100
BL	(0°-30°)	113.8	3.3	B1/500		
BM	(30°-60°)	178.3	5.2	B0/220		
BH	(60°-80°)	65.7	1.9	B0/110		G0/110
BVH	(80°-90°)	0.4	0.0			G0/10
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 Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°
0°	530.0	530.0	530.0	530.0	530.0	530.0	530.0	530.0	530.0	530.0
2.5°	497.6	502.1	501.5	504.5	505.6	509.9	514.1	519.9	526.4	526.2
5°	469.5	474.0	475.1	479.2	484.3	491.0	499.8	511.4	523.4	525.3
7.5°	436.3	441.0	443.8	451.9	461.4	475.1	489.5	506.4	526.4	529.2
10°	403.0	407.3	410.9	422.5	437.5	457.9	481.3	505.8	532.6	536.7
12.5°	382.4	386.5	390.5	400.6	419.3	444.2	476.0	508.8	542.9	548.7
15°	375.1	378.7	382.0	391.0	408.4	436.7	474.9	515.0	556.0	563.7
17.5°	376.2	378.1	380.2	387.1	404.1	433.2	476.8	525.7	571.4	578.3
20°	382.4	383.5	383.7	388.4	403.4	432.8	480.7	536.0	586.0	595.3
22.5°	390.3	390.8	390.3	393.6	407.5	436.0	485.8	548.5	602.3	610.9
25°	427.5	419.3	409.0	402.8	414.4	442.3	493.5	565.2	620.2	628.5
27.5°	542.7	519.3	482.4	441.0	428.5	451.3	504.3	582.2	638.2	645.7
30°	729.8	699.1	636.5	543.1	474.0	470.2	518.2	599.1	657.3	665.4
32.5°	917.4	909.8	837.5	708.3	576.4	512.2	541.4	622.1	682.6	689.0
35°	1107.0	1091.8	1032.6	904.9	734.1	597.8	580.0	652.1	715.9	723.2
37.5°	1252.3	1243.1	1206.4	1101.3	921.2	730.0	646.1	698.7	764.1	772.3
40°	1380.6	1376.4	1363.9	1294.6	1130.4	903.0	748.9	770.8	831.1	840.7
42.5°	1481.5	1491.6	1498.7	1479.4	1346.1	1100.4	887.1	872.1	924.4	934.3
45°	1584.7	1588.1	1616.7	1644.6	1560.3	1306.8	1042.9	990.7	1040.5	1052.8
47.5°	1651.0	1664.8	1715.0	1764.1	1740.3	1511.5	1210.3	1130.9	1175.1	1198.0
50°	1656.0	1681.9	1751.0	1836.6	1871.4	1706.4	1392.2	1290.5	1337.5	1362.8
52.5°	1573.8	1614.1	1721.2	1846.5	1942.2	1871.4	1580.4	1450.2	1510.5	1543.5
55°	1206.6	1259.4	1609.0	1792.9	1945.0	1996.5	1763.7	1616.5	1703.2	1740.5
57.5°	1051.3	1077.9	1265.0	1699.7	1893.3	2046.9	1929.3	1774.8	1912.8	1959.2
60°	874.7	909.6	1060.9	1547.4	1823.1	2051.9	2075.7	1979.1	2140.1	2192.2
62.5°	594.4	632.4	782.8	1285.6	1727.2	2049.5	2195.6	2189.4	2392.6	2448.6
65°	368.2	392.0	491.2	1049.8	1593.1	2052.1	2321.2	2444.8	2659.1	2716.0
67.5°	291.0	301.9	353.6	806.0	1362.0	1994.1	2446.5	2684.9	2910.0	2955.1
70°	195.5	202.1	257.3	540.3	1013.3	1726.8	2444.1	2805.5	3039.2	3061.7
72.5°	103.0	108.2	150.4	250.2	612.0	1227.4	2060.2	2661.3	2910.6	2876.7
75°	51.5	60.1	101.3	127.0	261.4	684.5	1279.4	2098.2	2290.9	2159.6
77.5°	39.1	47.2	83.7	83.7	91.0	230.5	541.8	1144.4	1055.5	878.9
80°	24.9	32.2	73.2	63.3	38.0	58.6	141.2	320.6	224.2	170.6
82.5°	14.6	21.0	60.9	41.8	21.2	21.7	39.9	68.2	58.2	45.3
85°	5.8	13.7	41.8	16.5	8.4	5.4	12.0	14.6	12.0	9.0
87.5°	0.0	3.2	7.3	0.0	0.6	0.4	0.9	1.1	1.1	0.9
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°
530.0	0°	530.0	530.0	530.0	530.0	530.0	530.0	530.0	530.0	530.0	530.0
530.5	2.5°	532.4	532.8	534.1	534.3	531.3	527.5	525.9	525.3	522.7	522.5
533.9	5°	538.8	540.8	538.8	533.2	519.9	501.3	487.1	475.5	465.0	461.8
545.7	7.5°	551.7	553.6	547.8	525.9	492.5	455.4	421.9	398.3	377.0	369.1
560.1	10°	570.2	572.7	554.5	510.3	451.1	391.4	334.8	294.8	263.7	251.1
579.6	12.5°	593.3	594.4	558.1	486.5	397.2	312.0	231.8	189.0	161.4	151.1
603.2	15°	618.9	617.4	558.6	454.1	323.8	220.6	151.3	124.2	113.1	109.7
626.8	17.5°	645.7	639.5	550.0	407.3	243.3	150.9	112.2	105.8	103.9	103.0
650.2	20°	672.1	658.1	534.3	346.1	174.7	112.7	101.9	100.0	98.9	98.5
673.8	22.5°	696.1	672.3	507.5	275.1	126.8	99.6	96.3	94.6	92.7	91.8
696.8	25°	719.5	680.5	469.7	208.8	101.5	93.1	90.6	87.3	84.8	83.7
721.4	27.5°	742.3	685.6	422.5	154.5	90.6	87.1	82.4	77.9	76.0	75.5
747.8	30°	766.5	687.3	368.9	115.2	83.9	79.6	72.7	67.6	66.5	66.7
783.5	32.5°	796.1	689.9	314.8	94.4	78.3	70.6	62.4	57.1	56.2	57.1
835.4	35°	831.5	695.0	262.7	86.9	73.4	61.4	52.6	48.1	47.2	47.9
901.9	37.5°	879.6	703.4	213.9	85.4	69.3	53.6	44.2	40.6	40.6	40.8
983.4	40°	943.5	725.7	170.4	84.3	67.2	47.9	37.3	35.8	36.5	36.9
1087.3	42.5°	1021.4	773.2	141.0	83.0	64.8	45.3	33.9	33.3	34.3	34.8
1211.8	45°	1108.8	833.2	130.7	80.9	62.7	47.0	32.4	31.5	32.8	33.0
1351.2	47.5°	1199.1	892.0	129.4	78.5	60.5	49.6	32.0	30.0	31.5	31.8
1500.2	50°	1290.5	930.4	130.7	74.9	57.1	49.6	32.2	28.5	29.8	30.5
1654.7	52.5°	1382.6	948.0	129.8	67.0	51.1	46.6	32.2	27.3	28.5	29.0
1821.6	55°	1471.8	944.6	116.7	55.1	43.3	41.2	31.3	26.2	27.0	27.3
1979.3	57.5°	1542.4	896.8	92.5	42.9	35.2	34.3	28.5	24.9	25.5	25.3
2124.0	60°	1579.4	791.6	66.1	33.0	27.7	27.0	25.1	23.2	23.6	22.5
2246.5	62.5°	1579.8	652.6	44.2	26.2	22.1	21.5	21.5	20.8	20.4	18.2
2341.3	65°	1546.1	498.3	29.4	20.8	17.8	16.7	18.0	17.8	16.3	13.3
2370.3	67.5°	1469.7	326.6	22.3	16.3	13.7	13.1	14.4	15.0	13.9	11.2
2264.7	70°	1312.6	190.1	18.5	12.7	10.3	9.7	11.6	12.9	11.6	9.0
1935.8	72.5°	1090.3	102.6	15.0	9.4	7.1	6.4	9.2	10.5	9.2	6.7
1242.0	75°	707.5	54.9	11.6	6.2	3.6	4.1	6.9	7.7	6.4	4.3
364.6	77.5°	237.5	24.2	7.3	3.0	1.7	1.7	4.1	4.7	3.0	1.5
66.3	80°	53.0	10.1	3.0	1.3	0.6	0.6	0.9	0.9	0.4	0.0
20.4	82.5°	17.4	4.1	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
5.2	85°	6.7	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	87.5°	2.6	0.2	0.0	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

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180°
530.0
522.9
459.9
365.9
245.7
147.8
109.7
102.8
98.1
91.6
83.3
75.1
66.7
56.9
47.6
40.6
36.9
34.8
33.3
32.0
30.7
29.0
27.3
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