

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: P945102

Luminaire Tested: **GLAN-SB1A-927-U-T4W**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945102
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB1A-927-U-T4W
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 90 CRI, 2700K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV WIDE OPTICS
Light Source: -
Ballast/Driver: -

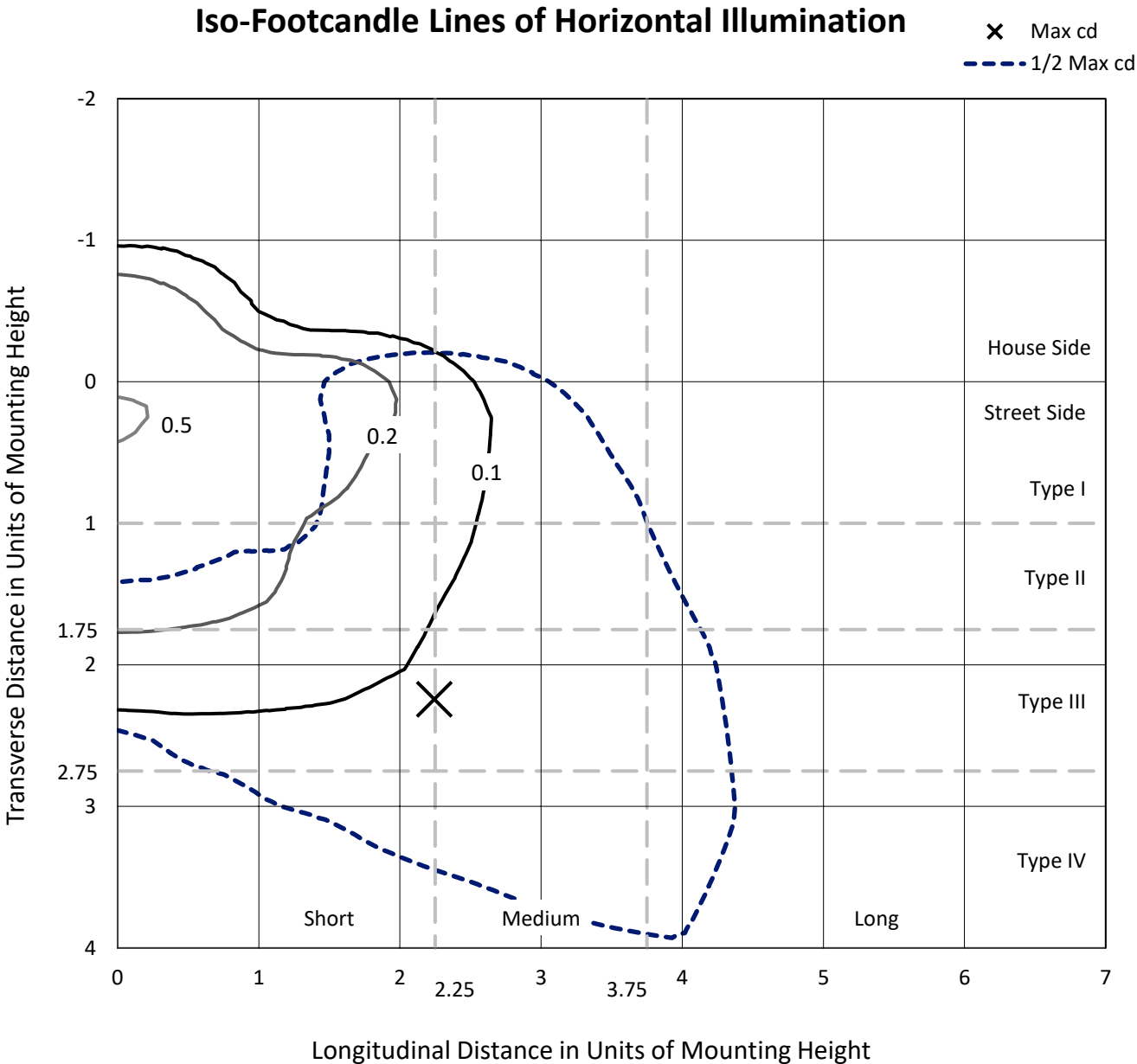
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2726 lumens
Efficiency: N/A
Efficacy: 88.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - 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

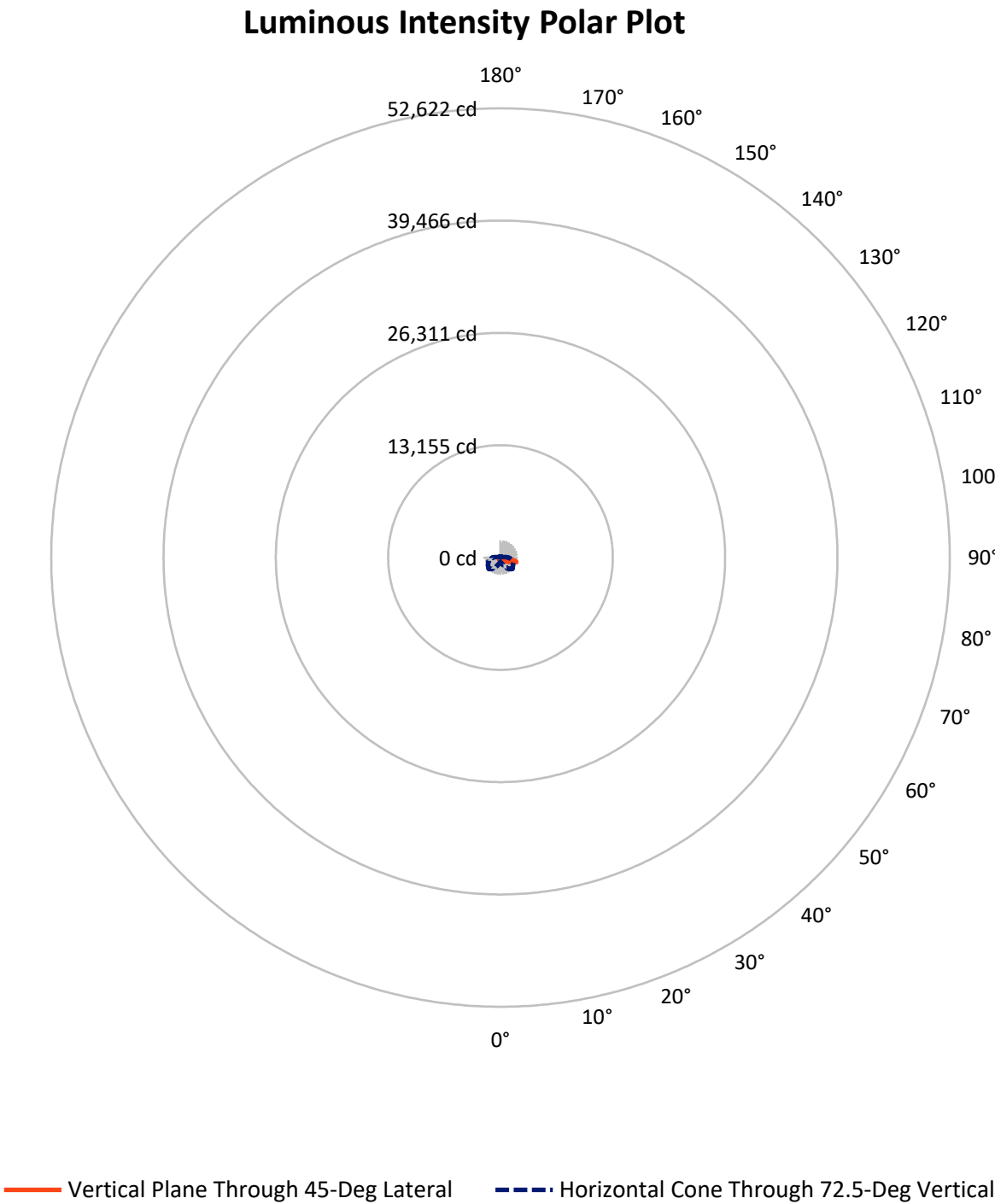


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Based on 25 foot mounting height. Maximum calculated value = 0.5 fc
Type IV - Short - N/A

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	616.3	0.0	616.3
	% Fixture	22.6	0.0	22.6
Street Side	Lumens	2109.8	0.0	2109.8
	% Fixture	77.4	0.0	77.4
Total	Lumens	2726.0	0.0	2726.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.0	1.0
10°-20°	93.3	3.4
20°-30°	162.3	6.0
30°-40°	232.7	8.5
40°-50°	327.7	12.0
50°-60°	501.9	18.4
60°-70°	727.1	26.7
70°-80°	580.6	21.3
80°-90°	72.3	2.7
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°	2726.0	100.0
0°-180°	2726.0	100.0

Coefficient of Utilization



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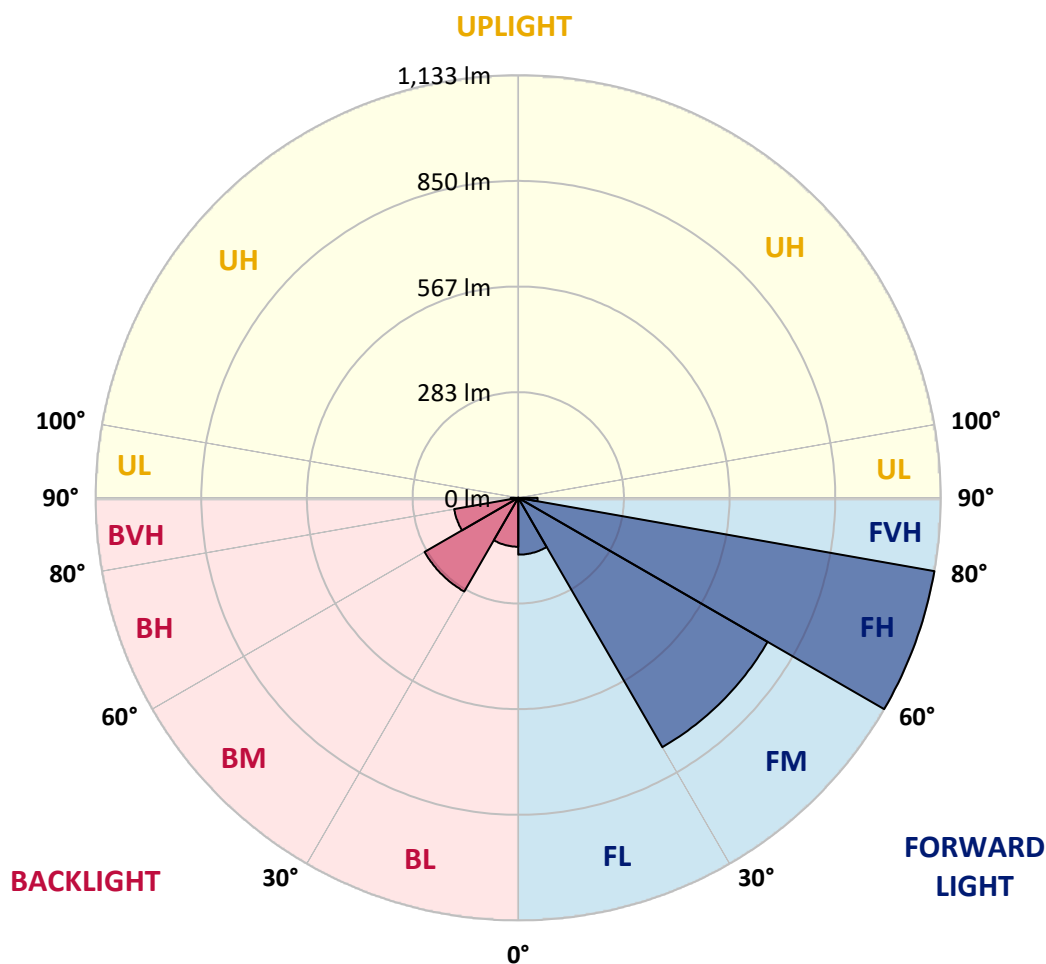
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	152.4	5.6			
FM	(30°-60°)	772.1	28.3			
FH	(60°-80°)	1133.3	41.6			G1/1800
FVH	(80°-90°)	51.9	1.9			G1/100
BL	(0°-30°)	131.2	4.8	B1/500		
BM	(30°-60°)	290.2	10.6	B1/1000		
BH	(60°-80°)	174.4	6.4	B1/500		G1/500
BVH	(80°-90°)	20.4	0.7			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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°
0°	275.0	275.0	275.0	275.0	275.0	275.0	275.0	275.0	275.0	275.0
2.5°	285.8	287.6	285.9	284.3	283.6	281.7	281.6	280.5	279.7	277.7
5°	305.7	308.2	305.3	302.1	299.3	294.7	294.1	290.8	287.1	282.8
7.5°	328.3	330.4	327.1	322.4	317.4	309.8	309.6	303.6	297.7	290.4
10°	348.0	350.8	346.4	339.9	333.6	325.0	324.0	317.1	309.6	300.1
12.5°	365.3	367.3	363.0	355.1	347.8	339.2	337.9	330.3	322.0	311.2
15°	379.1	381.7	376.0	367.5	359.7	351.3	350.1	343.2	334.9	323.5
17.5°	388.2	390.3	384.4	374.9	367.5	360.4	359.6	353.8	346.5	335.0
20°	391.6	393.9	387.7	378.1	371.2	365.8	365.3	361.2	356.1	345.7
22.5°	395.1	397.2	389.2	379.1	373.1	369.6	369.5	366.8	364.8	356.1
25°	409.0	409.6	398.8	384.3	375.7	372.7	372.5	372.4	373.2	366.5
27.5°	421.0	420.9	411.7	398.1	384.7	378.4	378.3	379.7	382.4	376.8
30°	438.7	437.1	426.2	412.0	399.8	390.0	389.2	387.9	390.0	385.6
32.5°	476.2	471.2	453.5	428.2	412.3	404.8	403.7	395.6	396.5	393.8
35°	529.9	523.3	499.7	459.0	427.8	417.2	416.6	406.4	404.7	402.2
37.5°	593.8	585.6	558.2	503.5	454.5	431.5	430.7	421.5	414.4	411.9
40°	658.0	647.7	625.0	557.8	493.9	455.5	452.8	438.9	430.8	426.5
42.5°	720.3	711.7	692.3	618.6	542.4	490.5	484.5	460.7	454.6	450.6
45°	775.5	767.7	753.5	683.7	599.3	538.2	532.3	493.4	491.6	491.6
47.5°	820.3	818.5	803.5	750.0	666.3	592.5	582.3	538.9	544.0	551.7
50°	869.9	865.2	849.1	815.4	745.2	654.7	646.4	594.8	613.6	634.9
52.5°	915.6	918.2	900.2	883.4	834.2	724.0	709.4	660.7	701.4	736.5
55°	962.6	962.7	957.7	955.4	927.5	800.7	784.6	740.0	804.6	848.3
57.5°	1006.7	1006.9	1014.4	1034.7	1035.8	889.2	871.0	837.4	919.3	963.9
60°	1046.0	1048.0	1068.4	1115.8	1131.0	990.6	973.3	952.4	1038.0	1082.8
62.5°	1059.2	1066.5	1111.9	1179.3	1225.1	1114.9	1098.0	1085.5	1162.6	1204.3
65°	1036.8	1053.6	1141.4	1231.7	1321.9	1262.7	1245.9	1232.3	1292.1	1331.3
67.5°	981.8	1003.5	1139.6	1286.7	1439.3	1440.5	1424.8	1392.8	1431.0	1446.1
70°	836.9	869.4	1039.3	1307.2	1574.2	1683.6	1668.5	1586.1	1569.6	1496.6
72.5°	539.2	582.9	765.3	1138.2	1604.2	1912.4	1911.5	1760.6	1613.4	1398.4
75°	196.7	223.4	355.6	714.4	1346.6	1900.7	1906.3	1730.7	1472.8	1080.2
77.5°	71.7	78.4	116.0	274.6	828.2	1525.1	1536.7	1383.6	1048.3	542.1
80°	37.6	41.4	59.5	106.6	354.8	905.7	923.9	822.3	492.7	163.3
82.5°	20.8	22.5	33.3	57.9	159.8	387.3	398.2	324.8	173.3	69.2
85°	11.2	11.9	15.7	31.6	78.1	134.3	137.3	97.1	69.1	40.6
87.5°	3.3	4.0	5.2	10.1	30.6	30.2	30.9	19.2	27.3	20.5
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°
275.0	0°	275.0	275.0	275.0	275.0	275.0	275.0	275.0	275.0	275.0	275.0
277.2	2.5°	276.3	275.9	274.3	273.6	272.7	272.6	273.3	273.4	273.6	273.7
280.3	5°	278.9	277.4	276.0	275.1	275.4	275.6	277.0	278.0	278.7	279.3
286.2	7.5°	283.9	282.8	280.3	280.2	280.6	281.9	283.8	286.1	287.4	288.4
293.8	10°	291.4	289.2	286.3	286.8	287.6	289.5	293.4	295.2	297.4	299.3
303.1	12.5°	299.0	297.1	293.8	294.1	295.5	298.8	302.6	304.9	306.3	307.7
313.2	15°	308.9	305.6	302.0	302.0	304.6	308.2	309.9	311.8	312.6	314.2
324.0	17.5°	319.1	314.8	310.0	309.8	312.9	314.6	315.6	315.9	316.2	317.9
334.5	20°	329.3	324.5	317.8	317.2	317.9	317.7	317.5	317.2	317.7	319.8
345.2	22.5°	339.3	333.9	324.5	322.0	319.9	317.2	317.1	316.9	317.2	319.4
356.9	25°	351.1	344.5	332.0	324.3	317.5	313.8	314.2	314.3	314.6	316.4
368.9	27.5°	363.9	356.6	338.9	323.5	311.3	308.7	308.0	308.5	309.5	312.2
381.0	30°	376.7	368.1	345.2	320.7	303.6	300.0	297.7	298.7	301.9	304.6
391.5	32.5°	388.3	379.7	350.2	314.3	293.7	288.1	285.1	286.3	289.5	290.5
403.1	35°	401.9	392.2	352.4	304.3	282.9	274.3	270.3	268.4	270.0	269.0
416.7	37.5°	417.2	407.0	352.1	291.1	270.3	260.4	254.8	247.7	244.4	241.0
436.8	40°	439.7	425.1	348.7	275.1	254.6	245.6	235.5	223.6	216.1	209.4
469.3	42.5°	470.4	450.2	342.4	257.6	236.9	228.5	214.8	200.9	189.1	177.9
518.6	45°	516.3	483.1	334.5	239.0	217.8	209.5	194.7	179.1	165.7	151.4
588.5	47.5°	582.3	527.3	327.0	217.7	197.7	190.1	176.8	162.3	146.5	132.5
689.6	50°	673.1	590.8	320.1	197.0	177.9	172.2	161.6	146.8	130.8	119.6
808.1	52.5°	788.5	677.1	317.2	177.1	159.4	157.2	148.8	135.0	119.9	110.4
946.2	55°	921.1	780.3	317.2	158.0	143.2	143.9	138.0	125.2	112.2	103.7
1088.7	57.5°	1056.3	884.9	311.5	140.3	129.4	132.4	128.7	117.5	105.7	96.9
1238.4	60°	1181.0	972.5	288.2	124.2	117.2	121.9	119.5	109.9	95.5	88.2
1363.7	62.5°	1276.8	1021.9	243.4	111.4	107.1	112.6	111.3	99.8	93.6	90.6
1466.5	65°	1324.7	1013.8	186.1	100.1	98.7	107.1	104.4	104.0	99.1	95.6
1499.9	67.5°	1295.3	944.6	135.0	91.8	93.8	102.1	112.6	114.3	105.3	98.5
1405.7	70°	1166.2	819.4	100.5	83.9	87.6	102.2	128.4	119.6	103.3	95.4
1127.4	72.5°	887.2	611.0	78.0	75.5	79.6	103.0	135.4	117.2	97.5	105.4
702.4	75°	507.4	335.5	62.6	65.3	69.5	96.2	131.8	110.9	93.1	96.8
278.3	77.5°	193.4	129.0	51.7	55.3	55.9	84.0	126.1	110.4	88.6	86.4
83.4	80°	67.1	50.4	42.8	43.9	43.2	74.7	120.9	96.1	72.5	64.9
34.5	82.5°	27.4	25.1	33.9	32.5	30.7	58.0	97.7	78.6	59.3	52.4
16.7	85°	11.9	15.9	22.4	19.7	17.8	40.2	78.3	66.5	50.1	43.2
5.5	87.5°	2.4	6.0	9.5	8.9	9.2	26.9	55.6	47.2	35.5	26.6
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°
275.0
274.3
279.6
288.6
298.8
308.3
314.8
318.5
320.7
320.8
318.7
314.9
307.6
294.1
272.1
243.1
209.8
176.9
149.6
131.0
118.9
109.7
102.8
95.5
87.0
89.6
94.5
97.4
94.1
104.5
96.8
78.8
62.8
51.8
43.1
20.8
0.0