

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: P852320

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

Issue Date: 7/11/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P852320  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-25)  
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-HSS  
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 WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7969 lumens  
Efficiency: N/A  
Efficacy: 94.1 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2

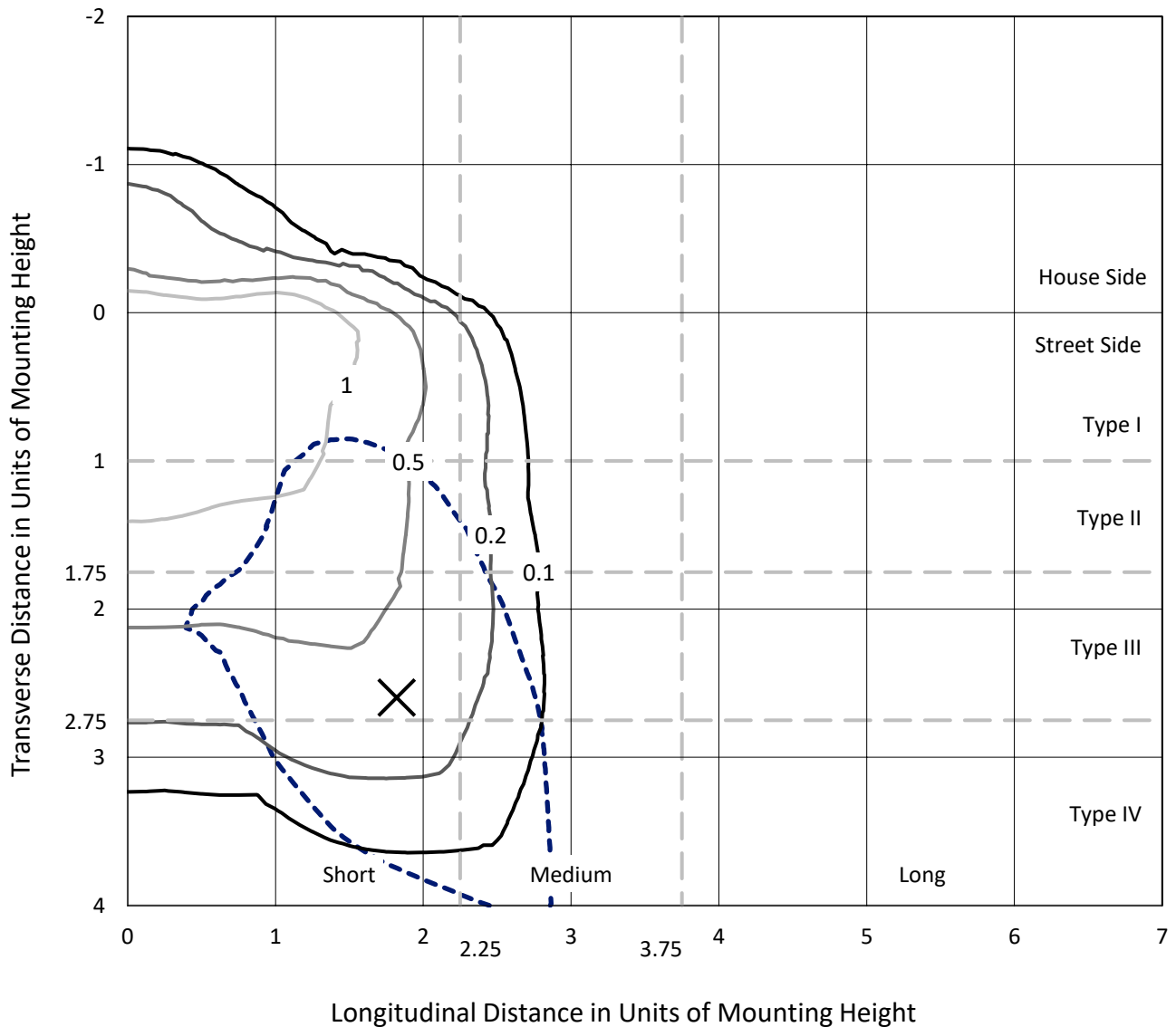
Input Watts (W): 84.7  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

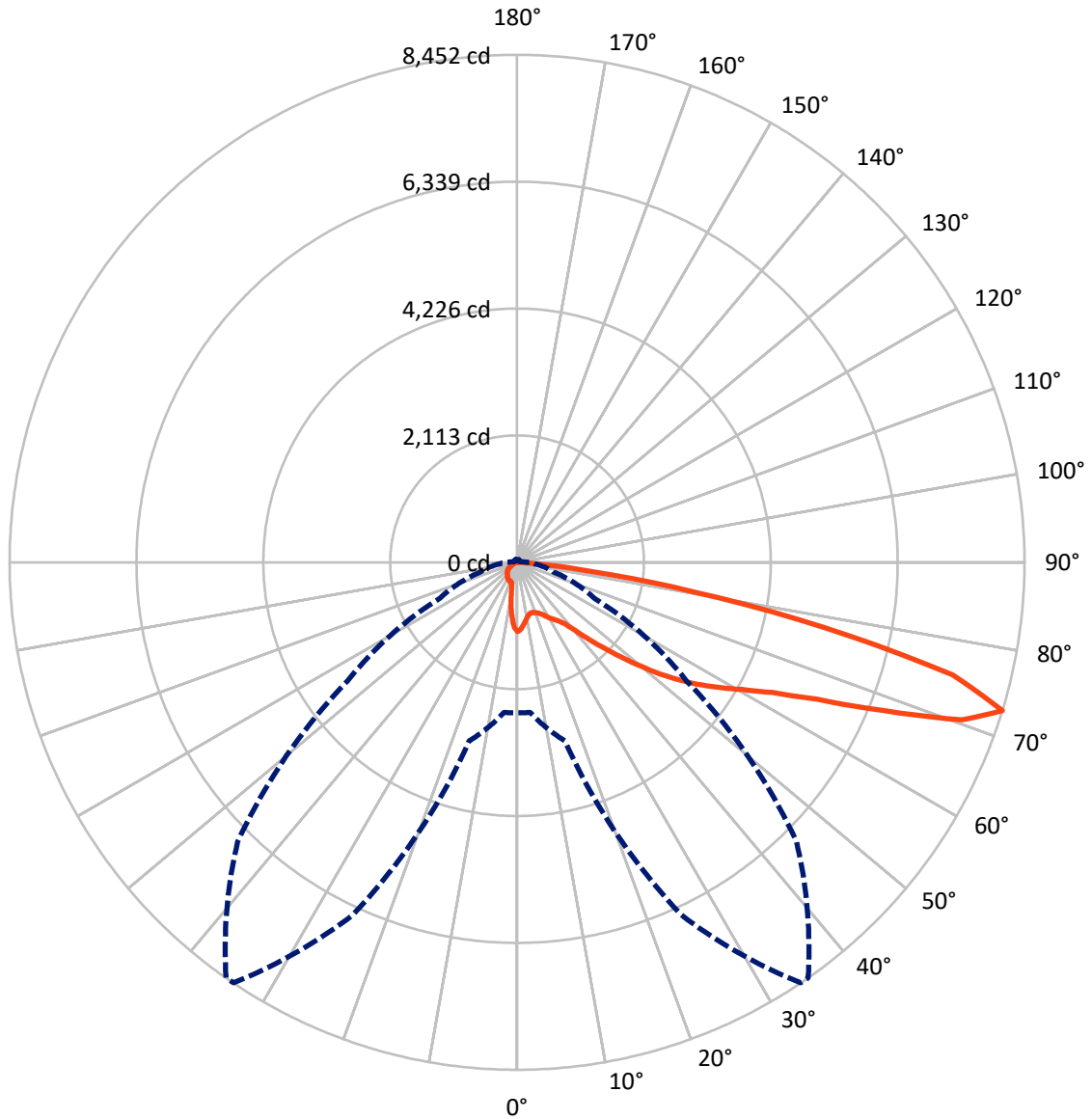
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.8 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral      - - - Horizontal Cone Through 72.5-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	896.9	0.0	896.9
	% Fixture	11.3	0.0	11.3
<b>Street Side</b>	Lumens	7072.1	0.0	7072.1
	% Fixture	88.7	0.0	88.7
<b>Total</b>	Lumens	7969.0	0.0	7969.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	94.9	1.2
10°-20°	222.0	2.8
20°-30°	360.7	4.5
30°-40°	601.8	7.6
40°-50°	1138.6	14.3
50°-60°	1809.2	22.7
60°-70°	2238.1	28.1
70°-80°	1391.2	17.5
80°-90°	112.4	1.4
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°	7969.0	100.0
0°-180°	7969.0	100.0

**Coefficient of Utilization**

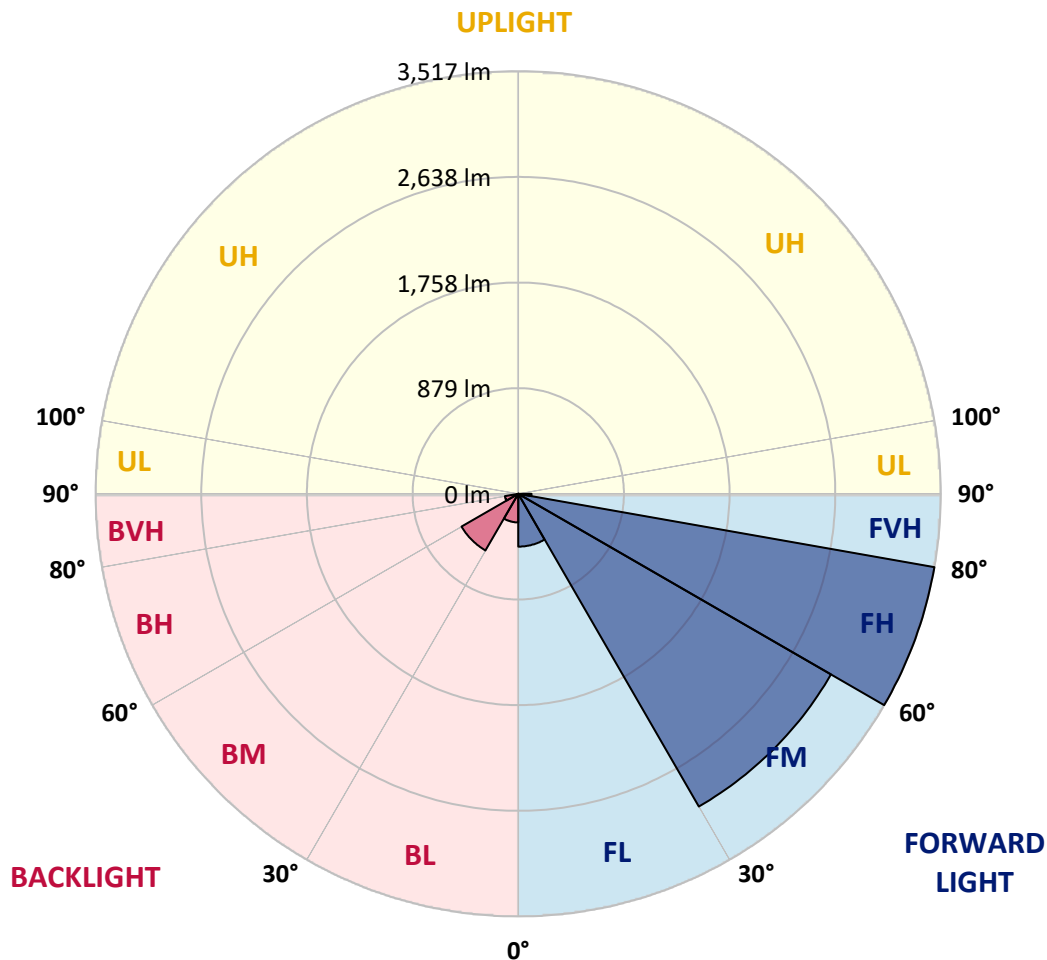


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	439.3	5.5			
FM (30°-60°)	3005.1	37.7			
FH (60°-80°)	3516.8	44.1			G2/5000
FVH (80°-90°)	110.9	1.4			G2/225
BL (0°-30°)	238.3	3.0	B1/500		
BM (30°-60°)	544.5	6.8	B1/1000		
BH (60°-80°)	112.5	1.4	B1/500		G1/500
BVH (80°-90°)	1.5	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-G2**  
 Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°
0°	1155.0	1155.0	1155.0	1155.0	1155.0	1155.0	1155.0	1155.0	1155.0	1155.0
2.5°	1103.6	1112.9	1114.7	1117.6	1117.6	1121.1	1126.9	1135.1	1148.6	1155.6
5°	1017.2	1024.2	1032.9	1039.9	1053.4	1055.1	1077.9	1100.1	1131.0	1154.4
7.5°	930.2	938.3	950.0	967.0	984.5	989.7	1024.2	1061.5	1110.6	1154.4
10°	868.9	869.4	880.0	896.9	924.9	931.3	973.4	1026.5	1087.8	1147.4
12.5°	834.4	838.5	843.2	856.0	882.9	887.0	931.9	994.4	1065.1	1143.3
15°	834.4	837.3	840.2	846.7	868.3	871.8	911.5	974.0	1053.4	1145.0
17.5°	843.2	847.8	845.5	853.1	875.9	878.2	913.2	968.1	1052.8	1156.1
20°	864.2	867.7	863.0	867.7	890.5	895.1	931.3	979.2	1062.7	1175.4
22.5°	897.5	899.2	888.1	891.6	915.0	920.8	962.9	1010.7	1086.7	1206.4
25°	939.5	943.0	926.1	930.2	952.4	959.4	1007.8	1058.0	1124.6	1249.0
27.5°	988.0	989.7	975.1	974.5	1003.2	1013.1	1062.1	1116.4	1175.4	1302.7
30°	1043.4	1048.7	1034.7	1032.4	1068.6	1076.7	1125.2	1188.3	1250.2	1383.3
32.5°	1087.2	1091.3	1083.2	1089.0	1125.8	1132.2	1201.7	1289.9	1367.5	1497.7
35°	1150.3	1152.6	1134.0	1144.5	1186.5	1202.9	1306.2	1432.3	1515.2	1641.4
37.5°	1378.6	1378.6	1299.2	1247.2	1287.5	1302.1	1449.3	1611.6	1697.4	1834.1
40°	1694.5	1689.3	1573.1	1466.8	1461.5	1490.1	1653.1	1837.6	1932.7	2065.3
42.5°	2031.4	2023.3	1865.0	1759.9	1742.4	1752.3	1888.4	2116.1	2213.0	2347.3
45°	2330.4	2328.1	2183.2	2041.9	2010.4	2041.9	2182.1	2441.9	2511.4	2652.7
47.5°	2580.9	2580.9	2475.2	2382.9	2366.6	2385.3	2579.7	2803.4	2796.9	2977.9
50°	2869.3	2867.0	2766.6	2726.9	2743.8	2770.1	3037.5	3184.1	3092.4	3297.3
52.5°	3071.4	3085.4	3050.9	3044.5	3130.9	3176.5	3502.3	3556.6	3356.9	3600.4
55°	3231.4	3247.7	3287.4	3332.4	3498.8	3558.4	3952.5	3909.9	3578.2	3863.2
57.5°	3457.9	3434.6	3495.9	3584.6	3853.8	3925.6	4388.7	4243.3	3756.3	4076.3
60°	3732.9	3736.4	3747.0	3859.1	4208.2	4300.5	4818.4	4558.6	3870.7	4207.1
62.5°	4063.4	4068.7	4090.3	4262.5	4684.1	4771.1	5276.2	4816.7	3923.3	4170.3
65°	4040.7	4062.9	4304.0	4893.2	5407.6	5493.4	5810.5	4997.7	3843.9	3834.0
67.5°	3681.0	3717.2	4120.7	5646.4	6498.3	6594.1	6456.3	5033.3	3501.1	2981.4
70°	3209.2	3222.0	3707.2	6323.8	7761.3	7858.3	7034.4	4641.5	2656.8	1663.0
72.5°	2506.1	2509.1	3078.4	6480.8	8446.9	8452.1	6580.7	3445.7	1428.8	638.8
75°	1790.3	1772.8	2061.8	5255.8	7431.4	7491.0	4933.5	1616.3	546.0	301.9
77.5°	959.9	979.2	1166.7	3116.9	5133.7	5235.3	2691.8	466.0	277.9	205.5
80°	296.6	313.0	478.2	1427.1	2907.9	2969.2	997.9	207.3	193.9	146.6
82.5°	93.4	96.9	223.1	599.7	1206.9	1235.0	289.0	117.4	132.5	96.9
85°	26.9	27.4	99.3	223.6	298.4	304.2	81.2	45.5	75.9	60.1
87.5°	2.9	9.3	37.4	37.4	26.3	25.7	8.8	9.9	21.6	7.6
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°
1155.0	0°	1155.0	1155.0	1155.0	1155.0	1155.0	1155.0	1155.0	1155.0	1155.0	1155.0
1160.2	2.5°	1157.3	1157.9	1150.3	1137.5	1123.4	1111.8	1097.2	1085.5	1077.3	1075.0
1170.7	5°	1165.5	1161.4	1139.8	1100.7	1054.0	1013.7	968.7	933.1	909.7	899.8
1181.8	7.5°	1177.7	1166.1	1118.8	1041.7	952.4	872.9	792.4	729.9	690.2	670.3
1192.3	10°	1188.3	1164.9	1083.7	956.4	819.8	699.5	590.9	515.6	473.6	453.7
1204.6	12.5°	1198.2	1164.3	1038.2	855.4	670.3	523.2	422.2	384.8	373.1	369.0
1224.5	15°	1216.9	1166.1	981.0	739.8	521.4	395.3	358.5	357.9	360.3	359.1
1254.8	17.5°	1242.6	1167.8	916.2	617.2	402.3	348.6	346.8	352.1	355.6	353.8
1292.8	20°	1275.8	1174.8	847.3	495.7	345.7	336.9	341.0	345.7	348.6	345.7
1343.6	22.5°	1322.6	1187.1	771.9	398.2	327.6	329.9	333.4	338.7	341.6	337.5
1408.4	25°	1379.8	1206.4	697.8	346.3	318.8	321.7	327.0	332.8	336.3	332.2
1490.1	27.5°	1453.9	1237.3	629.5	334.6	310.1	311.8	319.4	328.2	332.8	327.6
1606.3	30°	1561.4	1288.1	570.5	339.8	304.8	300.7	311.2	323.5	328.7	324.1
1764.6	32.5°	1703.9	1359.9	534.3	348.0	302.5	287.9	297.8	313.6	322.3	319.4
1971.3	35°	1890.7	1469.1	520.3	357.4	300.7	274.4	281.4	298.4	313.6	316.5
2231.7	37.5°	2117.3	1620.9	524.4	361.4	295.5	263.3	266.8	281.4	301.3	310.6
2524.8	40°	2374.8	1797.9	547.7	357.4	289.6	254.0	254.6	265.7	283.2	297.2
2840.1	42.5°	2640.4	2004.6	590.9	342.2	284.4	245.8	244.1	251.7	263.3	273.3
3154.9	45°	2893.3	2217.1	633.5	321.2	277.9	237.7	233.6	236.5	238.8	242.9
3461.4	47.5°	3114.0	2366.6	621.3	301.9	269.2	228.3	221.3	220.1	213.1	212.5
3735.3	50°	3266.4	2399.3	551.8	282.6	256.3	217.8	206.7	199.7	187.4	181.6
3940.2	52.5°	3314.9	2270.2	450.8	263.3	235.3	203.8	188.0	176.9	161.7	156.5
4058.2	55°	3250.6	2017.4	360.3	240.0	206.1	185.1	167.6	153.0	140.7	134.3
4071.0	57.5°	3093.6	1695.7	284.9	212.5	175.2	164.1	146.6	132.0	121.5	115.0
3928.6	60°	2833.1	1346.5	225.4	179.8	149.5	141.3	123.2	113.9	104.5	96.9
3560.7	62.5°	2437.8	961.1	176.9	142.5	125.0	115.6	105.1	98.1	87.0	76.5
2899.1	65°	1902.4	588.0	136.6	104.5	100.4	95.8	89.3	82.9	69.5	59.0
1891.3	67.5°	1199.9	278.5	97.5	78.8	79.4	77.1	74.2	68.9	59.0	49.6
847.3	70°	528.4	134.9	64.2	60.1	59.0	59.0	61.3	59.6	50.2	41.5
294.3	72.5°	179.8	72.4	47.9	45.5	42.6	42.0	51.4	49.6	40.3	32.1
146.6	75°	94.0	48.5	35.0	32.7	25.7	30.9	40.9	38.5	28.6	21.0
96.9	77.5°	61.3	34.5	23.9	21.0	14.6	20.4	30.4	26.9	16.9	10.5
63.6	80°	38.5	22.8	14.0	9.9	7.0	11.1	16.3	11.7	6.4	2.3
37.4	82.5°	20.4	11.7	5.3	3.5	2.9	3.5	4.1	2.9	1.2	0.0
19.3	85°	8.2	4.1	1.8	1.2	0.6	0.0	1.2	0.6	0.0	0.0
3.5	87.5°	2.9	0.6	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°
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1155.0
1079.1
903.3
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345.1
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323.5
319.4
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301.9
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