

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: P852380

Luminaire Tested: **GLAN-SB3B-930-U-T4FT-HSS**

Issue Date: 7/11/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P852380  
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-SB3B-930-U-T4FT-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 90 CRI, 3000K, 450mA 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: 8630 lumens  
Efficiency: N/A  
Efficacy: 79.0 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2

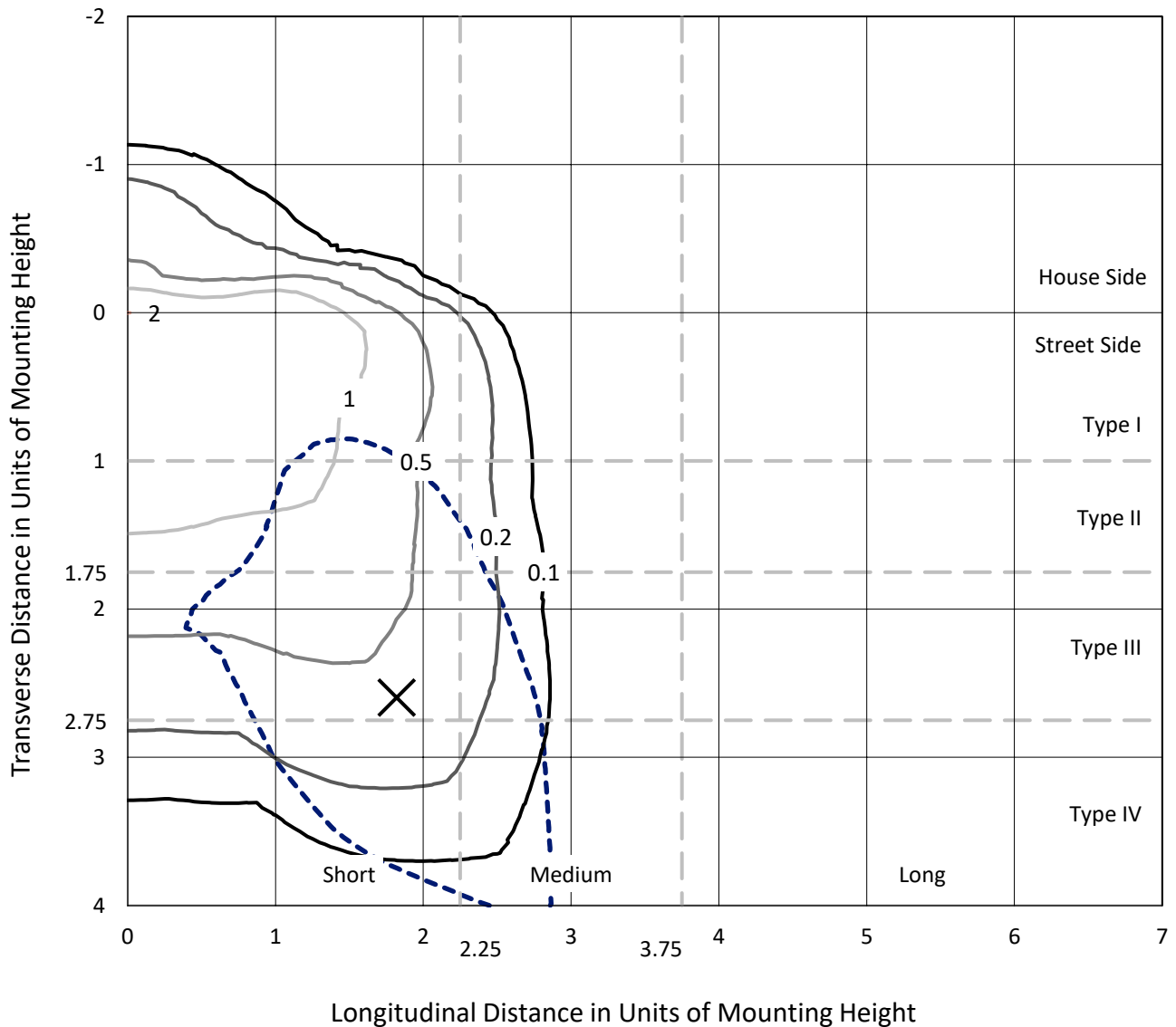
Input Watts (W): 109.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

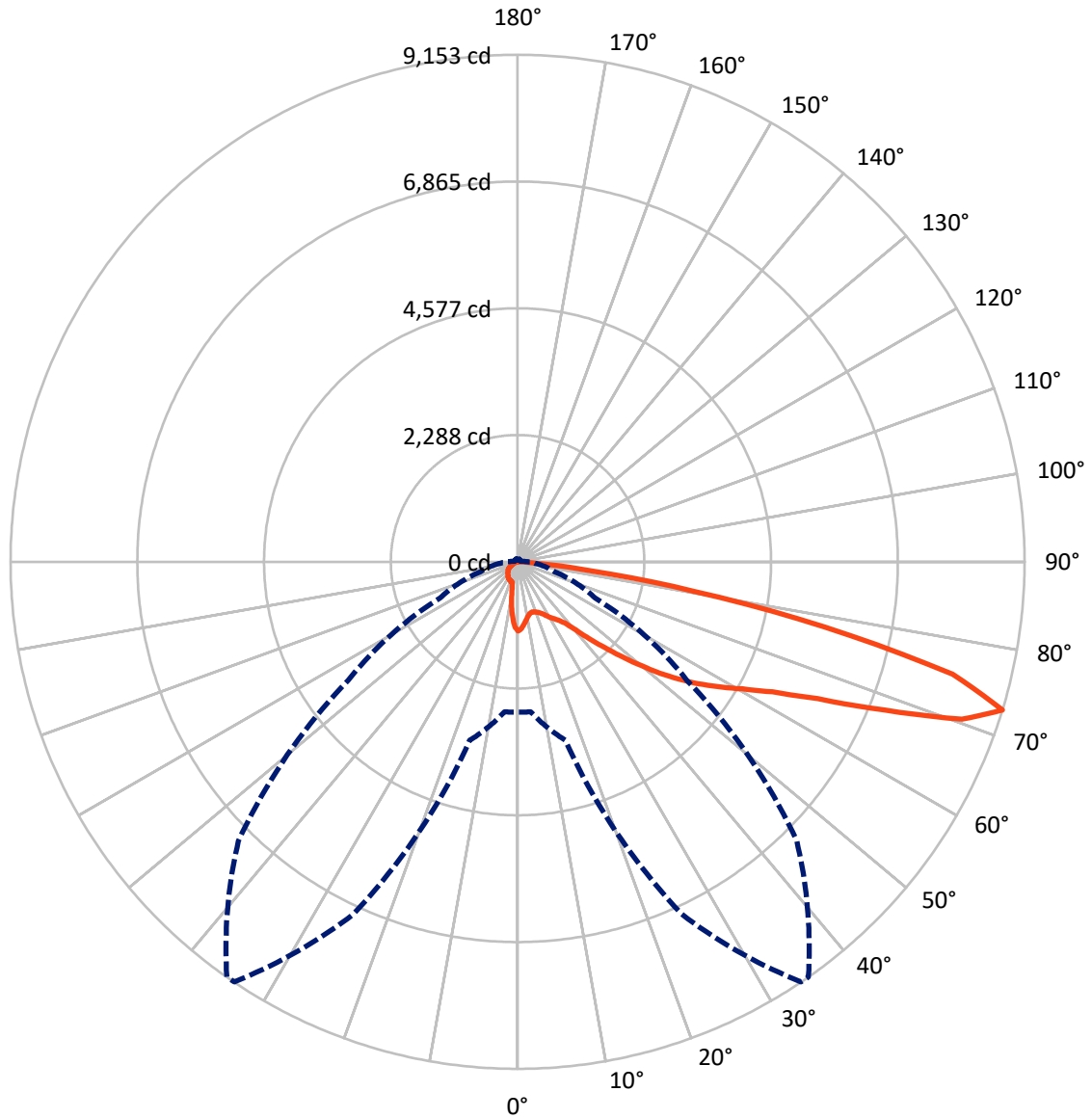
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2 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	971.3	0.0	971.3
	% Fixture	11.3	0.0	11.3
<b>Street Side</b>	Lumens	7658.7	0.0	7658.7
	% Fixture	88.7	0.0	88.7
<b>Total</b>	Lumens	8630.0	0.0	8630.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	102.8	1.2
10°-20°	240.4	2.8
20°-30°	390.6	4.5
30°-40°	651.7	7.6
40°-50°	1233.0	14.3
50°-60°	1959.3	22.7
60°-70°	2423.8	28.1
70°-80°	1506.6	17.5
80°-90°	121.8	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°	8630.0	100.0
0°-180°	8630.0	100.0

**Coefficient of Utilization**



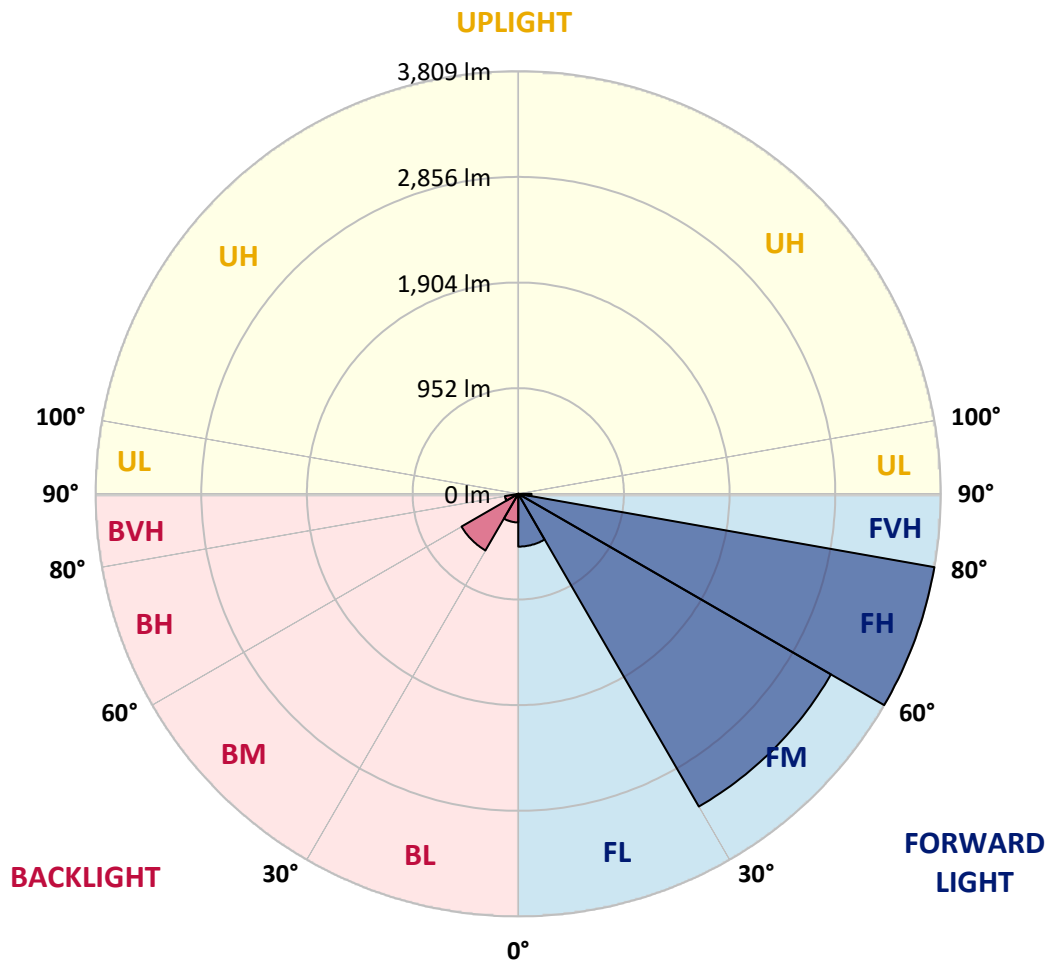
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	475.7	5.5			
FM (30°-60°)	3254.4	37.7			
FH (60°-80°)	3808.5	44.1			G2/5000
FVH (80°-90°)	120.1	1.4			G2/225
BL (0°-30°)	258.1	3.0	B1/500		
BM (30°-60°)	589.7	6.8	B1/1000		
BH (60°-80°)	121.9	1.4	B1/500		G1/500
BVH (80°-90°)	1.7	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°	1250.8	1250.8	1250.8	1250.8	1250.8	1250.8	1250.8	1250.8	1250.8	1250.8
2.5°	1195.1	1205.2	1207.1	1210.3	1210.3	1214.1	1220.4	1229.3	1243.8	1251.4
5°	1101.5	1109.1	1118.6	1126.2	1140.7	1142.6	1167.3	1191.3	1224.9	1250.1
7.5°	1007.3	1016.2	1028.8	1047.2	1066.1	1071.8	1109.1	1149.6	1202.7	1250.1
10°	940.9	941.6	952.9	971.3	1001.6	1008.6	1054.1	1111.7	1178.1	1242.6
12.5°	903.6	908.0	913.1	927.0	956.1	960.5	1009.2	1076.9	1153.4	1238.1
15°	903.6	906.8	909.9	916.9	940.3	944.1	987.1	1054.7	1140.7	1240.0
17.5°	913.1	918.2	915.6	923.9	948.5	951.0	989.0	1048.4	1140.1	1252.0
20°	935.9	939.7	934.6	939.7	964.3	969.4	1008.6	1060.4	1150.9	1272.9
22.5°	971.9	973.8	961.8	965.6	990.9	997.2	1042.7	1094.6	1176.8	1306.4
25°	1017.4	1021.2	1002.9	1007.3	1031.4	1038.9	1091.4	1145.8	1217.9	1352.6
27.5°	1069.9	1071.8	1056.0	1055.4	1086.4	1097.1	1150.2	1209.0	1272.9	1410.8
30°	1130.0	1135.7	1120.5	1118.0	1157.2	1166.0	1218.5	1286.8	1353.8	1498.0
32.5°	1177.4	1181.9	1173.0	1179.3	1219.2	1226.1	1301.4	1396.8	1480.9	1622.0
35°	1245.7	1248.2	1228.0	1239.4	1284.9	1302.6	1414.6	1551.1	1640.9	1777.5
37.5°	1493.0	1493.0	1407.0	1350.7	1394.3	1410.1	1569.5	1745.3	1838.2	1986.2
40°	1835.1	1829.4	1703.5	1588.4	1582.8	1613.7	1790.2	1990.0	2093.1	2236.6
42.5°	2199.9	2191.1	2019.7	1905.9	1886.9	1897.7	2045.0	2291.6	2396.6	2542.0
45°	2523.7	2521.2	2364.3	2211.3	2177.2	2211.3	2363.1	2644.5	2719.7	2872.7
47.5°	2795.0	2795.0	2680.5	2580.6	2562.9	2583.1	2793.7	3035.9	3028.9	3225.0
50°	3107.3	3104.8	2996.0	2953.0	2971.4	2999.8	3289.5	3448.2	3348.9	3570.8
52.5°	3326.1	3341.3	3304.0	3297.0	3390.6	3440.0	3792.8	3851.6	3635.3	3899.0
55°	3499.4	3517.1	3560.1	3608.8	3789.0	3853.5	4280.3	4234.2	3875.0	4183.6
57.5°	3744.7	3719.4	3785.8	3882.0	4173.5	4251.2	4752.7	4595.2	4067.9	4414.4
60°	4042.6	4046.4	4057.8	4179.2	4557.3	4657.2	5218.1	4936.7	4191.8	4556.0
62.5°	4400.5	4406.2	4429.6	4616.1	5072.7	5166.9	5713.9	5216.2	4248.7	4516.2
65°	4375.8	4399.8	4661.0	5299.0	5856.1	5949.1	6292.5	5412.2	4162.7	4152.0
67.5°	3986.3	4025.5	4462.5	6114.8	7037.4	7141.1	6991.8	5450.8	3791.5	3228.7
70°	3475.4	3489.3	4014.8	6848.3	8405.1	8510.1	7617.8	5026.5	2877.2	1800.9
72.5°	2714.0	2717.2	3333.7	7018.4	9147.5	9153.2	7126.5	3731.5	1547.3	691.8
75°	1938.8	1919.8	2232.8	5691.7	8047.8	8112.3	5342.7	1750.3	591.2	326.9
77.5°	1039.6	1060.4	1263.4	3375.5	5559.6	5669.6	2915.1	504.6	301.0	222.6
80°	321.2	338.9	517.9	1545.4	3149.1	3215.5	1080.7	224.5	209.9	158.7
82.5°	101.2	105.0	241.6	649.4	1307.1	1337.4	313.0	127.1	143.5	105.0
85°	29.1	29.7	107.5	242.2	323.1	329.5	87.9	49.3	82.2	65.1
87.5°	3.2	10.1	40.5	40.5	28.5	27.8	9.5	10.7	23.4	8.2
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°
1250.8	0°	1250.8	1250.8	1250.8	1250.8	1250.8	1250.8	1250.8	1250.8	1250.8	1250.8
1256.5	2.5°	1253.3	1253.9	1245.7	1231.8	1216.6	1204.0	1188.2	1175.5	1166.7	1164.1
1267.8	5°	1262.2	1257.7	1234.3	1192.0	1141.4	1097.7	1049.1	1010.5	985.2	974.4
1279.9	7.5°	1275.4	1262.8	1211.6	1128.1	1031.4	945.4	858.1	790.4	747.4	725.9
1291.2	10°	1286.8	1261.5	1173.6	1035.8	887.8	757.5	639.9	558.4	512.8	491.3
1304.5	12.5°	1297.6	1260.9	1124.3	926.4	725.9	566.6	457.2	416.7	404.1	399.6
1326.0	15°	1317.8	1262.8	1062.3	801.2	564.7	428.1	388.3	387.6	390.2	388.9
1358.9	17.5°	1345.6	1264.7	992.1	668.4	435.7	377.5	375.6	381.3	385.1	383.2
1400.0	20°	1381.7	1272.3	917.5	536.9	374.3	364.9	369.3	374.3	377.5	374.3
1455.0	22.5°	1432.3	1285.6	836.0	431.3	354.7	357.3	361.1	366.8	369.9	365.5
1525.2	25°	1494.2	1306.4	755.7	375.0	345.3	348.4	354.1	360.4	364.2	359.8
1613.7	27.5°	1574.5	1339.9	681.7	362.3	335.8	337.7	345.9	355.4	360.4	354.7
1739.6	30°	1690.9	1395.0	617.8	368.0	330.1	325.7	337.0	350.3	356.0	351.0
1910.9	32.5°	1845.2	1472.7	578.6	376.9	327.6	311.7	322.5	339.6	349.1	345.9
2134.8	35°	2047.5	1591.0	563.4	387.0	325.7	297.2	304.8	323.1	339.6	342.7
2416.8	37.5°	2292.9	1755.4	567.8	391.4	320.0	285.2	289.0	304.8	326.3	336.4
2734.3	40°	2571.7	1947.0	593.1	387.0	313.6	275.1	275.7	287.7	306.7	321.9
3075.7	42.5°	2859.5	2170.8	639.9	370.6	308.0	266.2	264.3	272.5	285.2	295.9
3416.6	45°	3133.3	2401.0	686.1	347.8	301.0	257.4	252.9	256.1	258.6	263.1
3748.5	47.5°	3372.3	2562.9	672.8	326.9	291.5	247.2	239.7	238.4	230.8	230.2
4045.1	50°	3537.3	2598.3	597.6	306.1	277.6	235.9	223.8	216.3	203.0	196.7
4267.1	52.5°	3589.8	2458.6	488.2	285.2	254.8	220.7	203.6	191.6	175.2	169.5
4394.8	55°	3520.3	2184.7	390.2	259.9	223.2	200.5	181.5	165.7	152.4	145.4
4408.7	57.5°	3350.2	1836.3	308.6	230.2	189.7	177.7	158.7	142.9	131.5	124.6
4254.4	60°	3068.1	1458.2	244.1	194.8	161.9	153.0	133.4	123.3	113.2	105.0
3856.0	62.5°	2640.0	1040.8	191.6	154.3	135.3	125.2	113.8	106.2	94.2	82.8
3139.6	65°	2060.2	636.8	148.0	113.2	108.8	103.7	96.7	89.8	75.2	63.9
2048.2	67.5°	1299.5	301.6	105.6	85.4	86.0	83.5	80.3	74.6	63.9	53.7
917.5	70°	572.3	146.1	69.6	65.1	63.9	63.9	66.4	64.5	54.4	44.9
318.7	72.5°	194.8	78.4	51.9	49.3	46.2	45.5	55.6	53.7	43.6	34.8
158.7	75°	101.8	52.5	37.9	35.4	27.8	33.5	44.3	41.7	31.0	22.8
105.0	77.5°	66.4	37.3	25.9	22.8	15.8	22.1	32.9	29.1	18.3	11.4
68.9	80°	41.7	24.7	15.2	10.7	7.6	12.0	17.7	12.6	7.0	2.5
40.5	82.5°	22.1	12.6	5.7	3.8	3.2	3.8	4.4	3.2	1.3	0.0
20.9	85°	8.9	4.4	1.9	1.3	0.6	0.0	1.3	0.6	0.0	0.0
3.8	87.5°	3.2	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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