

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: P852796

Luminaire Tested: **GLAN-SB6C-722-U-T4FT-HSS**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P852796
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-SB6C-722-U-T4FT-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 615mA 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: 26888 lumens
Efficiency: N/A
Efficacy: 89.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G4

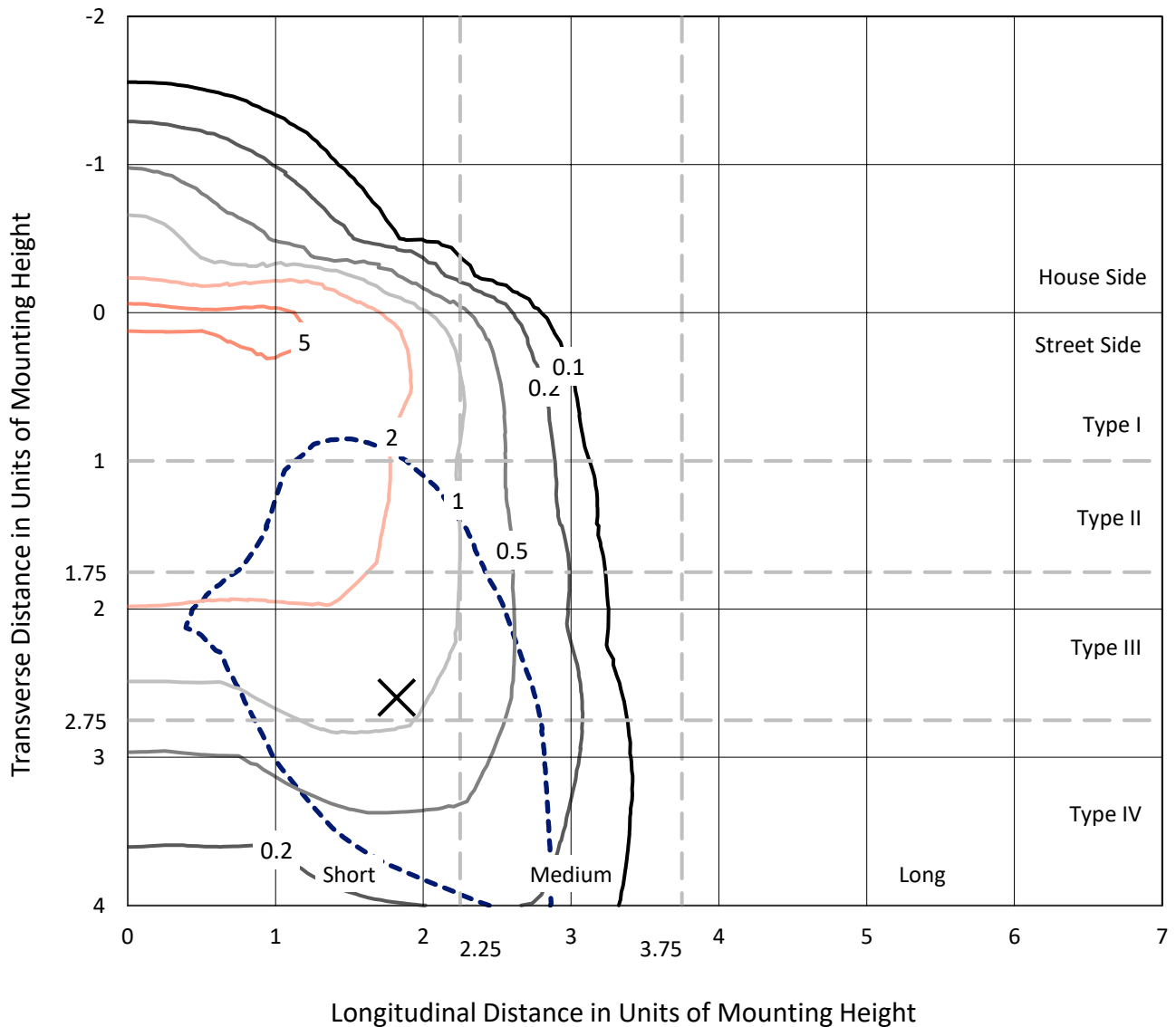
Input Watts (W): 300.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

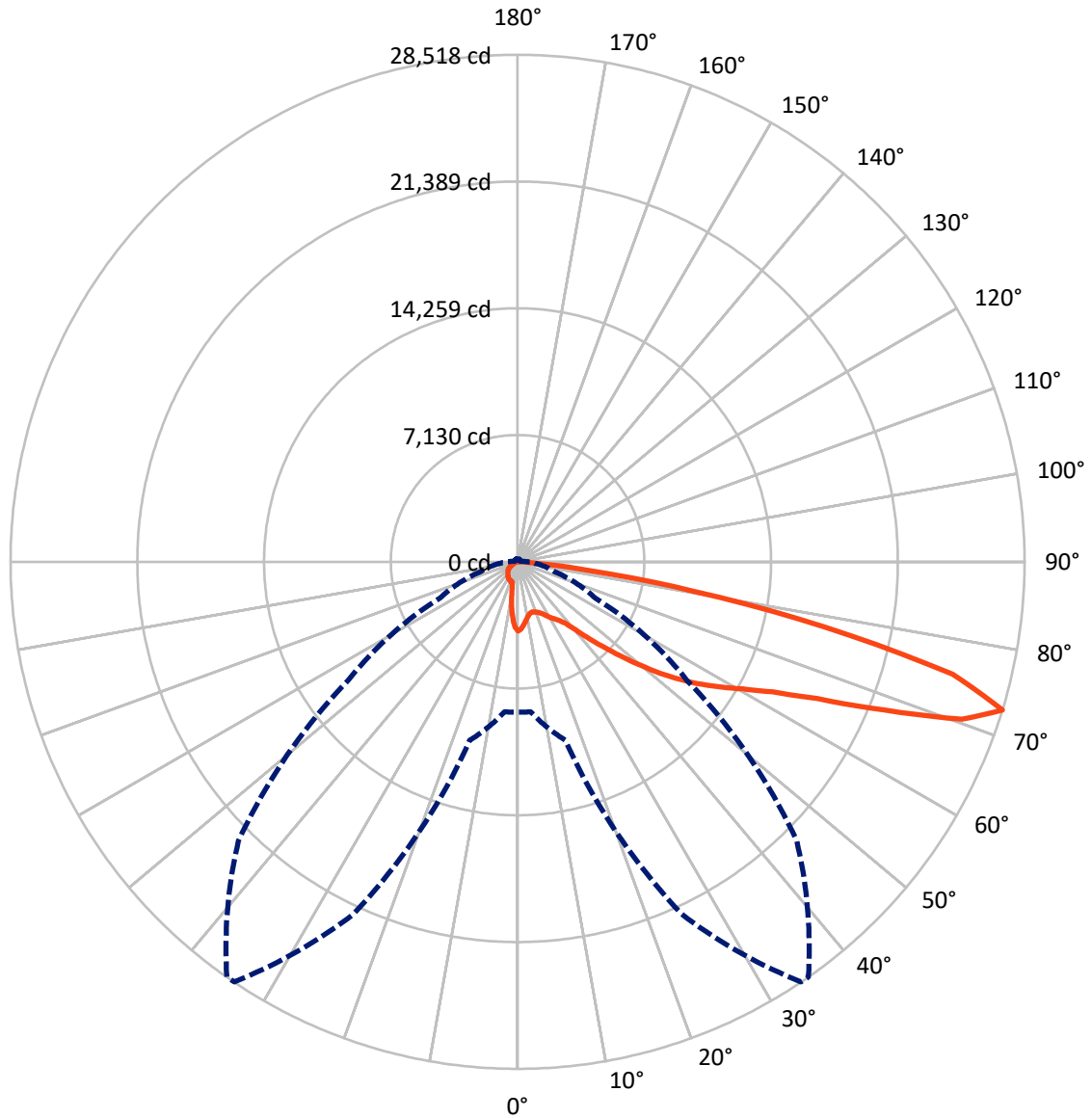
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.2 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
House Side	Lumens	3026.1	0.0	3026.1
	% Fixture	11.3	0.0	11.3
Street Side	Lumens	23861.9	0.0	23861.9
	% Fixture	88.7	0.0	88.7
Total	Lumens	26888.0	0.0	26888.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	320.2	1.2
10°-20°	749.1	2.8
20°-30°	1216.9	4.5
30°-40°	2030.5	7.6
40°-50°	3841.7	14.3
50°-60°	6104.4	22.7
60°-70°	7551.6	28.1
70°-80°	4694.1	17.5
80°-90°	379.4	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°	26888.0	100.0
0°-180°	26888.0	100.0

Coefficient of Utilization

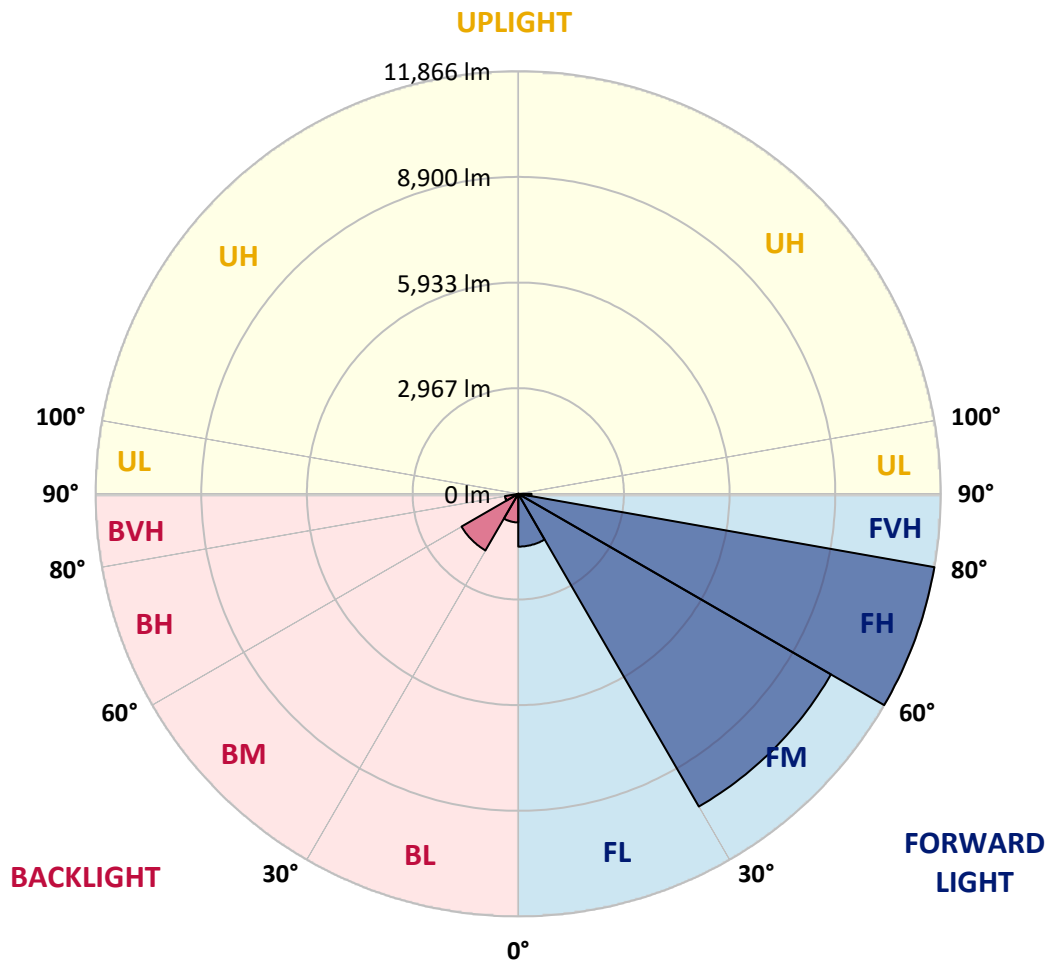


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1482.2	5.5			
FM (30°-60°)	10139.5	37.7			
FH (60°-80°)	11866.0	44.1			G4/12000
FVH (80°-90°)	374.2	1.4			G3/500
BL (0°-30°)	804.1	3.0	B2/1000		
BM (30°-60°)	1837.1	6.8	B2/2500		
BH (60°-80°)	379.7	1.4	B1/500		G1/500
BVH (80°-90°)	5.2	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4
 Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°
0°	3897.0	3897.0	3897.0	3897.0	3897.0	3897.0	3897.0	3897.0	3897.0	3897.0
2.5°	3723.6	3755.1	3761.0	3770.9	3770.9	3782.7	3802.4	3830.0	3875.3	3898.9
5°	3432.0	3455.7	3485.2	3508.9	3554.2	3560.1	3636.9	3711.8	3816.2	3895.0
7.5°	3138.5	3166.0	3205.4	3262.6	3321.7	3339.4	3455.7	3581.7	3747.2	3895.0
10°	2931.6	2933.6	2969.0	3026.2	3120.7	3142.4	3284.3	3463.5	3670.4	3871.4
12.5°	2815.4	2829.1	2844.9	2888.3	2978.9	2992.7	3144.4	3355.2	3593.6	3857.6
15°	2815.4	2825.2	2835.1	2856.7	2929.6	2941.4	3075.4	3286.2	3554.2	3863.5
17.5°	2844.9	2860.7	2852.8	2878.4	2955.2	2963.1	3081.3	3266.5	3552.2	3900.9
20°	2915.8	2927.7	2911.9	2927.7	3004.5	3020.3	3142.4	3304.0	3585.7	3965.9
22.5°	3028.1	3034.0	2996.6	3008.4	3087.2	3106.9	3248.8	3410.3	3666.5	4070.3
25°	3170.0	3181.8	3124.7	3138.5	3213.3	3237.0	3400.5	3569.9	3794.5	4214.2
27.5°	3333.5	3339.4	3290.2	3288.2	3384.7	3418.2	3583.7	3766.9	3965.9	4395.4
30°	3520.7	3538.4	3491.1	3483.2	3605.4	3633.0	3796.5	4009.3	4218.1	4667.3
32.5°	3668.4	3682.2	3654.6	3674.3	3798.5	3820.1	4054.6	4352.1	4614.1	5053.5
35°	3881.2	3889.1	3826.0	3861.5	4003.4	4058.5	4407.2	4832.8	5112.6	5538.1
37.5°	4651.5	4651.5	4383.6	4208.3	4344.2	4393.5	4889.9	5437.6	5727.2	6188.3
40°	5717.4	5699.7	5307.6	4949.0	4931.3	5027.8	5577.5	6200.1	6521.2	6968.4
42.5°	6854.2	6826.6	6292.7	5938.1	5879.0	5912.4	6371.5	7139.9	7466.9	7920.0
45°	7862.9	7855.0	7366.4	6889.6	6783.3	6889.6	7362.5	8239.2	8473.6	8950.4
47.5°	8708.1	8708.1	8351.5	8040.2	7985.1	8048.1	8704.2	9458.7	9437.1	10047.8
50°	9681.4	9673.5	9334.6	9200.6	9257.8	9346.4	10248.8	10743.3	10434.0	11125.5
52.5°	10363.0	10410.3	10294.1	10272.4	10564.0	10717.7	11817.0	12000.2	11326.4	12148.0
55°	10902.9	10958.0	11092.0	11243.7	11805.2	12006.1	13336.0	13192.2	12073.1	13034.6
57.5°	11667.3	11588.5	11795.3	12094.8	13003.0	13245.4	14807.7	14317.1	12674.0	13753.7
60°	12595.2	12607.0	12642.5	13020.8	14198.9	14510.2	16257.7	15381.0	13060.2	14195.0
62.5°	13710.3	13728.1	13801.0	14382.2	15804.6	16098.2	17802.3	16251.8	13237.5	14070.9
65°	13633.5	13708.4	14522.0	16509.9	18245.6	18535.2	19605.0	16862.6	12969.6	12936.1
67.5°	12419.9	12542.0	13903.4	19051.4	21925.9	22249.0	21784.0	16982.8	11813.1	10059.6
70°	10828.0	10871.3	12508.5	21336.8	26187.3	26514.4	23734.5	15660.8	8964.2	5611.0
72.5°	8455.9	8465.8	10386.7	21866.8	28500.3	28518.0	22203.7	11625.9	4821.0	2155.4
75°	6040.5	5981.4	6956.6	17733.4	25074.2	25275.2	16645.9	5453.4	1842.1	1018.6
77.5°	3238.9	3304.0	3936.4	10516.7	17321.6	17664.4	9082.4	1572.2	937.8	693.5
80°	1000.8	1056.0	1613.6	4815.1	9811.4	10018.3	3367.0	699.4	654.1	494.5
82.5°	315.2	327.0	752.6	2023.4	4072.3	4166.9	975.2	396.0	447.2	327.0
85°	90.6	92.6	334.9	754.6	1006.8	1026.5	273.9	153.7	256.1	202.9
87.5°	9.9	31.5	126.1	126.1	88.7	86.7	29.6	33.5	72.9	25.6
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°
3897.0	0°	3897.0	3897.0	3897.0	3897.0	3897.0	3897.0	3897.0	3897.0	3897.0	3897.0
3914.7	2.5°	3904.9	3906.8	3881.2	3837.9	3790.6	3751.2	3701.9	3662.5	3634.9	3627.1
3950.2	5°	3932.4	3918.6	3845.7	3713.7	3556.1	3420.2	3268.5	3148.3	3069.5	3036.0
3987.6	7.5°	3973.8	3934.4	3774.8	3514.8	3213.3	2945.4	2673.5	2462.7	2328.7	2261.7
4023.1	10°	4009.3	3930.5	3656.6	3227.1	2766.1	2360.2	1993.8	1739.6	1597.8	1530.8
4064.4	12.5°	4042.8	3928.5	3502.9	2886.3	2261.7	1765.3	1424.4	1298.3	1258.9	1245.1
4131.4	15°	4105.8	3934.4	3309.9	2496.2	1759.4	1333.8	1209.7	1207.7	1215.6	1211.6
4233.9	17.5°	4192.5	3940.3	3091.2	2082.5	1357.4	1176.2	1170.3	1188.0	1199.8	1193.9
4361.9	20°	4304.8	3964.0	2858.7	1672.7	1166.3	1136.8	1150.6	1166.3	1176.2	1166.3
4533.3	22.5°	4462.4	4005.3	2604.5	1343.6	1105.3	1113.1	1125.0	1142.7	1152.5	1138.8
4752.0	25°	4655.5	4070.3	2354.3	1168.3	1075.7	1085.6	1103.3	1123.0	1134.8	1121.0
5027.8	27.5°	4905.7	4174.8	2123.8	1128.9	1046.2	1052.1	1077.7	1107.2	1123.0	1105.3
5419.9	30°	5268.2	4346.2	1924.8	1146.6	1028.4	1014.6	1050.1	1091.5	1109.2	1093.4
5953.8	32.5°	5748.9	4588.5	1802.7	1174.2	1020.5	971.3	1004.8	1058.0	1087.5	1077.7
6651.3	35°	6379.4	4956.9	1755.4	1205.7	1014.6	926.0	949.6	1006.8	1058.0	1067.8
7529.9	37.5°	7143.8	5469.2	1769.2	1219.5	996.9	888.5	900.4	949.6	1016.6	1048.1
8519.0	40°	8012.6	6066.1	1848.0	1205.7	977.2	857.0	859.0	896.4	955.5	1002.8
9582.8	42.5°	8909.1	6763.6	1993.8	1154.5	959.5	829.4	823.5	849.1	888.5	922.0
10644.8	45°	9762.1	7480.7	2137.6	1083.6	937.8	801.9	788.1	797.9	805.8	819.6
11679.1	47.5°	10506.9	7985.1	2096.2	1018.6	908.2	770.3	746.7	742.7	719.1	717.1
12603.1	50°	11021.1	8095.4	1861.8	953.6	864.9	734.9	697.4	673.8	632.4	612.7
13294.6	52.5°	11184.6	7660.0	1521.0	888.5	794.0	687.6	634.4	597.0	545.7	528.0
13692.6	55°	10967.9	6806.9	1215.6	809.7	695.5	624.5	565.4	516.2	474.8	453.1
13735.9	57.5°	10437.9	5721.3	961.4	717.1	591.0	553.6	494.5	445.3	409.8	388.1
13255.2	60°	9559.2	4543.2	760.5	606.8	504.4	476.8	415.7	384.2	352.7	327.0
12014.0	62.5°	8225.4	3242.9	597.0	480.7	421.6	390.1	354.6	331.0	293.6	258.1
9781.8	65°	6418.8	1983.9	461.0	352.7	338.9	323.1	301.4	279.8	234.4	199.0
6381.3	67.5°	4048.7	939.8	329.0	266.0	267.9	260.1	250.2	232.5	199.0	167.5
2858.7	70°	1783.0	455.1	216.7	202.9	199.0	199.0	206.9	201.0	169.4	139.9
993.0	72.5°	606.8	244.3	161.6	153.7	143.8	141.9	173.4	167.5	135.9	108.4
494.5	75°	317.2	163.5	118.2	110.3	86.7	104.4	137.9	130.0	96.5	70.9
327.0	77.5°	206.9	116.2	80.8	70.9	49.3	69.0	102.4	90.6	57.1	35.5
214.7	80°	130.0	76.8	47.3	33.5	23.6	37.4	55.2	39.4	21.7	7.9
126.1	82.5°	69.0	39.4	17.7	11.8	9.9	11.8	13.8	9.9	3.9	0.0
65.0	85°	27.6	13.8	5.9	3.9	2.0	0.0	3.9	2.0	0.0	0.0
11.8	87.5°	9.9	2.0	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

(END O

180°
3897.0
3640.9
3047.8
2271.6
1532.8
1241.2
1209.7
1191.9
1164.4
1136.8
1119.0
1105.3
1091.5
1077.7
1067.8
1056.0
1018.6
935.8
827.5
715.2
614.7
526.0
453.1
384.2
321.1
252.2
193.1
163.5
134.0
102.4
65.0
31.5
5.9
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