

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: P849435

Luminaire Tested: **GLAN-SB6C-722-U-T2-HSS**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P849435
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6C-722-U-T2-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II
OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25933 lumens
Efficiency: N/A
Efficacy: 86.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

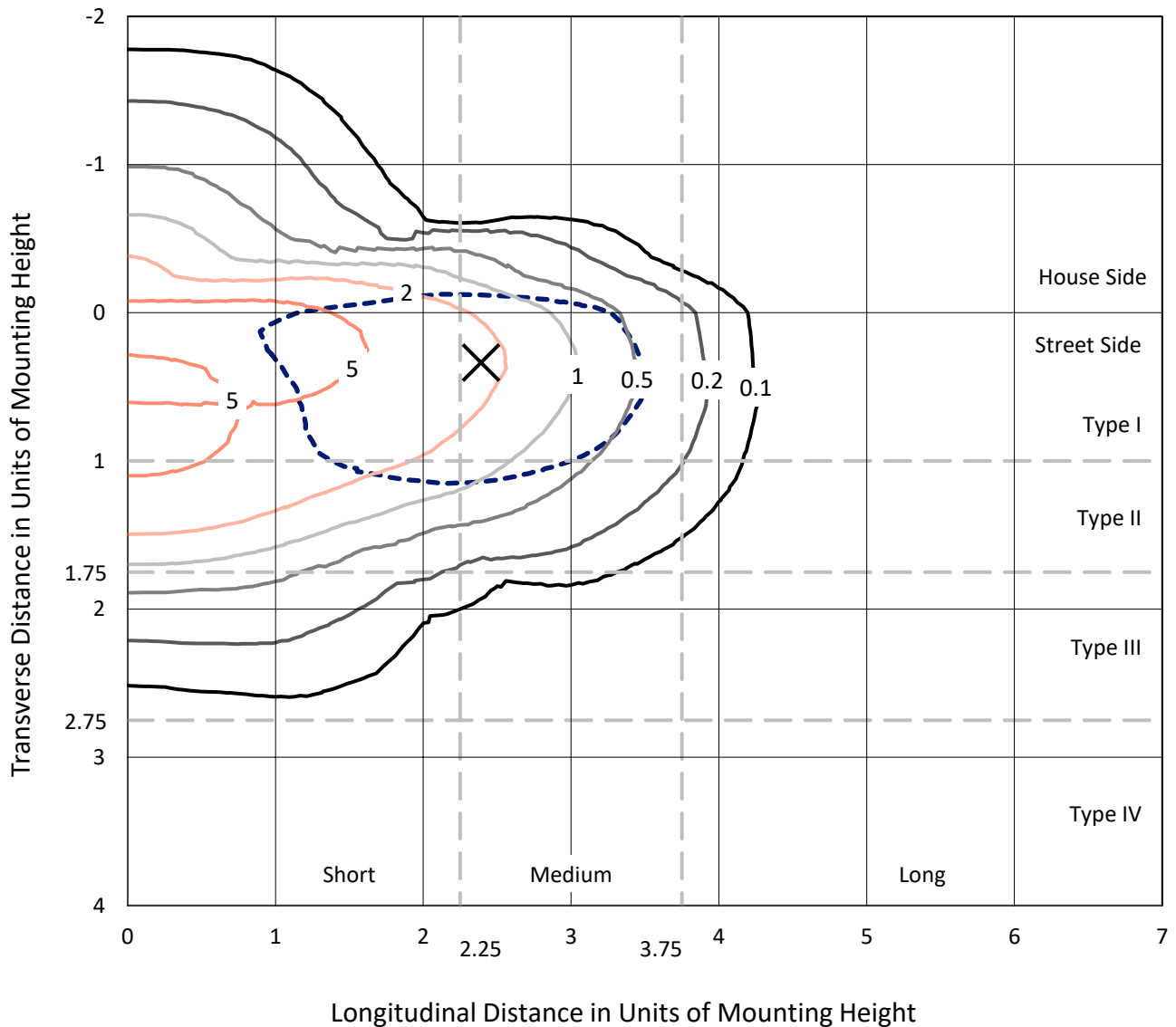
Input Watts (W): 300.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

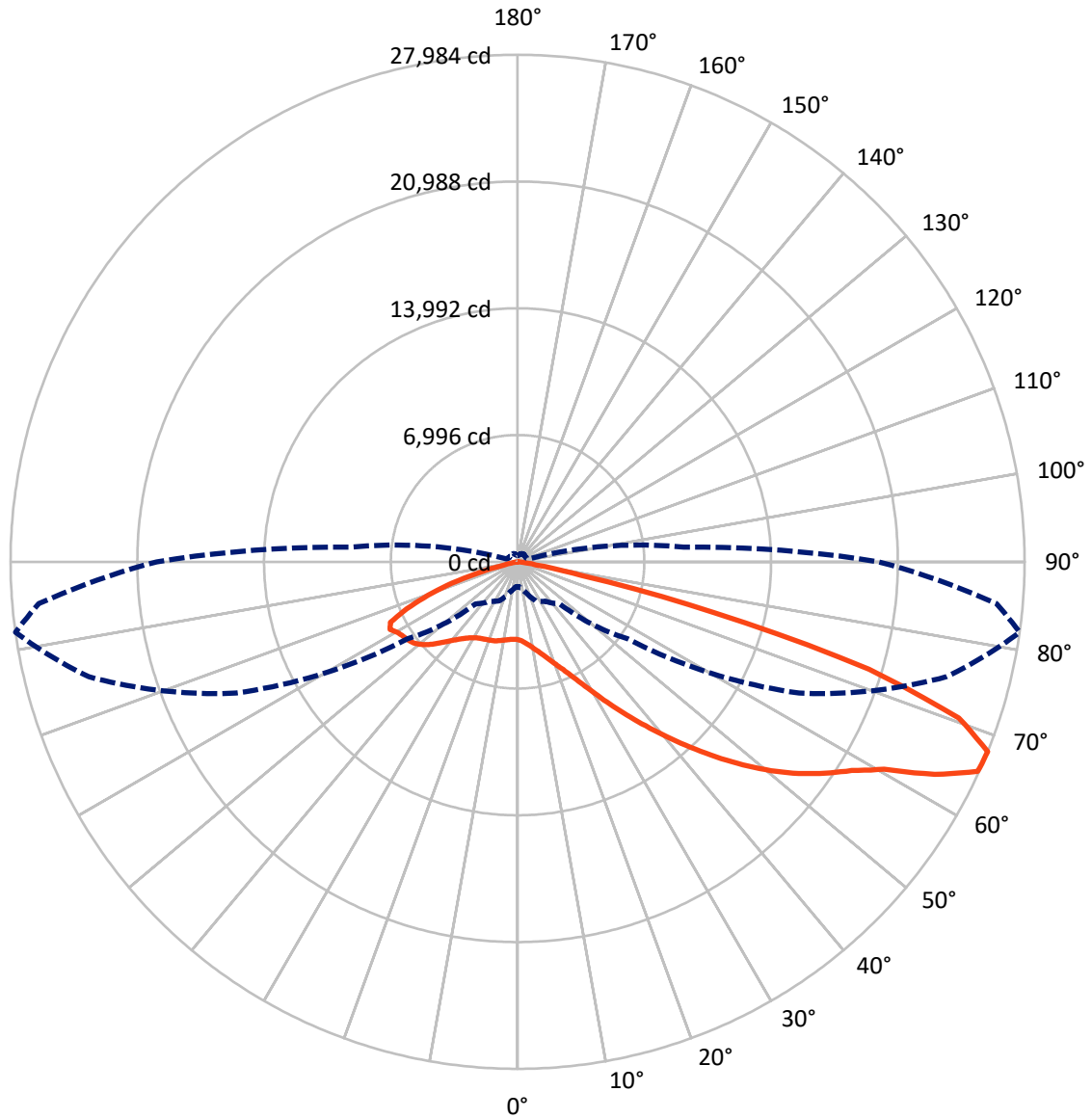
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.1 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 82-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4697.5	0.0	4697.5
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	21235.5	0.0	21235.5
	% Fixture	81.9	0.0	81.9
Total	Lumens	25933.0	0.0	25933.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	382.8	1.5
10°-20°	994.6	3.8
20°-30°	1593.1	6.1
30°-40°	2817.1	10.9
40°-50°	4935.8	19.0
50°-60°	6583.0	25.4
60°-70°	6128.4	23.6
70°-80°	2352.1	9.1
80°-90°	146.1	0.6
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°	25933.0	100.0
0°-180°	25933.0	100.0

Coefficient of Utilization

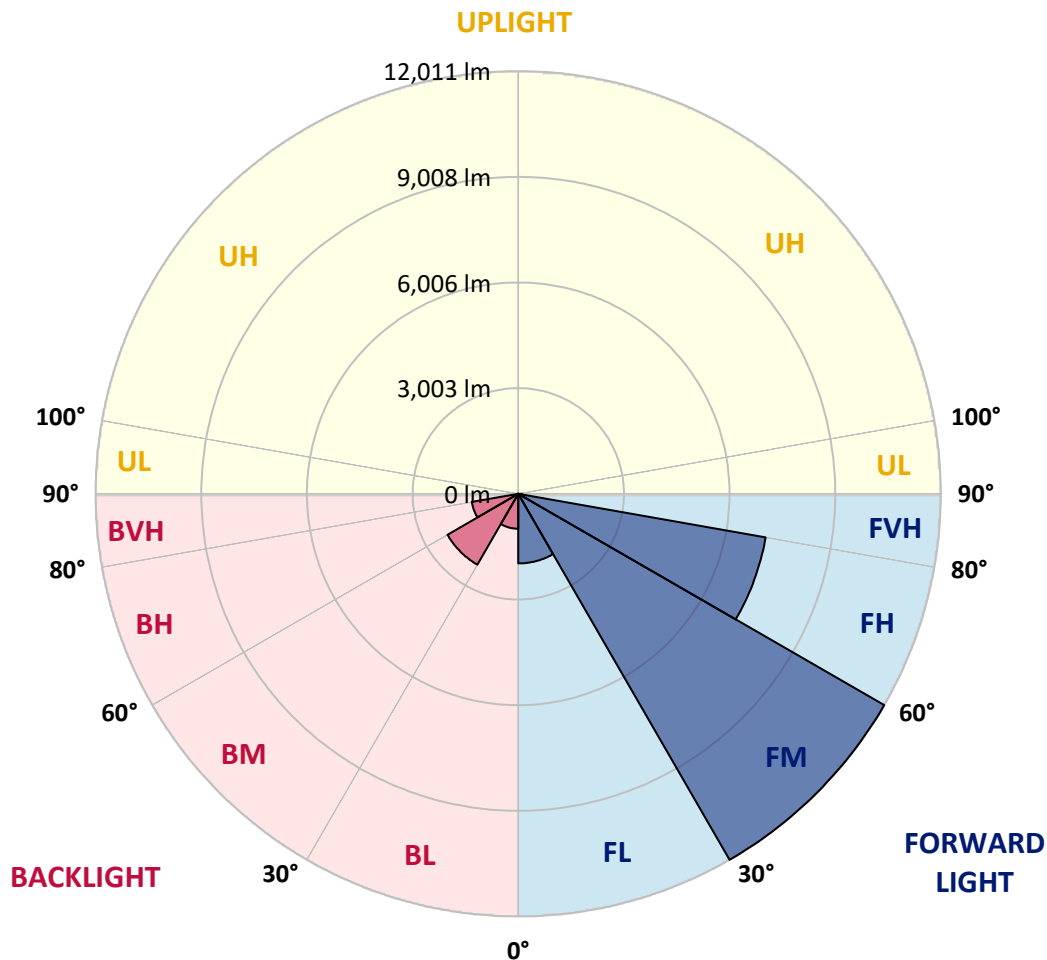


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1978.4	7.6			
FM (30°-60°)	12011.1	46.3			
FH (60°-80°)	7139.7	27.5			G3/7500
FVH (80°-90°)	106.2	0.4			G2/225
BL (0°-30°)	992.1	3.8	B2/1000		
BM (30°-60°)	2324.8	9.0	B2/2500		
BH (60°-80°)	1340.8	5.2	B3/2500		G3/2500
BVH (80°-90°)	39.9	0.2			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
 Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	4296.2	4296.2	4296.2	4296.2	4296.2	4296.2	4296.2	4296.2	4296.2	4296.2
2.5°	4540.8	4567.0	4552.0	4544.5	4531.5	4512.8	4497.9	4451.2	4402.6	4370.9
5°	4632.3	4658.4	4656.6	4664.0	4673.4	4679.0	4675.2	4623.0	4553.9	4499.7
7.5°	4553.9	4583.8	4608.0	4645.4	4710.7	4779.8	4813.4	4802.2	4731.3	4656.6
10°	4331.7	4363.4	4421.3	4509.1	4647.2	4796.6	4921.7	4979.6	4934.8	4852.6
12.5°	3924.7	3956.4	4070.3	4260.7	4492.3	4751.8	4990.8	5145.8	5157.0	5074.8
15°	3467.2	3499.0	3620.3	3859.3	4212.2	4628.6	5028.1	5321.3	5420.2	5349.3
17.5°	3183.4	3211.4	3302.9	3495.2	3863.1	4382.1	5015.1	5508.0	5733.9	5677.9
20°	3097.5	3121.8	3164.8	3299.2	3605.4	4126.3	4929.2	5683.5	6071.8	6040.1
22.5°	3189.0	3211.4	3224.5	3284.2	3476.6	3958.3	4820.9	5862.7	6463.9	6467.7
25°	3400.0	3422.4	3407.5	3444.8	3528.8	3906.0	4779.8	6073.7	6956.9	6997.9
27.5°	3747.3	3749.2	3713.7	3711.8	3724.9	3984.4	4822.7	6299.6	7578.6	7655.2
30°	4443.7	4415.7	4279.4	4131.9	4064.7	4219.7	4942.2	6566.6	8312.4	8448.7
32.5°	5517.3	5476.2	5226.0	4873.2	4518.4	4598.7	5157.0	6871.0	9111.5	9358.0
35°	6682.4	6671.2	6409.8	5885.1	5265.3	5138.3	5506.1	7270.5	9983.4	10375.5
37.5°	7765.3	7759.7	7610.3	6992.3	6238.0	5890.7	6066.2	7793.3	10917.0	11484.6
40°	8754.9	8771.7	8622.3	8069.7	7309.7	6856.0	6828.0	8439.3	11955.1	12692.6
42.5°	9610.0	9628.7	9477.5	9068.6	8368.4	7924.0	7763.4	9231.0	12968.9	13990.3
45°	10190.7	10306.4	10284.0	9957.3	9455.0	8993.9	8887.4	10224.3	14124.7	15366.3
47.5°	10355.0	10461.4	10629.5	10674.3	10368.1	9914.4	10041.3	11421.1	15293.5	16744.2
50°	9949.8	10048.8	10397.9	10862.8	11075.7	10935.7	11163.5	12703.8	16490.3	18118.4
52.5°	9150.7	9251.5	9692.2	10427.8	11296.0	11736.7	12289.3	13967.9	17649.8	19419.8
55°	7995.0	8101.4	8667.1	9499.9	10875.9	12067.1	13228.5	15230.0	18712.2	20590.5
57.5°	6422.9	6501.3	7089.4	8254.5	9819.1	11738.5	13921.2	16607.9	19712.9	21740.6
60°	4186.1	4255.1	4938.5	6238.0	8067.8	10640.7	14059.3	18144.6	21042.3	23236.2
62.5°	2783.9	2830.5	3235.7	4189.8	5681.6	8532.7	13250.9	19371.3	22991.6	25838.9
65°	1910.1	1956.7	2361.9	3026.6	3670.7	5644.3	10926.3	19208.8	24757.9	27905.8
67.5°	1363.0	1402.2	1745.7	2373.1	2656.9	3278.6	7406.8	17132.6	24504.0	27984.2
70°	976.5	998.9	1282.7	1848.4	2111.7	1969.8	4118.8	13103.4	21455.0	25840.8
72.5°	683.4	690.8	890.6	1407.8	1700.9	1437.7	1960.5	8736.2	16227.1	20282.4
75°	463.0	472.4	599.3	1032.5	1364.9	1097.9	1038.1	4684.6	9526.0	11226.9
77.5°	283.8	287.5	386.5	705.8	1021.3	836.5	668.4	1984.7	3685.7	3618.5
80°	160.6	160.6	246.5	438.8	696.4	539.6	468.6	843.9	1166.9	1025.0
82.5°	89.6	91.5	179.2	272.6	461.2	319.3	257.7	390.2	504.1	446.2
85°	37.3	41.1	110.2	128.8	220.3	158.7	104.6	164.3	186.7	166.2
87.5°	3.7	5.6	33.6	24.3	26.1	31.7	14.9	31.7	26.1	26.1
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°
4296.2	0°	4296.2	4296.2	4296.2	4296.2	4296.2	4296.2	4296.2	4296.2	4296.2	4296.2
4359.7	2.5°	4324.2	4296.2	4225.3	4143.1	4034.8	3982.5	3911.6	3863.1	3822.0	3825.7
4468.0	5°	4408.2	4337.3	4178.6	3980.7	3734.2	3558.7	3372.0	3243.2	3138.6	3116.2
4617.4	7.5°	4524.0	4412.0	4133.8	3777.2	3360.8	3045.3	2763.3	2582.2	2453.4	2412.3
4798.5	10°	4673.4	4510.9	4075.9	3521.4	2922.0	2520.6	2218.1	2076.2	1988.5	1958.6
5011.3	12.5°	4847.0	4624.8	3999.3	3209.6	2470.2	2083.7	1891.4	1820.4	1792.4	1783.1
5272.7	15°	5065.5	4766.7	3883.6	2839.9	2087.4	1816.7	1734.5	1725.2	1728.9	1725.2
5586.4	17.5°	5325.0	4921.7	3695.0	2459.0	1829.8	1680.4	1650.5	1658.0	1667.3	1665.5
5937.4	20°	5608.8	5074.8	3454.2	2121.0	1654.3	1583.3	1566.5	1574.0	1581.4	1577.7
6342.6	22.5°	5931.8	5239.1	3187.2	1857.8	1536.6	1493.7	1475.0	1476.9	1476.9	1469.4
6856.0	25°	6318.3	5420.2	2907.1	1671.1	1447.0	1413.4	1391.0	1383.5	1372.3	1349.9
7479.6	27.5°	6779.5	5612.5	2638.2	1540.4	1376.1	1344.3	1318.2	1299.5	1271.5	1234.2
8228.4	30°	7298.5	5845.9	2410.4	1458.2	1320.0	1288.3	1258.4	1230.4	1189.3	1142.7
9089.1	32.5°	7909.1	6096.1	2244.3	1404.1	1269.6	1236.0	1200.6	1166.9	1122.1	1075.5
10056.3	35°	8637.3	6398.6	2147.2	1366.7	1230.4	1185.6	1146.4	1109.1	1075.5	1034.4
11107.4	37.5°	9427.0	6719.7	2117.3	1348.1	1204.3	1135.2	1090.4	1064.3	1060.5	1036.2
12244.5	40°	10291.5	7100.6	2139.7	1336.9	1176.3	1086.7	1038.1	1032.5	1041.8	998.9
13460.0	42.5°	11206.4	7552.5	2177.1	1323.8	1137.1	1038.1	991.4	991.4	984.0	924.2
14744.6	45°	12196.0	8073.4	2214.4	1292.0	1090.4	989.6	954.1	941.0	909.3	851.4
16036.6	47.5°	13193.0	8603.6	2242.4	1234.2	1034.4	948.5	916.8	886.9	840.2	787.9
17304.4	50°	14139.6	9079.8	2212.5	1148.3	970.9	909.3	875.7	834.6	784.2	748.7
18504.9	52.5°	14985.4	9492.4	2085.6	1047.4	903.7	868.2	838.3	795.4	754.3	717.0
19587.9	55°	15721.1	9826.6	1861.5	952.2	843.9	832.7	802.9	748.7	692.7	661.0
20661.4	57.5°	16426.8	10080.5	1581.4	873.8	789.8	793.5	748.7	700.2	647.9	614.3
22108.5	60°	17366.0	10420.3	1297.6	801.0	731.9	743.1	694.6	659.1	593.7	550.8
24589.8	62.5°	18867.1	10948.7	1030.6	711.4	664.7	668.4	647.9	604.9	526.5	476.1
26428.9	65°	20058.4	10754.6	812.2	614.3	588.1	593.7	593.7	547.1	463.0	405.2
26527.9	67.5°	19923.9	9208.6	647.9	519.1	515.3	519.1	532.1	492.9	410.8	364.1
24507.7	70°	18353.7	7324.7	519.1	431.3	448.1	438.8	476.1	450.0	369.7	323.0
18999.7	72.5°	14976.1	5276.5	395.8	356.6	343.5	358.5	429.4	405.2	308.1	255.8
10063.7	75°	8751.1	2815.6	295.0	281.9	248.3	298.7	380.9	345.4	235.3	188.6
3084.5	77.5°	2849.2	982.1	216.6	207.2	184.8	240.9	324.9	291.3	192.3	149.4
903.7	80°	763.6	296.9	147.5	136.3	119.5	179.2	257.7	231.5	138.2	97.1
388.4	82.5°	306.2	125.1	85.9	76.6	65.3	123.2	203.5	186.7	102.7	61.6
121.4	85°	99.0	41.1	31.7	24.3	29.9	76.6	121.4	127.0	72.8	31.7
18.7	87.5°	13.1	5.6	5.6	7.5	5.6	13.1	37.3	35.5	20.5	3.7
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°
4296.2
3788.4
3065.8
2371.2
1936.2
1777.5
1723.3
1661.7
1575.8
1465.7
1346.2
1230.4
1138.9
1077.3
1030.6
1034.4
1000.8
924.2
849.5
786.1
743.1
713.2
657.2
610.5
545.2
472.4
399.6
356.6
317.4
250.2
183.0
143.8
95.2
61.6
24.3
0.0
0.0

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