

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: P849266

Luminaire Tested: **GLAN-SB6B-722-U-T2**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P849266
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-3)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6B-722-U-T2
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26458 lumens
Efficiency: N/A
Efficacy: 120.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G4

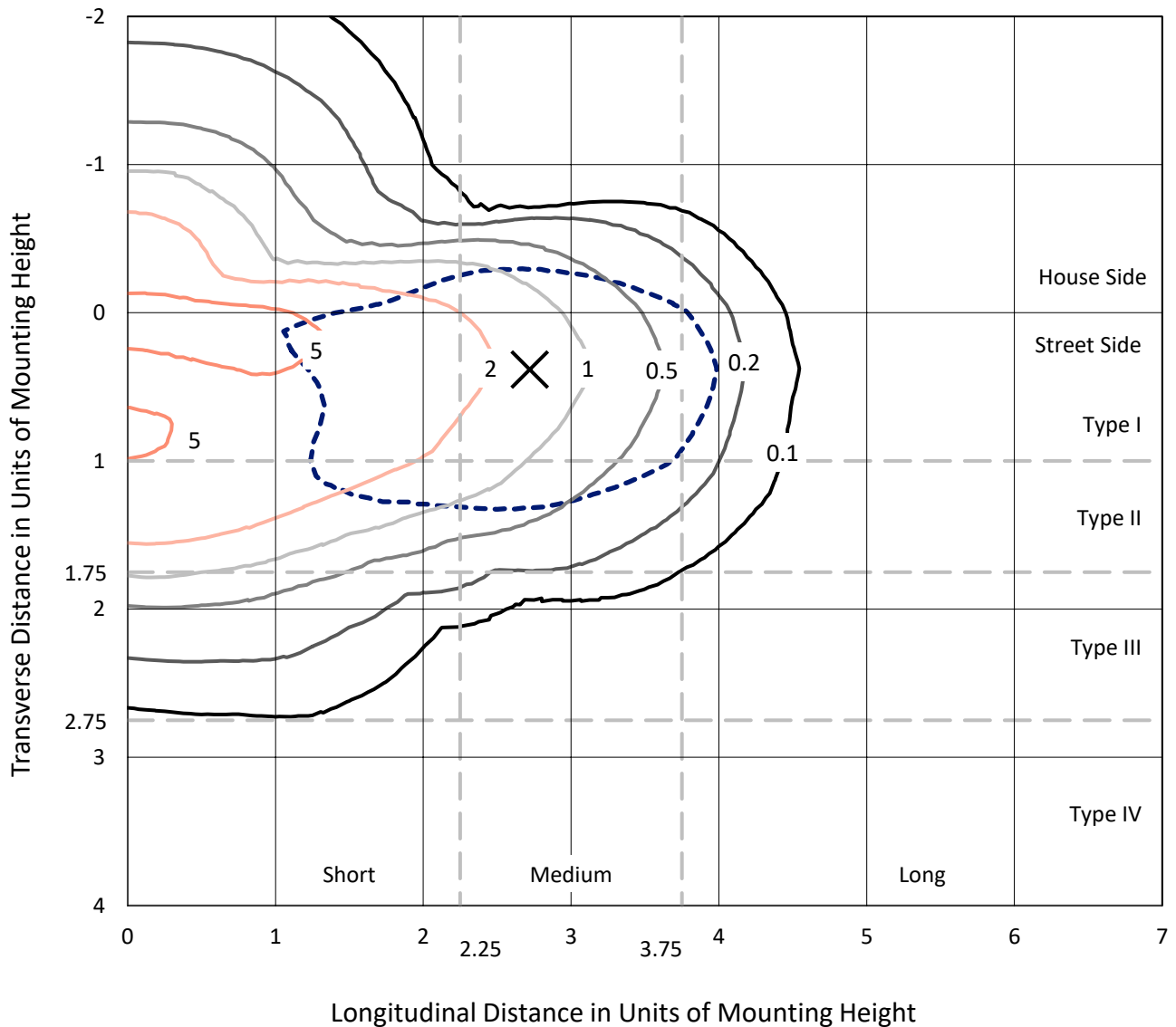
Input Watts (W): 220.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

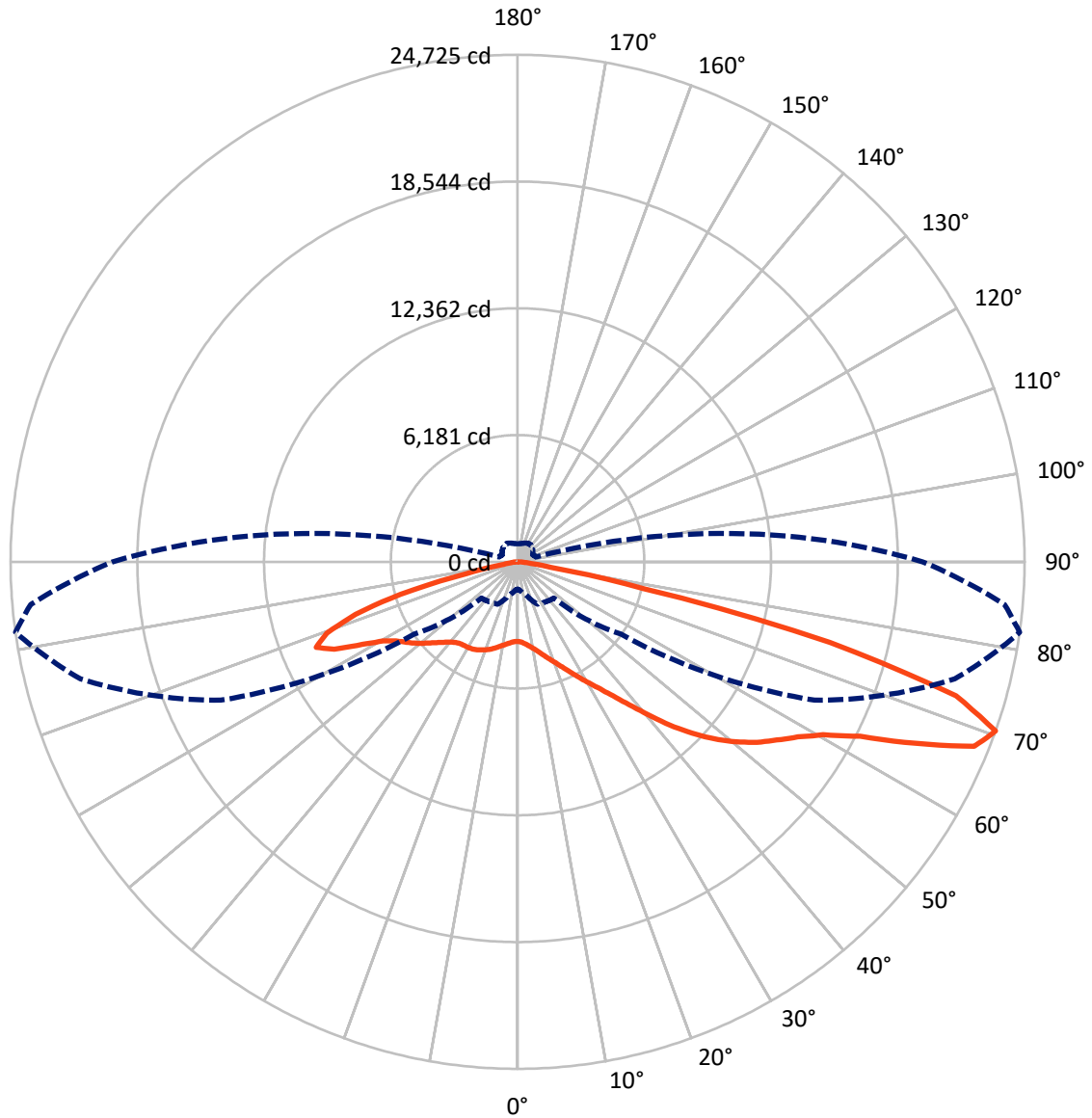
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.1 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 82-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6522.6	0.0	6522.6
	% Fixture	24.7	0.0	24.7
Street Side	Lumens	19935.5	0.0	19935.5
	% Fixture	75.3	0.0	75.3
Total	Lumens	26458.0	0.0	26458.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	366.3	1.4
10°-20°	1052.3	4.0
20°-30°	1760.3	6.7
30°-40°	2750.1	10.4
40°-50°	4379.9	16.6
50°-60°	6095.1	23.0
60°-70°	6375.8	24.1
70°-80°	3332.3	12.6
80°-90°	346.0	1.3
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°	26458.0	100.0
0°-180°	26458.0	100.0

Coefficient of Utilization

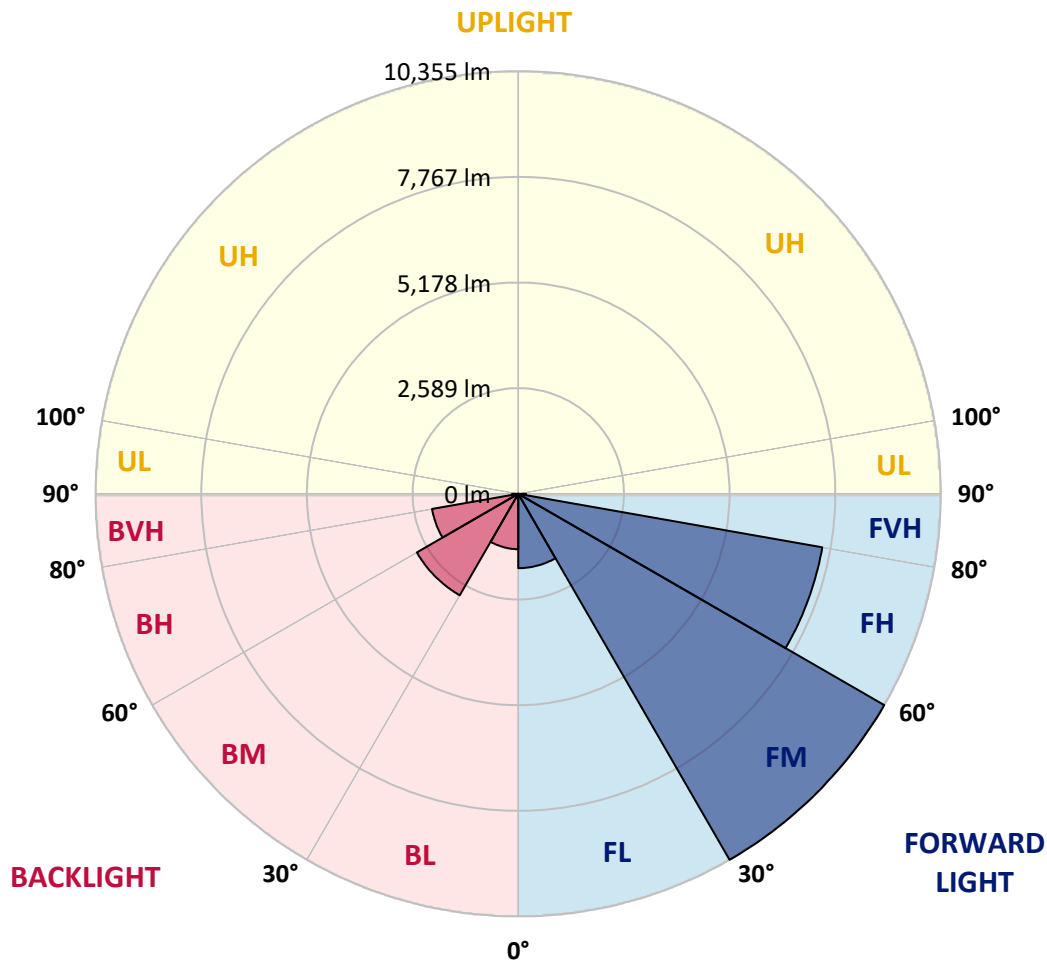


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1821.9	6.9			
FM (30°-60°)	10355.4	39.1			
FH (60°-80°)	7564.4	28.6			G4/12000
FVH (80°-90°)	193.7	0.7			G2/225
BL (0°-30°)	1356.9	5.1	B3/2500		
BM (30°-60°)	2869.7	10.8	B3/5000		
BH (60°-80°)	2143.6	8.1	B3/2500		G3/2500
BVH (80°-90°)	152.3	0.6			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
 Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	3879.1	3879.1	3879.1	3879.1	3879.1	3879.1	3879.1	3879.1	3879.1	3879.1
2.5°	3971.7	3994.2	3987.2	3980.2	3980.2	3970.3	3968.9	3954.9	3943.7	3925.4
5°	4022.3	4046.1	4043.3	4048.9	4067.2	4071.4	4075.6	4067.2	4044.7	4022.3
7.5°	3977.3	4004.0	4012.4	4046.1	4102.3	4152.8	4190.7	4206.2	4185.1	4152.8
10°	3825.7	3855.2	3884.7	3964.7	4064.4	4183.7	4284.8	4345.2	4341.0	4310.1
12.5°	3518.3	3549.1	3612.3	3768.2	3950.7	4161.3	4349.4	4475.7	4519.3	4496.8
15°	3272.6	3299.2	3347.0	3507.0	3744.3	4064.4	4373.3	4618.9	4729.9	4717.2
17.5°	3265.6	3276.8	3306.3	3382.1	3564.6	3912.8	4348.0	4759.3	4971.3	4969.9
20°	3389.1	3393.3	3410.2	3425.6	3529.5	3797.6	4283.4	4875.9	5242.3	5242.3
22.5°	3560.4	3557.6	3574.4	3560.4	3610.9	3787.8	4242.7	4978.4	5544.1	5566.6
25°	3817.3	3803.3	3799.0	3766.8	3776.6	3879.1	4287.6	5094.9	5902.1	5948.5
27.5°	4159.9	4137.4	4122.0	4047.5	4022.3	4067.2	4425.2	5235.3	6300.9	6380.9
30°	4606.3	4565.6	4543.1	4414.0	4322.7	4329.7	4633.0	5422.0	6717.8	6847.0
32.5°	5215.6	5152.4	5092.1	4880.1	4713.0	4658.3	4901.1	5680.3	7169.9	7376.3
35°	5897.9	5847.4	5782.8	5455.7	5198.8	5072.4	5263.4	6041.1	7699.2	8026.3
37.5°	6555.0	6511.5	6542.3	6101.5	5770.2	5586.3	5737.9	6525.5	8352.0	8835.0
40°	7234.5	7200.8	7205.0	6783.8	6397.7	6191.4	6313.5	7133.4	9100.3	9796.7
42.5°	7972.9	7947.7	7863.4	7490.0	7056.2	6863.8	6976.2	7835.4	9903.4	10891.7
45°	8799.9	8784.4	8705.8	8277.6	7780.6	7564.4	7716.0	8610.3	10710.6	11922.2
47.5°	9514.5	9527.1	9517.3	9156.5	8641.2	8323.9	8505.0	9419.0	11461.7	12890.9
50°	9858.4	9924.4	10021.3	9909.0	9588.9	9266.0	9301.1	10199.6	12177.7	13799.3
52.5°	9678.7	9803.7	10067.6	10247.3	10370.9	10303.5	10209.4	10974.6	12851.6	14619.2
55°	9009.1	9184.5	9622.6	10056.4	10686.8	11176.7	11300.3	11833.8	13508.7	15340.8
57.5°	7789.0	8074.0	8467.1	9344.6	10406.0	11599.3	12572.2	13025.7	14205.0	16111.6
60°	5697.2	6079.0	6567.6	7873.3	9423.2	11373.3	13654.7	14856.4	15194.8	17109.8
62.5°	3646.0	3881.9	4331.1	5561.0	7342.6	10215.0	13986.0	17144.9	16872.5	18746.8
65°	2496.2	2647.8	3059.2	3749.9	4746.7	7603.7	13098.7	18860.5	19537.2	21341.2
67.5°	1813.9	1929.0	2280.0	2885.1	3092.9	4499.6	10164.5	18781.8	22127.4	24014.3
70°	1322.5	1403.9	1698.8	2280.0	2379.7	2503.2	6157.7	15965.6	22071.3	24724.7
72.5°	979.9	1036.1	1234.1	1769.0	1926.2	1690.3	3047.9	11603.5	18965.8	22363.3
75°	709.0	751.1	897.1	1353.4	1541.5	1287.4	1520.5	6781.0	13229.3	15731.1
77.5°	541.9	574.2	669.7	991.2	1234.1	965.9	943.4	3119.5	6272.8	6303.7
80°	435.2	456.3	508.2	697.8	946.3	723.0	614.9	1259.3	1982.4	1677.7
82.5°	320.1	355.2	429.6	490.0	676.7	498.4	374.9	636.0	753.9	648.6
85°	182.5	206.4	259.7	351.0	432.4	304.7	214.8	282.2	351.0	287.8
87.5°	64.6	84.2	91.3	137.6	188.1	126.4	82.8	81.4	115.1	85.6
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°
3879.1	0°	3879.1	3879.1	3879.1	3879.1	3879.1	3879.1	3879.1	3879.1	3879.1	3879.1
3921.2	2.5°	3907.2	3900.1	3872.1	3834.1	3794.8	3756.9	3744.3	3717.6	3699.4	3689.5
4012.4	5°	3985.8	3963.3	3897.3	3813.1	3724.6	3629.2	3561.8	3500.0	3455.1	3413.0
4137.4	7.5°	4098.1	4058.8	3945.1	3797.6	3640.4	3481.8	3363.8	3274.0	3213.6	3174.3
4283.4	10°	4228.7	4168.3	3994.2	3773.8	3530.9	3303.5	3164.5	3087.3	3049.3	3028.3
4450.5	12.5°	4378.9	4293.2	4044.7	3719.0	3363.8	3104.1	3008.6	2986.2	2987.6	2989.0
4661.1	15°	4564.2	4444.9	4085.5	3599.7	3146.2	2951.1	2934.2	2970.7	3008.6	3026.9
4899.7	17.5°	4773.4	4604.9	4092.5	3403.1	2932.8	2852.8	2906.1	2984.8	3042.3	3067.6
5166.5	20°	4998.0	4767.8	4041.9	3125.2	2757.3	2772.8	2868.2	2969.3	3032.5	3064.8
5471.1	22.5°	5254.9	4941.9	3921.2	2833.1	2614.1	2685.7	2798.0	2896.3	2962.3	2994.6
5829.1	25°	5548.4	5137.0	3731.7	2587.5	2490.6	2587.5	2699.8	2781.2	2834.5	2864.0
6229.3	27.5°	5874.1	5340.6	3479.0	2392.3	2382.5	2486.4	2579.0	2642.2	2670.3	2692.7
6654.7	30°	6201.2	5525.9	3172.9	2244.9	2288.4	2386.7	2452.7	2480.8	2489.2	2493.4
7129.2	32.5°	6555.0	5685.9	2851.4	2122.8	2198.6	2289.8	2329.1	2341.8	2302.5	2275.8
7704.8	35°	6983.2	5857.2	2536.9	2025.9	2110.1	2188.7	2201.4	2190.1	2143.8	2089.1
8426.4	37.5°	7512.5	6070.6	2285.6	1957.1	2027.3	2079.2	2063.8	2061.0	2065.2	2000.6
9294.1	40°	8161.1	6348.6	2101.7	1903.7	1959.9	1971.1	1927.6	1951.5	1972.5	1874.3
10245.9	42.5°	8881.3	6684.1	1985.2	1867.2	1903.7	1877.1	1809.7	1836.3	1833.5	1704.4
11202.0	45°	9615.6	7049.2	1944.5	1840.6	1851.8	1798.4	1724.0	1731.1	1672.1	1555.6
12118.8	47.5°	10345.6	7440.9	1969.7	1818.1	1787.2	1726.8	1669.3	1638.4	1551.3	1464.3
12997.6	50°	11061.6	7852.2	2062.4	1773.2	1698.8	1663.7	1621.5	1566.8	1474.1	1399.7
13828.8	52.5°	11725.7	8266.4	2166.3	1698.8	1587.9	1608.9	1582.2	1519.1	1427.8	1352.0
14615.0	55°	12354.6	8680.5	2207.0	1596.3	1484.0	1561.2	1545.7	1429.2	1319.7	1257.9
15437.7	57.5°	13039.8	9178.9	2162.1	1465.7	1399.7	1506.4	1447.5	1318.3	1255.1	1208.8
16508.9	60°	13988.8	9960.9	2065.2	1304.3	1319.7	1425.0	1323.9	1270.6	1201.8	1149.8
18115.0	62.5°	15565.4	11419.6	1909.4	1144.2	1225.6	1304.3	1264.9	1211.6	1141.4	1090.9
20861.1	65°	17896.0	13446.9	1615.9	1019.3	1120.3	1186.3	1201.8	1148.4	1075.4	1022.1
23267.4	67.5°	19861.5	14718.9	1222.8	915.4	1012.2	1090.9	1134.4	1082.4	1005.2	953.3
23830.4	70°	19753.4	13795.1	933.6	812.9	916.8	996.8	1053.0	1012.2	929.4	880.3
21645.9	72.5°	17545.0	11540.3	755.3	709.0	819.9	898.5	965.9	935.0	850.8	803.1
15857.5	75°	12889.5	8192.0	603.7	603.7	699.2	796.0	870.4	850.8	773.6	739.9
6657.5	77.5°	5433.2	3436.8	473.1	501.2	581.2	683.7	776.4	783.4	716.0	758.1
1760.5	80°	1444.6	947.7	360.8	394.5	456.3	564.4	675.3	672.5	599.5	560.2
654.2	82.5°	550.3	373.4	256.9	278.0	329.9	432.4	534.9	551.7	478.7	414.2
256.9	85°	212.0	160.0	158.6	167.1	192.3	286.4	404.3	418.4	360.8	306.1
71.6	87.5°	54.8	47.7	59.0	56.2	88.4	153.0	231.6	240.1	220.4	127.8
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°
3879.1
3700.8
3429.8
3182.7
3033.9
2991.8
3025.5
3073.2
3073.2
3003.0
2872.5
2701.2
2503.2
2284.2
2091.9
2004.8
1877.1
1703.0
1559.8
1464.3
1394.1
1353.4
1252.3
1204.6
1147.0
1090.9
1024.9
954.7
884.5
803.1
730.0
687.9
520.9
414.2
315.9
182.5
0.0

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