

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: P850115

Luminaire Tested: **GLAN-SB7C-722-U-T2-HSS**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P850115  
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-SB7C-722-U-T2-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(7) 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: 30413 lumens  
Efficiency: N/A  
Efficacy: 86.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B3 - U0 - G4

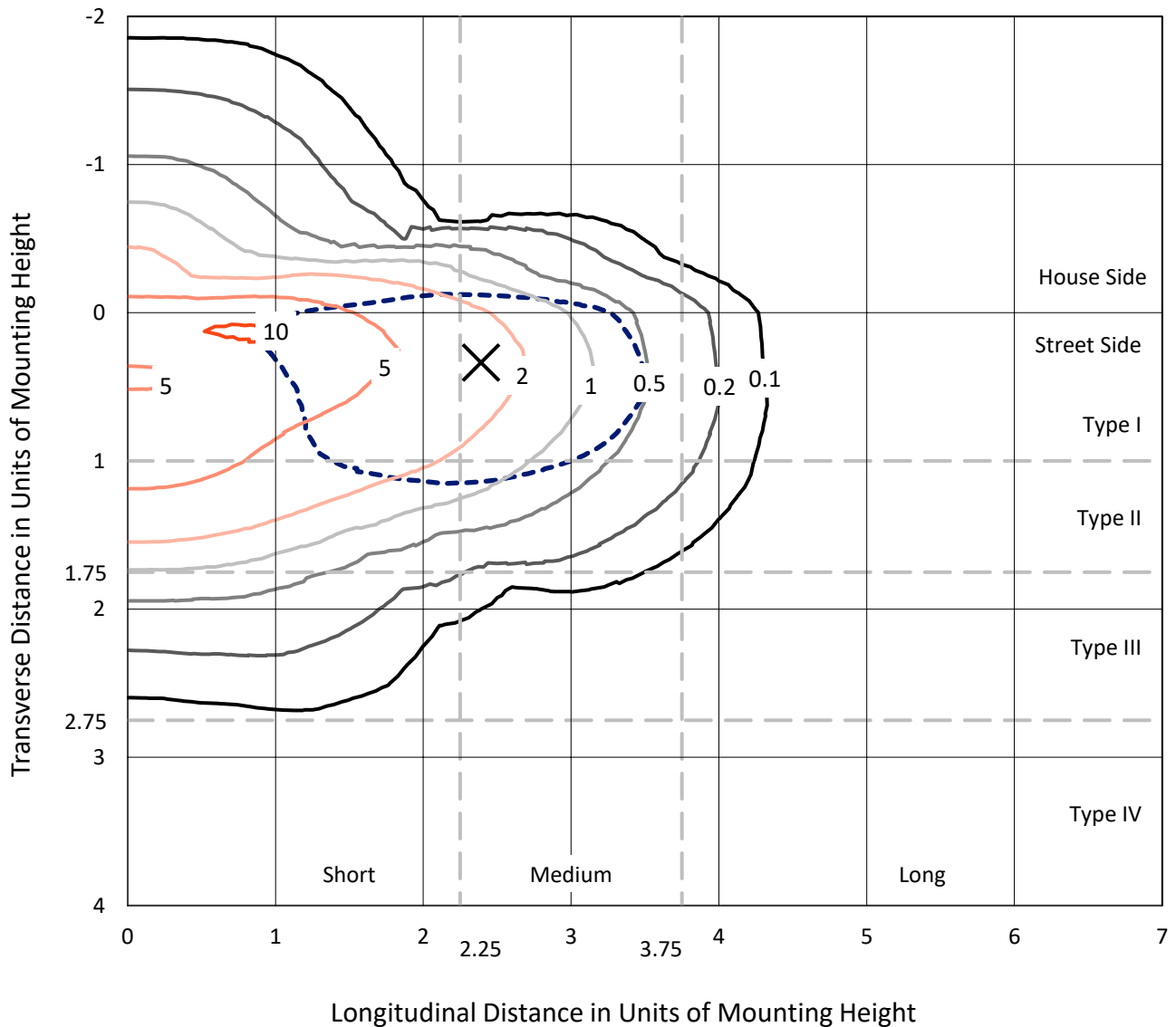
Input Watts (W): 350.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

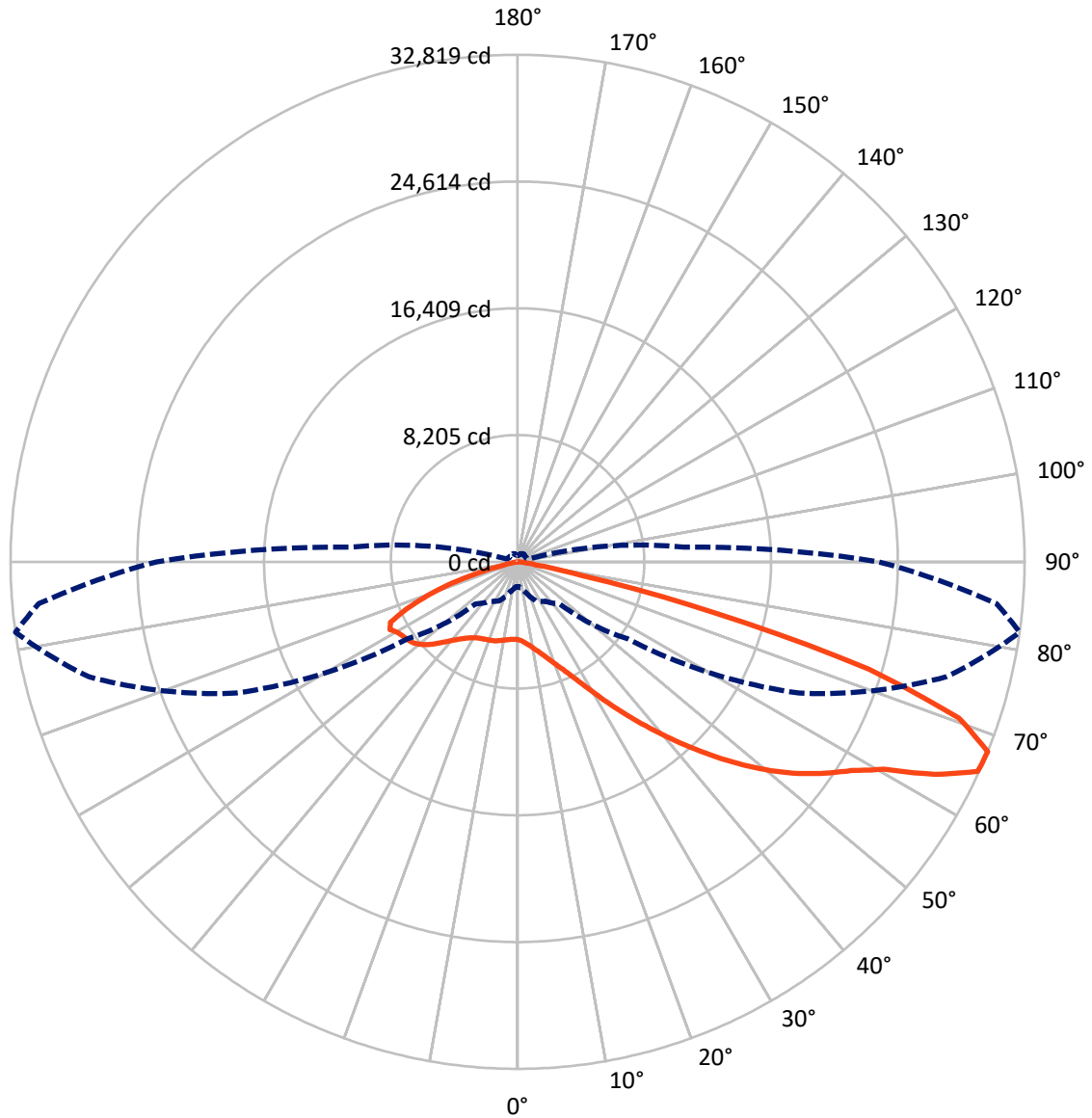
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.7 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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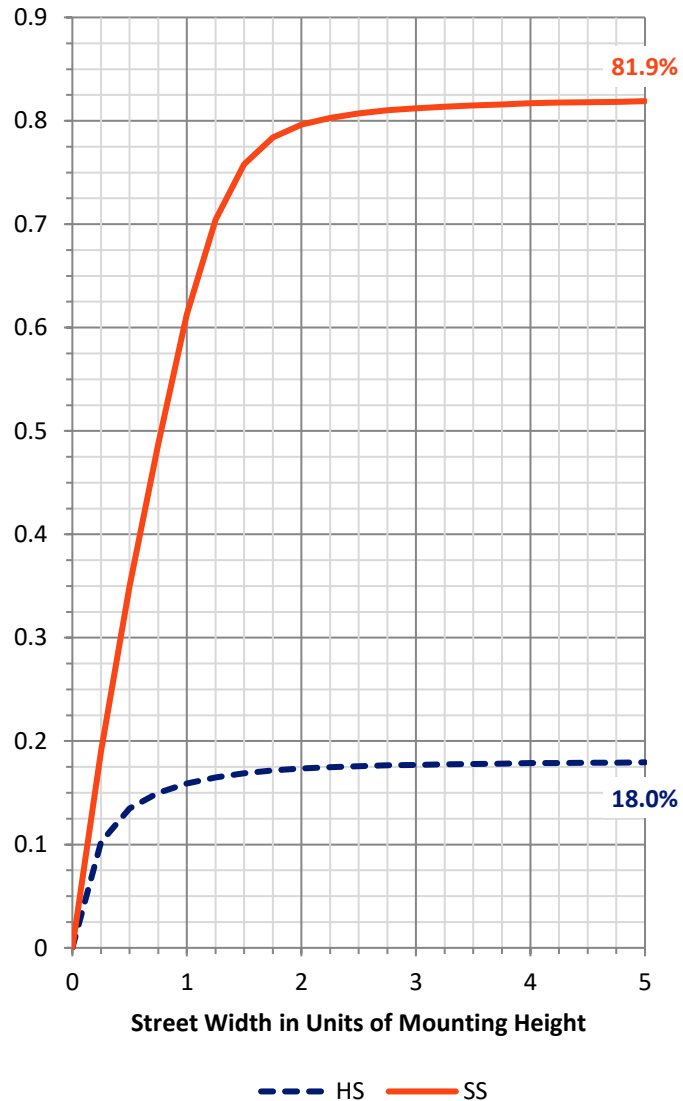
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5509.1	0.0	5509.1
	% Fixture	18.1	0.0	18.1
<b>Street Side</b>	Lumens	24903.9	0.0	24903.9
	% Fixture	81.9	0.0	81.9
<b>Total</b>	Lumens	30413.0	0.0	30413.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	448.9	1.5
10°-20°	1166.5	3.8
20°-30°	1868.3	6.1
30°-40°	3303.7	10.9
40°-50°	5788.5	19.0
50°-60°	7720.2	25.4
60°-70°	7187.1	23.6
70°-80°	2758.4	9.1
80°-90°	171.3	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°	30413.0	100.0
0°-180°	30413.0	100.0

**Coefficient of Utilization**

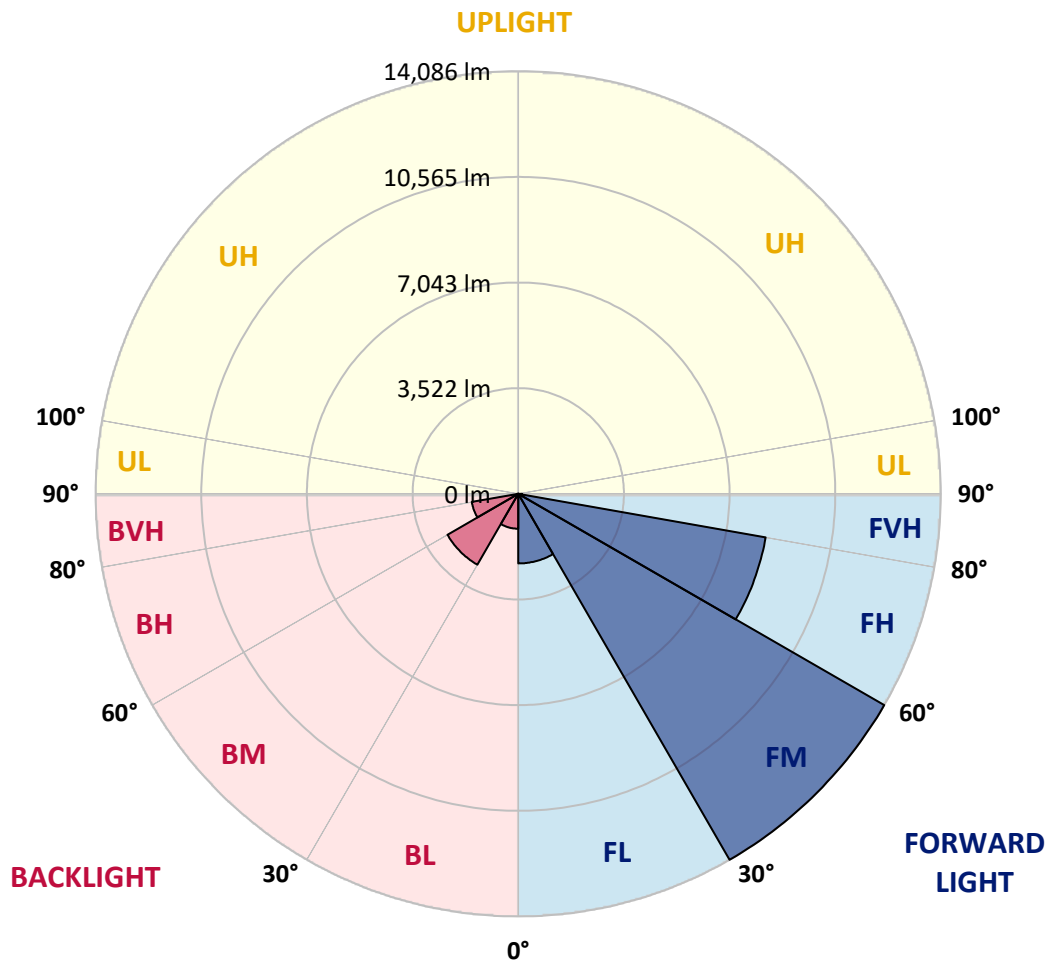


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2320.2	7.6			
FM (30°-60°)	14086.1	46.3			
FH (60°-80°)	8373.2	27.5			G4/12000
FVH (80°-90°)	124.6	0.4			G2/225
BL (0°-30°)	1163.5	3.8	B3/2500		
BM (30°-60°)	2726.4	9.0	B3/5000		
BH (60°-80°)	1572.4	5.2	B3/2500		G3/2500
BVH (80°-90°)	46.8	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-G4**  
 Type II Medium



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	5038.4	5038.4	5038.4	5038.4	5038.4	5038.4	5038.4	5038.4	5038.4	5038.4
2.5°	5325.3	5355.9	5338.4	5329.6	5314.3	5292.4	5274.9	5220.1	5163.2	5126.0
5°	5432.5	5463.2	5461.0	5469.8	5480.7	5487.3	5482.9	5421.6	5340.6	5277.1
7.5°	5340.6	5375.6	5404.1	5447.9	5524.5	5605.5	5644.9	5631.8	5548.6	5461.0
10°	5080.0	5117.2	5185.1	5288.0	5450.1	5625.2	5771.9	5839.8	5787.3	5690.9
12.5°	4602.7	4639.9	4773.5	4996.8	5268.3	5572.7	5853.0	6034.7	6047.8	5951.5
15°	4066.2	4103.4	4245.7	4526.0	4939.9	5428.2	5896.8	6240.5	6356.6	6273.4
17.5°	3733.4	3766.2	3873.5	4099.0	4530.4	5139.1	5881.4	6459.5	6724.4	6658.8
20°	3632.6	3661.1	3711.5	3869.1	4228.2	4839.1	5780.7	6665.3	7120.8	7083.5
22.5°	3739.9	3766.2	3781.5	3851.6	4077.1	4642.1	5653.7	6875.5	7580.6	7585.0
25°	3987.4	4013.6	3996.1	4039.9	4138.5	4580.8	5605.5	7123.0	8158.7	8206.8
27.5°	4394.6	4396.8	4355.2	4353.0	4368.4	4672.7	5655.9	7387.9	8887.8	8977.6
30°	5211.4	5178.5	5018.7	4845.7	4766.9	4948.6	5796.0	7701.0	9748.4	9908.2
32.5°	6470.4	6422.3	6128.9	5715.0	5299.0	5393.1	6047.8	8057.9	10685.5	10974.6
35°	7836.8	7823.7	7517.1	6901.8	6174.8	6025.9	6457.3	8526.5	11708.1	12167.9
37.5°	9106.8	9100.2	8925.0	8200.3	7315.7	6908.4	7114.2	9139.6	12802.9	13468.6
40°	10267.3	10287.0	10111.8	9463.7	8572.5	8040.4	8007.6	9897.3	14020.4	14885.3
42.5°	11270.2	11292.1	11114.7	10635.2	9814.1	9292.9	9104.6	10825.7	15209.4	16407.1
45°	11951.2	12086.9	12060.6	11677.5	11088.4	10547.6	10422.8	11990.6	16564.8	18020.9
47.5°	12143.8	12268.7	12465.7	12518.3	12159.2	11627.1	11776.0	13394.1	17935.5	19636.9
50°	11668.7	11784.7	12194.2	12739.4	12989.1	12824.8	13092.0	14898.4	19339.1	21248.4
52.5°	10731.5	10849.8	11366.5	12229.2	13247.4	13764.2	14412.3	16380.8	20698.8	22774.6
55°	9376.1	9500.9	10164.4	11141.0	12754.8	14151.8	15513.7	17861.0	21944.8	24147.6
57.5°	7532.4	7624.4	8314.1	9680.5	11515.4	13766.4	16326.1	19477.0	23118.4	25496.4
60°	4909.2	4990.2	5791.6	7315.7	9461.5	12478.9	16488.1	21279.1	24677.5	27250.3
62.5°	3264.8	3319.5	3794.7	4913.6	6663.1	10006.7	15540.0	22717.7	26963.5	30302.7
65°	2240.0	2294.8	2769.9	3549.4	4304.9	6619.3	12813.9	22527.2	29034.9	32726.6
67.5°	1598.5	1644.4	2047.3	2783.1	3115.9	3845.0	8686.4	20092.3	28737.1	32818.6
70°	1145.2	1171.5	1504.3	2167.8	2476.5	2310.1	4830.4	15367.0	25161.4	30304.9
72.5°	801.4	810.2	1044.5	1651.0	1994.8	1686.0	2299.1	10245.4	19030.3	23786.3
75°	543.0	554.0	702.9	1210.9	1600.6	1287.5	1217.5	5493.9	11171.6	13166.4
77.5°	332.8	337.2	453.3	827.7	1197.7	981.0	783.9	2327.6	4322.4	4243.6
80°	188.3	188.3	289.0	514.6	816.7	632.8	549.6	989.7	1368.5	1202.1
82.5°	105.1	107.3	210.2	319.7	540.8	374.4	302.2	457.6	591.2	523.3
85°	43.8	48.2	129.2	151.1	258.4	186.1	122.6	192.7	219.0	194.9
87.5°	4.4	6.6	39.4	28.5	30.7	37.2	17.5	37.2	30.7	30.7
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°
5038.4	0°	5038.4	5038.4	5038.4	5038.4	5038.4	5038.4	5038.4	5038.4	5038.4	5038.4
5112.9	2.5°	5071.2	5038.4	4955.2	4858.9	4731.9	4670.5	4587.3	4530.4	4482.2	4486.6
5239.9	5°	5169.8	5086.6	4900.5	4668.4	4379.3	4173.5	3954.5	3803.4	3680.8	3654.5
5415.0	7.5°	5305.5	5174.2	4847.9	4429.7	3941.4	3571.3	3240.7	3028.3	2877.2	2829.0
5627.4	10°	5480.7	5290.2	4780.0	4129.7	3426.8	2956.0	2601.3	2434.9	2332.0	2297.0
5877.0	12.5°	5684.4	5423.8	4690.2	3764.0	2896.9	2443.7	2218.1	2134.9	2102.1	2091.1
6183.6	15°	5940.5	5590.2	4554.5	3330.5	2448.0	2130.5	2034.2	2023.2	2027.6	2023.2
6551.5	17.5°	6244.9	5771.9	4333.3	2883.8	2145.9	1970.7	1935.7	1944.4	1955.4	1953.2
6963.1	20°	6577.7	5951.5	4050.9	2487.5	1940.0	1856.8	1837.1	1845.9	1854.6	1850.3
7438.3	22.5°	6956.5	6144.2	3737.7	2178.7	1802.1	1751.7	1729.8	1732.0	1732.0	1723.3
8040.4	25°	7409.8	6356.6	3409.3	1959.7	1697.0	1657.6	1631.3	1622.5	1609.4	1583.1
8771.8	27.5°	7950.7	6582.1	3094.0	1806.5	1613.8	1576.6	1545.9	1524.0	1491.2	1447.4
9649.8	30°	8559.4	6855.8	2826.8	1710.1	1548.1	1510.9	1475.8	1443.0	1394.8	1340.1
10659.3	32.5°	9275.4	7149.2	2632.0	1646.6	1489.0	1449.6	1408.0	1368.5	1316.0	1261.2
11793.5	35°	10129.4	7504.0	2518.1	1602.8	1443.0	1390.4	1344.5	1300.7	1261.2	1213.1
13026.3	37.5°	11055.6	7880.6	2483.1	1580.9	1412.3	1331.3	1278.8	1248.1	1243.7	1215.3
14359.8	40°	12069.4	8327.3	2509.3	1567.8	1379.5	1274.4	1217.5	1210.9	1221.8	1171.5
15785.3	42.5°	13142.3	8857.2	2553.1	1552.5	1333.5	1217.5	1162.7	1162.7	1154.0	1083.9
17291.7	45°	14302.9	9468.1	2596.9	1515.2	1278.8	1160.5	1118.9	1103.6	1066.4	998.5
18807.0	47.5°	15472.1	10089.9	2629.8	1447.4	1213.1	1112.3	1075.1	1040.1	985.3	924.0
20293.8	50°	16582.3	10648.3	2594.7	1346.6	1138.6	1066.4	1026.9	978.8	919.7	878.1
21701.7	52.5°	17574.2	11132.2	2445.8	1228.4	1059.8	1018.2	983.2	932.8	884.6	840.8
22971.7	55°	18436.9	11524.2	2183.1	1116.7	989.7	976.6	941.6	878.1	812.4	775.1
24230.8	57.5°	19264.6	11822.0	1854.6	1024.8	926.2	930.6	878.1	821.1	759.8	720.4
25927.7	60°	20366.0	12220.5	1521.8	939.4	858.3	871.5	814.6	772.9	696.3	645.9
28837.8	62.5°	22126.5	12840.2	1208.7	834.3	779.5	783.9	759.8	709.4	617.5	558.4
30994.6	65°	23523.5	12612.4	952.5	720.4	689.7	696.3	696.3	641.6	543.0	475.2
31110.7	67.5°	23365.8	10799.4	759.8	608.7	604.3	608.7	624.1	578.1	481.7	427.0
28741.5	70°	21524.3	8590.0	608.7	505.8	525.5	514.6	558.4	527.7	433.6	378.8
22282.0	72.5°	17563.3	6188.0	464.2	418.2	402.9	420.4	503.6	475.2	361.3	300.0
11802.3	75°	10262.9	3302.0	346.0	330.6	291.2	350.3	446.7	405.1	275.9	221.2
3617.3	77.5°	3341.4	1151.8	254.0	243.1	216.8	282.5	381.0	341.6	225.5	175.2
1059.8	80°	895.6	348.2	173.0	159.8	140.1	210.2	302.2	271.5	162.0	113.9
455.4	82.5°	359.1	146.7	100.7	89.8	76.6	144.5	238.7	219.0	120.4	72.3
142.3	85°	116.1	48.2	37.2	28.5	35.0	89.8	142.3	148.9	85.4	37.2
21.9	87.5°	15.3	6.6	6.6	8.8	6.6	15.3	43.8	41.6	24.1	4.4
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°
5038.4
4442.8
3595.4
2780.9
2270.7
2084.6
2021.1
1948.8
1848.1
1718.9
1578.7
1443.0
1335.7
1263.4
1208.7
1213.1
1173.7
1083.9
996.3
921.8
871.5
836.4
770.8
716.0
639.4
554.0
468.6
418.2
372.2
293.4
214.6
168.6
111.7
72.3
28.5
0.0
0.0

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