

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: P942115

Luminaire Tested: **GLAN-SB6A-722-U-T2**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P942115
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6A-722-U-T2
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22265 lumens
Efficiency: N/A
Efficacy: 130.3 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): 170.9
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

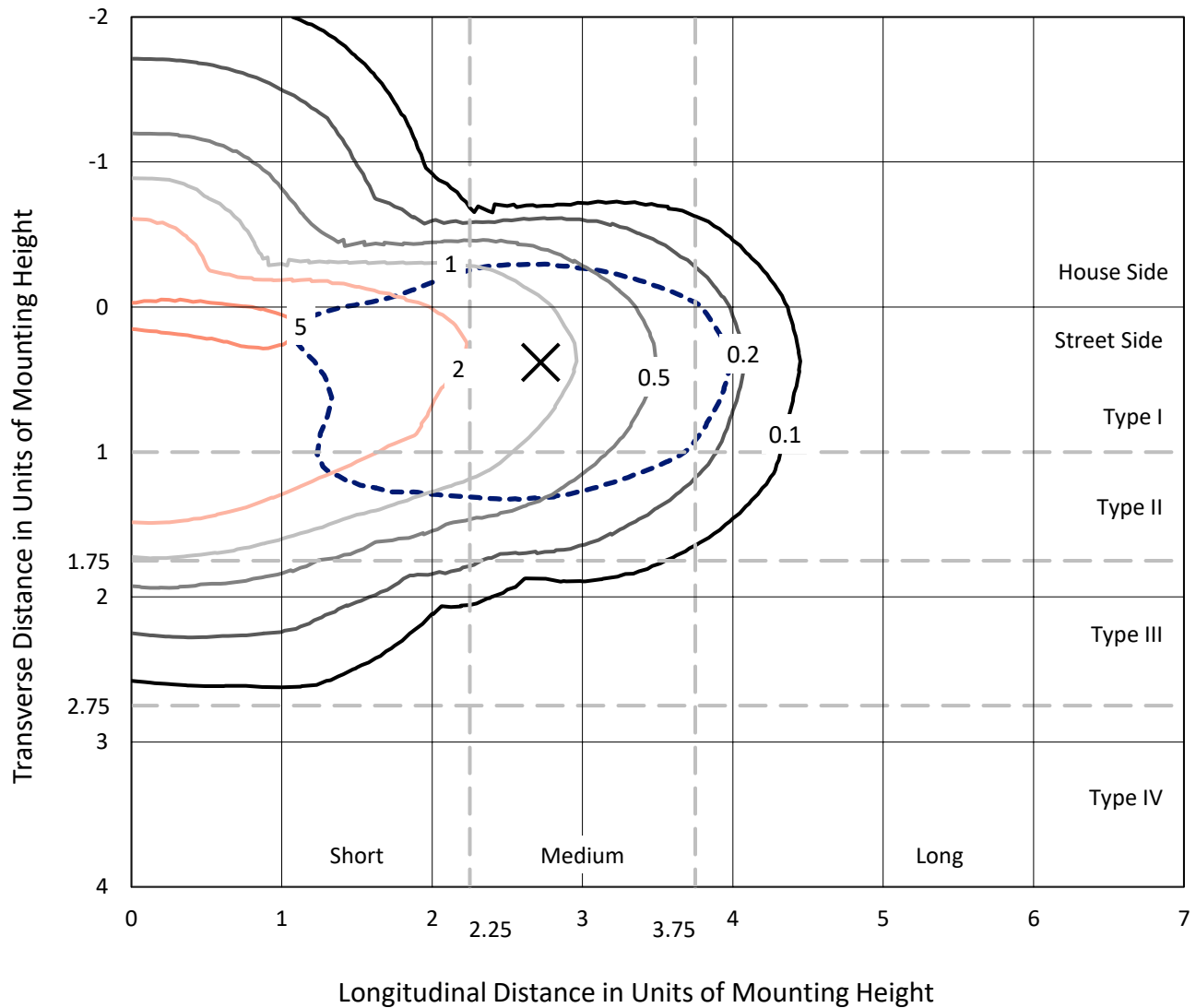


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
- - - 1/2 Max cd

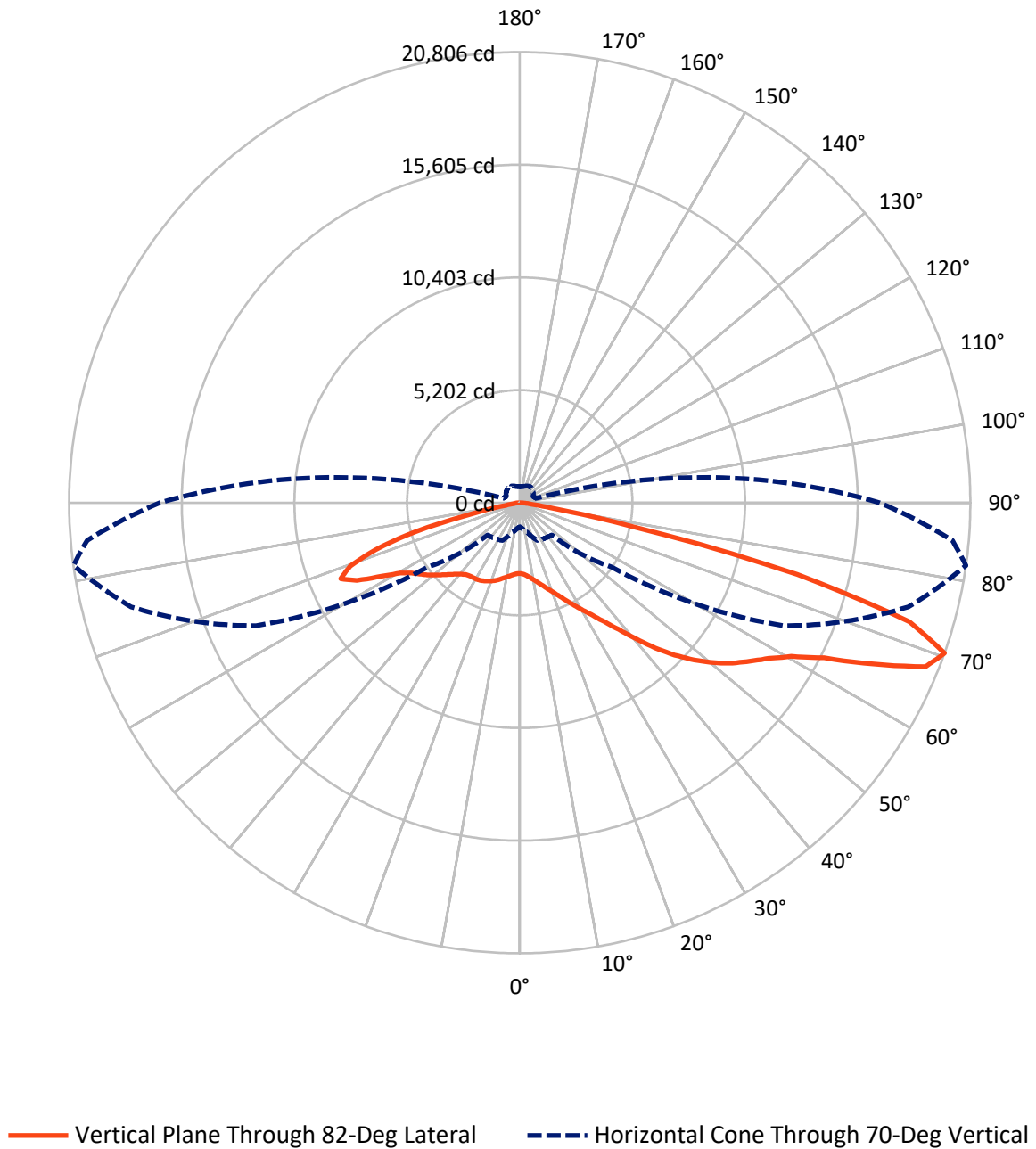


Based on 25 foot mounting height. Maximum calculated value = 5.9 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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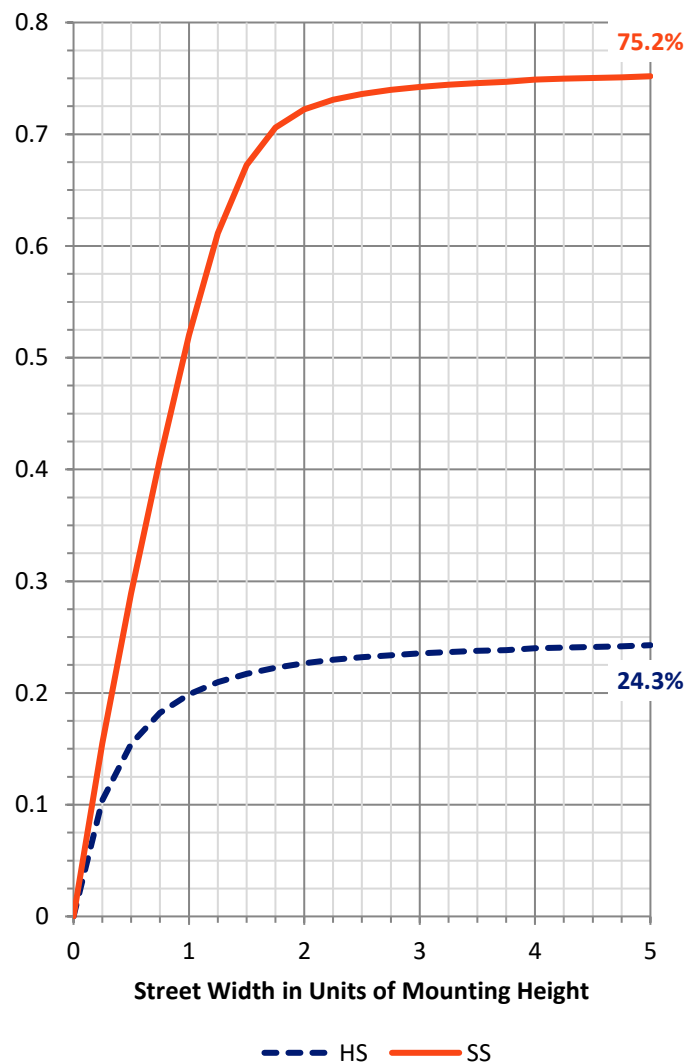
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5488.9	0.0	5488.9
	% Fixture	24.7	0.0	24.7
Street Side	Lumens	16776.1	0.0	16776.1
	% Fixture	75.3	0.0	75.3
Total	Lumens	22265.0	0.0	22265.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	308.2	1.4
10°-20°	885.5	4.0
20°-30°	1481.4	6.7
30°-40°	2314.3	10.4
40°-50°	3685.7	16.6
50°-60°	5129.2	23.0
60°-70°	5365.3	24.1
70°-80°	2804.2	12.6
80°-90°	291.2	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°	22265.0	100.0
0°-180°	22265.0	100.0

Coefficient of Utilization



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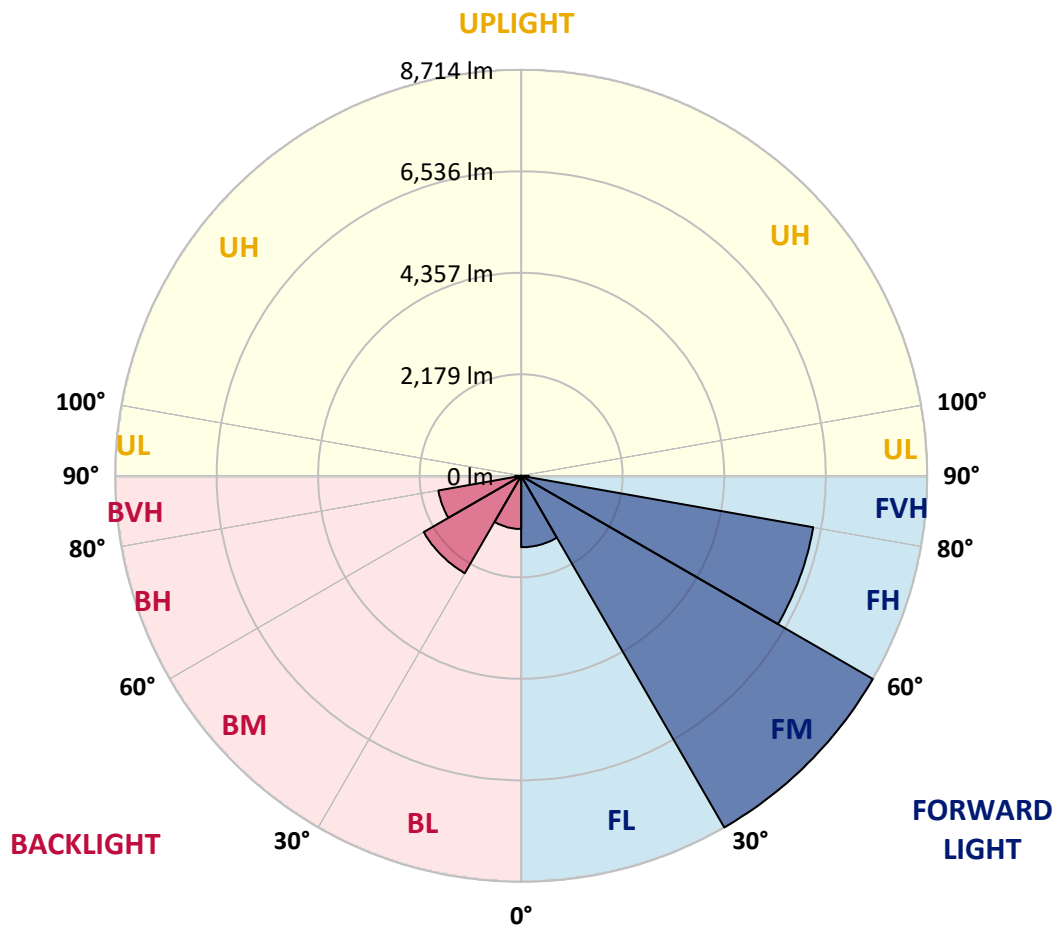
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1533.2	6.9			
FM	(30°-60°)	8714.3	39.1			
FH	(60°-80°)	6365.6	28.6			G3/7500
FVH	(80°-90°)	163.0	0.7			G2/225
BL	(0°-30°)	1141.9	5.1	B3/2500		
BM	(30°-60°)	2414.9	10.8	B2/2500		
BH	(60°-80°)	1803.9	8.1	B3/2500		G3/2500
BVH	(80°-90°)	128.2	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-G3

Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	3264.3	3264.3	3264.3	3264.3	3264.3	3264.3	3264.3	3264.3	3264.3	3264.3
2.5°	3342.3	3361.2	3355.3	3349.4	3349.4	3341.1	3339.9	3328.1	3318.7	3303.3
5°	3384.8	3404.9	3402.6	3407.3	3422.6	3426.2	3429.7	3422.6	3403.7	3384.8
7.5°	3347.0	3369.5	3376.6	3404.9	3452.2	3494.7	3526.6	3539.6	3521.9	3494.7
10°	3219.4	3244.2	3269.1	3336.4	3420.3	3520.7	3605.8	3656.6	3653.0	3627.0
12.5°	2960.7	2986.7	3039.9	3171.0	3324.6	3501.8	3660.1	3766.4	3803.1	3784.2
15°	2753.9	2776.4	2816.6	2951.2	3150.9	3420.3	3680.2	3886.9	3980.3	3969.6
17.5°	2748.0	2757.5	2782.3	2846.1	2999.7	3292.7	3658.9	4005.1	4183.5	4182.3
20°	2852.0	2855.5	2869.7	2882.7	2970.1	3195.8	3604.6	4103.2	4411.5	4411.5
22.5°	2996.1	2993.8	3008.0	2996.1	3038.7	3187.5	3570.3	4189.4	4665.5	4684.4
25°	3212.3	3200.5	3197.0	3169.8	3178.1	3264.3	3608.1	4287.5	4966.8	5005.8
27.5°	3500.6	3481.7	3468.7	3406.1	3384.8	3422.6	3723.9	4405.6	5302.3	5369.7
30°	3876.3	3842.1	3823.2	3714.5	3637.7	3643.6	3898.8	4562.7	5653.2	5761.9
32.5°	4389.1	4335.9	4285.1	4106.7	3966.1	3920.0	4124.4	4780.1	6033.6	6207.3
35°	4963.2	4920.7	4866.4	4591.1	4374.9	4268.6	4429.2	5083.7	6479.0	6754.3
37.5°	5516.2	5479.5	5505.5	5134.6	4855.7	4701.0	4828.6	5491.3	7028.4	7434.8
40°	6088.0	6059.6	6063.2	5708.7	5383.8	5210.2	5312.9	6002.9	7658.1	8244.1
42.5°	6709.4	6688.1	6617.3	6303.0	5937.9	5776.1	5870.6	6593.6	8333.9	9165.6
45°	7405.3	7392.3	7326.1	6965.8	6547.6	6365.6	6493.2	7245.8	9013.2	10032.8
47.5°	8006.6	8017.3	8009.0	7705.4	7271.8	7004.8	7157.2	7926.3	9645.3	10848.0
50°	8296.1	8351.6	8433.1	8338.6	8069.3	7797.5	7827.1	8583.2	10247.8	11612.4
52.5°	8144.9	8250.0	8472.1	8623.4	8727.3	8670.6	8591.5	9235.3	10814.9	12302.4
55°	7581.3	7729.0	8097.6	8462.7	8993.1	9405.5	9509.4	9958.4	11367.8	12909.6
57.5°	6554.6	6794.5	7125.3	7863.7	8756.9	9761.1	10579.8	10961.4	11953.8	13558.2
60°	4794.3	5115.6	5526.8	6625.5	7929.8	9570.9	11490.7	12502.0	12786.8	14398.2
62.5°	3068.2	3266.7	3644.8	4679.7	6178.9	8596.2	11769.5	14427.8	14198.6	15775.8
65°	2100.6	2228.2	2574.4	3155.6	3994.5	6398.7	11022.9	15871.5	16441.0	17959.1
67.5°	1526.4	1623.3	1918.7	2427.9	2602.7	3786.5	8553.6	15805.3	18620.7	20208.6
70°	1112.9	1181.4	1429.5	1918.7	2002.5	2106.5	5181.8	13435.4	18573.5	20806.4
72.5°	824.6	871.9	1038.5	1488.6	1620.9	1422.5	2564.9	9764.6	15960.1	18819.2
75°	596.6	632.1	754.9	1138.9	1297.2	1083.4	1279.5	5706.4	11132.7	13238.1
77.5°	456.0	483.2	563.5	834.1	1038.5	812.8	793.9	2625.2	5278.7	5304.7
80°	366.2	384.0	427.7	587.2	796.3	608.4	517.5	1059.8	1668.2	1411.8
82.5°	269.4	298.9	361.5	412.3	569.5	419.4	315.4	535.2	634.4	545.8
85°	153.6	173.7	218.6	295.4	363.9	256.4	180.8	237.5	295.4	242.2
87.5°	54.3	70.9	76.8	115.8	158.3	106.3	69.7	68.5	96.9	72.1
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°
3264.3	0°	3264.3	3264.3	3264.3	3264.3	3264.3	3264.3	3264.3	3264.3	3264.3	3264.3
3299.8	2.5°	3288.0	3282.0	3258.4	3226.5	3193.4	3161.5	3150.9	3128.5	3113.1	3104.8
3376.6	5°	3354.1	3335.2	3279.7	3208.8	3134.4	3054.0	2997.3	2945.3	2907.5	2872.1
3481.7	7.5°	3448.6	3415.6	3319.9	3195.8	3063.5	2930.0	2830.7	2755.1	2704.3	2671.2
3604.6	10°	3558.5	3507.7	3361.2	3175.7	2971.3	2779.9	2663.0	2598.0	2566.1	2548.4
3745.2	12.5°	3684.9	3612.9	3403.7	3129.6	2830.7	2612.2	2531.8	2512.9	2514.1	2515.3
3922.4	15°	3840.9	3740.4	3438.0	3029.2	2647.6	2483.4	2469.2	2499.9	2531.8	2547.2
4123.2	17.5°	4016.9	3875.1	3443.9	2863.8	2468.0	2400.7	2445.6	2511.7	2560.2	2581.5
4347.7	20°	4205.9	4012.2	3401.4	2629.9	2320.4	2333.4	2413.7	2498.8	2551.9	2579.1
4604.1	22.5°	4422.1	4158.7	3299.8	2384.2	2199.8	2260.1	2354.6	2437.3	2492.8	2520.0
4905.4	25°	4669.1	4322.9	3140.3	2177.4	2095.9	2177.4	2271.9	2340.4	2385.3	2410.1
5242.1	27.5°	4943.2	4494.2	2927.6	2013.2	2004.9	2092.3	2170.3	2223.5	2247.1	2266.0
5600.0	30°	5218.4	4650.2	2670.1	1889.1	1925.8	2008.5	2064.0	2087.6	2094.7	2098.2
5999.4	32.5°	5516.2	4784.8	2399.5	1786.3	1850.1	1926.9	1960.0	1970.6	1937.6	1915.1
6483.8	35°	5876.5	4929.0	2134.9	1704.8	1775.7	1841.9	1852.5	1843.1	1804.1	1758.0
7091.0	37.5°	6321.9	5108.6	1923.4	1646.9	1706.0	1749.7	1736.7	1734.4	1737.9	1683.6
7821.2	40°	6867.7	5342.5	1768.6	1602.0	1649.3	1658.7	1622.1	1642.2	1659.9	1577.2
8622.2	42.5°	7473.8	5624.9	1670.6	1571.3	1602.0	1579.6	1522.9	1545.3	1543.0	1434.3
9426.7	45°	8091.7	5932.0	1636.3	1548.9	1558.3	1513.4	1450.8	1456.7	1407.1	1309.0
10198.2	47.5°	8706.1	6261.6	1657.6	1530.0	1504.0	1453.2	1404.7	1378.7	1305.5	1232.2
10937.8	50°	9308.6	6607.8	1735.5	1492.2	1429.5	1400.0	1364.6	1318.5	1240.5	1177.9
11637.2	52.5°	9867.4	6956.3	1823.0	1429.5	1336.2	1353.9	1331.5	1278.3	1201.5	1137.7
12298.8	55°	10396.7	7304.9	1857.2	1343.3	1248.8	1313.8	1300.8	1202.7	1110.6	1058.6
12991.1	57.5°	10973.2	7724.3	1819.4	1233.4	1177.9	1267.7	1218.1	1109.4	1056.2	1017.2
13892.6	60°	11771.9	8382.3	1737.9	1097.6	1110.6	1199.2	1114.1	1069.2	1011.3	967.6
15244.2	62.5°	13098.7	9609.9	1606.8	962.9	1031.4	1097.6	1064.5	1019.6	960.5	918.0
17555.1	65°	15059.9	11315.9	1359.8	857.7	942.8	998.3	1011.3	966.4	905.0	860.1
19580.1	67.5°	16713.9	12386.2	1029.0	770.3	851.8	918.0	954.6	910.9	845.9	802.2
20053.8	70°	16622.9	11608.9	785.7	684.1	771.5	838.8	886.1	851.8	782.1	740.8
18215.5	72.5°	14764.5	9711.5	635.6	596.6	690.0	756.1	812.8	786.8	716.0	675.8
13344.4	75°	10846.8	6893.7	508.0	508.0	588.4	669.9	732.5	716.0	651.0	622.6
5602.4	77.5°	4572.2	2892.2	398.1	421.8	489.1	575.4	653.3	659.2	602.5	638.0
1481.5	80°	1215.7	797.5	303.6	332.0	384.0	474.9	568.3	565.9	504.5	471.4
550.6	82.5°	463.1	314.3	216.2	233.9	277.6	363.9	450.1	464.3	402.9	348.5
216.2	85°	178.4	134.7	133.5	140.6	161.9	241.0	340.3	352.1	303.6	257.6
60.3	87.5°	46.1	40.2	49.6	47.3	74.4	128.8	194.9	202.0	185.5	107.5
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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180°
3264.3
3114.3
2886.3
2678.3
2553.1
2517.7
2546.0
2586.2
2586.2
2527.1
2417.2
2273.1
2106.5
1922.2
1760.4
1687.1
1579.6
1433.1
1312.6
1232.2
1173.2
1138.9
1053.8
1013.7
965.2
918.0
862.5
803.4
744.3
675.8
614.4
578.9
438.3
348.5
265.8
153.6
0.0

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