

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: P946980

Luminaire Tested: **GLAN-SB2C-722-U-SL3**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P946980
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB2C-722-U-SL3
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III
SPILL LIGHT ELIMINATOR OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12092 lumens
Efficiency: N/A
Efficacy: 119.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G3

Input Watts (W): 100.9
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

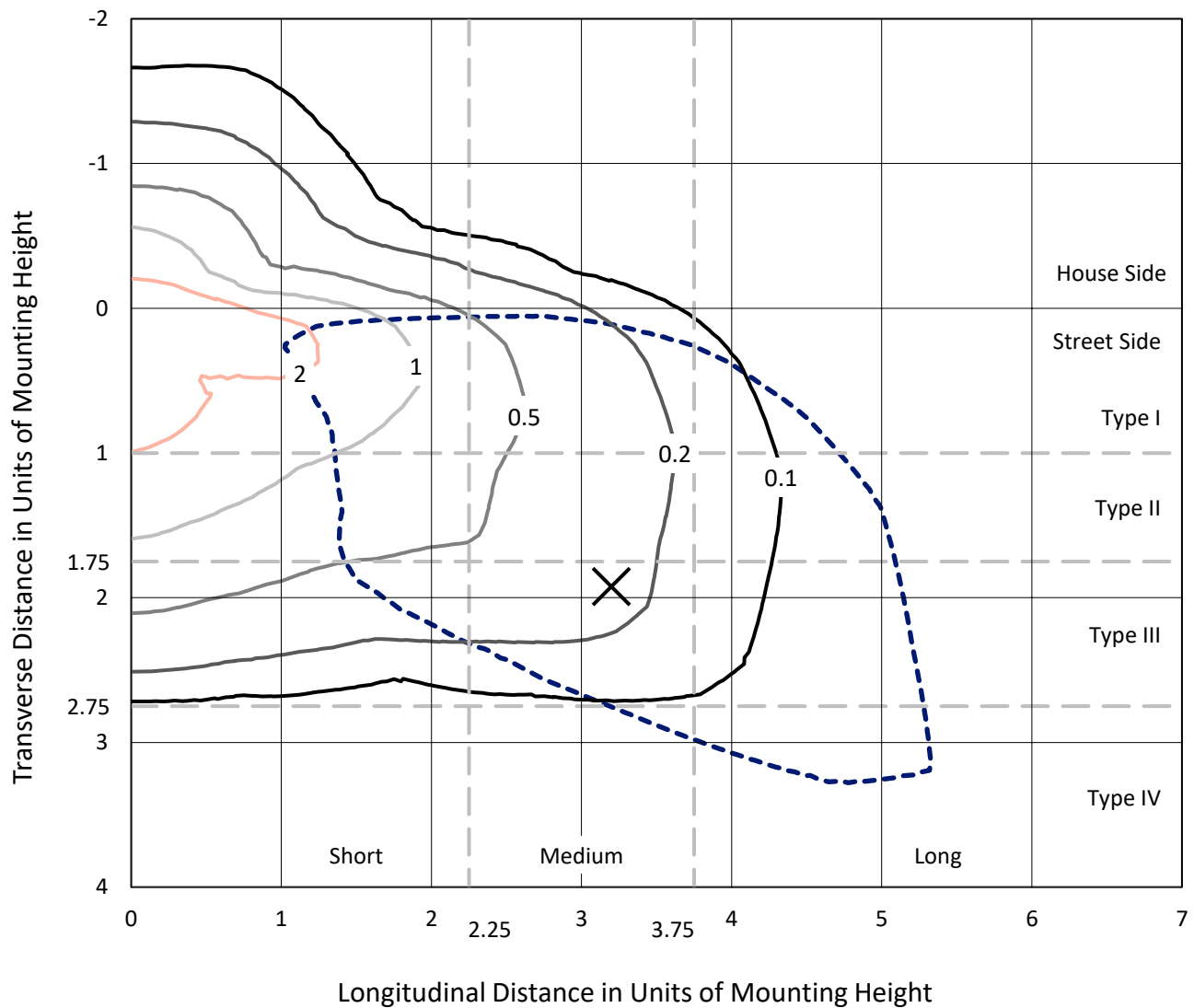


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Iso-Footcandle Lines of Horizontal Illumination

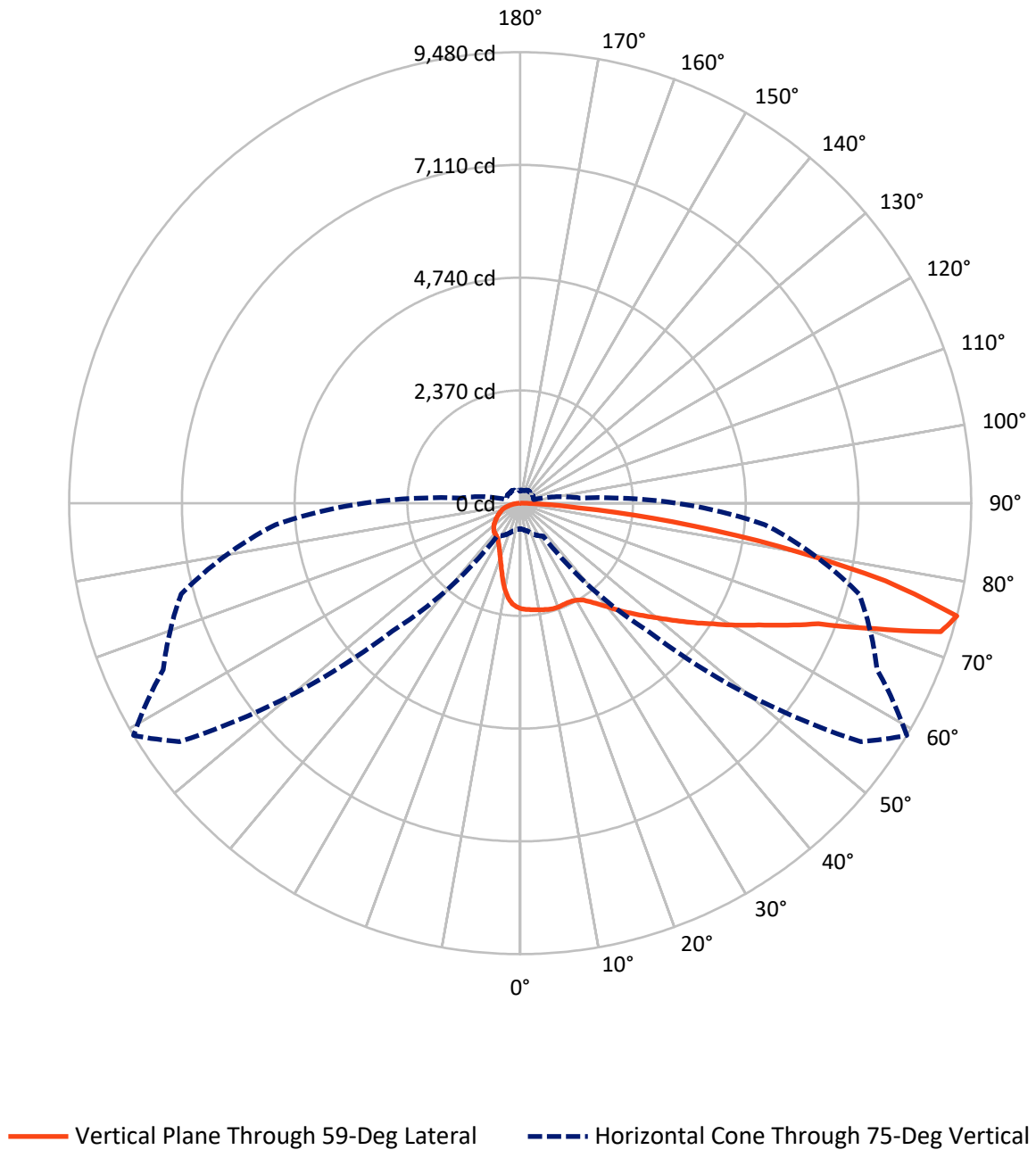
× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.6 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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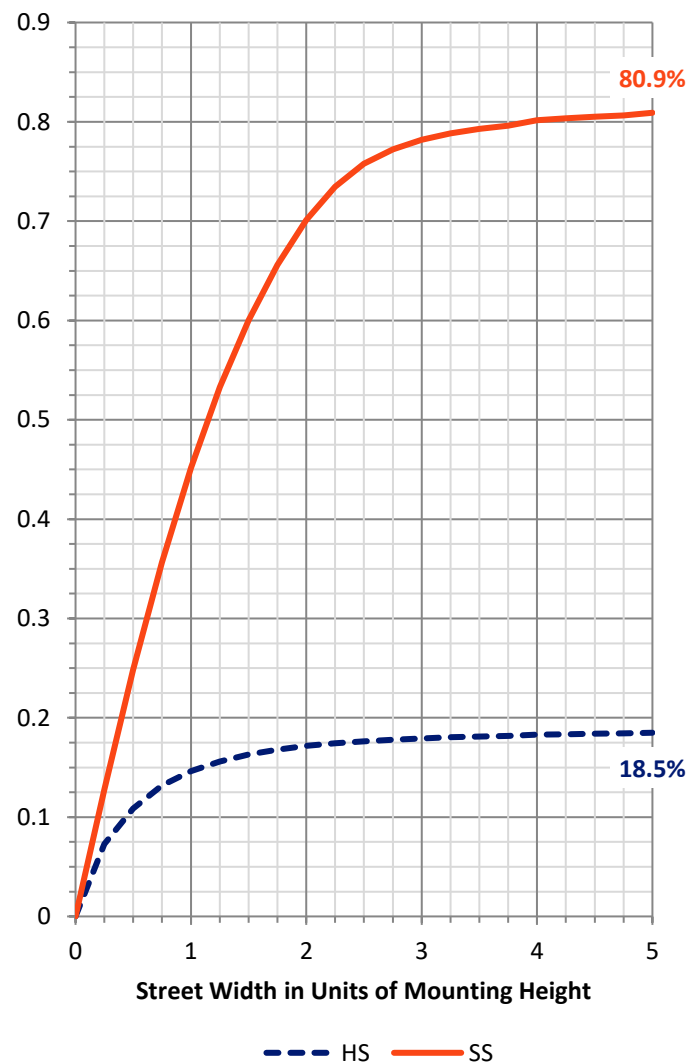
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2267.9	0.0	2267.9
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	9824.1	0.0	9824.1
	% Fixture	81.2	0.0	81.2
Total	Lumens	12092.0	0.0	12092.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	199.0	1.6
10°-20°	508.7	4.2
20°-30°	772.7	6.4
30°-40°	1148.5	9.5
40°-50°	1708.1	14.1
50°-60°	2318.5	19.2
60°-70°	2830.5	23.4
70°-80°	2221.3	18.4
80°-90°	384.8	3.2
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°	12092.0	100.0
0°-180°	12092.0	100.0

Coefficient of Utilization



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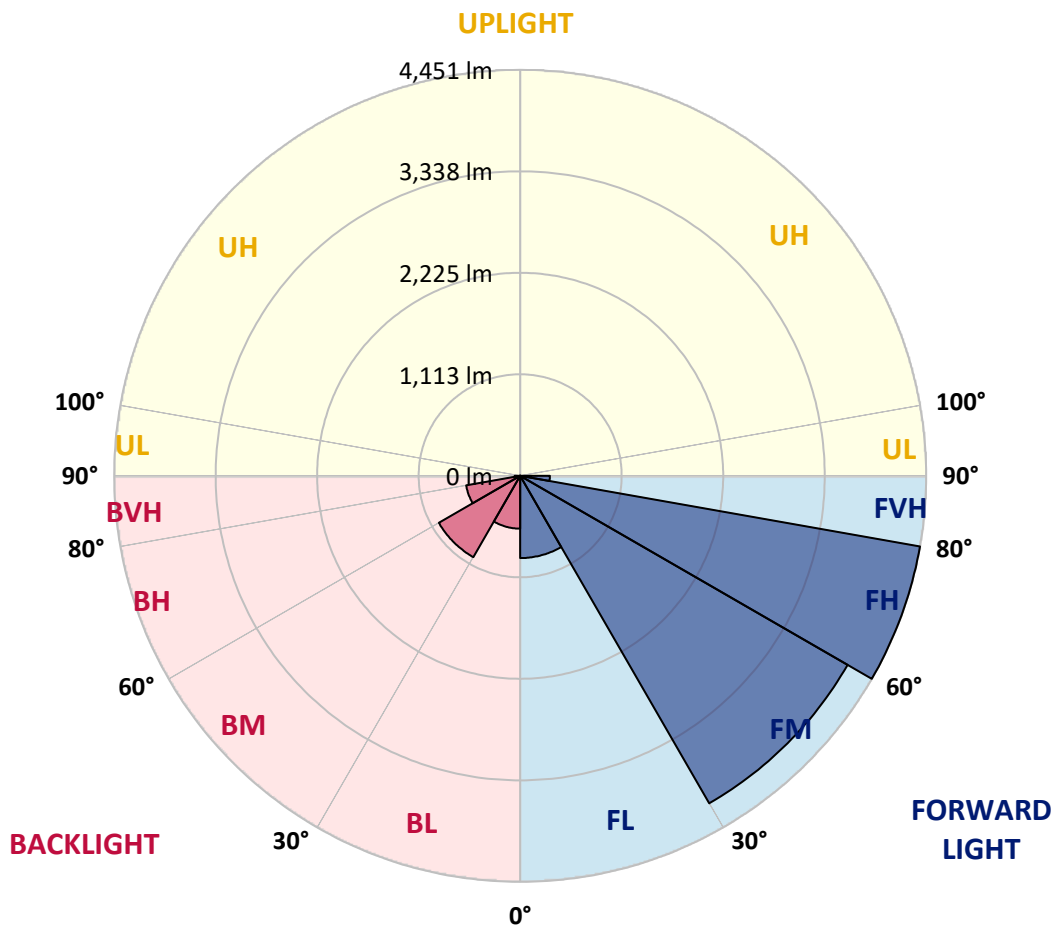
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	901.6	7.5			
FM	(30°-60°)	4145.6	34.3			
FH	(60°-80°)	4450.9	36.8			G2/5000
FVH	(80°-90°)	325.9	2.7			G3/500
BL	(0°-30°)	578.8	4.8	B2/1000		
BM	(30°-60°)	1029.4	8.5	B2/2500		
BH	(60°-80°)	600.9	5.0	B2/1000		G2/1000
BVH	(80°-90°)	58.9	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°
0°	2219.5	2219.5	2219.5	2219.5	2219.5	2219.5	2219.5	2219.5	2219.5	2219.5
2.5°	2238.3	2230.5	2238.3	2235.1	2233.8	2231.2	2231.8	2236.4	2233.8	2237.0
5°	2223.4	2218.8	2226.6	2224.7	2233.1	2234.4	2242.9	2248.1	2251.3	2252.0
7.5°	2198.6	2194.1	2205.1	2214.3	2232.5	2237.7	2255.2	2263.7	2268.2	2276.1
10°	2108.2	2106.3	2133.6	2168.1	2211.0	2237.7	2264.3	2278.7	2285.8	2306.6
12.5°	1948.2	1950.8	1986.6	2052.9	2138.8	2224.7	2274.8	2295.6	2306.6	2332.6
15°	1795.3	1794.7	1833.7	1904.6	2025.0	2167.4	2280.0	2315.7	2334.6	2373.0
17.5°	1706.9	1704.3	1731.6	1785.6	1897.5	2079.6	2266.9	2326.8	2367.1	2415.3
20°	1690.6	1685.4	1699.7	1726.4	1805.8	1983.3	2233.1	2326.8	2393.1	2455.6
22.5°	1749.8	1741.4	1735.5	1732.2	1767.4	1904.0	2194.7	2319.0	2431.5	2513.5
25°	1868.8	1855.8	1825.9	1796.6	1786.2	1868.2	2160.9	2317.0	2488.8	2591.5
27.5°	2061.4	2045.1	1984.6	1914.4	1851.3	1886.4	2146.0	2328.7	2551.9	2674.1
30°	2300.1	2282.6	2206.4	2098.5	1985.3	1954.1	2164.8	2363.2	2632.5	2784.1
32.5°	2514.1	2494.6	2429.6	2319.6	2166.8	2071.1	2224.7	2428.9	2759.4	2936.9
35°	2704.1	2681.3	2622.8	2521.3	2389.2	2235.7	2332.6	2545.4	2939.5	3185.4
37.5°	2890.1	2863.4	2799.7	2692.4	2600.0	2454.9	2481.6	2695.0	3178.9	3487.3
40°	3098.3	3059.9	2982.5	2876.5	2786.7	2711.9	2677.4	2878.4	3422.2	3824.2
42.5°	3299.9	3263.5	3171.1	3080.7	2968.2	2946.7	2904.4	3093.1	3688.3	4194.3
45°	3517.2	3473.6	3361.7	3247.2	3176.3	3102.8	3124.3	3307.7	3949.1	4571.6
47.5°	3720.8	3672.0	3539.9	3412.5	3373.4	3234.2	3325.9	3543.8	4220.4	4954.1
50°	3830.7	3782.6	3672.6	3557.5	3526.9	3396.2	3544.5	3803.4	4504.6	5335.3
52.5°	3922.4	3870.4	3726.6	3662.9	3653.8	3572.5	3813.8	4100.0	4788.9	5672.2
55°	4020.0	3962.1	3778.7	3721.4	3763.1	3770.2	4133.2	4436.3	5089.4	6000.7
57.5°	4132.5	4059.0	3828.8	3770.9	3869.7	4001.8	4500.1	4785.0	5384.7	6305.2
60°	4238.6	4164.4	3925.0	3849.6	3984.9	4270.4	4920.9	5207.1	5719.1	6576.4
62.5°	4259.4	4198.2	4001.8	4001.1	4141.0	4584.0	5419.2	5633.2	6011.1	6844.4
65°	3899.0	3860.6	3744.2	3995.3	4364.8	5035.4	5974.1	6178.3	6382.6	7078.6
67.5°	2967.5	2972.7	2964.3	3448.9	4183.9	5684.0	6777.4	6761.8	6841.2	7341.4
70°	1356.9	1387.5	1586.5	2380.8	3352.0	5758.8	8105.7	7903.4	7416.8	7681.6
72.5°	733.1	756.5	837.8	1153.3	2015.2	5120.0	9098.4	9242.1	8182.5	7910.6
75°	538.0	551.0	607.6	733.1	846.3	3805.3	8742.5	9480.2	8278.1	7376.5
77.5°	402.7	408.5	454.7	580.9	433.2	2006.1	6985.6	7851.4	7086.4	6060.6
80°	292.1	298.6	333.0	435.8	303.8	733.7	4796.7	5510.9	4853.3	3863.2
82.5°	201.7	204.3	219.2	296.6	212.1	284.9	2721.6	3231.6	2709.3	1355.6
85°	121.6	124.9	131.4	173.0	120.3	135.3	1174.8	1215.1	809.9	323.9
87.5°	50.1	53.3	58.5	72.9	47.5	37.7	193.8	243.3	151.6	95.0
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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CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
2219.5	0°	2219.5	2219.5	2219.5	2219.5	2219.5	2219.5	2219.5	2219.5	2219.5	2219.5
2226.0	2.5°	2222.7	2218.2	2205.8	2188.9	2173.3	2153.8	2145.3	2138.1	2131.6	2119.3
2243.5	5°	2236.4	2224.0	2190.8	2147.9	2099.1	2045.8	1993.7	1958.0	1927.4	1904.6
2263.7	7.5°	2257.2	2233.8	2173.3	2085.5	1973.6	1859.1	1755.7	1682.2	1626.9	1606.7
2292.3	10°	2278.7	2250.7	2145.3	1990.5	1797.3	1621.0	1483.8	1408.3	1364.1	1349.8
2326.1	12.5°	2304.0	2263.0	2101.7	1858.4	1600.2	1407.0	1287.3	1243.1	1220.3	1212.5
2367.8	15°	2341.1	2273.5	2036.0	1693.2	1412.2	1250.9	1173.5	1142.9	1131.2	1130.5
2410.7	17.5°	2369.1	2275.4	1933.9	1516.3	1267.8	1156.6	1092.8	1081.1	1088.9	1100.6
2453.0	20°	2400.3	2257.8	1799.9	1355.0	1166.3	1074.0	1047.3	1055.1	1074.0	1090.9
2508.9	22.5°	2422.4	2226.0	1637.9	1229.4	1078.5	1026.5	1025.2	1041.4	1051.8	1060.3
2574.6	25°	2441.9	2172.0	1466.2	1124.0	1006.3	997.8	1012.2	1007.0	999.8	1007.0
2640.3	27.5°	2456.2	2086.8	1312.7	1031.7	955.6	978.3	969.9	958.2	957.5	961.4
2717.7	30°	2451.7	1972.9	1186.5	943.9	919.8	941.9	921.7	919.8	917.8	919.8
2834.2	32.5°	2451.7	1843.5	1089.6	883.4	897.0	888.6	886.6	882.1	874.3	873.6
2992.2	35°	2465.3	1714.0	1006.3	850.8	878.2	858.0	859.3	848.2	832.0	824.2
3201.7	37.5°	2493.3	1610.0	923.7	835.2	845.0	844.3	839.1	820.3	791.6	766.9
3463.2	40°	2561.0	1579.4	867.1	828.1	829.4	837.2	823.5	787.1	722.0	681.7
3728.6	42.5°	2667.0	1630.8	854.7	810.5	819.0	826.8	800.1	715.5	669.4	645.3
4007.0	45°	2801.6	1720.5	881.4	785.1	794.2	807.9	728.5	688.2	667.4	668.0
4282.8	47.5°	2972.1	1814.9	930.8	763.0	758.5	766.3	681.1	656.3	627.7	634.9
4547.6	50°	3169.2	1910.5	977.7	733.1	718.8	693.4	650.5	627.1	590.6	573.7
4803.2	52.5°	3382.5	2002.8	996.5	696.7	675.9	646.6	629.7	601.0	556.8	528.8
5044.5	55°	3584.8	2086.8	975.7	653.1	632.9	610.2	607.6	590.0	542.5	503.5
5259.2	57.5°	3776.1	2157.0	923.7	608.9	589.3	575.7	593.2	584.8	524.9	474.9
5462.1	60°	3938.0	2205.1	848.2	564.0	550.3	543.2	569.8	567.2	500.2	444.3
5644.3	62.5°	4066.8	2224.0	765.0	521.0	517.8	504.8	537.3	537.3	469.0	414.4
5804.3	65°	4167.7	2205.8	680.4	478.8	485.3	465.7	497.6	493.7	435.8	387.7
5988.4	67.5°	4256.8	2146.0	586.7	437.1	452.1	427.4	456.0	446.9	399.4	361.0
6147.7	70°	4296.5	2006.8	480.1	395.5	413.7	389.6	414.4	397.4	358.4	332.4
5972.8	72.5°	3977.7	1667.8	377.9	351.9	367.5	348.0	369.5	350.0	314.2	302.5
5157.7	75°	3290.8	1251.5	290.8	304.4	316.1	301.2	315.5	301.2	268.7	277.1
3809.9	77.5°	2389.9	845.0	222.5	254.3	259.5	251.7	264.1	247.8	218.6	216.6
1898.8	80°	1188.4	495.0	174.3	201.0	199.0	193.8	208.2	200.3	175.6	186.0
512.6	82.5°	344.1	212.1	126.8	141.2	137.3	138.6	149.0	152.9	229.0	227.0
159.4	85°	108.0	83.3	76.1	78.7	74.8	76.8	87.8	174.3	161.3	94.3
49.4	87.5°	28.0	28.6	18.9	20.2	20.8	24.7	28.0	106.0	50.7	33.2
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°
2219.5
2113.4
1885.8
1571.6
1327.6
1214.5
1133.1
1105.2
1096.7
1064.8
1011.5
967.9
926.9
882.1
832.0
775.4
686.9
645.3
671.3
653.1
578.3
528.2
503.5
472.3
442.3
412.4
385.1
358.4
327.2
292.7
253.0
206.9
184.1
232.2
102.1
35.1
0.0

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