

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: P847395

Luminaire Tested: **GLAN-SB3C-722-U-T2-HSS**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847395
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-SB3C-722-U-T2-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 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: 12831 lumens
Efficiency: N/A
Efficacy: 86.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

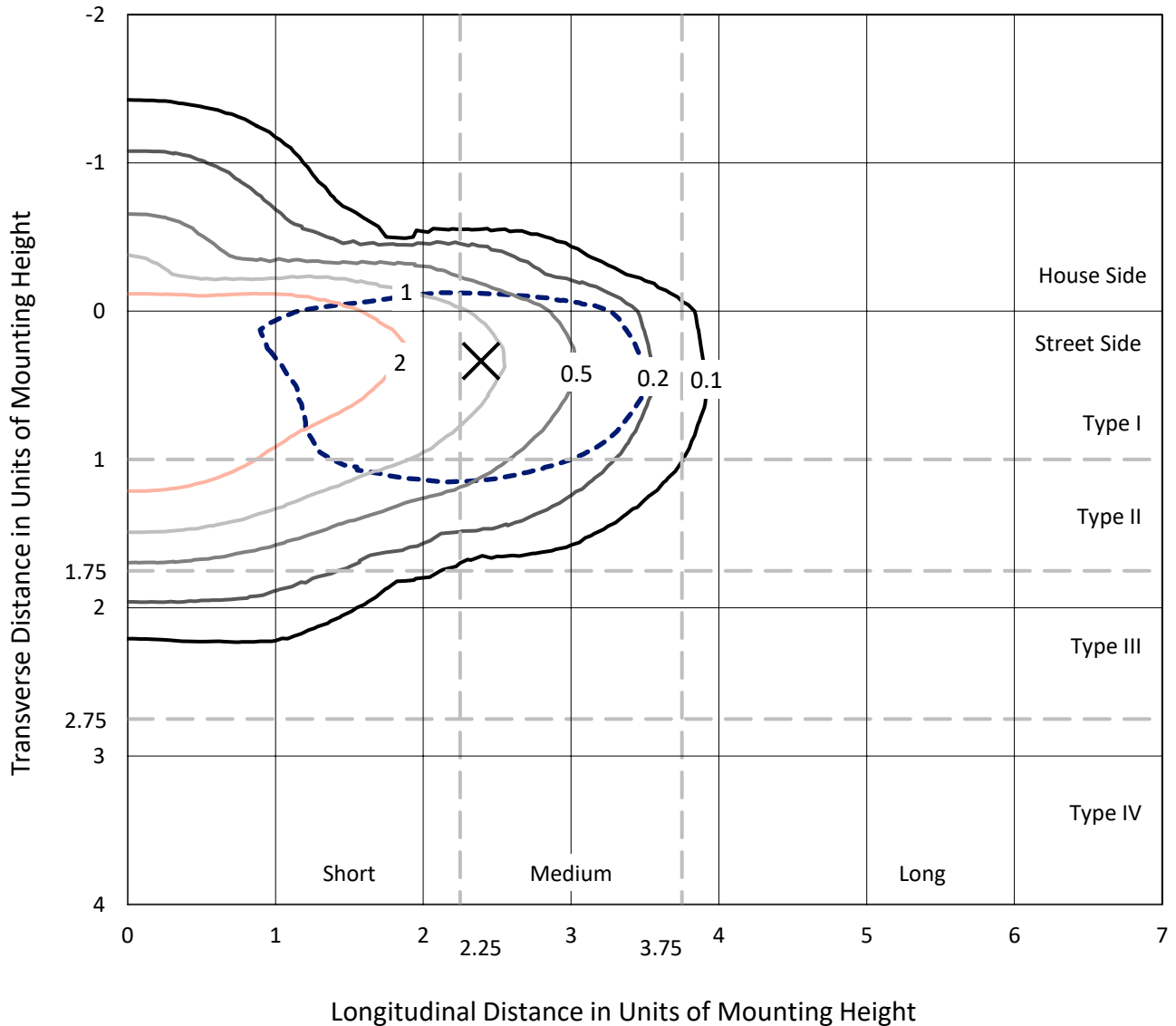
Input Watts (W): 149.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P847395
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Iso-Footcandle Lines of Horizontal Illumination

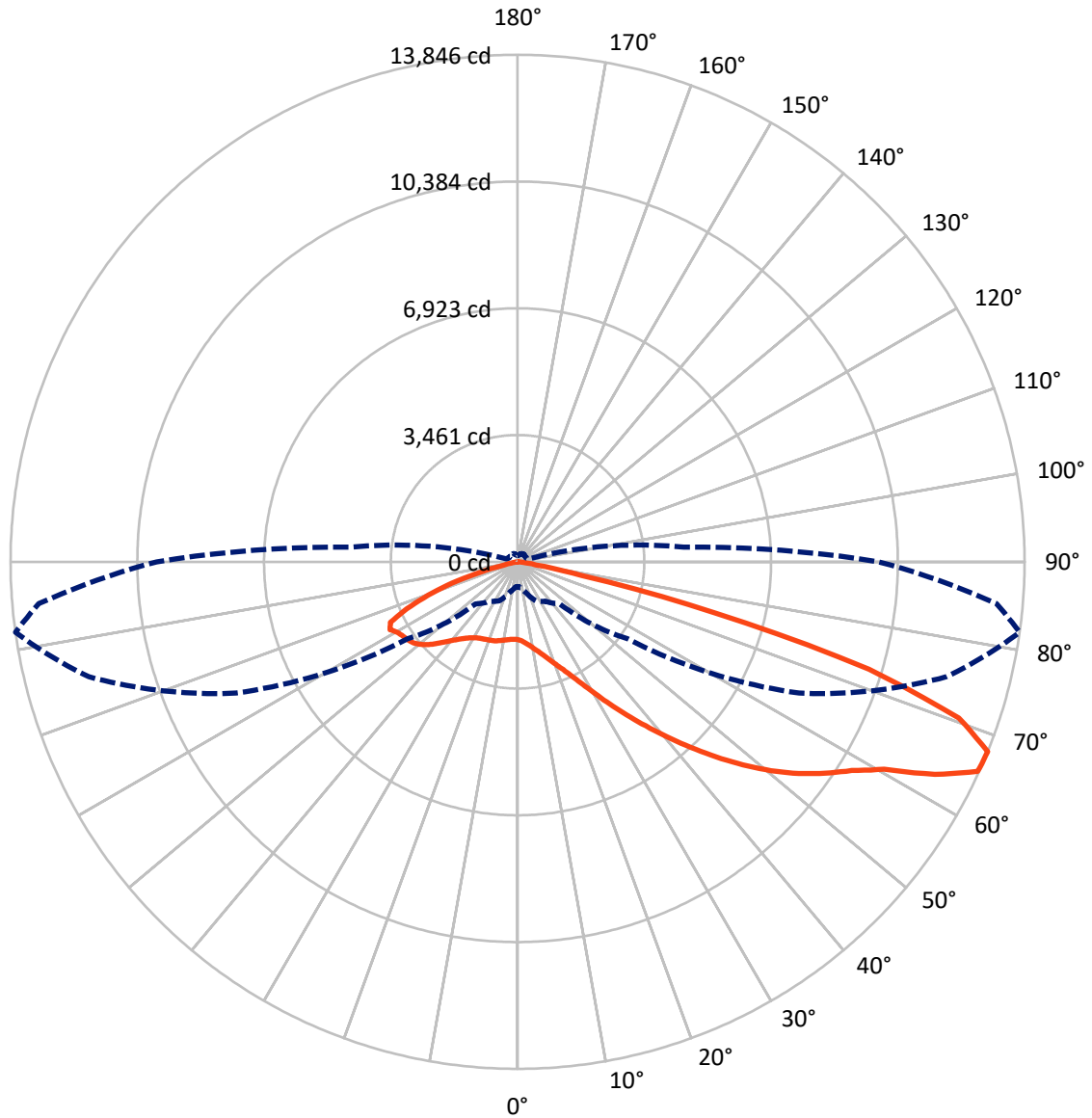
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.5 fc
 Type II - Medium - N/A

REPORT NUMBER: P847395
CATALOG NUMBER: GLAN-SB3C-722-U-T2-HSS

Luminous Intensity Polar Plot



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

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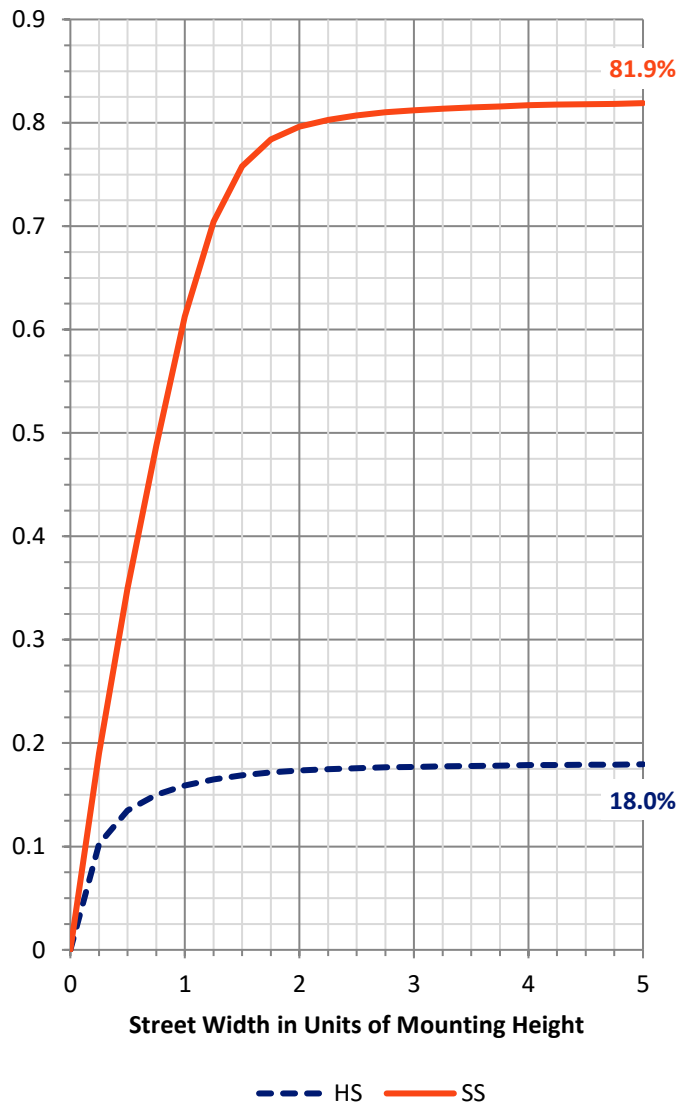
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2324.2	0.0	2324.2
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	10506.8	0.0	10506.8
	% Fixture	81.9	0.0	81.9
Total	Lumens	12831.0	0.0	12831.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	189.4	1.5
10°-20°	492.1	3.8
20°-30°	788.2	6.1
30°-40°	1393.8	10.9
40°-50°	2442.1	19.0
50°-60°	3257.1	25.4
60°-70°	3032.2	23.6
70°-80°	1163.8	9.1
80°-90°	72.3	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°	12831.0	100.0
0°-180°	12831.0	100.0

Coefficient of Utilization

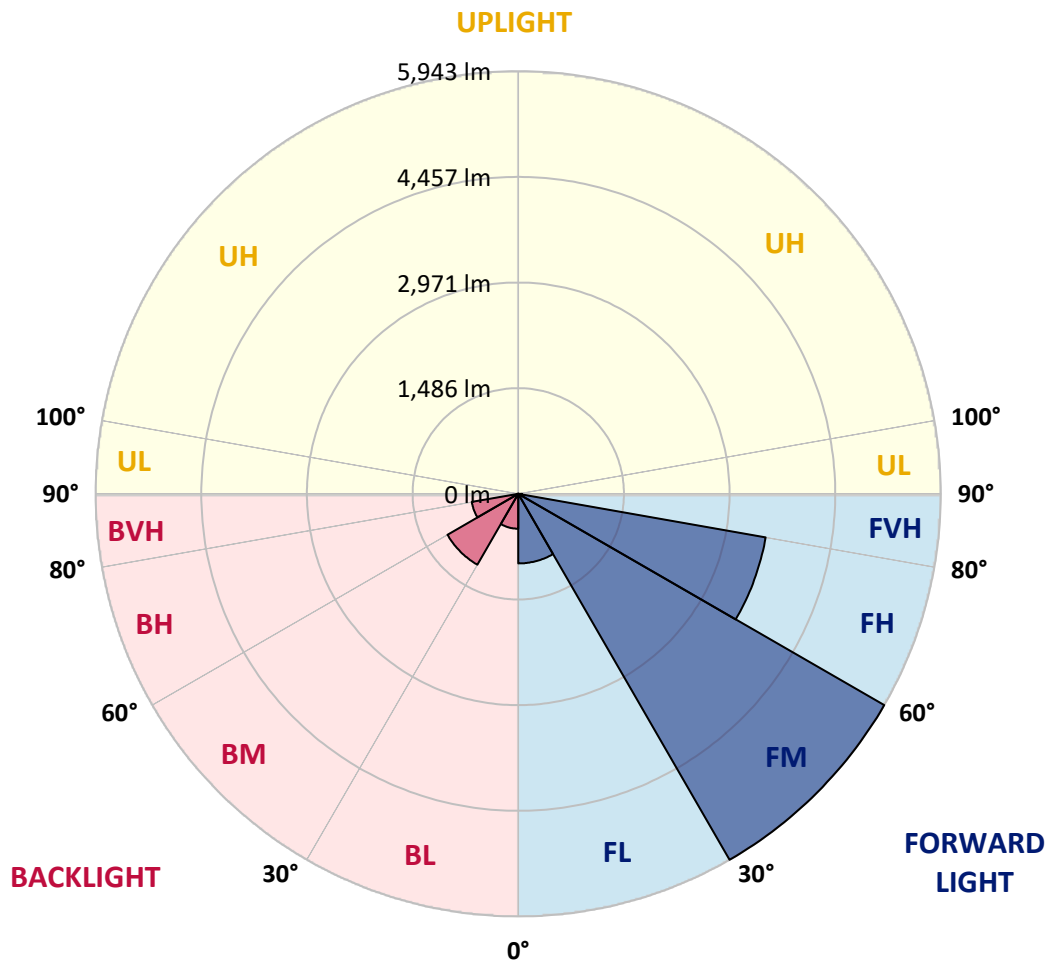


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	978.9	7.6			
FM (30°-60°)	5942.8	46.3			
FH (60°-80°)	3532.6	27.5			G2/5000
FVH (80°-90°)	52.5	0.4			G1/100
BL (0°-30°)	490.9	3.8	B1/500		
BM (30°-60°)	1150.2	9.0	B2/2500		
BH (60°-80°)	663.4	5.2	B2/1000		G2/1000
BVH (80°-90°)	19.7	0.2			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
 Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	2125.7	2125.7	2125.7	2125.7	2125.7	2125.7	2125.7	2125.7	2125.7	2125.7
2.5°	2246.7	2259.6	2252.2	2248.5	2242.1	2232.8	2225.4	2202.3	2178.3	2162.6
5°	2291.9	2304.9	2304.0	2307.7	2312.3	2315.0	2313.2	2287.3	2253.1	2226.4
7.5°	2253.1	2267.9	2279.9	2298.4	2330.7	2364.9	2381.6	2376.0	2340.9	2304.0
10°	2143.2	2158.9	2187.6	2231.0	2299.3	2373.2	2435.1	2463.8	2441.6	2401.0
12.5°	1941.8	1957.5	2013.9	2108.1	2222.7	2351.1	2469.3	2546.0	2551.5	2510.9
15°	1715.5	1731.2	1791.2	1909.5	2084.1	2290.1	2487.8	2632.8	2681.8	2646.7
17.5°	1575.1	1588.9	1634.2	1729.4	1911.3	2168.2	2481.3	2725.2	2837.0	2809.3
20°	1532.6	1544.6	1565.8	1632.4	1783.9	2041.6	2438.8	2812.0	3004.2	2988.5
22.5°	1577.8	1588.9	1595.4	1625.0	1720.1	1958.5	2385.3	2900.7	3198.2	3200.0
25°	1682.2	1693.3	1685.9	1704.4	1746.0	1932.6	2364.9	3005.1	3442.1	3462.4
27.5°	1854.1	1855.0	1837.4	1836.5	1843.0	1971.4	2386.2	3116.9	3749.7	3787.6
30°	2198.6	2184.8	2117.3	2044.4	2011.1	2087.8	2445.3	3249.0	4112.8	4180.2
32.5°	2729.8	2709.5	2585.7	2411.1	2235.6	2275.3	2551.5	3399.6	4508.1	4630.1
35°	3306.3	3300.7	3171.4	2911.8	2605.1	2542.3	2724.3	3597.3	4939.6	5133.6
37.5°	3842.1	3839.3	3765.4	3459.6	3086.4	2914.6	3001.4	3855.9	5401.5	5682.3
40°	4331.7	4340.0	4266.1	3992.7	3616.7	3392.2	3378.3	4175.6	5915.1	6280.0
42.5°	4754.8	4764.0	4689.2	4486.9	4140.5	3920.6	3841.2	4567.3	6416.7	6922.0
45°	5042.1	5099.4	5088.3	4926.6	4678.1	4449.9	4397.3	5058.7	6988.5	7602.9
47.5°	5123.4	5176.0	5259.2	5281.4	5129.9	4905.4	4968.2	5650.9	7566.8	8284.6
50°	4922.9	4971.9	5144.6	5374.7	5480.0	5410.7	5523.4	6285.5	8159.0	8964.5
52.5°	4527.5	4577.4	4795.4	5159.4	5589.0	5807.0	6080.4	6910.9	8732.7	9608.4
55°	3955.7	4008.4	4288.3	4700.3	5381.1	5970.5	6545.1	7535.4	9258.3	10187.7
57.5°	3177.9	3216.7	3507.7	4084.1	4858.3	5807.9	6887.8	8217.2	9753.5	10756.7
60°	2071.2	2105.3	2443.4	3086.4	3991.7	5264.7	6956.2	8977.5	10411.2	11496.7
62.5°	1377.4	1400.5	1600.9	2073.0	2811.1	4221.8	6556.2	9584.4	11375.7	12784.5
65°	945.0	968.1	1168.6	1497.5	1816.2	2792.6	5406.1	9504.0	12249.6	13807.1
67.5°	674.4	693.8	863.8	1174.1	1314.6	1622.2	3664.7	8476.8	12123.9	13845.9
70°	483.1	494.2	634.7	914.6	1044.8	974.6	2037.9	6483.2	10615.4	12785.4
72.5°	338.1	341.8	440.7	696.5	841.6	711.3	970.0	4322.5	8028.7	10035.2
75°	229.1	233.7	296.5	510.9	675.3	543.2	513.6	2317.8	4713.2	5554.8
77.5°	140.4	142.3	191.2	349.2	505.3	413.9	330.7	982.0	1823.6	1790.3
80°	79.4	79.4	121.9	217.1	344.6	267.0	231.9	417.6	577.4	507.2
82.5°	44.3	45.3	88.7	134.9	228.2	158.0	127.5	193.1	249.4	220.8
85°	18.5	20.3	54.5	63.7	109.0	78.5	51.7	81.3	92.4	82.2
87.5°	1.8	2.8	16.6	12.0	12.9	15.7	7.4	15.7	12.9	12.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P847395
 CATALOG NUMBER: GLAN-SB3C-722-U-T2-HSS

CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
2125.7	0°	2125.7	2125.7	2125.7	2125.7	2125.7	2125.7	2125.7	2125.7	2125.7	2125.7
2157.1	2.5°	2139.5	2125.7	2090.6	2049.9	1996.3	1970.5	1935.4	1911.3	1891.0	1892.9
2210.7	5°	2181.1	2146.0	2067.5	1969.5	1847.6	1760.8	1668.4	1604.6	1552.9	1541.8
2284.6	7.5°	2238.4	2182.9	2045.3	1868.8	1662.8	1506.7	1367.2	1277.6	1213.9	1193.5
2374.2	10°	2312.3	2231.9	2016.7	1742.3	1445.7	1247.1	1097.5	1027.3	983.8	969.1
2479.5	12.5°	2398.2	2288.3	1978.8	1588.0	1222.2	1031.0	935.8	900.7	886.8	882.2
2608.8	15°	2506.3	2358.5	1921.5	1405.1	1032.8	898.9	858.2	853.6	855.4	853.6
2764.0	17.5°	2634.7	2435.1	1828.2	1216.6	905.3	831.4	816.6	820.3	825.0	824.0
2937.7	20°	2775.1	2510.9	1709.0	1049.4	818.5	783.4	775.1	778.8	782.5	780.6
3138.1	22.5°	2934.9	2592.2	1576.9	919.2	760.3	739.0	729.8	730.7	730.7	727.0
3392.2	25°	3126.1	2681.8	1438.4	826.8	715.9	699.3	688.2	684.5	679.0	667.9
3700.7	27.5°	3354.3	2776.9	1305.3	762.1	680.8	665.1	652.2	643.0	629.1	610.6
4071.2	30°	3611.1	2892.4	1192.6	721.5	653.1	637.4	622.6	608.8	588.5	565.4
4497.1	32.5°	3913.2	3016.2	1110.4	694.7	628.2	611.6	594.0	577.4	555.2	532.1
4975.6	35°	4273.5	3165.9	1062.4	676.2	608.8	586.6	567.2	548.7	532.1	511.8
5495.7	37.5°	4664.3	3324.8	1047.6	667.0	595.9	561.7	539.5	526.6	524.7	512.7
6058.3	40°	5092.0	3513.2	1058.7	661.4	582.0	537.7	513.6	510.9	515.5	494.2
6659.7	42.5°	5544.6	3736.8	1077.2	655.0	562.6	513.6	490.5	490.5	486.8	457.3
7295.2	45°	6034.3	3994.5	1095.6	639.3	539.5	489.6	472.1	465.6	449.9	421.3
7934.5	47.5°	6527.6	4256.9	1109.5	610.6	511.8	469.3	453.6	438.8	415.7	389.8
8561.8	50°	6995.9	4492.4	1094.7	568.1	480.4	449.9	433.3	412.9	388.0	370.4
9155.8	52.5°	7414.4	4696.6	1031.9	518.3	447.1	429.6	414.8	393.5	373.2	354.7
9691.6	55°	7778.4	4862.0	921.0	471.1	417.6	412.0	397.2	370.4	342.7	327.0
10222.8	57.5°	8127.6	4987.6	782.5	432.3	390.8	392.6	370.4	346.4	320.6	303.9
10938.7	60°	8592.3	5155.7	642.0	396.3	362.1	367.7	343.7	326.1	293.8	272.5
12166.4	62.5°	9335.0	5417.2	509.9	352.0	328.9	330.7	320.6	299.3	260.5	235.6
13076.4	65°	9924.4	5321.1	401.9	303.9	291.0	293.8	293.8	270.7	229.1	200.5
13125.3	67.5°	9857.9	4556.2	320.6	256.8	255.0	256.8	263.3	243.9	203.2	180.1
12125.8	70°	9080.9	3624.1	256.8	213.4	221.7	217.1	235.6	222.6	182.9	159.8
9400.6	72.5°	7409.8	2610.7	195.8	176.4	170.0	177.4	212.5	200.5	152.4	126.6
4979.3	75°	4329.8	1393.1	146.0	139.5	122.9	147.8	188.5	170.9	116.4	93.3
1526.1	77.5°	1409.7	485.9	107.2	102.5	91.5	119.2	160.7	144.1	95.2	73.9
447.1	80°	377.8	146.9	73.0	67.4	59.1	88.7	127.5	114.6	68.4	48.0
192.2	82.5°	151.5	61.9	42.5	37.9	32.3	61.0	100.7	92.4	50.8	30.5
60.0	85°	49.0	20.3	15.7	12.0	14.8	37.9	60.0	62.8	36.0	15.7
9.2	87.5°	6.5	2.8	2.8	3.7	2.8	6.5	18.5	17.6	10.2	1.8
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°
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2125.7
1874.4
1516.9
1173.2
958.0
879.5
852.7
822.2
779.7
725.2
666.1
608.8
563.5
533.0
509.9
511.8
495.2
457.3
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388.9
367.7
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