Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1203371

Luminaire Tested: GWC-SB2C-735-U-RW

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203371
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-19)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-735-U-RW
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND RECTANGULAR WIDE OP
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15419 lumens
Efficiency:	N/A
Efficacy:	152.8 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B4 - U0 - G4

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

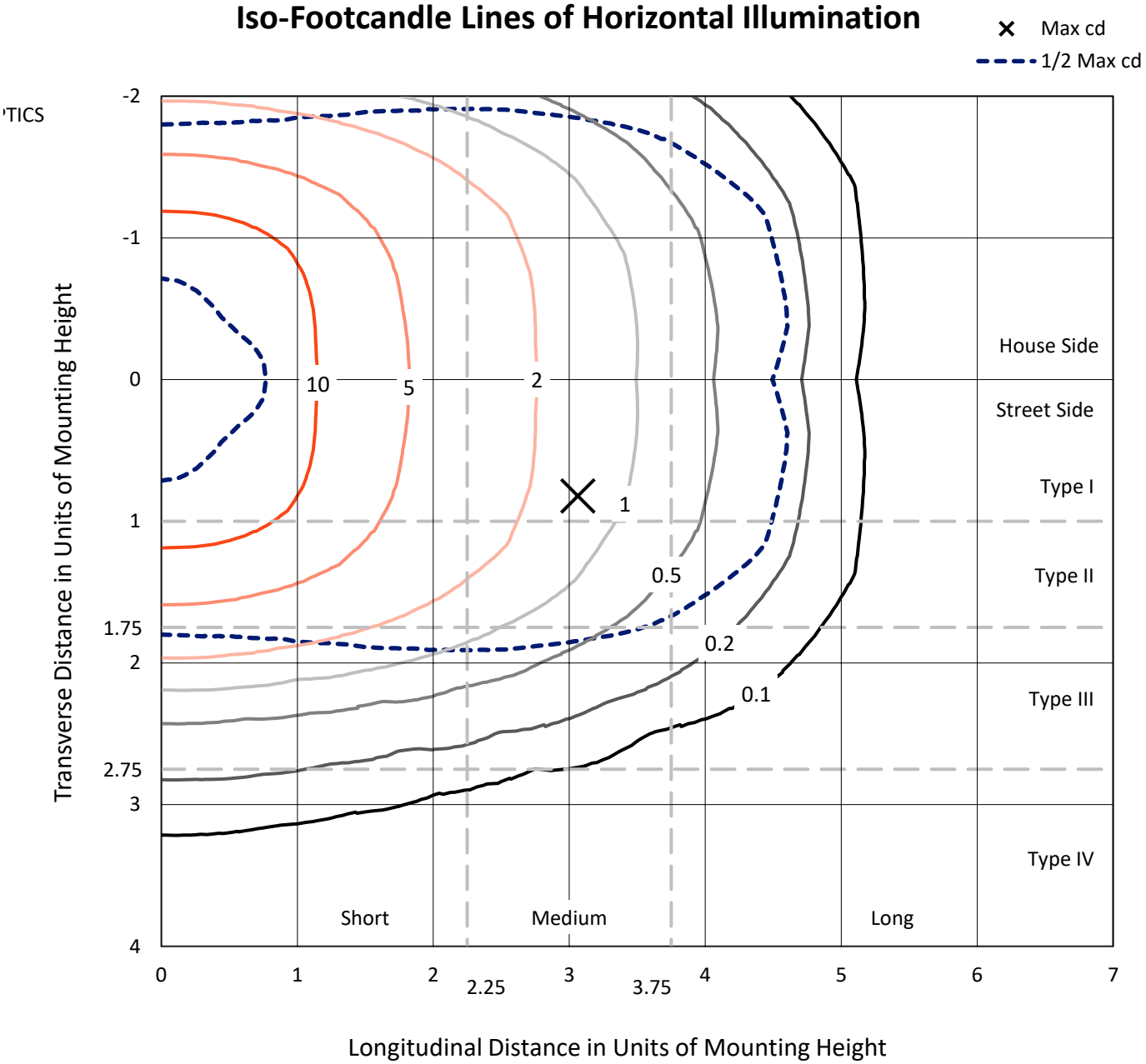


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Iso-Footcandle Lines of Horizontal Illumination



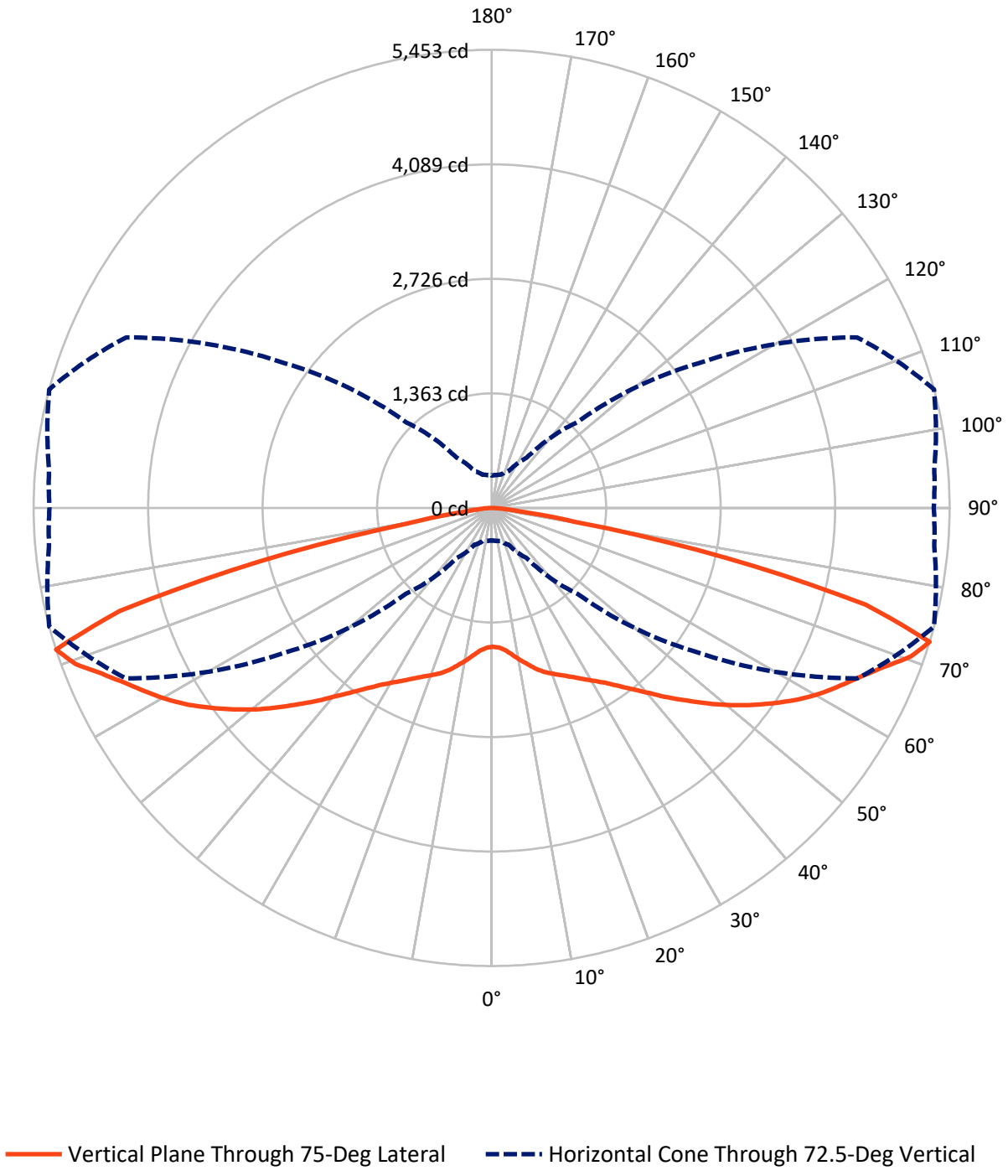
Based on 10 foot mounting height. Maximum calculated value = 18.1 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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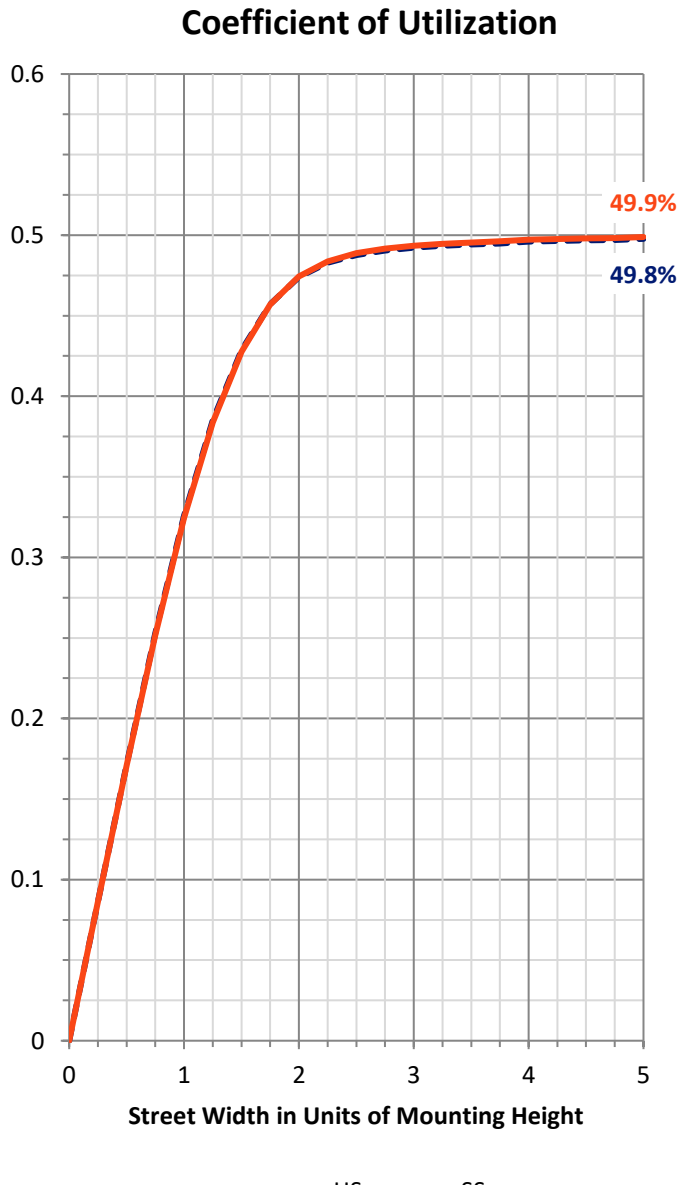
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7709.5	0.0	7709.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	7709.5	0.0	7709.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	15419.0	0.0	15419.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.8	1.0
10°-20°	533.6	3.5
20°-30°	1031.1	6.7
30°-40°	1741.1	11.3
40°-50°	2761.2	17.9
50°-60°	3696.9	24.0
60°-70°	3518.3	22.8
70°-80°	1835.9	11.9
80°-90°	139.0	0.9
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°	15419.0	100.0
0°-180°	15419.0	100.0



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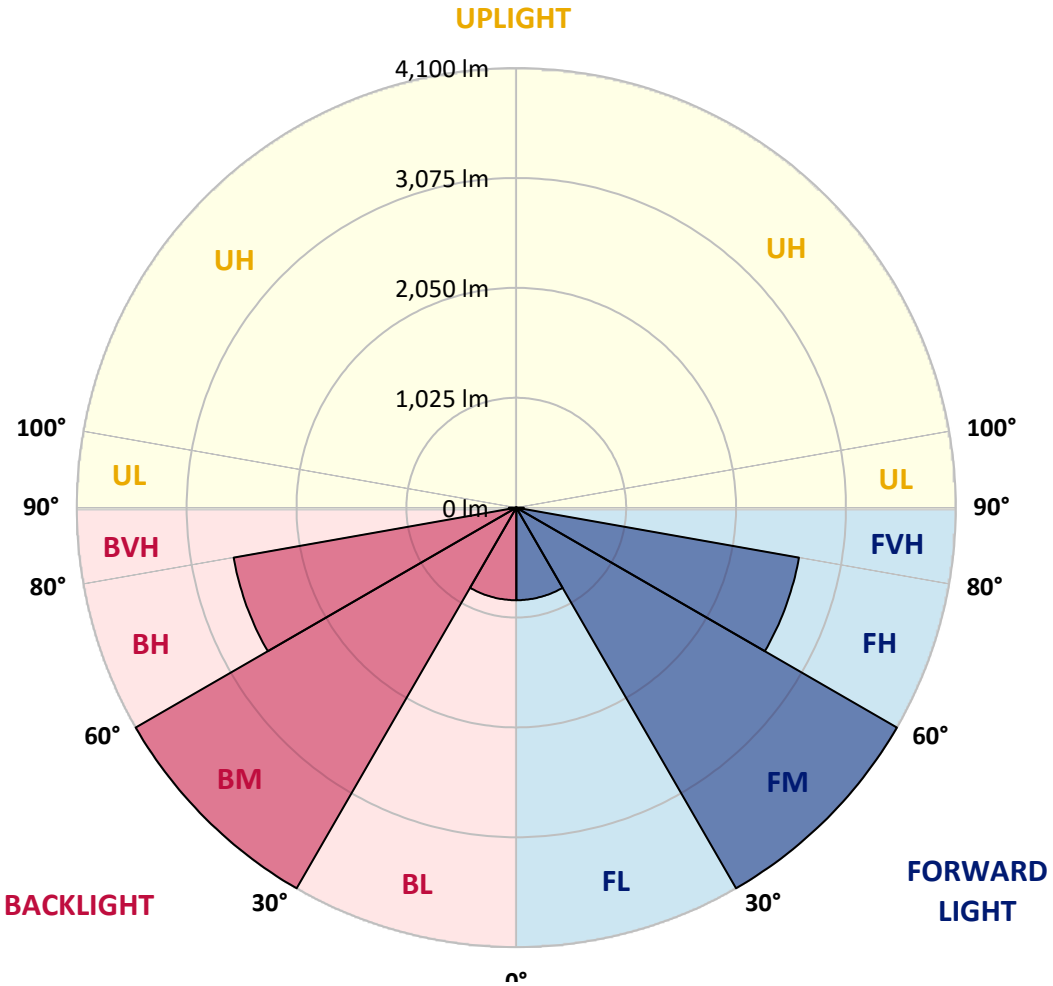
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	863.3	5.6			
FM	(30°-60°)	4099.6	26.6			
FH	(60°-80°)	2677.1	17.4			G2/5000
FVH	(80°-90°)	69.5	0.5			G1/100
BL	(0°-30°)	863.3	5.6	B2/1000		
BM	(30°-60°)	4099.6	26.6	B3/5000		
BH	(60°-80°)	2677.1	17.4	B4/5000		G4/5000
BVH	(80°-90°)	69.5	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1651.7	1651.7	1651.7	1651.7	1651.7	1651.7	1651.7	1651.7	*1651.7*	1651.7	1651.7
2.5°	1651.7	1650.1	1651.7	1653.2	1652.4	1652.4	1656.4	1658.7	*1663.5*	1662.7	1661.9
5°	1640.6	1639.8	1646.1	1653.2	1658.7	1668.2	1680.0	1688.7	*1699.7*	1702.0	1702.0
7.5°	1635.1	1632.8	1643.8	1656.4	1673.7	1697.3	1720.1	1743.8	*1762.7*	1769.0	1770.5
10°	1639.1	1639.8	1654.8	1678.4	1706.0	1739.0	1771.3	1811.5	*1838.2*	1844.5	1850.8
12.5°	1657.2	1655.6	1680.8	1718.6	1756.4	1798.1	1835.9	1880.0	*1909.1*	1924.0	1930.3
15°	1690.2	1687.1	1722.5	1778.4	1833.5	1882.3	1913.0	1954.7	*1988.6*	2007.5	2014.6
17.5°	1729.6	1731.2	1777.6	1850.0	1922.5	1977.6	2006.7	2028.0	*2053.9*	2070.5	2078.3
20°	1798.9	1802.0	1854.0	1939.8	2022.4	2085.4	2109.0	2101.2	*2108.3*	2120.9	2130.3
22.5°	1891.8	1893.3	1951.6	2044.5	2131.1	2200.4	2216.1	2183.8	*2164.2*	2172.8	2179.1
25°	1999.6	2009.8	2068.1	2163.4	2252.3	2318.5	2325.5	2276.7	*2227.9*	2230.3	2234.2
27.5°	2131.1	2140.5	2199.6	2294.0	2384.6	2442.1	2441.3	2375.9	*2304.3*	2286.2	2291.7
30°	2273.6	2283.8	2344.4	2442.1	2526.3	2576.7	2565.6	2487.7	*2385.4*	2351.5	2355.5
32.5°	2442.8	2449.1	2510.5	2608.2	2686.1	2726.2	2703.4	2607.4	*2479.8*	2441.3	2450.7
35°	2647.5	2657.0	2702.6	2794.7	2863.2	2896.3	2857.7	2744.4	*2601.1*	2557.8	2564.1
37.5°	2881.3	2875.0	2927.0	3008.9	3065.6	3086.0	3033.3	2898.7	*2739.6*	2688.5	2697.9
40°	3125.4	3122.2	3178.9	3257.6	3288.3	3300.9	3223.0	3075.8	*2899.4*	2844.3	2862.4
42.5°	3346.6	3344.2	3420.6	3508.0	3545.0	3530.8	3432.4	3263.9	*3084.4*	3021.5	3037.2
45°	3523.7	3520.6	3614.3	3737.1	3809.5	3785.9	3653.6	3471.8	*3271.8*	3206.5	3221.4
47.5°	3659.9	3661.5	3762.3	3914.2	4041.0	4049.6	3879.6	3683.5	*3478.1*	3404.1	3426.1
50°	3758.3	3763.1	3870.9	4039.4	4212.6	4288.9	4110.2	3900.8	*3691.4*	3608.0	3633.2
52.5°	3782.7	3791.4	3921.3	4118.9	4322.8	4468.4	4344.8	4109.4	*3893.7*	3814.2	3834.7
55°	3652.8	3670.2	3834.7	4112.6	4390.5	4586.5	4551.1	4321.2	*4097.6*	4015.8	4038.6
57.5°	3354.5	3378.9	3571.0	3933.9	4375.5	4667.6	4710.9	4524.3	*4301.5*	4222.8	4240.9
60°	2936.4	2965.6	3149.8	3545.8	4164.6	4697.5	4823.5	4721.9	*4488.9*	4412.5	4429.1
62.5°	2305.9	2343.6	2564.1	3028.6	3719.0	4558.2	4919.5	4900.6	*4657.4*	4562.1	4573.1
65°	1479.2	1519.4	1751.6	2300.3	3124.6	4131.5	4949.4	5074.6	*4835.3*	4702.2	4718.8
67.5°	892.0	910.1	1025.0	1394.2	2283.8	3488.3	4695.9	5267.5	*5043.1*	4877.8	4890.4
70°	570.8	581.0	649.5	818.7	1291.1	2545.2	4067.7	5303.7	*5295.0*	5058.1	5056.5
72.5°	*387.3*	*390.5*	*408.6*	*484.9*	*730.6*	*1446.2*	*3000.2*	*4801.4*	*5452.5*	*5290.3*	*5265.1*
75°	283.4	300.7	329.9	343.2	414.9	722.7	1719.4	3373.4	*4595.2*	4666.0	4494.4
77.5°	211.0	211.8	251.9	267.7	296.0	385.0	727.4	1883.1	*2853.0*	2995.5	2671.9
80°	178.7	169.3	168.5	215.7	222.8	240.1	325.1	650.3	*1021.9*	619.6	468.4
82.5°	148.8	138.6	125.2	168.5	151.9	147.2	140.9	264.5	*325.1*	159.8	136.2
85°	103.9	99.2	94.5	110.2	86.6	74.0	67.7	123.6	*137.0*	67.7	59.8
87.5°	44.9	46.4	47.2	48.8	36.2	26.0	26.0	34.6	*34.6*	26.8	19.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0


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(END OF REPORT)