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: P1203459

Luminaire Tested: GWC-SB2C-827-U-RW

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203459
	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-827-U-RW
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND RECTANGULAR WIDE OP
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13408 lumens
Efficiency:	N/A
Efficacy:	132.9 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B3 - U0 - G3

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

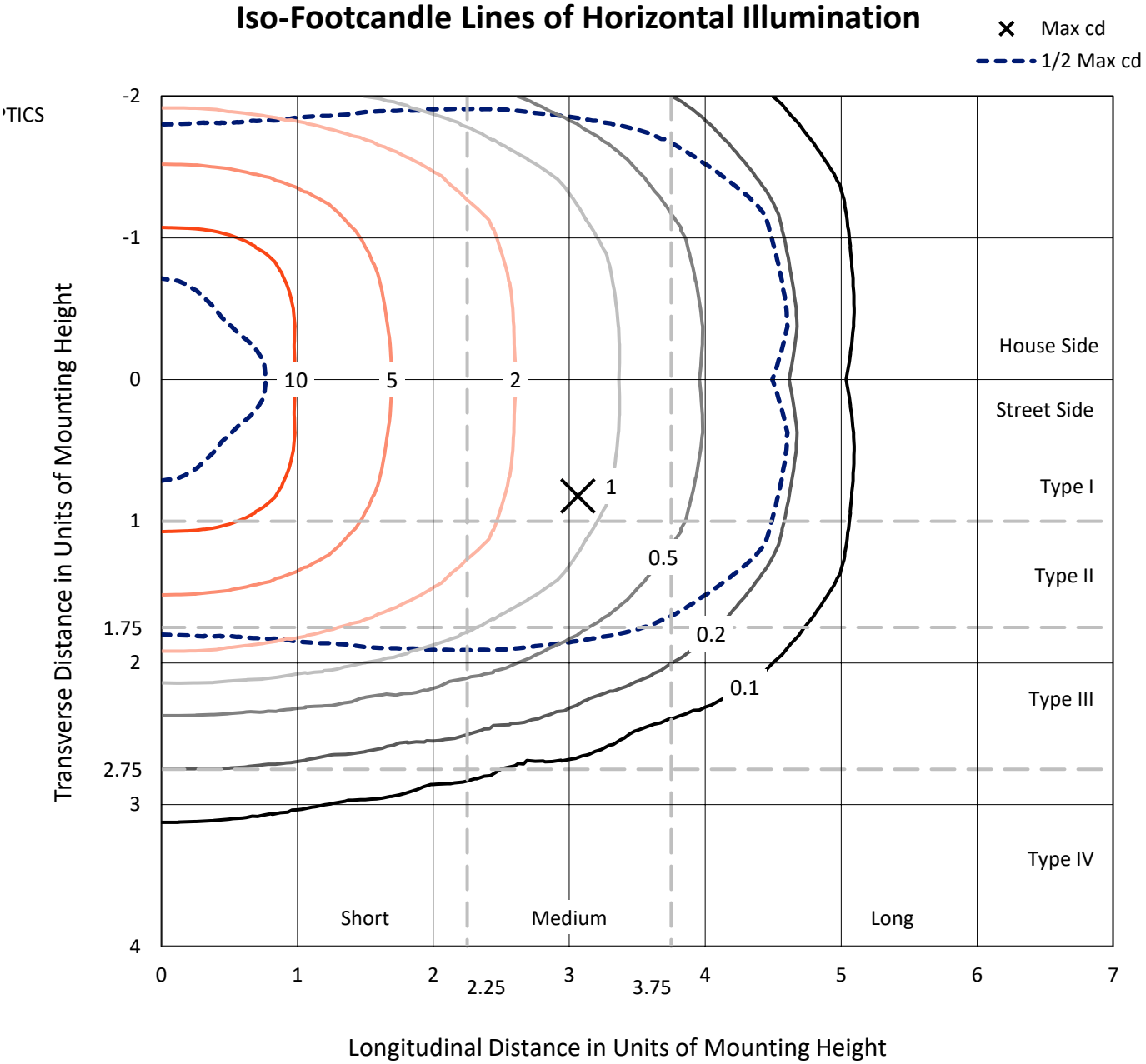


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Iso-Footcandle Lines of Horizontal Illumination



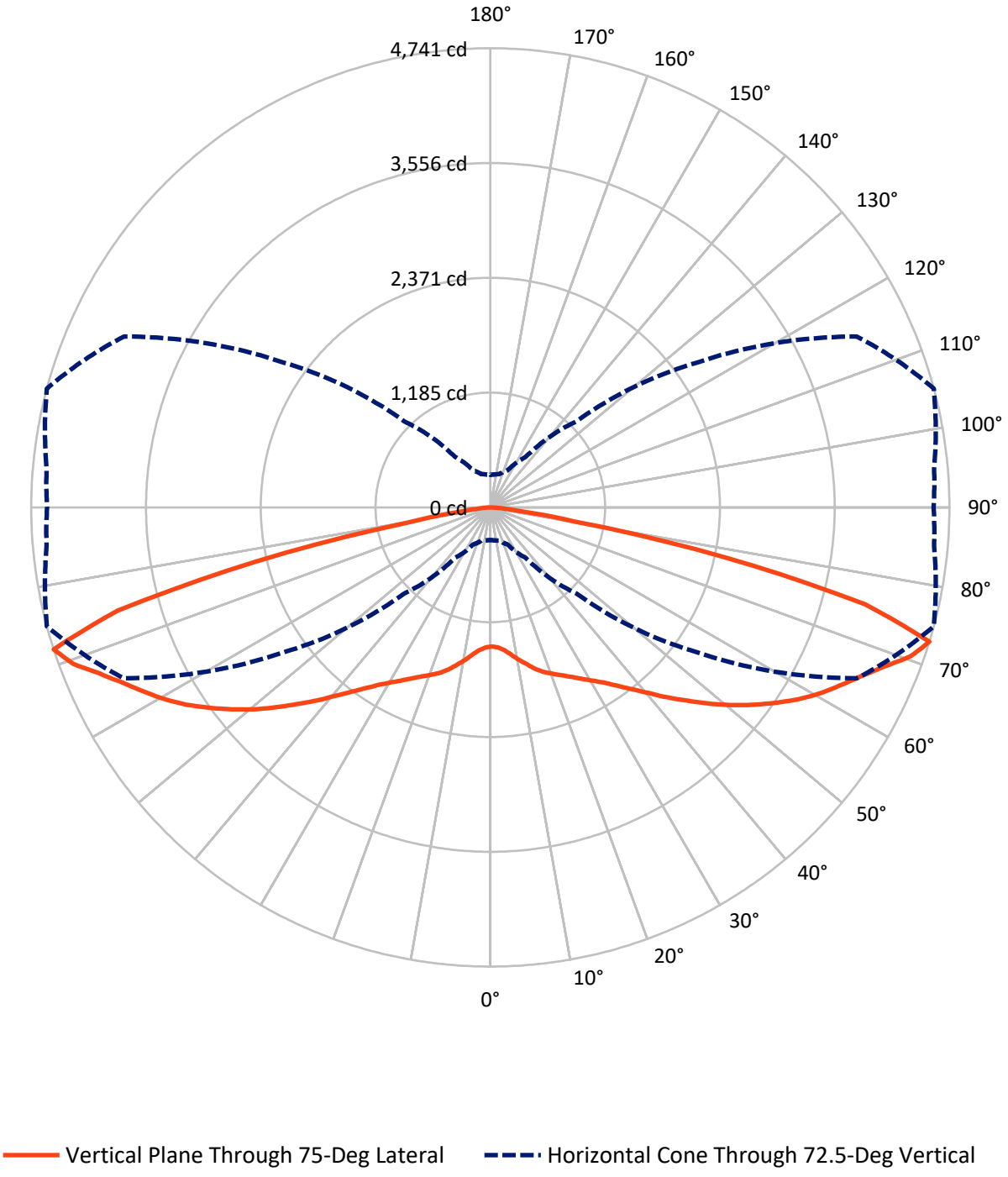
Based on 10 foot mounting height. Maximum calculated value = 15.7 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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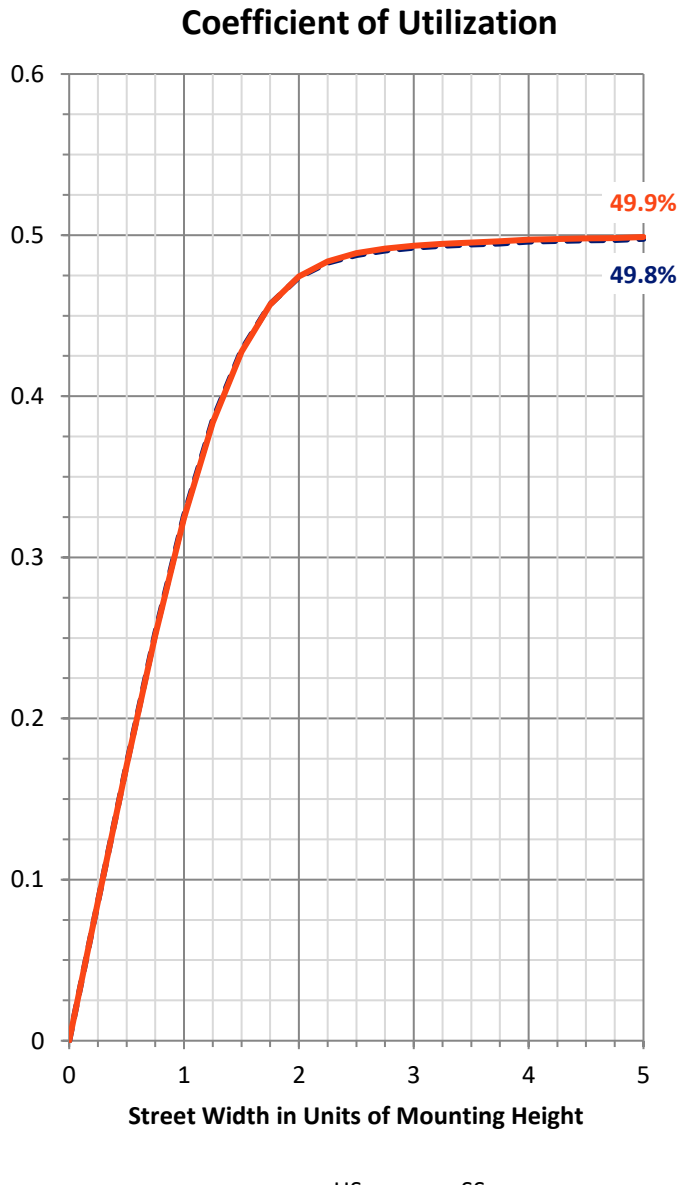
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6704.0	0.0	6704.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	6704.0	0.0	6704.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	13408.0	0.0	13408.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.7	1.0
10°-20°	464.0	3.5
20°-30°	896.6	6.7
30°-40°	1514.0	11.3
40°-50°	2401.1	17.9
50°-60°	3214.8	24.0
60°-70°	3059.4	22.8
70°-80°	1596.5	11.9
80°-90°	120.8	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°	13408.0	100.0
0°-180°	13408.0	100.0



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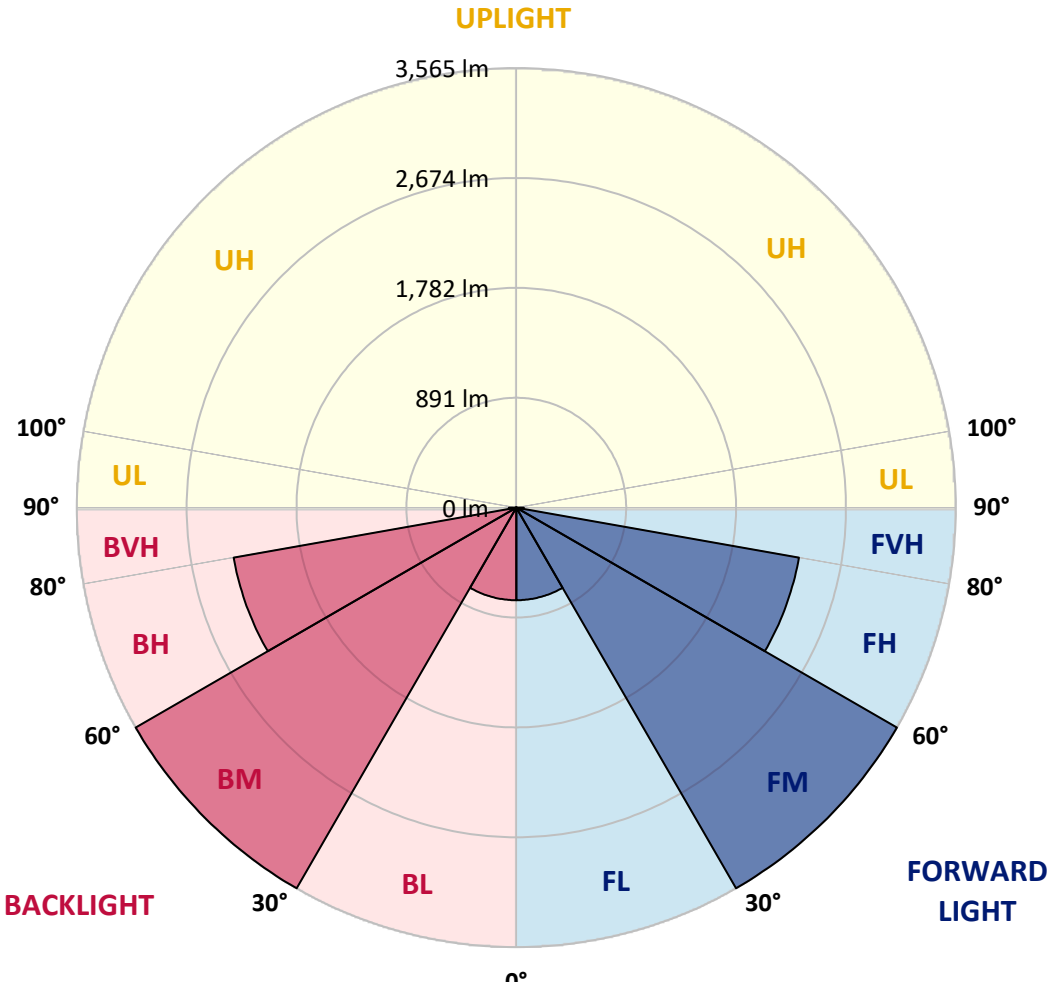
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	750.7	5.6			
FM	(30°-60°)	3564.9	26.6			
FH	(60°-80°)	2328.0	17.4			G2/5000
FVH	(80°-90°)	60.4	0.5			G1/100
BL	(0°-30°)	750.7	5.6	B2/1000		
BM	(30°-60°)	3564.9	26.6	B3/5000		
BH	(60°-80°)	2328.0	17.4	B3/2500		G3/2500
BVH	(80°-90°)	60.4	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1436.2	1436.2	1436.2	1436.2	1436.2	1436.2	1436.2	1436.2	*1436.2*	1436.2	1436.2
2.5°	1436.2	1434.9	1436.2	1437.6	1436.9	1436.9	1440.3	1442.4	*1446.5*	1445.8	1445.1
5°	1426.7	1426.0	1431.4	1437.6	1442.4	1450.6	1460.9	1468.4	*1478.0*	1480.0	1480.0
7.5°	1421.9	1419.8	1429.4	1440.3	1455.4	1475.9	1495.8	1516.3	*1532.8*	1538.2	1539.6
10°	1425.3	1426.0	1439.0	1459.5	1483.5	1512.2	1540.3	1575.2	*1598.5*	1604.0	1609.4
12.5°	1441.0	1439.7	1461.6	1494.4	1527.3	1563.6	1596.4	1634.8	*1660.1*	1673.1	1678.6
15°	1469.8	1467.0	1497.8	1546.5	1594.4	1636.8	1663.5	1699.8	*1729.2*	1745.7	1751.8
17.5°	1504.0	1505.4	1545.8	1608.7	1671.7	1719.7	1745.0	1763.5	*1786.1*	1800.4	1807.3
20°	1564.3	1567.0	1612.2	1686.8	1758.7	1813.4	1834.0	1827.1	*1833.3*	1844.2	1852.5
22.5°	1645.0	1646.4	1697.1	1777.8	1853.1	1913.4	1927.1	1899.0	*1881.9*	1889.4	1894.9
25°	1738.8	1747.7	1798.4	1881.2	1958.6	2016.1	2022.2	1979.8	*1937.3*	1939.4	1942.8
27.5°	1853.1	1861.4	1912.7	1994.8	2073.6	2123.5	2122.9	2066.0	*2003.7*	1988.0	1992.8
30°	1977.1	1985.9	2038.7	2123.5	2196.8	2240.6	2231.0	2163.3	*2074.3*	2044.8	2048.2
32.5°	2124.2	2129.7	2183.1	2268.0	2335.8	2370.7	2350.8	2267.3	*2156.4*	2122.9	2131.1
35°	2302.2	2310.4	2350.1	2430.2	2489.8	2518.5	2485.0	2386.4	*2261.8*	2224.2	2229.7
37.5°	2505.5	2500.1	2545.2	2616.4	2665.7	2683.5	2637.7	2520.6	*2382.3*	2337.8	2346.0
40°	2717.8	2715.0	2764.3	2832.8	2859.5	2870.4	2802.6	2674.6	*2521.3*	2473.4	2489.1
42.5°	2910.1	2908.1	2974.5	3050.5	3082.6	3070.3	2984.7	2838.2	*2682.2*	2627.4	2641.1
45°	3064.2	3061.4	3142.9	3249.7	3312.7	3292.1	3177.1	3019.0	*2845.1*	2788.3	2801.3
47.5°	3182.6	3184.0	3271.6	3403.7	3513.9	3521.5	3373.6	3203.1	*3024.4*	2960.1	2979.3
50°	3268.2	3272.3	3366.1	3512.6	3663.2	3729.6	3574.2	3392.1	*3210.0*	3137.4	3159.3
52.5°	3289.4	3296.9	3409.9	3581.7	3759.0	3885.6	3778.2	3573.5	*3385.9*	3316.8	3334.6
55°	3176.4	3191.5	3334.6	3576.2	3817.9	3988.3	3957.5	3757.6	*3563.2*	3492.0	3511.9
57.5°	2917.0	2938.2	3105.2	3420.8	3804.9	4058.8	4096.5	3934.2	*3740.5*	3672.1	3687.8
60°	2553.5	2578.8	2739.0	3083.3	3621.4	4084.9	4194.4	4106.1	*3903.4*	3837.0	3851.4
62.5°	2005.1	2038.0	2229.7	2633.6	3233.9	3963.7	4277.9	4261.5	*4049.9*	3967.1	3976.7
65°	1286.3	1321.2	1523.2	2000.3	2717.1	3592.6	4303.9	4412.8	*4204.7*	4089.0	4103.3
67.5°	775.6	791.4	891.3	1212.4	1985.9	3033.3	4083.5	4580.5	*4385.4*	4241.6	4252.6
70°	496.3	505.2	564.8	712.0	1122.7	2213.2	3537.2	4612.0	*4604.4*	4398.4	4397.0
72.5°	*336.8*	*339.5*	*355.3*	*421.7*	*635.3*	*1257.6*	*2608.9*	*4175.2*	*4741.4*	*4600.3*	*4578.4*
75°	246.4	261.5	286.8	298.5	360.8	628.4	1495.1	2933.4	*3995.9*	4057.5	3908.2
77.5°	183.5	184.2	219.1	232.8	257.4	334.8	632.5	1637.5	*2480.9*	2604.8	2323.4
80°	155.4	147.2	146.5	187.6	193.7	208.8	282.7	565.5	*888.6*	538.8	407.3
82.5°	129.4	120.5	108.8	146.5	132.1	128.0	122.5	230.0	*282.7*	139.0	118.4
85°	90.4	86.3	82.1	95.8	75.3	64.3	58.9	107.5	*119.1*	58.9	52.0
87.5°	39.0	40.4	41.1	42.4	31.5	22.6	22.6	30.1	*30.1*	23.3	17.1
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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SS

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(END OF REPORT)