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: P1203369

Luminaire Tested: GWC-SB2C-735-U-5NQ

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203369
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-18)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2C-735-U-5NQ
Description:	GALLEON WALL LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V NARROW OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15691 lumens
Efficiency:	N/A
Efficacy:	155.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G2

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

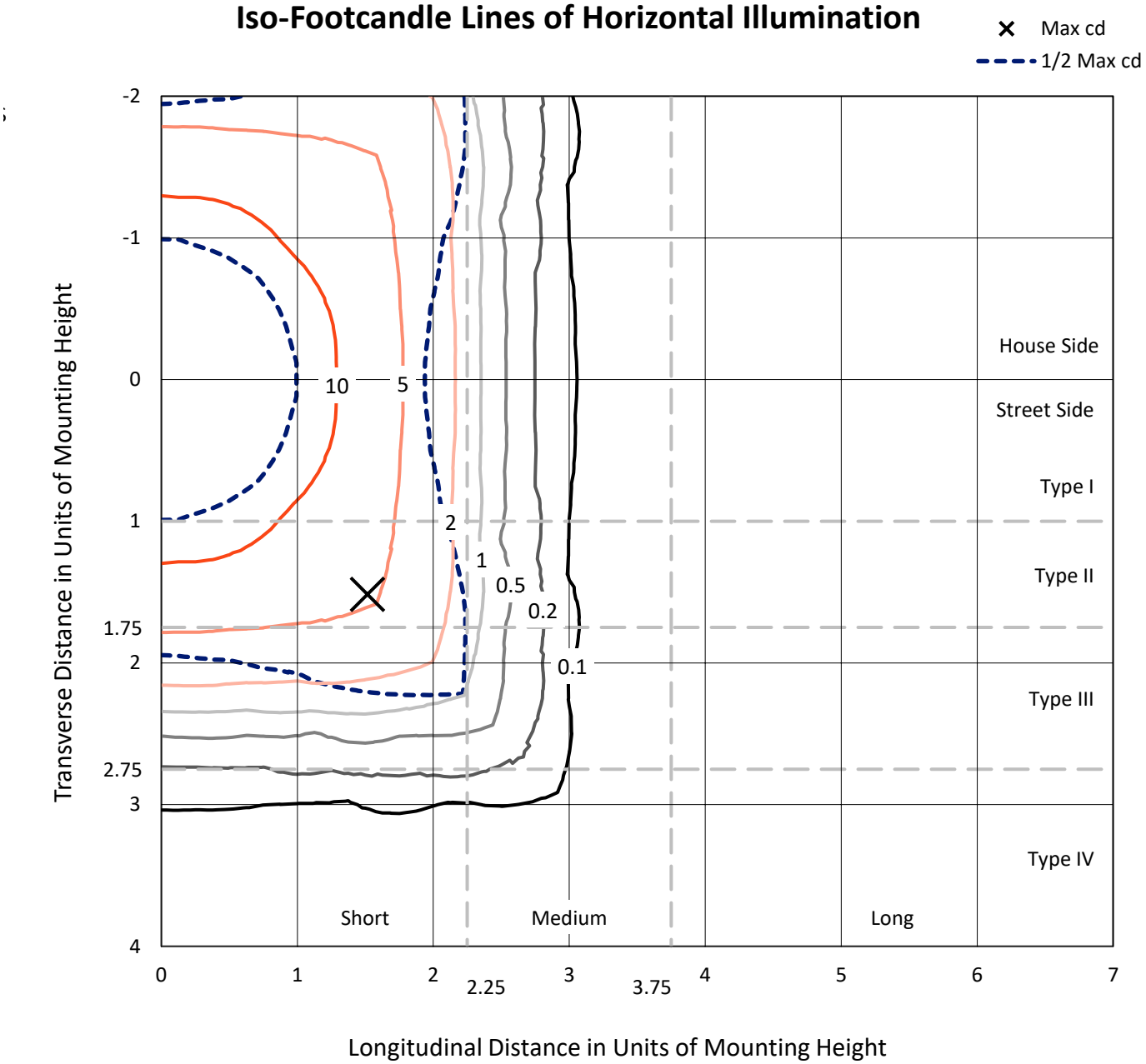


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Iso-Footcandle Lines of Horizontal Illumination



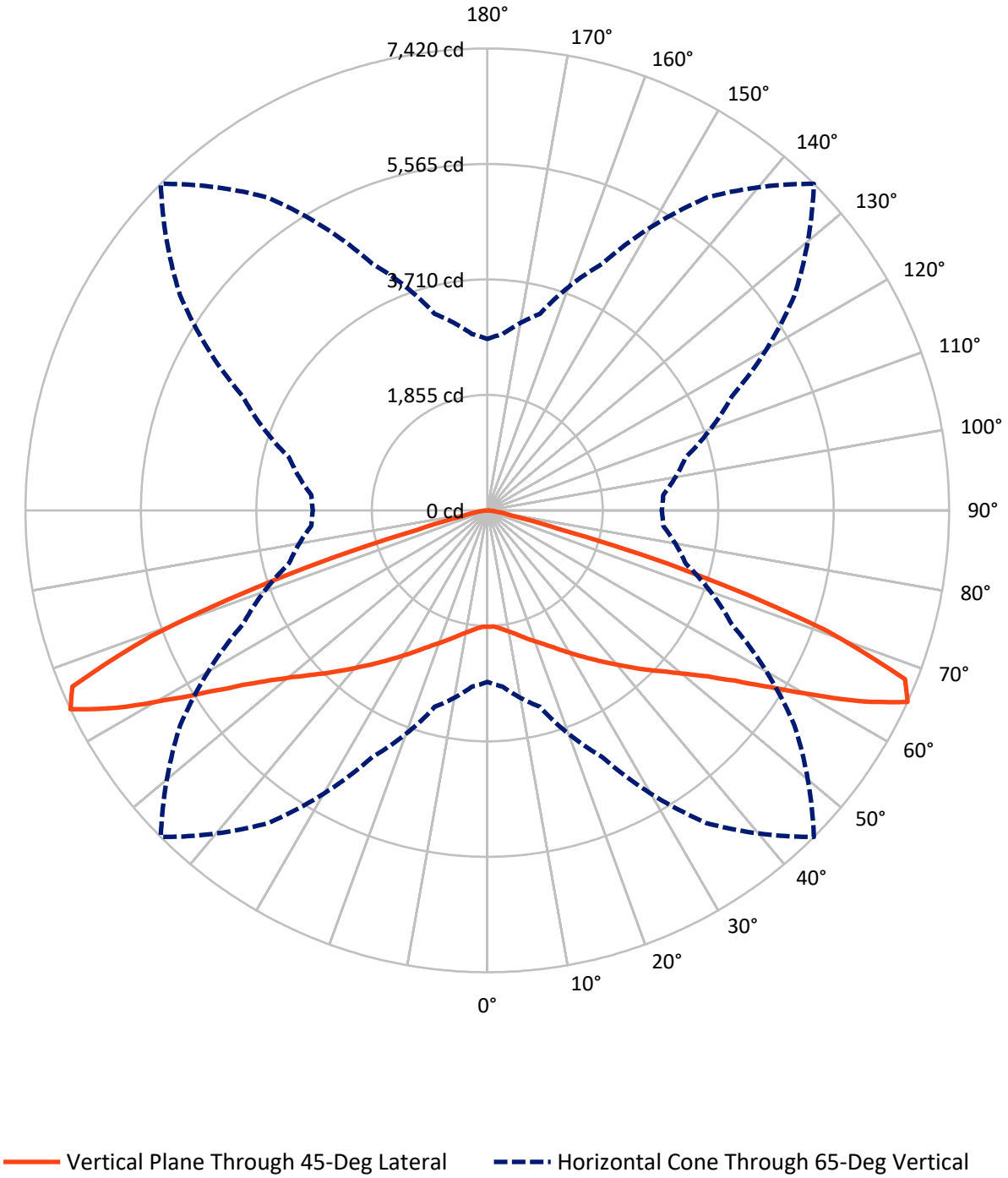
Based on 10 foot mounting height. Maximum calculated value = 19.1 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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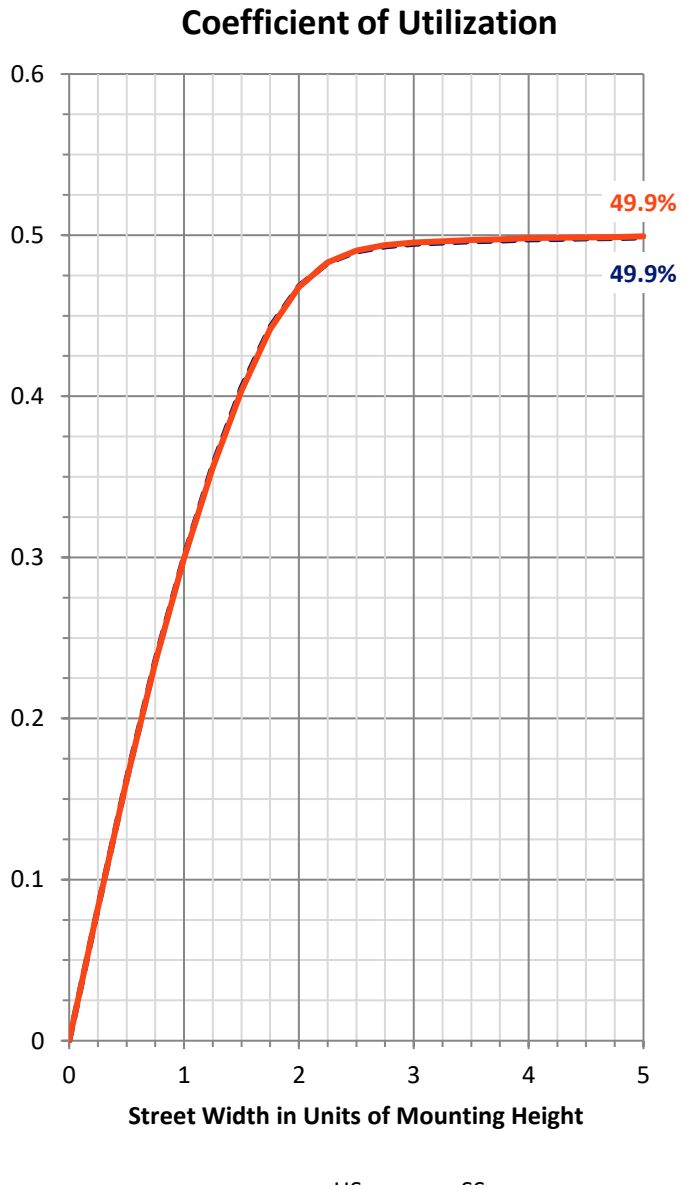
REPORT NUMBER: P1203369
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7845.5	0.0	7845.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	7845.5	0.0	7845.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	15691.0	0.0	15691.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	184.3	1.2
10°-20°	601.4	3.8
20°-30°	1135.4	7.2
30°-40°	1859.2	11.8
40°-50°	2882.8	18.4
50°-60°	4258.5	27.1
60°-70°	4053.7	25.8
70°-80°	654.1	4.2
80°-90°	61.7	0.4
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°	15691.0	100.0
0°-180°	15691.0	100.0



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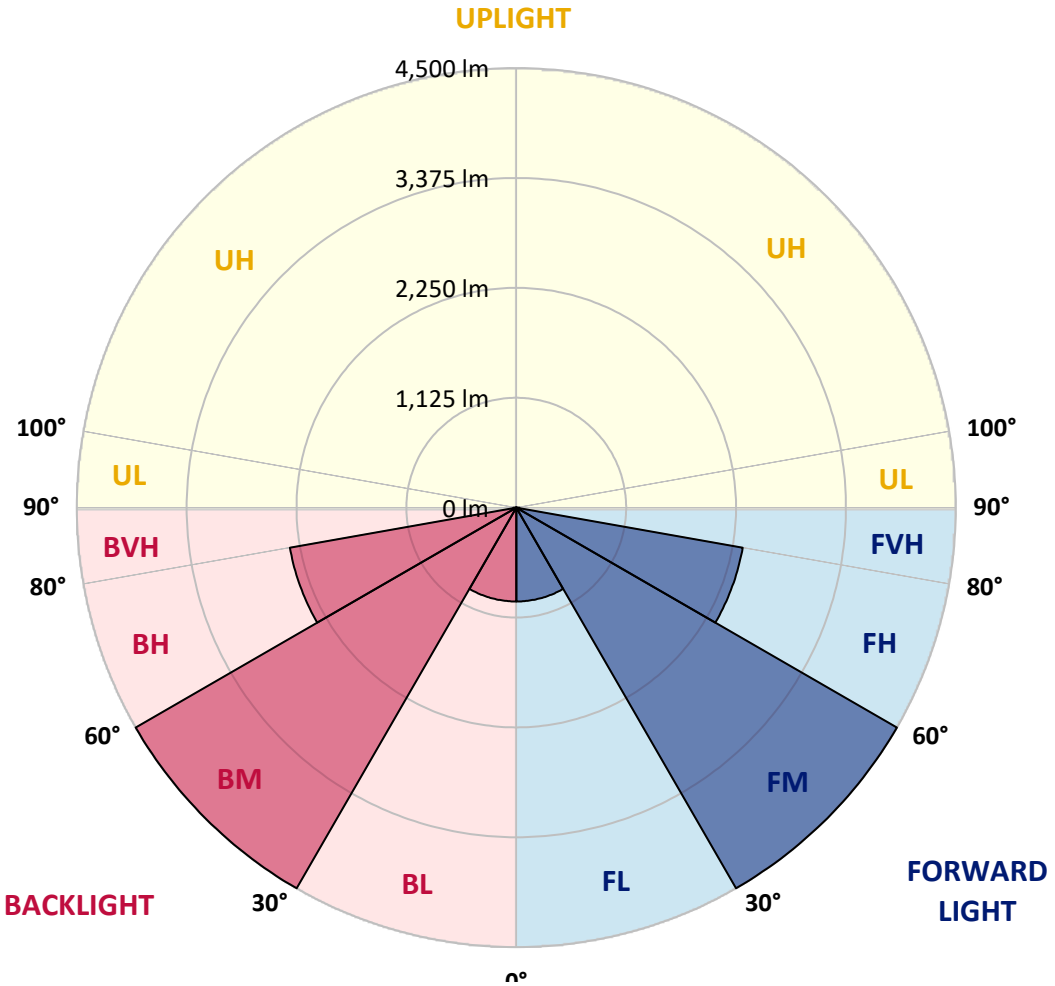
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	960.5	6.1			
FM	(30°-60°)	4500.2	28.7			
FH	(60°-80°)	2353.9	15.0			G2/5000
FVH	(80°-90°)	30.8	0.2			G1/100
BL	(0°-30°)	960.5	6.1	B2/1000		
BM	(30°-60°)	4500.2	28.7	B3/5000		
BH	(60°-80°)	2353.9	15.0	B3/2500		G2/5000
BVH	(80°-90°)	30.8	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1867.4	1867.4	1867.4	1867.4	1867.4	*1867.4*	1867.4	1867.4	1867.4	1867.4	1867.4
2.5°	1880.0	1873.7	1878.4	1874.5	1871.3	*1868.2*	1869.7	1875.3	1877.6	1878.4	1878.4
5°	1905.2	1899.7	1902.0	1902.0	1896.5	*1894.9*	1895.7	1899.7	1904.4	1904.4	1904.4
7.5°	1946.1	1940.6	1946.1	1943.0	1938.2	*1936.7*	1935.9	1939.0	1946.1	1946.1	1943.8
10°	1995.7	1989.4	1992.6	1991.0	1985.5	*1983.1*	1982.3	1987.0	1993.3	1992.6	1991.0
12.5°	2050.0	2042.9	2046.9	2042.2	2040.6	*2038.2*	2038.2	2037.4	2041.4	2038.2	2039.8
15°	2110.6	2105.9	2107.5	2104.4	2106.7	*2105.1*	2098.8	2095.7	2097.3	2092.5	2093.3
17.5°	2182.3	2171.3	2176.8	2175.2	2175.2	*2178.4*	2168.1	2164.2	2167.3	2162.6	2166.5
20°	2265.0	2253.9	2256.3	2253.1	2249.2	*2252.4*	2239.8	2242.9	2245.3	2242.1	2249.2
22.5°	2355.5	2341.3	2340.5	2342.1	2333.4	*2334.2*	2325.6	2333.4	2338.2	2329.5	2338.2
25°	2448.4	2433.4	2443.7	2439.7	2428.7	*2431.1*	2424.8	2432.6	2436.6	2425.6	2438.2
27.5°	2546.8	2536.6	2546.0	2548.4	2535.0	*2544.4*	2535.0	2542.1	2546.0	2529.5	2542.1
30°	2661.7	2651.5	2660.2	2666.5	2650.7	*2665.7*	2657.8	2662.5	2663.3	2643.6	2655.4
32.5°	2786.9	2771.2	2793.2	2796.4	2779.0	*2797.1*	2786.9	2793.2	2797.1	2770.4	2788.5
35°	2939.6	2920.0	2945.1	2941.2	2926.3	*2941.2*	2931.8	2941.2	2950.7	2918.4	2938.1
37.5°	3104.2	3083.7	3110.5	3103.4	3089.2	*3099.5*	3093.9	3100.2	3115.2	3080.6	3101.8
40°	3285.2	3260.1	3296.3	3283.7	3270.3	*3268.7*	3271.9	3275.8	3295.5	3256.9	3269.5
42.5°	3478.9	3452.1	3506.5	3486.8	3467.9	*3455.3*	3465.5	3473.4	3492.3	3449.0	3471.8
45°	3700.1	3669.4	3740.3	3716.7	3686.7	*3660.8*	3677.3	3689.1	3716.7	3664.7	3691.5
47.5°	3944.2	3909.5	3985.1	3978.0	3929.2	*3872.5*	3910.3	3944.2	3964.7	3901.7	3922.9
50°	4182.7	4156.0	4255.2	4263.8	4204.0	*4124.5*	4177.2	4228.4	4233.9	4151.2	4161.5
52.5°	4406.3	4379.5	4523.6	4577.9	4524.4	*4429.9*	4485.8	4537.8	4496.1	4389.0	4392.1
55°	4585.0	4563.0	4746.4	4886.5	4904.6	*4826.7*	4859.8	4858.2	4721.2	4556.7	4562.2
57.5°	4628.3	4625.2	4856.6	5153.4	5342.4	*5351.8*	5286.5	5119.6	4824.3	4603.1	4589.0
60°	4431.5	4451.2	4769.2	5292.8	5796.6	*6006.0*	5723.4	5247.1	4707.0	4400.0	4363.8
62.5°	3842.6	3894.6	4278.0	5122.7	6163.5	*6758.6*	6073.7	5053.4	4225.2	3824.5	3800.9
65°	*2753.8*	*2844.4*	*3267.9*	*4371.7*	*6130.4*	*7419.9*	*6023.3*	*4336.2*	*3299.4*	*2837.3*	*2803.4*
67.5°	1249.4	1341.5	1701.3	2993.2	5329.0	*7240.5*	5316.4	3024.7	1786.3	1346.2	1326.5
70°	452.7	468.4	584.1	1198.2	3405.7	*5769.1*	3551.3	1206.9	621.1	499.1	492.8
72.5°	274.0	276.3	300.7	429.1	1183.3	*3502.5*	1233.6	443.2	307.0	272.4	277.1
75°	174.0	172.4	214.1	262.2	419.6	*1181.7*	440.1	262.2	213.3	194.5	196.0
77.5°	125.2	129.1	153.5	196.0	264.5	*400.7*	259.8	187.4	153.5	126.0	128.3
80°	93.7	96.0	111.8	152.7	185.8	*249.6*	165.3	138.6	115.7	78.7	81.1
82.5°	67.7	67.7	73.2	111.0	113.4	*134.6*	89.7	97.6	76.4	55.9	55.9
85°	40.2	39.4	45.7	66.1	59.0	*49.6*	40.9	59.8	48.0	34.6	33.9
87.5°	14.2	15.0	14.2	18.9	15.7	*13.4*	12.6	16.5	13.4	11.8	11.0
90°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0	0.0


HS
SS

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(END OF REPORT)