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: P1199355

Luminaire Tested: GPC-SB2A-827-U-RW

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1199355
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-19)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2A-827-U-RW
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 80 CRI, 2700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND RECTANGULAR WIDE OP
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8031 lumens
Efficiency:	N/A
Efficacy:	140.2 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):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

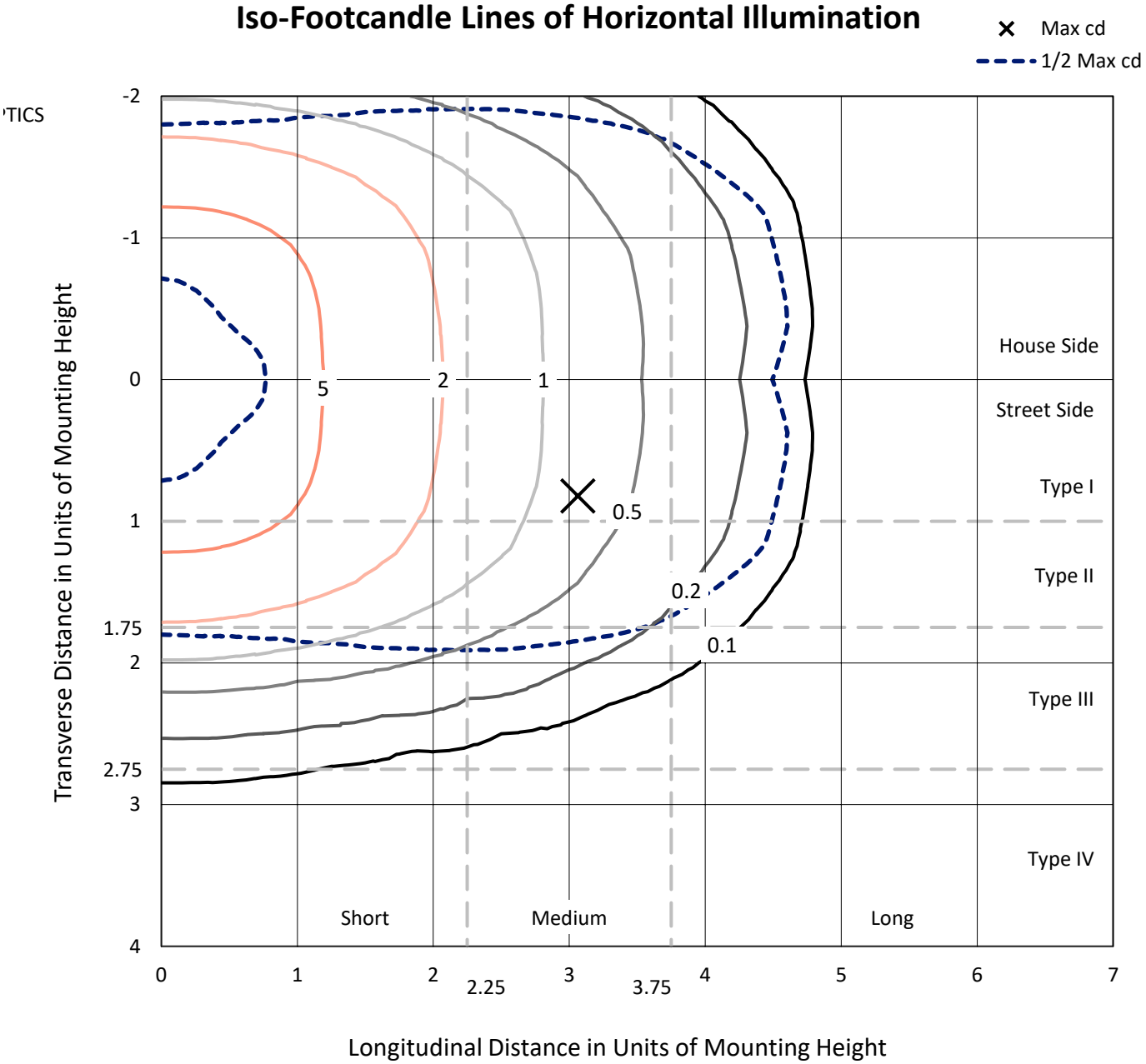


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Iso-Footcandle Lines of Horizontal Illumination



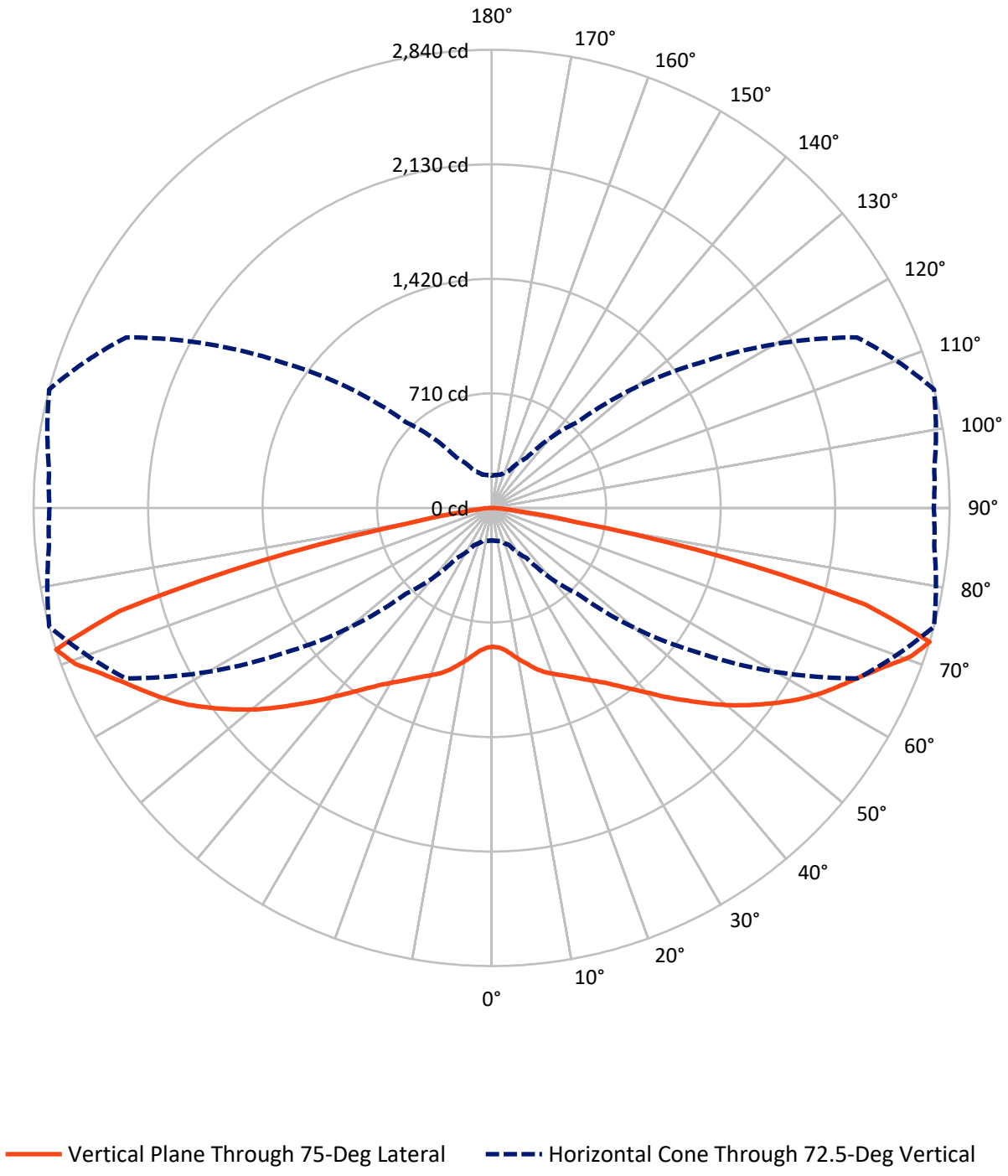
Based on 10 foot mounting height. Maximum calculated value = 9.4 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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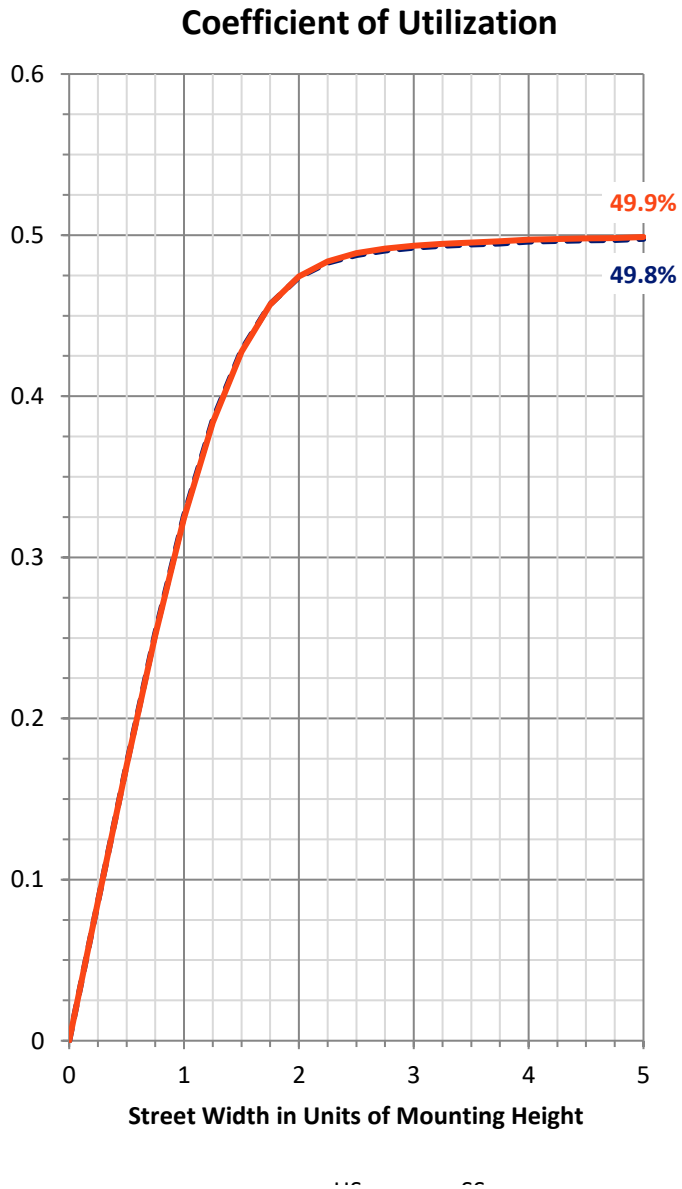
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4015.5	0.0	4015.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4015.5	0.0	4015.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	8031.0	0.0	8031.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.3	1.0
10°-20°	277.9	3.5
20°-30°	537.1	6.7
30°-40°	906.9	11.3
40°-50°	1438.2	17.9
50°-60°	1925.6	24.0
60°-70°	1832.5	22.8
70°-80°	956.2	11.9
80°-90°	72.4	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°	8031.0	100.0
0°-180°	8031.0	100.0



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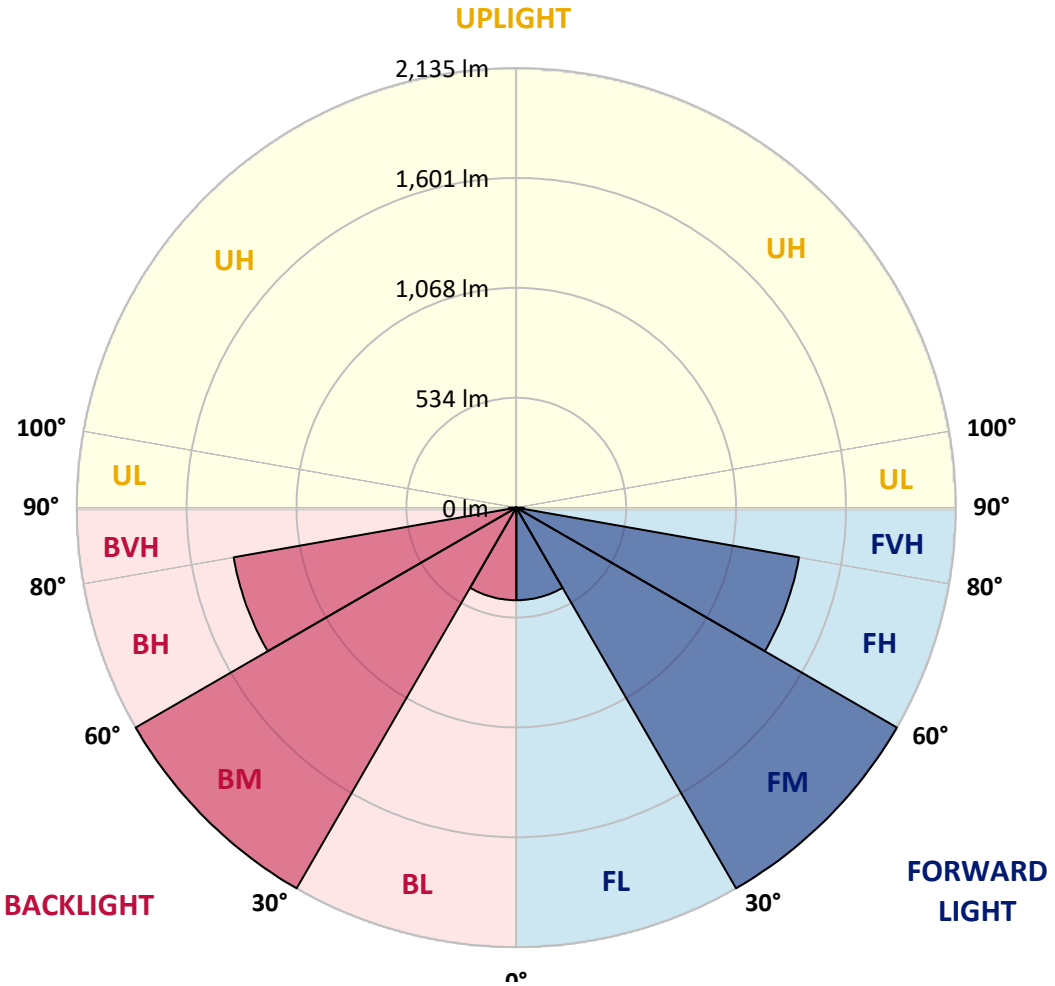
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	449.6	5.6			
FM	(30°-60°)	2135.3	26.6			
FH	(60°-80°)	1394.4	17.4			G1/1800
FVH	(80°-90°)	36.2	0.5			G1/100
BL	(0°-30°)	449.6	5.6	B1/500		
BM	(30°-60°)	2135.3	26.6	B2/2500		
BH	(60°-80°)	1394.4	17.4	B3/2500		G3/2500
BVH	(80°-90°)	36.2	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°	860.3	860.3	860.3	860.3	860.3	860.3	860.3	860.3	*860.3*	860.3	860.3
2.5°	860.3	859.4	860.3	861.1	860.7	860.7	862.7	864.0	*866.4*	866.0	865.6
5°	854.5	854.1	857.4	861.1	864.0	868.9	875.0	879.5	*885.3*	886.5	886.5
7.5°	851.7	850.4	856.2	862.7	871.7	884.0	895.9	908.2	*918.1*	921.4	922.2
10°	853.7	854.1	861.9	874.2	888.6	905.8	922.6	943.5	*957.4*	960.7	964.0
12.5°	863.1	862.3	875.4	895.1	914.8	936.5	956.2	979.2	*994.3*	1002.1	1005.4
15°	880.4	878.7	897.2	926.3	955.0	980.4	996.4	1018.1	*1035.8*	1045.6	1049.3
17.5°	900.9	901.7	925.9	963.6	1001.3	1030.0	1045.2	1056.3	*1069.8*	1078.4	1082.5
20°	936.9	938.6	965.6	1010.3	1053.4	1086.2	1098.5	1094.4	*1098.1*	1104.6	1109.6
22.5°	985.3	986.1	1016.5	1064.9	1110.0	1146.1	1154.3	1137.5	*1127.2*	1131.7	1135.0
25°	1041.5	1046.8	1077.2	1126.8	1173.1	1207.6	1211.3	1185.8	*1160.4*	1161.6	1163.7
27.5°	1110.0	1114.9	1145.7	1194.9	1242.0	1271.9	1271.5	1237.5	*1200.2*	1190.8	1193.6
30°	1184.2	1189.5	1221.1	1271.9	1315.8	1342.1	1336.3	1295.7	*1242.4*	1224.8	1226.8
32.5°	1272.4	1275.6	1307.6	1358.5	1399.1	1420.0	1408.1	1358.1	*1291.6*	1271.5	1276.5
35°	1379.0	1383.9	1407.7	1455.6	1491.3	1508.5	1488.4	1429.4	*1354.8*	1332.2	1335.5
37.5°	1500.7	1497.5	1524.5	1567.2	1596.7	1607.4	1579.9	1509.8	*1426.9*	1400.3	1405.2
40°	1627.9	1626.2	1655.7	1696.7	1712.7	1719.3	1678.7	1602.0	*1510.2*	1481.5	1490.9
42.5°	1743.1	1741.8	1781.6	1827.1	1846.4	1839.0	1787.8	1700.0	*1606.5*	1573.7	1581.9
45°	1835.3	1833.7	1882.5	1946.5	1984.2	1971.9	1903.0	1808.3	*1704.1*	1670.1	1677.9
47.5°	1906.3	1907.1	1959.6	2038.7	2104.7	2109.2	2020.7	1918.6	*1811.6*	1773.0	1784.5
50°	1957.5	1960.0	2016.2	2103.9	2194.1	2233.9	2140.8	2031.7	*1922.7*	1879.2	1892.3
52.5°	1970.2	1974.8	2042.4	2145.3	2251.5	2327.4	2263.0	2140.4	*2028.1*	1986.6	1997.3
55°	1902.6	1911.6	1997.3	2142.0	2286.8	2388.9	2370.4	2250.7	*2134.3*	2091.6	2103.5
57.5°	1747.2	1759.9	1859.9	2049.0	2279.0	2431.1	2453.7	2356.5	*2240.5*	2199.5	2208.9
60°	1529.4	1544.6	1640.6	1846.8	2169.1	2446.7	2512.3	2459.4	*2338.0*	2298.3	2306.9
62.5°	1201.0	1220.7	1335.5	1577.4	1937.0	2374.1	2562.3	2552.5	*2425.8*	2376.2	2381.9
65°	770.5	791.4	912.3	1198.1	1627.4	2151.9	2577.9	2643.1	*2518.5*	2449.2	2457.8
67.5°	464.6	474.0	533.9	726.2	1189.5	1816.9	2445.9	2743.6	*2626.7*	2540.6	2547.2
70°	297.3	302.6	338.3	426.4	672.5	1325.7	2118.7	2762.4	*2757.9*	2634.5	2633.7
72.5°	*201.7*	*203.4*	*212.8*	*252.6*	*380.5*	*753.2*	*1562.7*	*2500.8*	*2839.9*	*2755.5*	*2742.3*
75°	147.6	156.6	171.8	178.8	216.1	376.4	895.5	1757.0	*2393.4*	2430.3	2340.9
77.5°	109.9	110.3	131.2	139.4	154.2	200.5	378.9	980.8	*1486.0*	1560.2	1391.7
80°	93.1	88.2	87.7	112.4	116.0	125.1	169.3	338.7	*532.2*	322.7	244.0
82.5°	77.5	72.2	65.2	87.7	79.1	76.7	73.4	137.8	*169.3*	83.2	70.9
85°	54.1	51.7	49.2	57.4	45.1	38.5	35.3	64.4	*71.3*	35.3	31.2
87.5°	23.4	24.2	24.6	25.4	18.9	13.5	13.5	18.0	*18.0*	13.9	10.3
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)