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

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

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: P1197448

Luminaire Tested: GPC-SB1A-827-U-5WQ

Issue Date: 10/30/2025

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

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197448
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-1)
Test Lab:	INNOVATION CENTER
Issue Date:	3/15/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-827-U-5WQ
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 80 CRI, 2700K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3967 lumens
Efficiency:	N/A
Efficacy:	128.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B3 - U0 - G1

Input Watts (W):	30.9
Input Voltage (V):	120.0
Input Current (Ain):	0.263
Voltage Rise (V):	NR
Power Factor:	0.995
Total Harmonic Distortion (THDi):	6.356
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

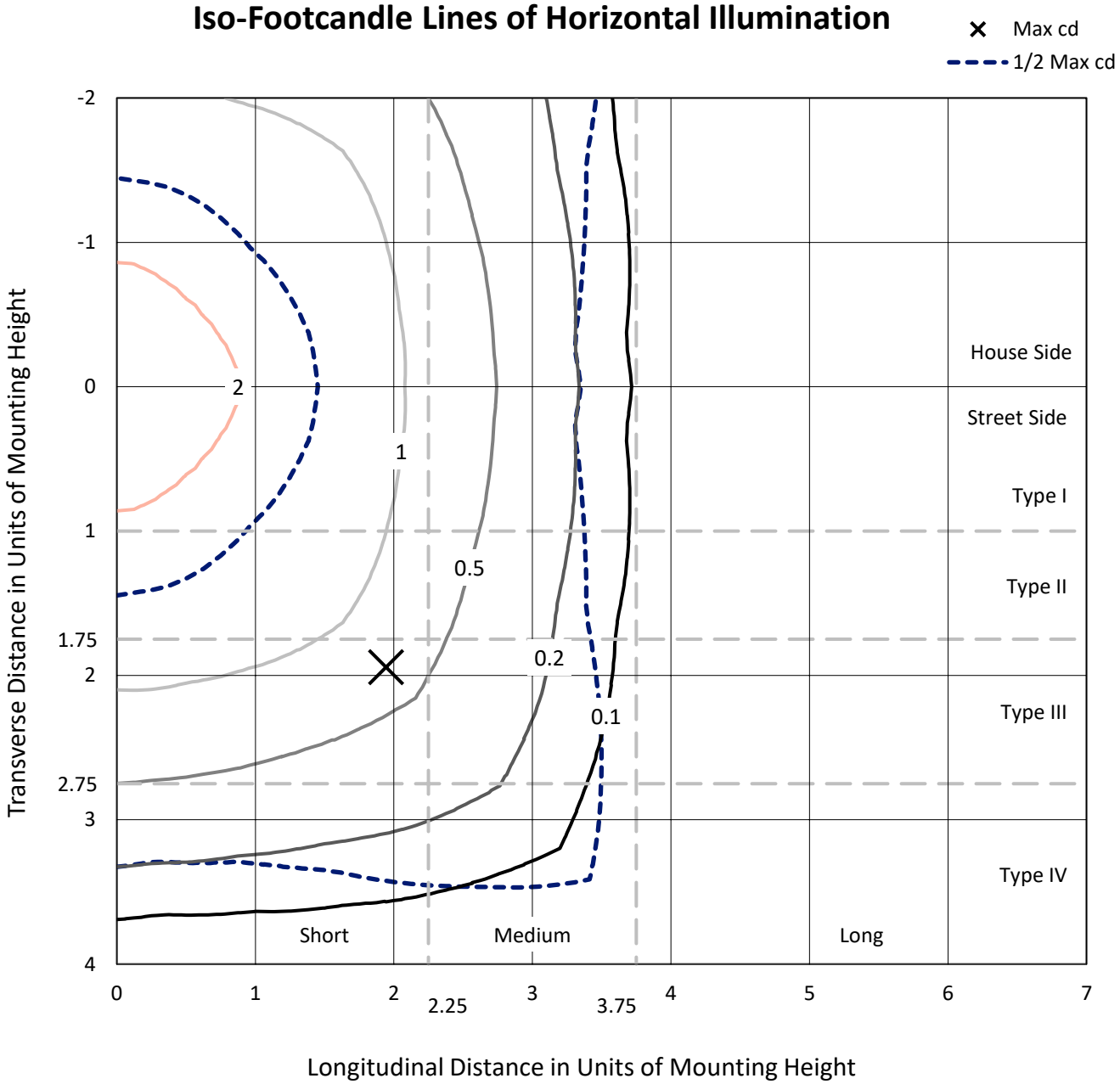


Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1197448
CATALOG NUMBER: GPC-SB1A-827-U-5WQ

Iso-Footcandle Lines of Horizontal Illumination



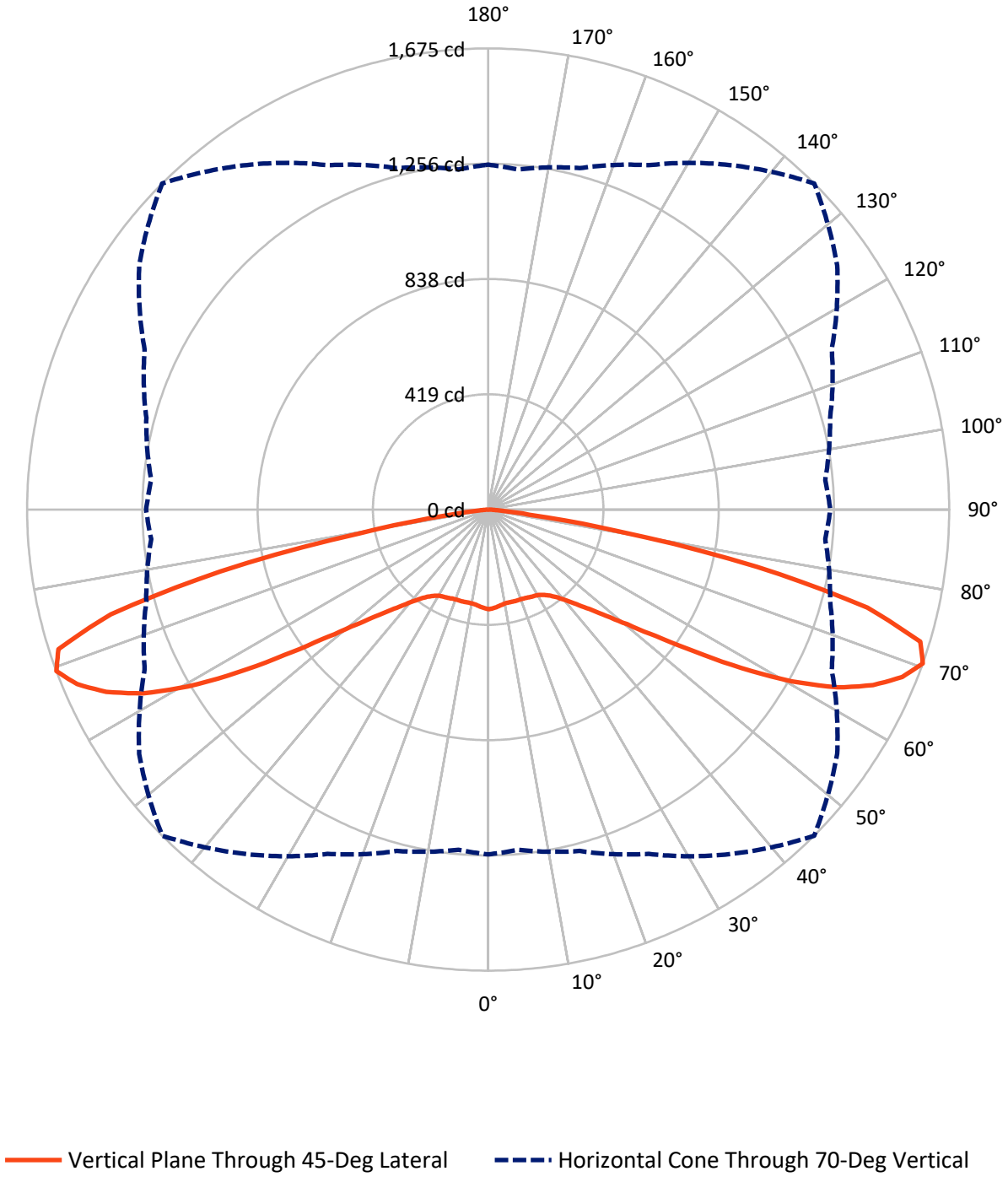
Based on 10 foot mounting height. Maximum calculated value = 3.6 fc
Type V - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1197448
CATALOG NUMBER: GPC-SB1A-827-U-5WQ

Luminous Intensity Polar Plot



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

Scaled Data Report

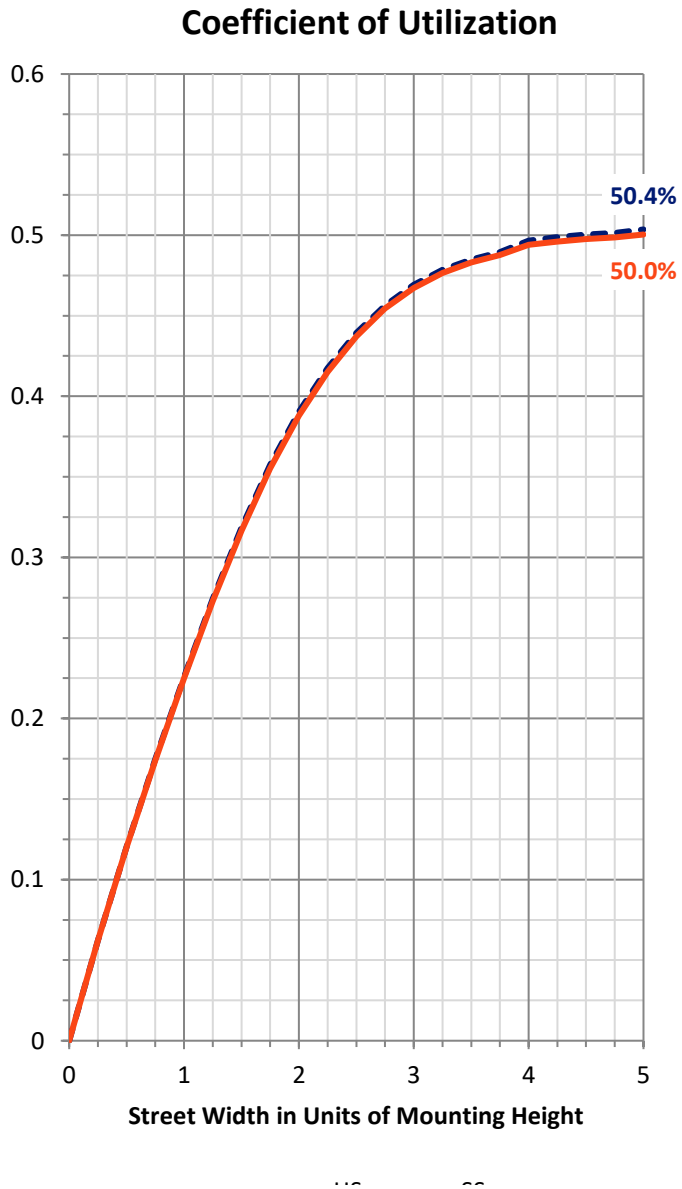
REPORT NUMBER: P1197448
CATALOG NUMBER: GPC-SB1A-827-U-5WQ

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1983.5	0.0	1983.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1983.5	0.0	1983.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3967.0	0.0	3967.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.7	0.8
10°-20°	98.8	2.5
20°-30°	164.5	4.1
30°-40°	248.7	6.3
40°-50°	413.4	10.4
50°-60°	780.0	19.7
60°-70°	1317.1	33.2
70°-80°	865.5	21.8
80°-90°	45.3	1.1
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°	3967.0	100.0
0°-180°	3967.0	100.0



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

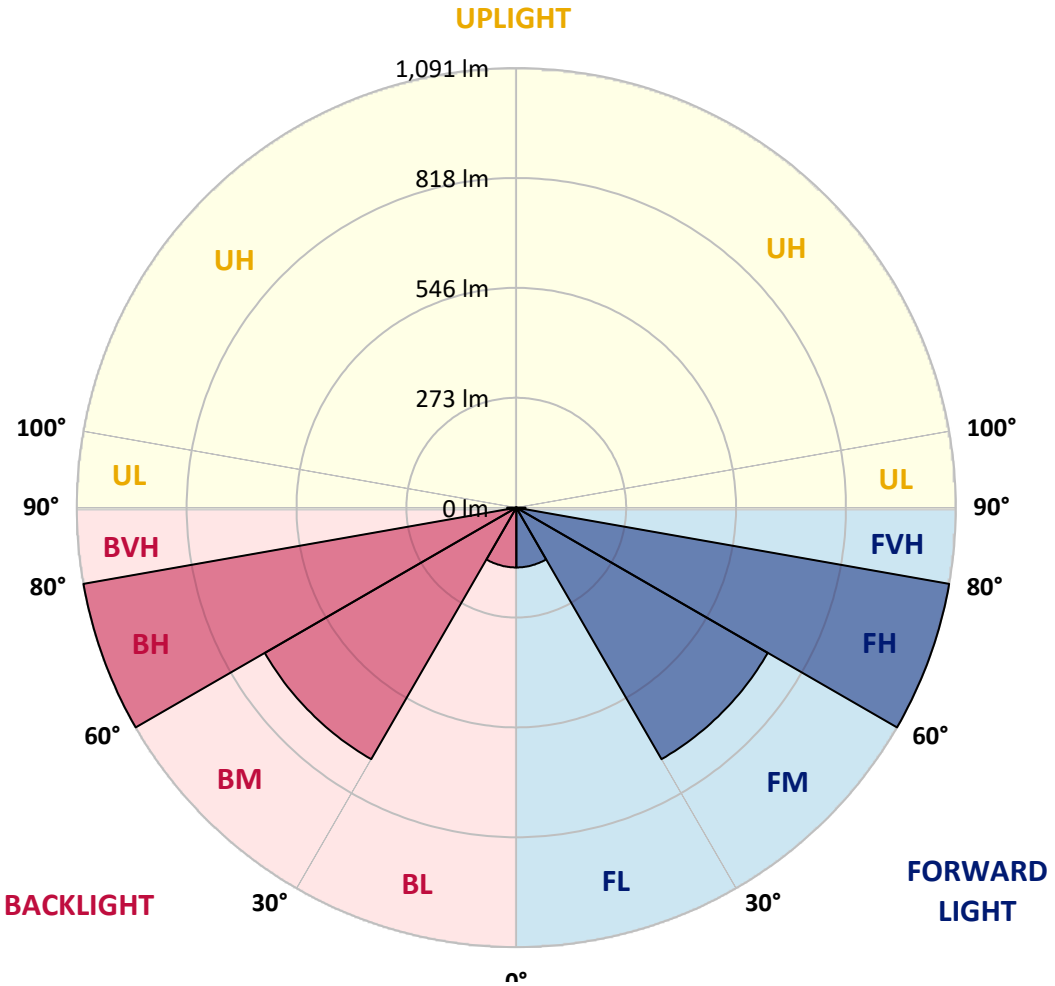
Scaled Data Report

REPORT NUMBER: P1197448
CATALOG NUMBER: GPC-SB1A-827-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	148.5	3.7			
FM	(30°-60°)	721.1	18.2			
FH	(60°-80°)	1091.3	27.5			G1/1800
FVH	(80°-90°)	22.7	0.6			G1/100
BL	(0°-30°)	148.5	3.7	B1/500		
BM	(30°-60°)	721.1	18.2	B1/1000		
BH	(60°-80°)	1091.3	27.5	B3/2500		G1/1800
BVH	(80°-90°)	22.7	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1
Type V Short



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

Scaled Data Report

REPORT NUMBER: P1197448
CATALOG NUMBER: GPC-SB1A-827-U-5WQ

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	361.9	361.9	361.9	361.9	361.9	*361.9*	361.9	361.9	361.9	361.9	361.9
2.5°	359.6	360.6	360.2	359.4	359.4	*358.8*	359.4	359.8	360.4	360.8	360.6
5°	354.9	355.7	355.5	354.9	355.1	*354.4*	354.9	355.5	355.9	356.1	356.1
7.5°	350.7	351.6	351.1	350.1	350.1	*349.5*	349.7	350.3	350.9	351.1	351.1
10°	349.7	350.5	349.3	347.6	347.0	*346.2*	346.4	347.0	348.3	348.9	348.9
12.5°	350.1	350.7	349.5	347.0	346.4	*345.6*	345.6	346.2	347.8	348.7	348.9
15°	351.4	352.0	350.1	347.4	346.8	*346.2*	346.0	346.8	348.7	350.1	350.3
17.5°	353.6	354.2	351.4	347.6	346.8	*347.0*	346.8	347.4	350.3	353.0	353.0
20°	355.7	356.1	352.2	347.6	346.8	*347.0*	346.8	348.1	351.8	355.5	355.7
22.5°	356.3	356.7	353.0	349.1	348.5	*348.7*	348.5	349.7	353.2	356.9	356.9
25°	356.5	357.1	354.2	351.1	352.2	*352.6*	352.2	352.4	355.1	358.4	358.2
27.5°	359.6	360.4	357.7	355.1	355.7	*355.5*	356.1	356.7	358.8	362.1	361.3
30°	366.0	366.6	364.3	361.7	361.3	*359.8*	361.7	363.7	366.0	368.9	368.3
32.5°	376.5	377.7	374.9	372.0	370.1	*369.3*	370.7	374.2	377.3	380.4	379.2
35°	394.0	394.9	392.2	386.8	383.5	*383.5*	384.8	389.3	394.2	398.2	396.7
37.5°	418.8	419.8	415.1	408.7	403.7	*403.7*	405.4	410.1	417.5	423.1	421.0
40°	448.9	450.3	444.3	437.7	433.0	*432.2*	434.2	439.6	446.6	453.6	451.4
42.5°	485.2	486.8	479.0	473.2	469.5	*469.5*	470.5	475.5	481.9	490.5	489.9
45°	531.6	534.5	523.7	518.0	514.5	*515.3*	515.9	520.2	526.0	535.9	535.5
47.5°	586.8	589.7	578.4	572.4	571.8	*575.7*	573.2	576.3	579.4	590.7	587.4
50°	649.5	654.5	646.6	646.2	647.4	*654.7*	648.9	650.5	647.0	654.3	649.9
52.5°	726.2	733.4	732.0	734.5	748.3	*763.1*	749.9	744.2	731.0	733.2	725.6
55°	819.2	830.1	832.2	847.0	878.4	*908.7*	880.7	857.4	829.3	824.2	816.1
57.5°	925.0	933.6	943.5	973.9	1032.4	*1086.2*	1032.4	980.9	936.7	926.2	918.8
60°	1038.8	1049.5	1059.0	1103.8	1190.8	*1266.4*	1189.1	1107.3	1048.9	1034.7	1022.3
62.5°	1161.1	1174.9	1181.5	1231.2	1332.6	*1422.9*	1334.1	1234.9	1170.2	1154.9	1142.5
65°	1278.4	1289.7	1297.2	1350.2	1447.1	*1537.6*	1453.7	1355.9	1289.3	1269.3	1259.4
67.5°	1333.0	1339.2	1357.4	1417.4	1519.6	*1623.0*	1537.0	1423.8	1349.3	1314.3	1314.7
70°	*1253.0*	*1240.5*	*1284.2*	*1380.3*	*1528.3*	*1675.3*	*1548.1*	*1377.4*	*1286.2*	*1229.3*	*1242.9*
72.5°	968.3	946.6	1022.5	1186.9	1429.3	*1641.9*	1439.2	1196.1	1069.7	954.3	982.9
75°	526.8	502.3	607.0	814.9	1139.8	*1423.2*	1166.0	838.2	675.9	522.9	556.9
77.5°	148.7	139.4	223.9	394.2	685.6	*999.2*	712.0	402.9	265.6	157.5	175.1
80°	45.6	44.1	59.8	118.8	291.1	*478.6*	279.8	120.2	76.1	48.0	50.7
82.5°	27.0	24.7	29.7	43.3	74.2	*150.3*	72.2	45.2	36.3	24.3	26.4
85°	15.5	14.4	17.5	21.0	24.9	*32.0*	20.8	21.4	19.4	13.0	13.6
87.5°	6.4	5.8	6.8	6.6	5.8	*7.4*	5.6	6.6	7.8	5.2	4.7
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

0

(END OF REPORT)