

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P595966

Luminaire Tested: **PMM-SA2A-AMB-U-SL2-HSS**

Issue Date: 4/29/2022

Test Information

Test Method: LM-79-08
Report Number: P595966
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2109-400-18)
Test Lab: INNOVATIONS CENTER
Issue Date: 4/29/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: PMM-SA2A-AMB-U-SL2-HSS
Description: POST TOP DECORATIVE LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH
AND TYPE II SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source: (32) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1370 lumens
Efficiency: N/A
Efficacy: 33.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

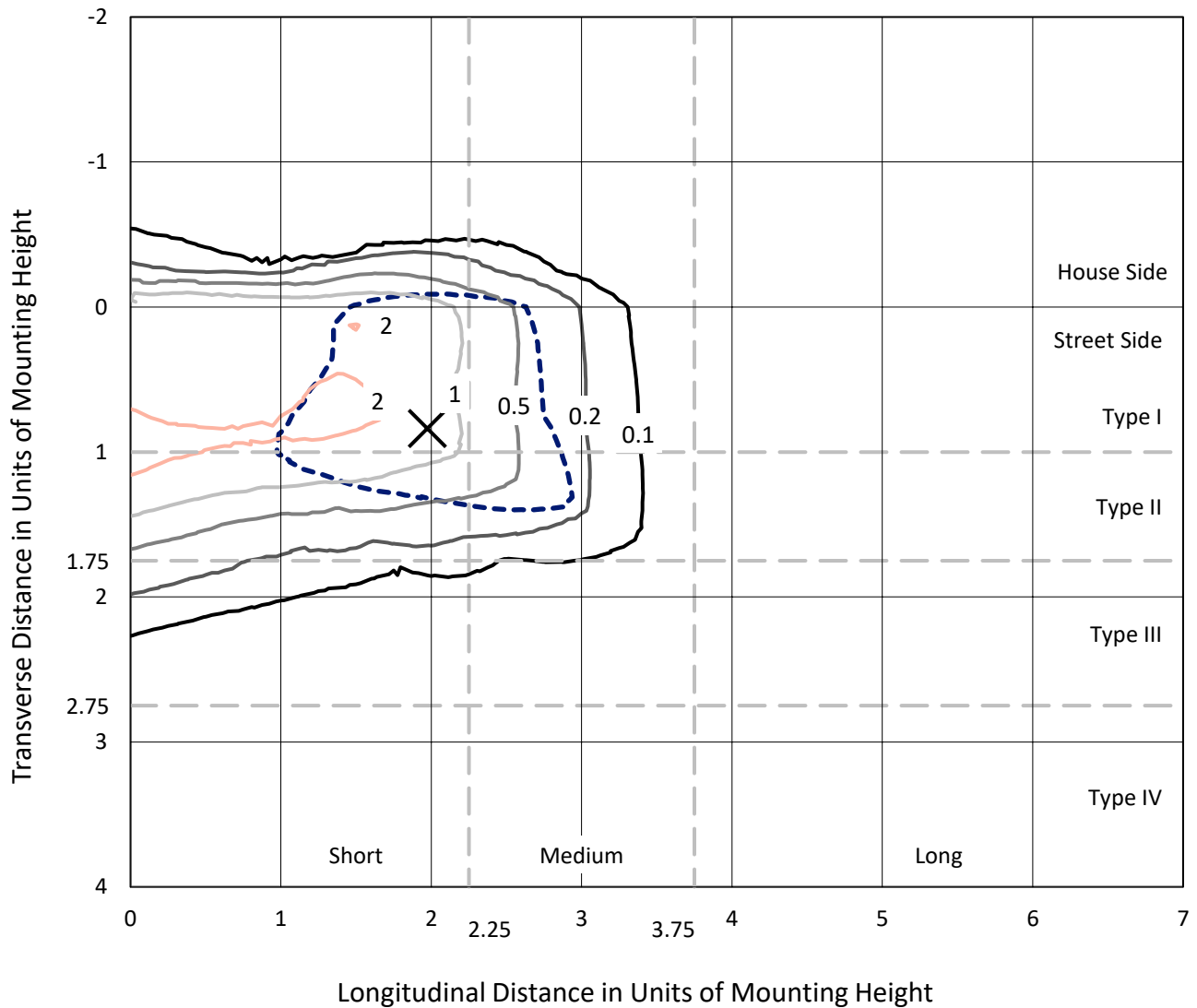
Input Watts (W): 41.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P595966
 CATALOG NUMBER: PMM-SA2A-AMB-U-SL2-HSS

Iso-Footcandle Lines of Horizontal Illumination

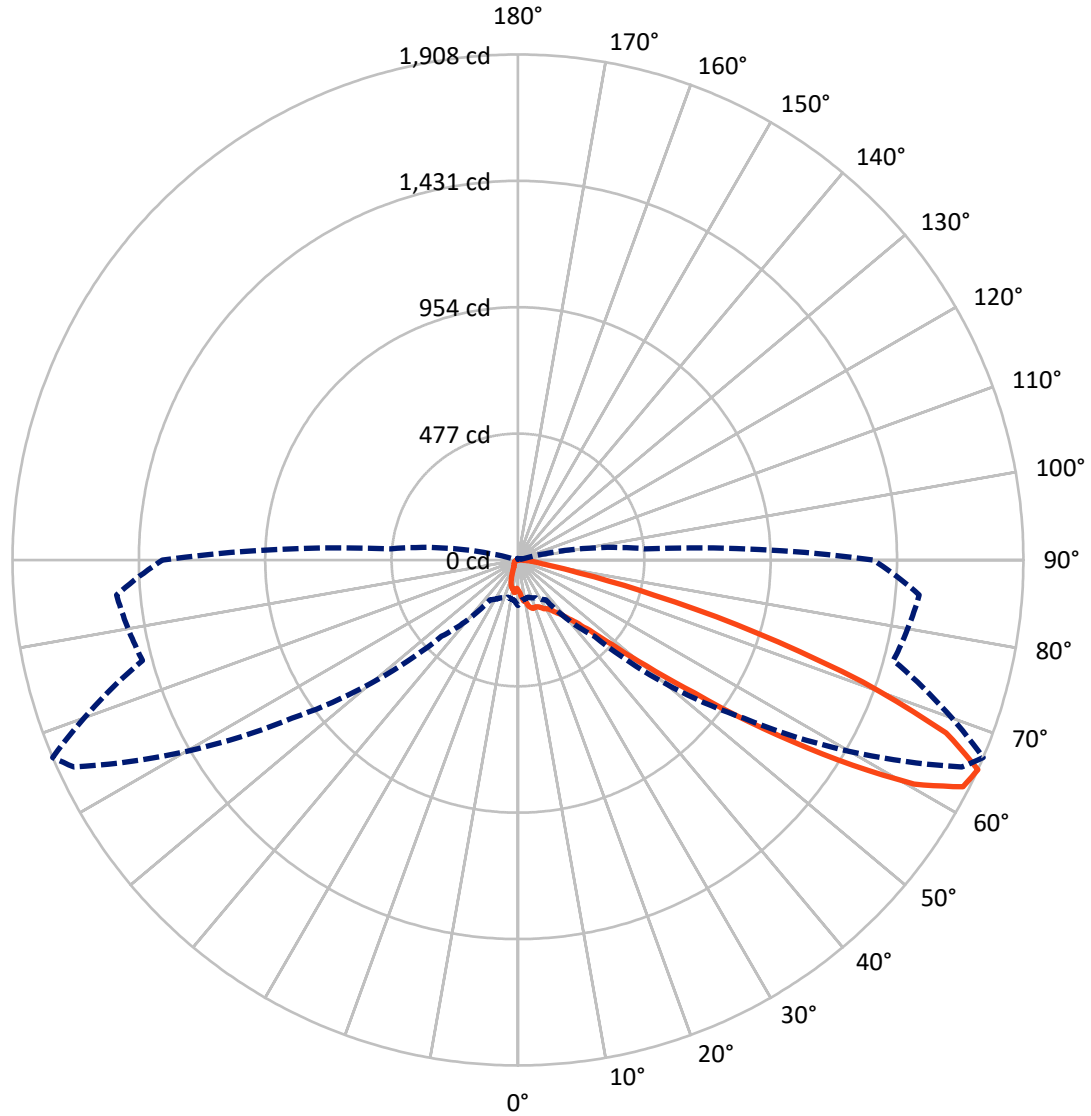
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.4 fc
 Type II - Short - N/A

REPORT NUMBER: P595966
CATALOG NUMBER: PMM-SA2A-AMB-U-SL2-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 67-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P595966
 CATALOG NUMBER: PMM-SA2A-AMB-U-SL2-HSS

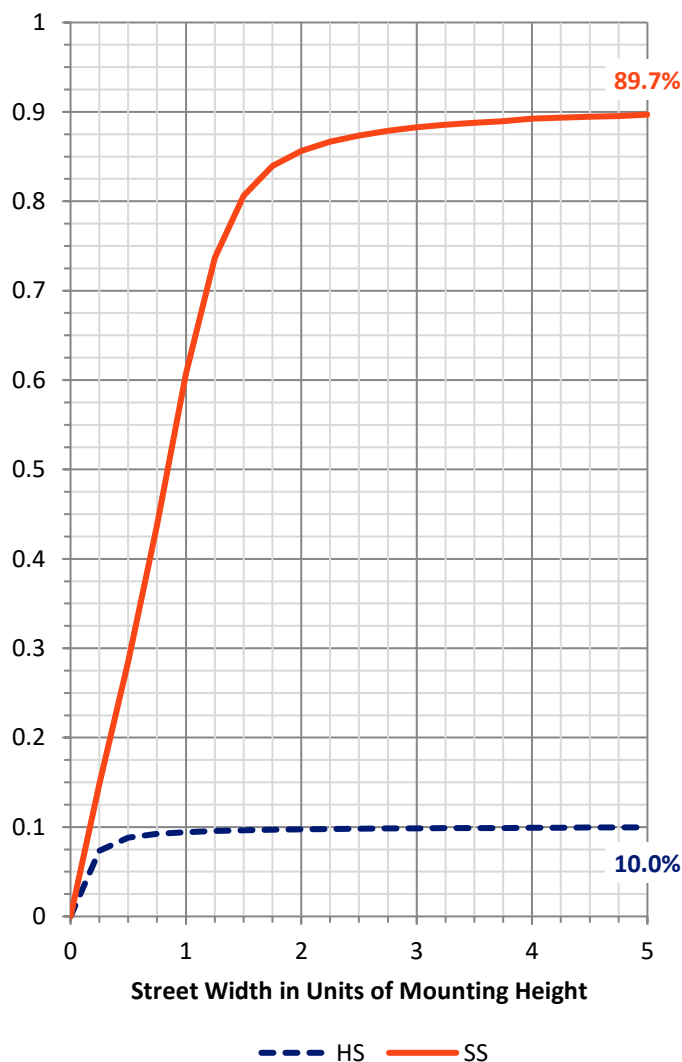
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	138.2	0.0	138.2
	% Fixture	10.1	0.0	10.1
Street Side	Lumens	1231.8	0.0	1231.8
	% Fixture	89.9	0.0	89.9
Total	Lumens	1370.0	0.0	1370.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.3	0.8
10°-20°	33.3	2.4
20°-30°	57.9	4.2
30°-40°	103.5	7.6
40°-50°	217.8	15.9
50°-60°	395.4	28.9
60°-70°	405.5	29.6
70°-80°	130.2	9.5
80°-90°	15.1	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°	1370.0	100.0
0°-180°	1370.0	100.0

Coefficient of Utilization

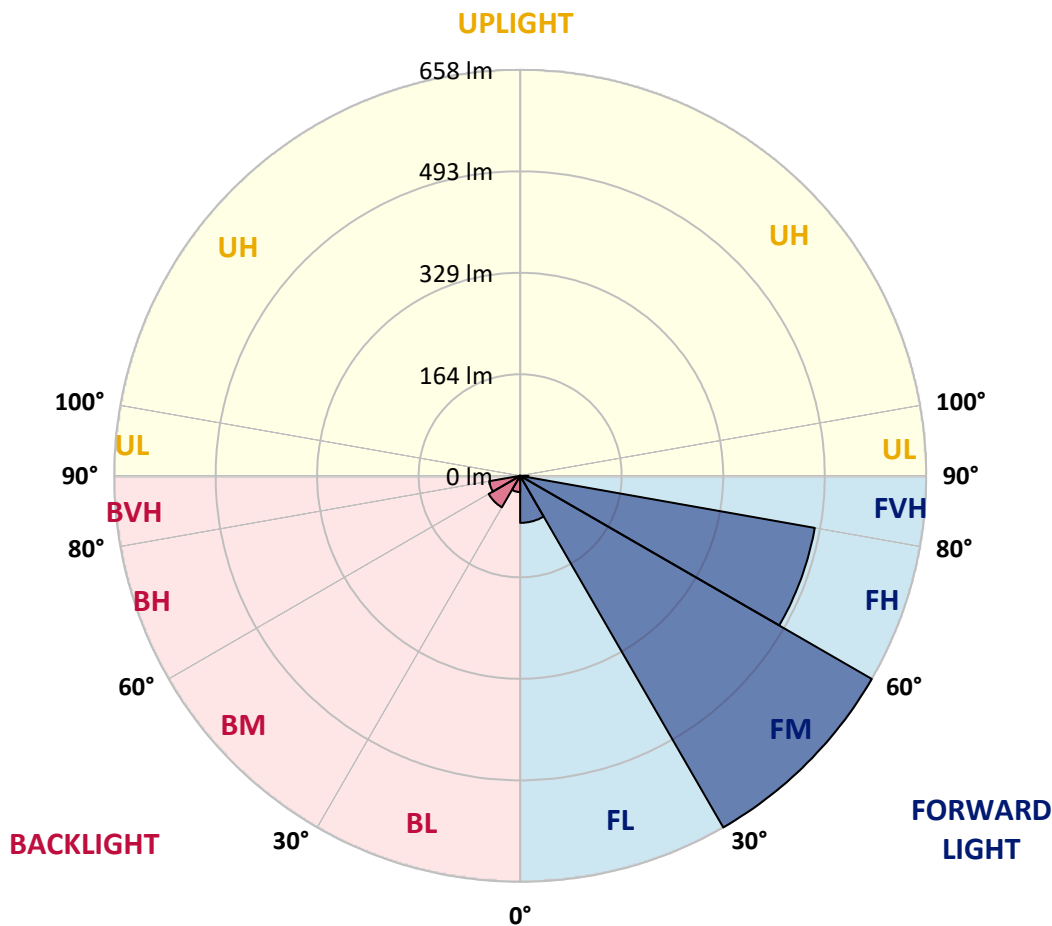


REPORT NUMBER: P595966
 CATALOG NUMBER: PMM-SA2A-AMB-U-SL2-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	76.2	5.6			
FM (30°-60°)	657.8	48.0			
FH (60°-80°)	484.6	35.4			G0/660
FVH (80°-90°)	13.2	1.0			G1/100
BL (0°-30°)	26.3	1.9	B0/110		
BM (30°-60°)	58.9	4.3	B0/220		
BH (60°-80°)	51.0	3.7	B0/110		G0/110
BVH (80°-90°)	1.9	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1
 Type II Short





REPORT NUMBER: P595966

CATALOG NUMBER: PMM-SA2A-AMB-U-SL2-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	67°	75°	85°
0°	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5
2.5°	147.5	126.9	119.8	114.5	113.9	125.7	125.1	120.4	122.7	123.9	130.4
5°	158.7	138.1	141.0	126.3	114.5	112.7	118.6	139.2	140.4	157.5	159.3
7.5°	158.7	145.1	146.9	131.6	115.6	115.6	131.6	158.1	156.4	175.8	178.8
10°	141.0	135.7	134.5	124.5	125.1	138.1	139.2	155.8	159.3	182.9	182.9
12.5°	127.4	127.4	135.7	132.2	140.4	152.2	158.7	175.8	178.2	195.9	196.5
15°	132.8	133.3	134.5	138.1	144.6	159.3	168.2	185.9	187.6	213.0	208.9
17.5°	146.3	148.1	145.7	148.7	152.8	162.3	172.3	187.6	192.3	228.9	234.8
20°	159.9	161.1	156.4	146.9	158.7	162.8	175.2	184.1	188.2	233.6	252.5
22.5°	181.1	176.4	162.8	155.2	156.9	161.1	172.3	184.7	191.8	231.9	273.2
25°	197.1	194.1	181.7	172.3	165.2	168.2	175.8	194.7	198.2	243.7	278.5
27.5°	220.7	216.5	191.8	192.9	178.2	167.6	181.1	204.7	207.7	239.5	288.5
30°	250.2	253.7	220.7	218.9	201.2	177.0	194.7	210.0	213.0	243.7	300.3
32.5°	303.9	300.3	267.9	243.1	226.6	208.3	197.7	215.9	223.0	261.4	321.0
35°	349.3	346.9	310.9	295.6	254.3	222.4	224.2	233.1	241.3	279.7	331.6
37.5°	437.2	419.5	374.1	346.9	313.3	267.3	257.8	258.4	257.2	297.4	363.4
40°	519.8	501.5	449.6	418.9	361.7	321.6	284.4	283.8	287.9	321.6	386.5
42.5°	623.6	598.3	541.6	523.3	449.0	363.4	321.0	321.0	321.0	357.5	427.2
45°	690.3	648.4	612.4	615.4	568.8	470.8	399.4	389.4	378.2	407.1	495.0
47.5°	734.0	689.1	653.7	666.1	678.5	643.1	506.8	496.2	475.5	499.7	572.3
50°	713.3	675.6	643.7	659.6	762.9	807.7	674.4	649.6	626.6	617.2	677.3
52.5°	657.3	604.8	560.5	607.1	778.2	914.5	925.7	841.4	833.7	778.2	833.7
55°	545.8	499.1	464.9	500.3	709.8	959.9	1170.0	1188.3	1122.2	998.9	1062.6
57.5°	434.2	396.5	365.2	377.6	542.8	935.8	1329.3	1532.8	1422.5	1194.8	1303.9
60°	322.7	289.7	273.2	285.6	385.3	763.5	1368.2	1783.0	1717.5	1357.6	1461.5
62.5°	235.4	208.9	194.7	195.3	262.0	555.8	1292.1	1870.3	1885.1	1465.6	1564.1
65°	172.3	152.8	145.7	158.1	183.5	407.7	1040.8	1848.5	1907.5	1466.8	1520.5
67.5°	129.8	116.8	109.2	132.8	161.1	220.1	775.9	1780.7	1742.9	1323.4	1259.7
70°	101.5	91.5	86.7	109.2	154.0	171.7	475.0	1459.1	1381.2	1012.5	903.9
72.5°	63.1	55.5	63.7	89.1	145.7	159.9	249.0	996.5	943.4	674.4	522.7
75°	33.6	30.7	37.2	61.4	127.4	155.8	157.5	585.9	531.0	359.9	238.4
77.5°	20.1	19.5	21.2	34.8	91.5	142.8	134.5	274.9	234.8	131.0	86.7
80°	10.6	9.4	13.0	20.7	47.2	133.9	116.2	134.5	100.9	36.6	28.9
82.5°	4.1	4.1	7.1	14.2	25.4	85.0	100.9	87.3	63.7	14.8	18.9
85°	1.2	1.8	4.1	8.3	12.4	34.2	76.1	56.1	41.3	8.3	11.8
87.5°	1.2	1.2	2.4	3.0	3.5	4.1	13.0	9.4	8.9	4.1	5.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P595966
 CATALOG NUMBER: PMM-SA2A-AMB-U-SL2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5
2.5°	135.7	116.2	121.0	103.8	100.9	102.7	99.1	97.9	103.8	106.8	112.7
5°	168.2	147.5	138.1	117.4	97.4	82.0	83.2	92.0	96.2	98.5	104.4
7.5°	184.7	165.2	151.0	116.2	85.0	69.6	69.0	70.8	72.0	72.6	74.9
10°	181.7	167.0	141.6	103.8	82.6	67.3	54.9	49.6	47.2	46.0	45.4
12.5°	190.6	169.9	141.0	99.1	70.8	52.5	38.9	31.3	26.6	25.4	26.0
15°	196.5	182.3	141.0	90.3	56.1	38.4	27.1	23.6	23.0	23.6	23.6
17.5°	215.9	200.6	132.2	76.7	43.1	27.1	23.6	23.0	23.0	23.6	23.0
20°	232.5	207.1	126.9	60.2	31.9	24.2	22.4	21.2	21.2	21.8	21.2
22.5°	251.9	210.0	112.1	46.6	24.8	21.8	20.1	18.9	18.9	19.5	20.1
25°	257.8	213.0	96.2	36.6	21.8	19.5	18.3	17.1	16.5	17.1	17.1
27.5°	265.5	207.7	78.5	28.9	20.7	17.7	16.5	15.3	14.2	14.8	14.8
30°	263.7	215.9	64.9	23.6	19.5	16.5	14.8	13.6	12.4	13.0	13.0
32.5°	279.7	204.7	54.3	22.4	18.3	15.3	13.6	12.4	11.8	12.4	12.4
35°	283.8	204.7	47.8	21.2	17.7	14.2	12.4	11.2	10.6	11.2	11.2
37.5°	302.7	201.8	40.7	20.7	16.5	13.6	11.8	10.6	10.0	10.6	10.6
40°	325.1	201.2	34.2	19.5	15.3	13.0	10.6	10.0	9.4	9.4	10.0
42.5°	359.3	214.8	30.1	18.9	14.2	11.8	10.0	9.4	8.9	8.9	8.9
45°	407.7	223.6	27.1	18.3	13.6	11.2	9.4	8.9	8.3	8.3	8.3
47.5°	460.2	230.1	26.0	17.1	13.0	10.6	8.9	8.3	7.7	7.7	7.7
50°	536.9	249.6	24.8	15.9	12.4	10.6	8.9	7.7	7.1	6.5	6.5
52.5°	673.8	286.7	23.0	14.8	11.8	10.0	8.3	7.1	6.5	6.5	6.5
55°	882.1	381.7	21.8	13.6	11.2	9.4	7.7	6.5	5.9	5.9	5.9
57.5°	1102.1	467.3	20.1	13.0	10.0	8.3	7.1	6.5	5.9	5.3	5.3
60°	1279.7	528.6	18.3	11.2	9.4	7.7	6.5	5.9	5.3	5.3	4.7
62.5°	1383.6	534.0	16.5	10.6	8.9	7.1	5.9	5.9	5.3	4.7	4.1
65°	1341.7	481.4	14.8	9.4	7.7	6.5	5.9	5.3	5.3	4.7	4.1
67.5°	1152.3	410.1	13.0	8.9	7.1	6.5	5.3	5.3	4.7	4.7	3.5
70°	830.7	305.6	11.8	8.3	7.1	5.9	5.3	5.3	4.7	4.7	3.5
72.5°	476.1	174.1	10.6	7.7	6.5	5.3	5.9	5.9	5.3	4.7	3.5
75°	226.6	63.1	9.4	7.1	5.9	5.3	5.9	5.9	5.3	4.7	3.5
77.5°	69.6	24.2	8.3	6.5	5.3	4.7	5.9	5.3	4.7	3.5	3.0
80°	24.8	10.6	6.5	5.3	4.7	3.0	4.7	4.7	4.1	3.5	2.4
82.5°	17.7	6.5	5.3	4.7	3.5	1.8	4.1	4.1	4.1	3.5	2.4
85°	10.6	4.1	4.1	4.1	3.5	1.8	3.5	3.5	3.5	3.5	2.4
87.5°	3.0	3.5	4.1	3.5	3.0	1.8	3.5	3.5	3.5	3.5	2.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)