

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: INVUE

Report Number: P553756

Luminaire Tested: **LXS-VA3-730-U-ASC-C**

Issue Date: 7/13/2021

Test Information

Test Method: LM-79-08
Report Number: P553756
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1803-687-8-R2)
Test Lab: INNOVATION CENTER
Issue Date: 7/13/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: LXS-VA3-730-U-ASC-C
Description: LUXESCAPE OUTDOOR ARCHITECTURAL LUMINAIRE
70 CRI, 3000K LEDS AND TYPE II OPTIC, CANTILEVER MOUNT
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6414 lumens
Efficiency: N/A
Efficacy: 64.8 lumens/watt
Luminous Opening: Circular (Dia: 1.62' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G3

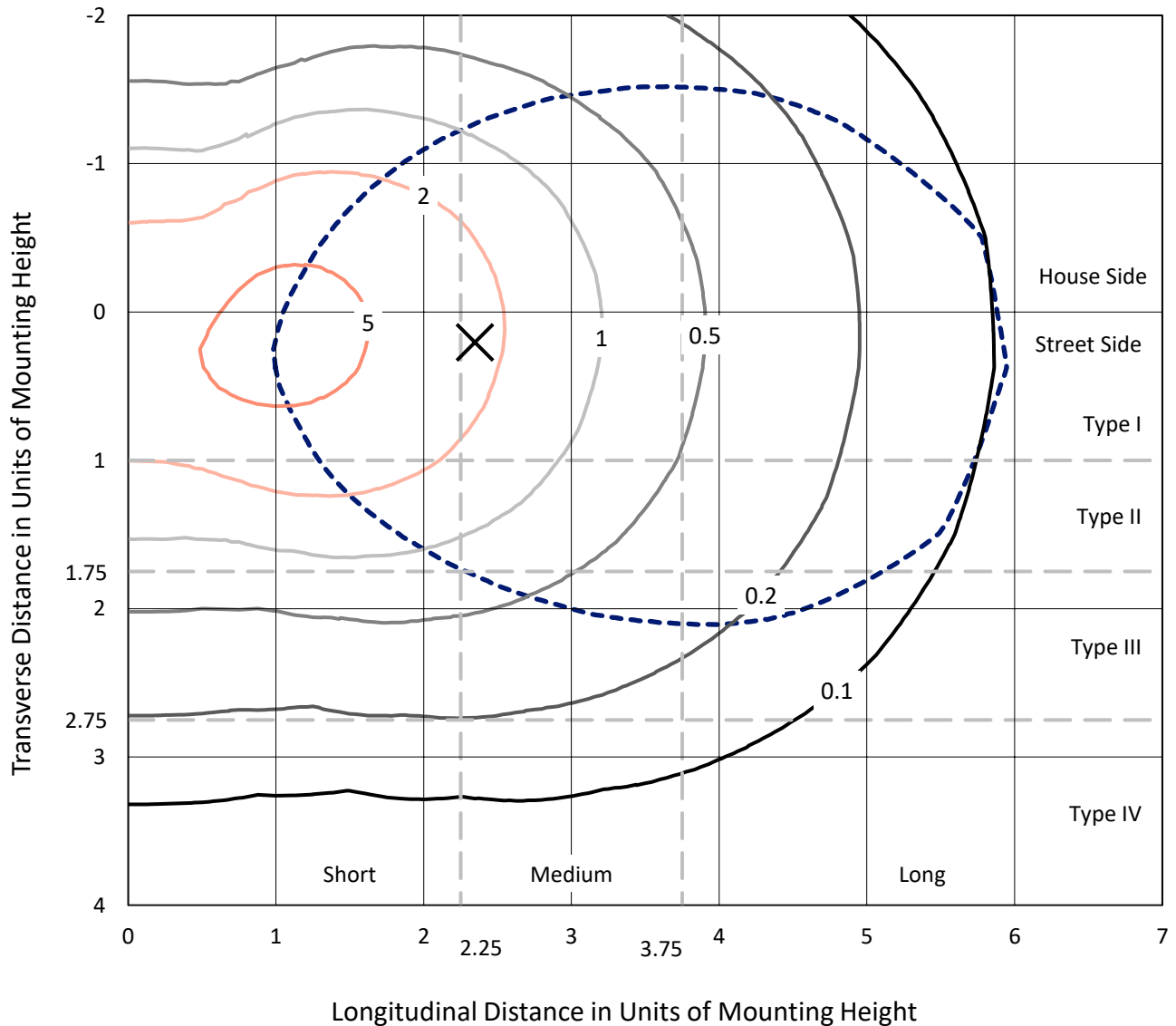
Input Watts (W): 99
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P553756
 CATALOG NUMBER: LXS-VA3-730-U-ASC-C

Iso-Footcandle Lines of Horizontal Illumination

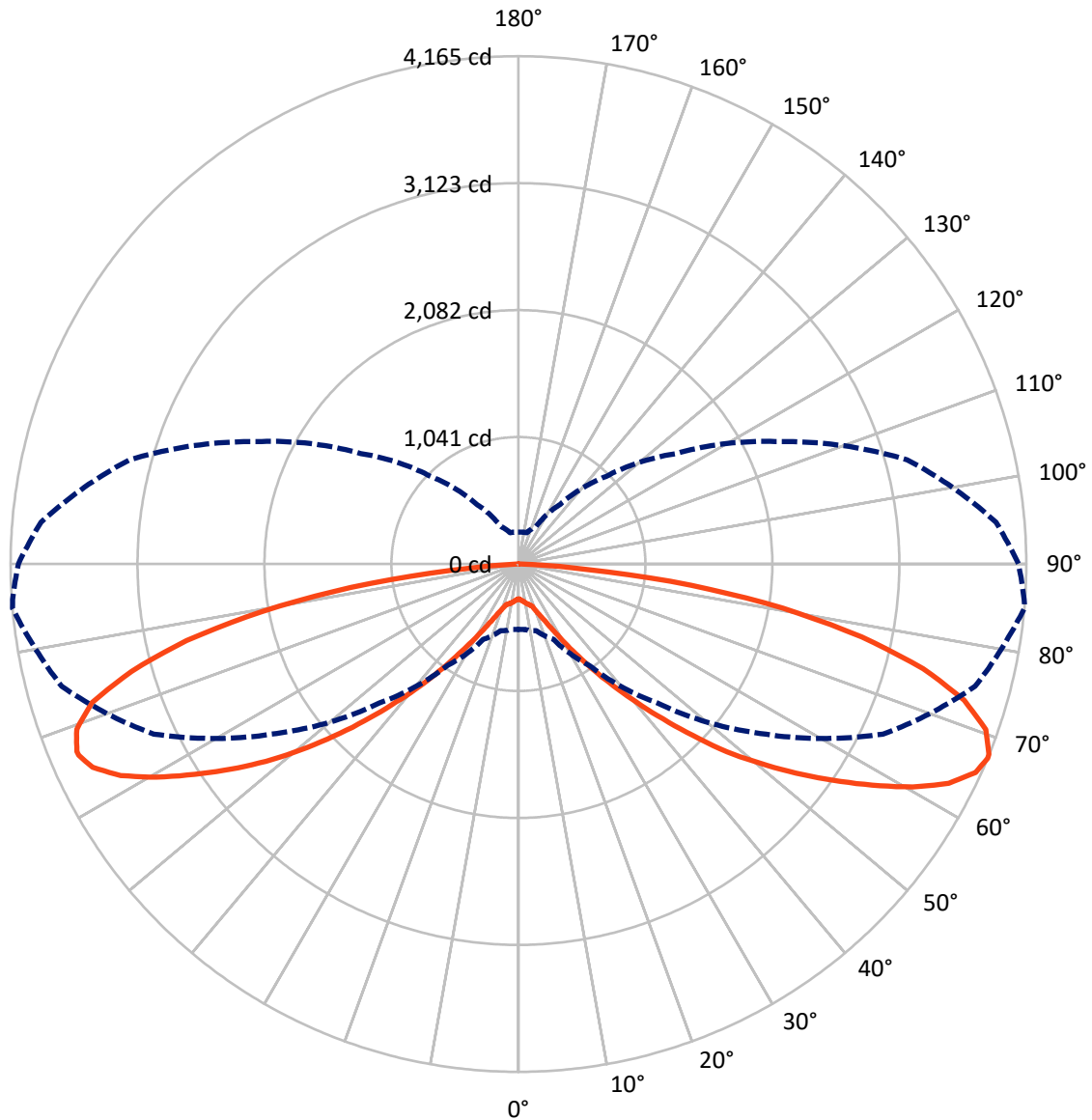
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.2 fc
 Type III - Medium - N/A

REPORT NUMBER: P553756
CATALOG NUMBER: LXS-VA3-730-U-ASC-C

Luminous Intensity Polar Plot



— Vertical Plane Through 85-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

REPORT NUMBER: P553756

CATALOG NUMBER: LXS-VA3-730-U-ASC-C

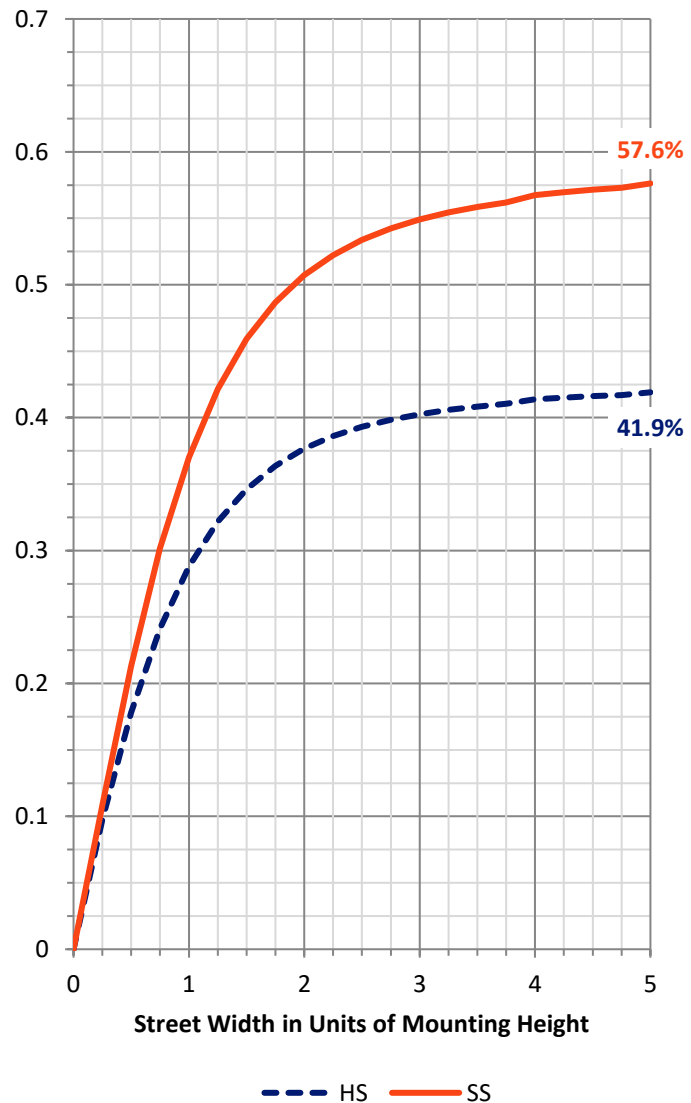
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2700.4	0.0	2700.4
	% Fixture	42.1	0.0	42.1
Street Side	Lumens	3713.6	0.0	3713.6
	% Fixture	57.9	0.0	57.9
Total	Lumens	6414.0	0.0	6414.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.9	0.5
10°-20°	95.9	1.5
20°-30°	208.1	3.2
30°-40°	431.2	6.7
40°-50°	804.2	12.5
50°-60°	1305.5	20.4
60°-70°	1725.1	26.9
70°-80°	1463.8	22.8
80°-90°	351.2	5.5
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°	6414.0	100.0
0°-180°	6414.0	100.0



REPORT NUMBER: P553756

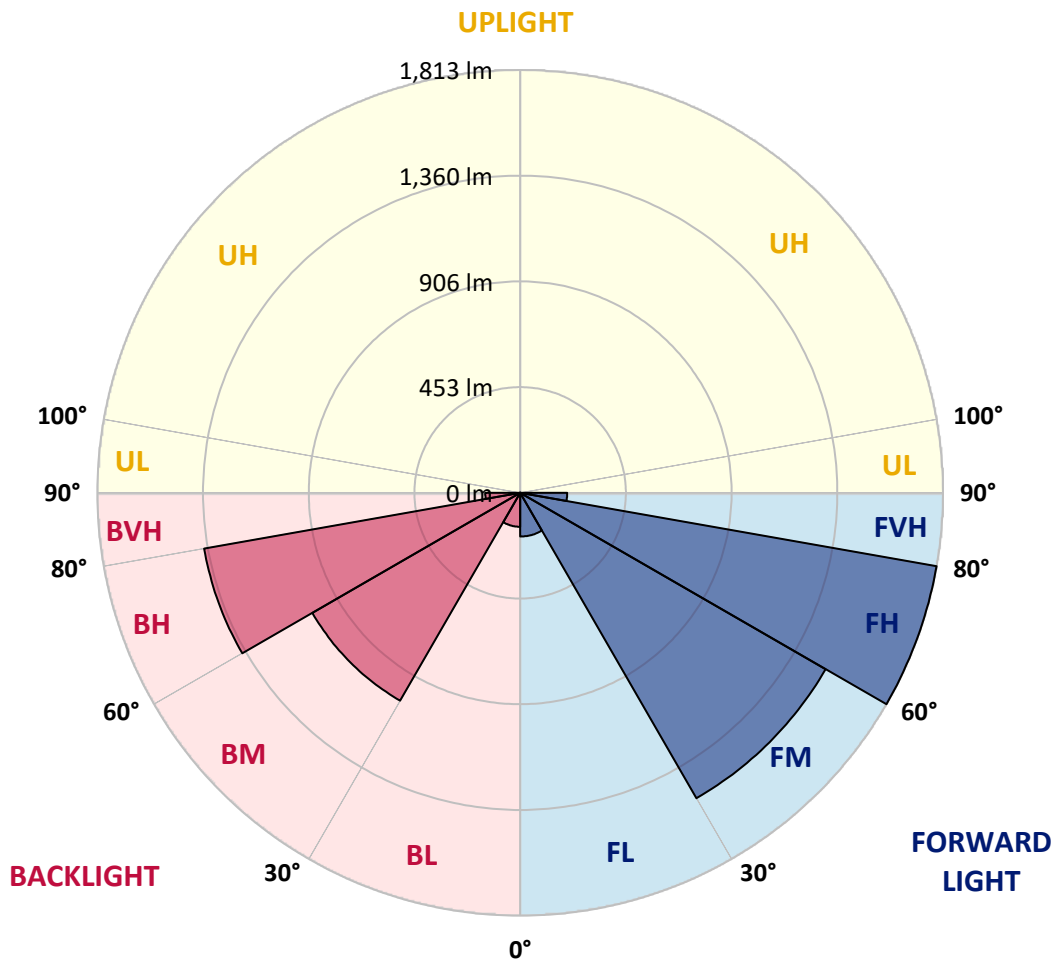
CATALOG NUMBER: LXS-VA3-730-U-ASC-C

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	187.3	2.9			
FM (30°-60°)	1512.0	23.6			
FH (60°-80°)	1812.9	28.3			G2/5000
FVH (80°-90°)	201.5	3.1			G2/225
BL (0°-30°)	145.7	2.3	B1/500		
BM (30°-60°)	1028.9	16.0	B2/2500		
BH (60°-80°)	1376.0	21.5	B3/2500		G3/2500
BVH (80°-90°)	149.8	2.3			G2/225
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





REPORT NUMBER: P553756
 CATALOG NUMBER: LXS-VA3-730-U-ASC-C

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	86°
0°	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1
2.5°	291.5	294.7	294.7	294.7	294.7	294.7	291.5	291.5	291.5	291.5	291.5
5°	304.3	304.3	304.3	304.3	304.3	304.3	304.3	301.1	301.1	301.1	301.1
7.5°	310.7	310.7	310.7	314.0	317.2	317.2	317.2	314.0	310.7	310.7	310.7
10°	314.0	314.0	317.2	320.4	326.8	330.0	330.0	330.0	323.6	323.6	323.6
12.5°	326.8	326.8	326.8	333.2	339.6	346.0	349.2	349.2	339.6	336.4	336.4
15°	339.6	339.6	342.8	349.2	358.8	365.2	365.2	368.4	358.8	349.2	346.0
17.5°	358.8	358.8	362.0	371.6	384.4	387.6	387.6	387.6	378.0	362.0	362.0
20°	387.6	387.6	394.0	403.7	416.5	426.1	435.7	432.5	426.1	406.9	403.7
22.5°	403.7	406.9	416.5	432.5	454.9	470.9	493.4	493.4	490.1	461.3	461.3
25°	419.7	419.7	429.3	454.9	493.4	525.4	567.0	576.6	567.0	531.8	528.6
27.5°	442.1	442.1	454.9	480.5	528.6	589.5	647.1	685.6	676.0	621.5	615.1
30°	467.7	467.7	483.7	519.0	570.2	656.7	746.4	820.1	816.9	749.6	746.4
32.5°	496.6	496.6	512.6	551.0	624.7	720.8	855.4	954.7	970.7	900.2	900.2
35°	535.0	538.2	554.2	589.5	679.2	804.1	970.7	1098.8	1137.3	1073.2	1066.8
37.5°	547.8	551.0	576.6	634.3	730.4	906.6	1089.2	1262.2	1332.7	1268.6	1255.8
40°	557.4	560.6	586.3	656.7	784.9	989.9	1214.2	1444.8	1550.5	1489.7	1473.6
42.5°	567.0	570.2	595.9	669.5	832.9	1063.6	1342.3	1640.2	1790.8	1736.3	1720.3
45°	567.0	570.2	602.3	682.4	871.4	1134.1	1480.1	1832.4	2037.5	2005.4	1992.6
47.5°	567.0	570.2	605.5	701.6	897.0	1217.4	1617.8	2024.7	2274.5	2300.2	2271.3
50°	583.1	589.5	621.5	714.4	945.1	1307.1	1752.4	2220.1	2514.8	2569.3	2550.0
52.5°	586.3	589.5	627.9	730.4	989.9	1390.4	1890.1	2418.7	2767.9	2848.0	2822.3
55°	608.7	608.7	640.7	752.8	1025.1	1473.6	2037.5	2620.5	3046.6	3129.9	3113.9
57.5°	611.9	618.3	647.1	762.5	1060.4	1563.3	2197.7	2828.8	3306.1	3421.4	3399.0
60°	602.3	605.5	640.7	756.0	1079.6	1627.4	2329.0	3033.8	3533.5	3712.9	3690.5
62.5°	583.1	586.3	621.5	743.2	1076.4	1653.0	2415.5	3194.0	3712.9	3959.6	3937.2
65°	560.6	563.8	595.9	714.4	1050.8	1643.4	2441.1	3286.9	3841.1	4119.8	4110.2
67°	535.0	538.2	567.0	682.4	1015.5	1611.4	2421.9	3299.7	3876.3	4164.6	4158.2
67.5°	525.4	531.8	560.6	672.8	1005.9	1598.6	2409.1	3293.3	3876.3	4161.4	4158.2
70°	483.7	486.9	515.8	618.3	941.9	1518.5	2316.2	3190.8	3802.6	4065.3	4071.7
72.5°	432.5	435.7	458.1	554.2	858.6	1396.8	2159.2	2988.9	3581.6	3821.9	3837.9
75°	374.8	378.0	397.2	483.7	740.0	1230.2	1928.6	2671.8	3229.2	3427.8	3424.6
77.5°	310.7	310.7	326.8	394.0	611.9	1021.9	1624.2	2252.1	2719.8	2876.8	2876.8
80°	237.1	240.3	253.1	294.7	461.3	768.9	1252.6	1752.4	2088.7	2197.7	2223.3
82.5°	157.0	160.2	169.8	189.0	297.9	499.8	820.1	1159.7	1371.1	1425.6	1444.8
85°	76.9	70.5	76.9	86.5	128.1	201.8	339.6	458.1	570.2	563.8	595.9
87.5°	12.8	12.8	12.8	12.8	12.8	9.6	9.6	9.6	9.6	6.4	6.4
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: P553756
 CATALOG NUMBER: LXS-VA3-730-U-ASC-C

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1	285.1
2.5°	291.5	291.5	291.5	291.5	291.5	291.5	291.5	288.3	288.3	288.3	288.3
5°	301.1	297.9	297.9	297.9	294.7	291.5	291.5	288.3	288.3	288.3	285.1
7.5°	310.7	310.7	307.5	301.1	297.9	294.7	294.7	291.5	291.5	291.5	291.5
10°	320.4	320.4	314.0	310.7	304.3	301.1	301.1	297.9	294.7	291.5	291.5
12.5°	333.2	330.0	320.4	314.0	310.7	310.7	304.3	297.9	294.7	291.5	291.5
15°	342.8	339.6	323.6	314.0	310.7	307.5	304.3	297.9	294.7	294.7	294.7
17.5°	355.6	349.2	326.8	317.2	310.7	307.5	307.5	304.3	301.1	297.9	297.9
20°	394.0	384.4	355.6	336.4	323.6	320.4	320.4	310.7	301.1	301.1	301.1
22.5°	445.3	429.3	387.6	358.8	339.6	336.4	326.8	314.0	307.5	304.3	304.3
25°	515.8	490.1	438.9	390.8	362.0	349.2	336.4	323.6	314.0	310.7	310.7
27.5°	592.7	567.0	503.0	438.9	394.0	365.2	349.2	333.2	317.2	310.7	310.7
30°	708.0	669.5	579.8	496.6	426.1	384.4	362.0	339.6	323.6	317.2	317.2
32.5°	848.9	794.5	666.3	563.8	470.9	406.9	371.6	349.2	330.0	323.6	320.4
35°	1012.3	945.1	781.7	631.1	512.6	432.5	381.2	355.6	330.0	320.4	320.4
37.5°	1207.7	1130.9	925.8	724.0	570.2	458.1	394.0	358.8	333.2	326.8	326.8
40°	1416.0	1332.7	1089.2	848.9	637.5	490.1	406.9	365.2	339.6	330.0	330.0
42.5°	1656.2	1553.7	1281.4	986.7	720.8	541.4	426.1	371.6	339.6	330.0	326.8
45°	1918.9	1803.6	1473.6	1130.9	826.5	595.9	451.7	371.6	342.8	333.2	330.0
47.5°	2197.7	2069.5	1685.1	1291.0	925.8	643.9	474.1	371.6	346.0	333.2	330.0
50°	2486.0	2348.2	1909.3	1454.4	1038.0	701.6	493.4	374.8	342.8	330.0	326.8
52.5°	2777.5	2626.9	2159.2	1630.6	1146.9	772.1	515.8	378.0	339.6	330.0	326.8
55°	3069.0	2896.0	2412.3	1803.6	1262.2	848.9	544.6	378.0	339.6	326.8	323.6
57.5°	3341.3	3165.1	2671.8	1970.2	1367.9	909.8	563.8	381.2	330.0	317.2	314.0
60°	3632.9	3443.8	2902.4	2130.4	1457.6	961.1	579.8	378.0	314.0	310.7	307.5
62.5°	3866.7	3693.7	3091.4	2255.3	1521.7	996.3	595.9	368.4	301.1	297.9	297.9
65°	4039.7	3869.9	3238.8	2345.0	1569.8	1018.7	602.3	352.4	281.9	278.7	278.7
67°	4100.6	3930.8	3299.7	2373.8	1579.4	1015.5	599.1	339.6	265.9	262.7	262.7
67.5°	4103.8	3934.0	3306.1	2373.8	1579.4	1012.3	595.9	339.6	262.7	259.5	259.5
70°	4033.3	3866.7	3267.6	2332.2	1540.9	973.9	567.0	317.2	237.1	233.9	237.1
72.5°	3809.0	3677.7	3091.4	2220.1	1441.6	900.2	525.4	288.3	211.4	208.2	208.2
75°	3411.8	3293.3	2780.7	1989.4	1287.8	788.1	464.5	259.5	185.8	176.2	179.4
77.5°	2864.0	2793.5	2332.2	1688.3	1070.0	653.5	387.6	217.8	150.6	141.0	144.2
80°	2181.6	2136.8	1758.8	1297.4	797.7	486.9	294.7	173.0	112.1	102.5	108.9
82.5°	1403.2	1387.1	1150.1	826.5	483.7	294.7	185.8	112.1	73.7	64.1	70.5
85°	551.0	560.6	422.9	288.3	169.8	86.5	64.1	48.1	35.2	25.6	25.6
87.5°	3.2	3.2	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
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)