

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: P675368

Luminaire Tested: **CCW-SA-1C-722-U-SL2**

Issue Date: 04/25/2023

Test Information

Test Method: LM-79-08
Report Number: P675368
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/25/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCW-SA-1C-722-U-SL2
Description: INVUE CLEAR CURVE Wall Pack MOUNT LIGHT SQUARE LUMINAIRE @615mA w/
SL2 distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

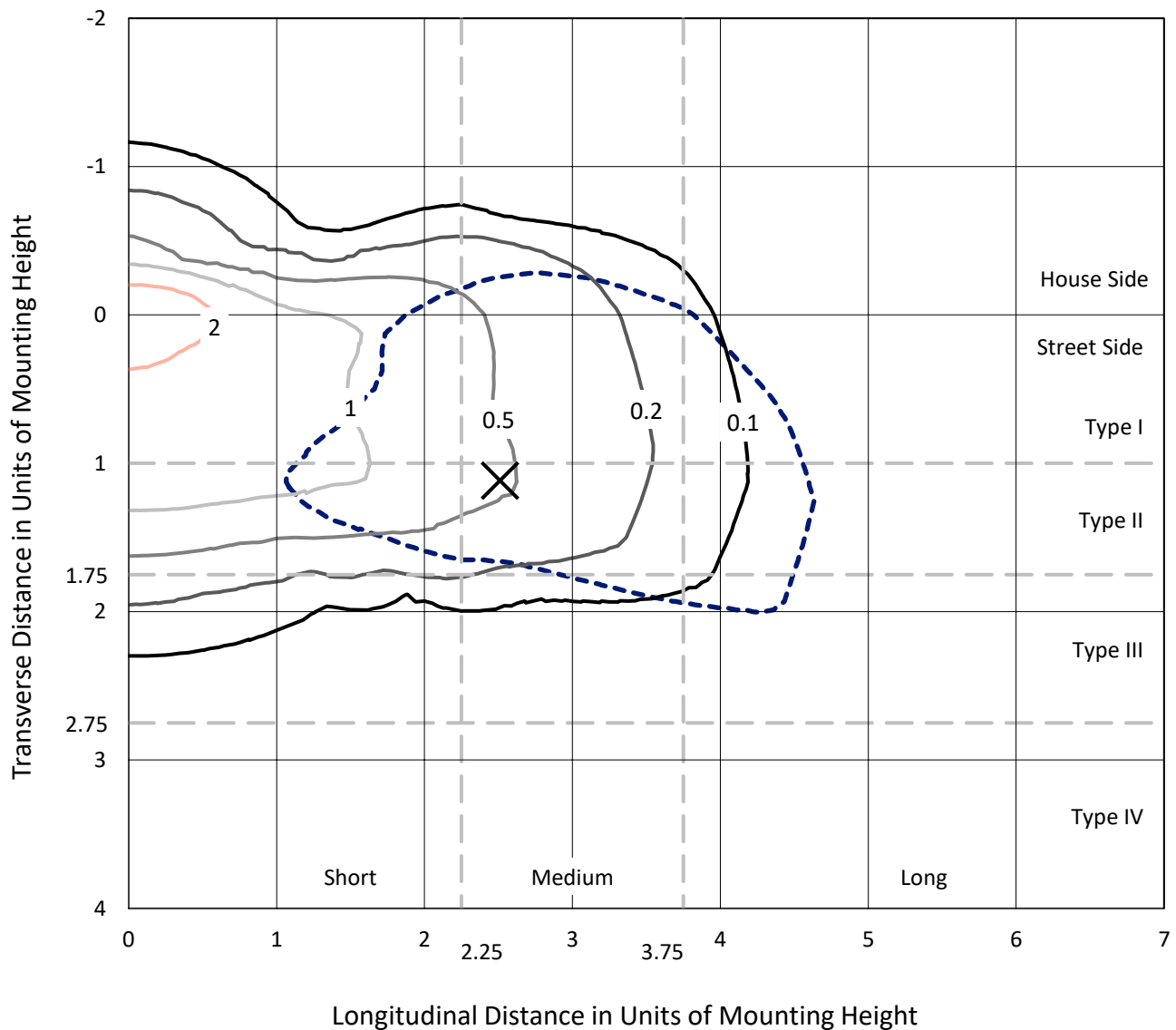
Lumens per Lamp: N/A
Luminaire Lumens: 3296 lumens
Efficiency: N/A
Efficacy: 103.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 32
Input Voltage (V): 120
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: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

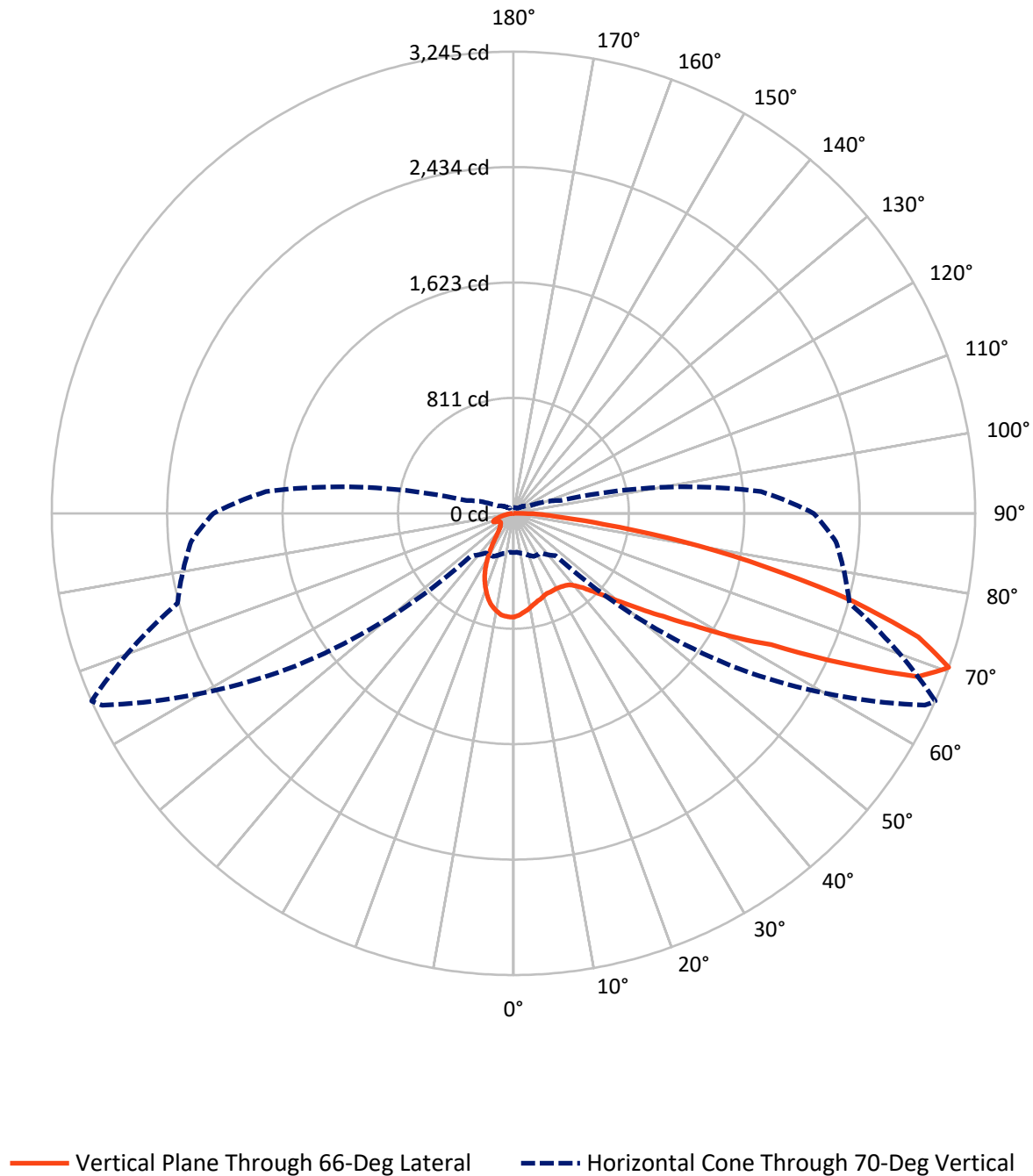
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.2 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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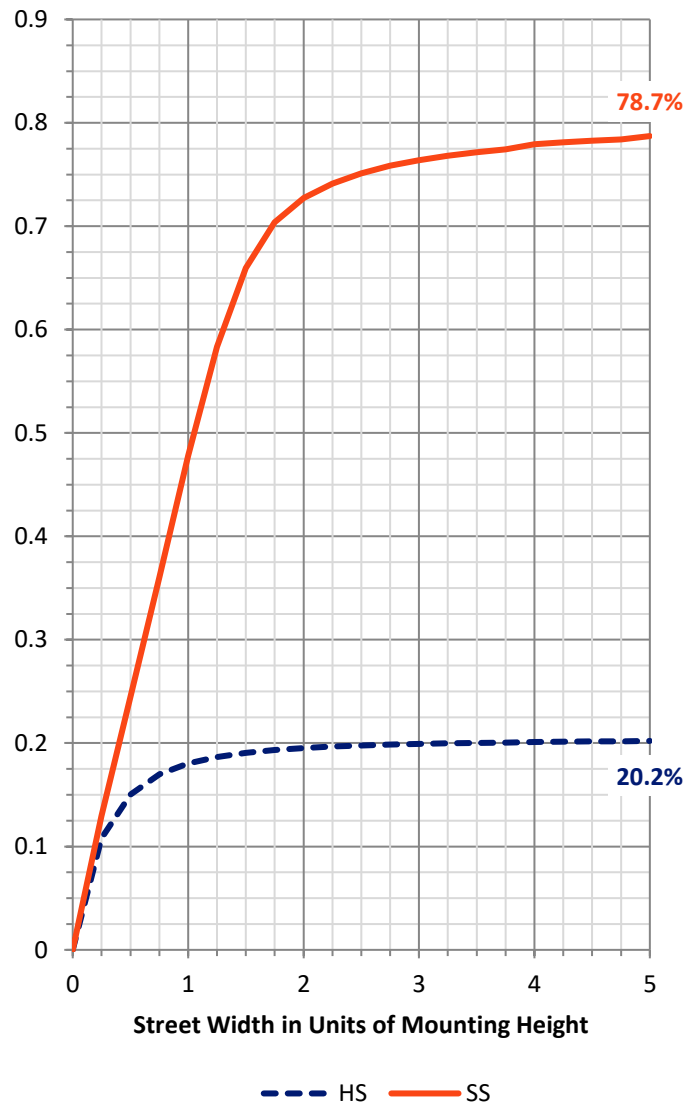
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	674.7	0.0	674.7
	% Fixture	20.5	0.0	20.5
Street Side	Lumens	2621.4	0.0	2621.4
	% Fixture	79.5	0.0	79.5
Total	Lumens	3296.0	0.0	3296.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.4	2.0
10°-20°	158.5	4.8
20°-30°	217.7	6.6
30°-40°	291.9	8.9
40°-50°	423.5	12.8
50°-60°	643.7	19.5
60°-70°	795.0	24.1
70°-80°	591.2	17.9
80°-90°	110.3	3.3
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°	3296.0	100.0
0°-180°	3296.0	100.0

Coefficient of Utilization



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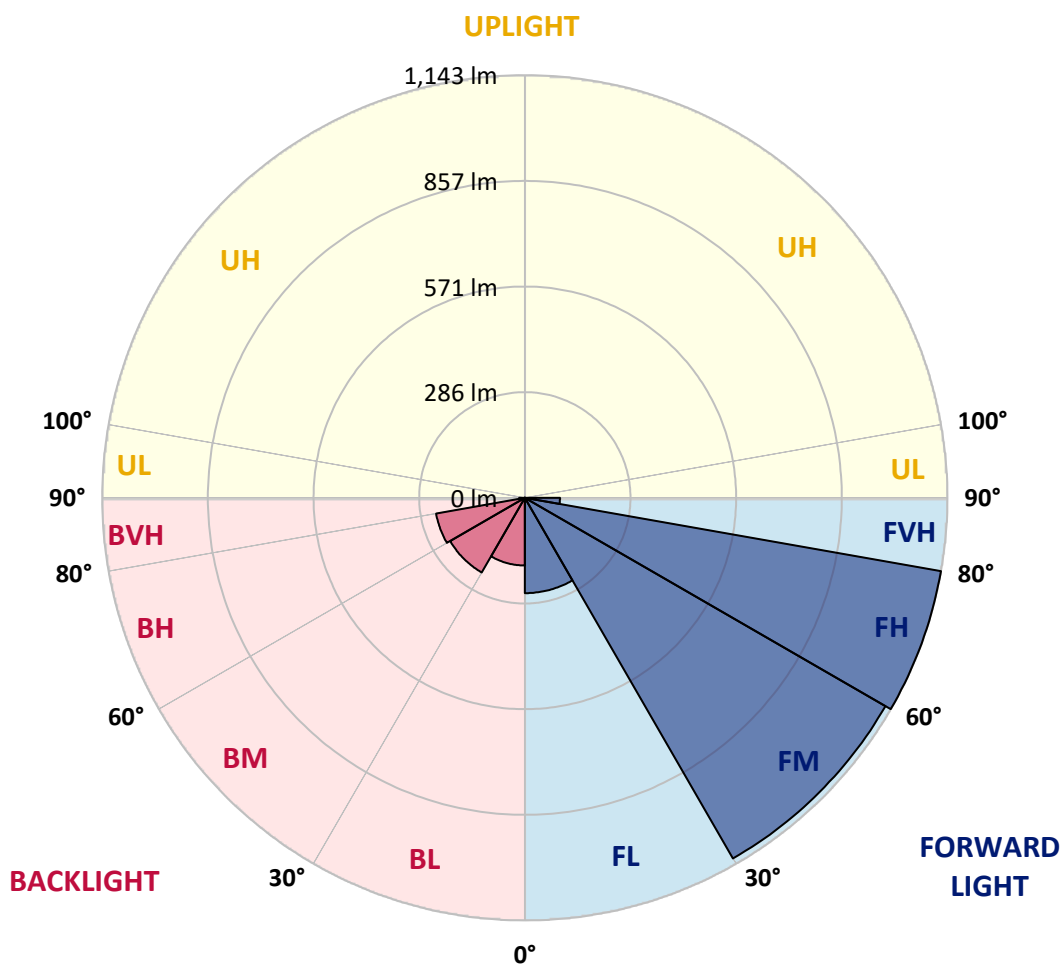
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	257.7	7.8			
FM	(30°-60°)	1126.0	34.2			
FH	(60°-80°)	1142.6	34.7			G1/1800
FVH	(80°-90°)	95.1	2.9			G1/100
BL	(0°-30°)	182.9	5.5	B1/500		
BM	(30°-60°)	233.0	7.1	B1/1000		
BH	(60°-80°)	243.5	7.4	B1/500		G1/500
BVH	(80°-90°)	15.2	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	728.2	728.2	728.2	728.2	728.2	728.2	728.2	728.2	728.2	728.2	728.2
2.5°	692.6	696.3	697.5	700.0	706.1	711.0	718.4	722.1	718.4	723.3	723.3
5°	644.8	639.9	652.2	657.1	664.4	674.3	691.4	704.9	701.2	715.9	728.2
7.5°	604.4	604.4	608.1	619.1	627.7	642.4	660.8	681.6	687.7	707.4	725.7
10°	567.6	572.5	572.5	589.7	594.6	611.7	642.4	668.1	669.3	702.4	728.2
12.5°	548.0	545.5	557.8	562.7	577.4	594.6	619.1	651.0	652.2	687.7	723.3
15°	532.0	534.5	540.6	552.9	566.4	579.9	603.2	632.6	638.7	680.4	720.8
17.5°	533.3	534.5	534.5	543.1	554.1	570.1	592.1	626.4	630.1	670.6	717.2
20°	540.6	535.7	539.4	543.1	550.4	565.1	583.5	613.0	616.6	669.3	725.7
22.5°	556.6	552.9	551.7	550.4	549.2	557.8	581.1	605.6	609.3	663.2	729.4
25°	582.3	581.1	572.5	563.9	557.8	557.8	576.2	611.7	610.5	663.2	731.9
27.5°	613.0	613.0	611.7	595.8	577.4	567.6	579.9	609.3	608.1	663.2	738.0
30°	654.6	654.6	651.0	636.3	603.2	575.0	582.3	606.8	610.5	658.3	733.1
32.5°	700.0	698.8	702.4	689.0	654.6	609.3	597.0	611.7	615.4	663.2	734.3
35°	733.1	740.5	752.7	740.5	706.1	644.8	617.9	621.5	624.0	664.4	739.2
37.5°	771.1	779.7	796.8	806.7	769.9	698.8	651.0	637.5	637.5	680.4	740.5
40°	826.3	817.7	847.1	864.3	849.6	765.0	702.4	666.9	668.1	701.2	756.4
42.5°	866.7	875.3	906.0	936.6	918.2	845.9	758.8	714.7	714.7	731.9	780.9
45°	912.1	921.9	964.8	1001.6	1015.1	942.7	836.1	783.4	780.9	791.9	825.0
47.5°	962.3	975.8	1024.9	1067.8	1103.3	1043.3	935.4	866.7	865.5	874.1	898.6
50°	1020.0	1024.9	1065.3	1143.8	1214.9	1176.9	1056.7	984.4	978.3	982.0	1015.1
52.5°	1037.1	1033.4	1080.0	1164.6	1294.6	1339.9	1222.2	1118.0	1115.6	1107.0	1149.9
55°	974.6	986.9	1032.2	1140.1	1359.5	1532.4	1403.7	1300.7	1278.6	1255.3	1306.8
57.5°	849.6	850.8	902.3	1029.8	1309.3	1691.8	1711.4	1479.7	1480.9	1418.4	1477.2
60°	660.8	657.1	697.5	812.8	1165.8	1740.8	2047.3	1765.3	1753.1	1581.4	1635.4
62.5°	476.9	469.5	478.1	545.5	871.6	1666.0	2377.0	2085.3	2033.8	1748.2	1789.8
65°	392.3	396.0	399.6	403.3	489.1	1374.3	2478.8	2607.5	2538.9	1943.1	1960.2
67.5°	324.9	327.3	343.3	365.3	362.9	811.6	2361.1	3090.5	3064.8	2184.6	2107.3
70°	275.8	274.6	293.0	333.4	339.6	421.7	1869.5	3189.8	3245.0	2444.5	2274.1
72.5°	220.7	223.1	239.1	293.0	333.4	355.5	1076.4	2976.5	2975.3	2644.3	2184.6
75°	158.1	158.1	180.2	242.7	322.4	351.8	595.8	2416.3	2461.6	2484.9	1895.3
77.5°	104.2	109.1	126.3	181.4	302.8	344.5	377.6	1756.7	1813.1	1858.5	1450.3
80°	71.1	73.6	84.6	126.3	256.2	346.9	308.9	1181.8	1203.8	1026.1	588.4
82.5°	42.9	44.1	56.4	88.3	183.9	329.8	290.5	652.2	638.7	310.2	169.2
85°	23.3	24.5	35.6	58.8	121.4	288.1	285.6	320.0	297.9	114.0	71.1
87.5°	8.6	8.6	15.9	29.4	69.9	197.4	248.9	190.0	177.8	57.6	33.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	728.2	728.2	728.2	728.2	728.2	728.2	728.2	728.2	728.2	728.2	728.2
2.5°	729.4	729.4	729.4	729.4	728.2	723.3	727.0	725.7	718.4	719.6	714.7
5°	727.0	733.1	729.4	724.5	718.4	703.7	698.8	695.1	685.3	681.6	685.3
7.5°	733.1	728.2	725.7	717.2	692.6	679.2	662.0	641.2	626.4	622.8	626.4
10°	731.9	731.9	720.8	696.3	673.0	633.8	611.7	575.0	554.1	548.0	549.2
12.5°	727.0	730.6	713.5	674.3	630.1	582.3	541.9	502.6	465.8	451.1	448.7
15°	731.9	728.2	697.5	647.3	586.0	519.8	460.9	403.3	369.0	346.9	342.0
17.5°	724.5	720.8	676.7	610.5	528.4	443.8	370.2	307.7	273.4	264.8	264.8
20°	733.1	709.8	652.2	566.4	468.3	360.4	277.1	230.5	221.9	221.9	224.3
22.5°	731.9	707.4	631.3	523.5	396.0	272.2	206.0	192.5	193.7	203.5	202.3
25°	724.5	702.4	601.9	475.7	320.0	204.7	170.4	166.7	175.3	186.3	185.1
27.5°	723.3	689.0	575.0	419.3	244.0	161.8	148.3	148.3	156.9	166.7	165.5
30°	715.9	677.9	541.9	355.5	183.9	141.0	136.1	136.1	139.8	144.7	144.7
32.5°	714.7	663.2	505.1	289.3	147.1	127.5	125.0	126.3	126.3	128.7	127.5
35°	704.9	643.6	467.1	224.3	127.5	120.1	117.7	116.5	116.5	115.2	115.2
37.5°	701.2	631.3	427.8	174.1	118.9	114.0	111.6	107.9	106.7	106.7	105.4
40°	704.9	619.1	389.8	141.0	111.6	109.1	105.4	100.5	99.3	99.3	99.3
42.5°	718.4	617.9	350.6	122.6	107.9	104.2	99.3	94.4	93.2	94.4	93.2
45°	749.0	627.7	312.6	114.0	103.0	99.3	93.2	89.5	88.3	89.5	89.5
47.5°	799.3	654.6	278.3	109.1	99.3	94.4	88.3	84.6	84.6	84.6	84.6
50°	882.7	706.1	245.2	105.4	96.8	90.7	84.6	79.7	78.5	78.5	79.7
52.5°	1007.7	794.4	218.2	103.0	93.2	85.8	79.7	76.0	73.6	72.3	73.6
55°	1158.5	923.1	209.6	100.5	88.3	82.1	76.0	71.1	68.7	68.7	67.4
57.5°	1320.3	1065.3	224.3	98.1	84.6	77.2	71.1	66.2	63.7	62.5	62.5
60°	1495.6	1233.3	278.3	96.8	80.9	72.3	66.2	62.5	58.8	57.6	57.6
62.5°	1655.0	1385.3	375.1	95.6	78.5	67.4	61.3	56.4	53.9	52.7	52.7
65°	1836.4	1554.5	469.5	100.5	77.2	63.7	56.4	51.5	49.0	47.8	47.8
67.5°	1994.6	1701.6	524.7	112.8	80.9	58.8	50.3	46.6	45.4	44.1	44.1
70°	2109.8	1746.9	351.8	123.8	87.0	55.2	45.4	42.9	40.5	40.5	40.5
72.5°	1955.3	1559.4	208.4	116.5	82.1	51.5	40.5	38.0	36.8	36.8	35.6
75°	1672.1	1327.7	160.6	94.4	66.2	44.1	35.6	33.1	31.9	31.9	30.6
77.5°	1234.5	951.3	118.9	74.8	51.5	35.6	30.6	29.4	28.2	27.0	27.0
80°	483.0	416.8	80.9	55.2	38.0	28.2	25.7	24.5	23.3	22.1	22.1
82.5°	149.6	126.3	46.6	36.8	27.0	22.1	20.8	19.6	18.4	17.2	17.2
85°	65.0	62.5	30.6	23.3	18.4	14.7	14.7	13.5	12.3	11.0	11.0
87.5°	31.9	30.6	17.2	11.0	9.8	7.4	7.4	6.1	4.9	4.9	4.9
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)