

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: P670917

Luminaire Tested: **CCP-SA-1D-722-U-T4FT**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P670917
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1D-722-U-T4FT
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ T4FT distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

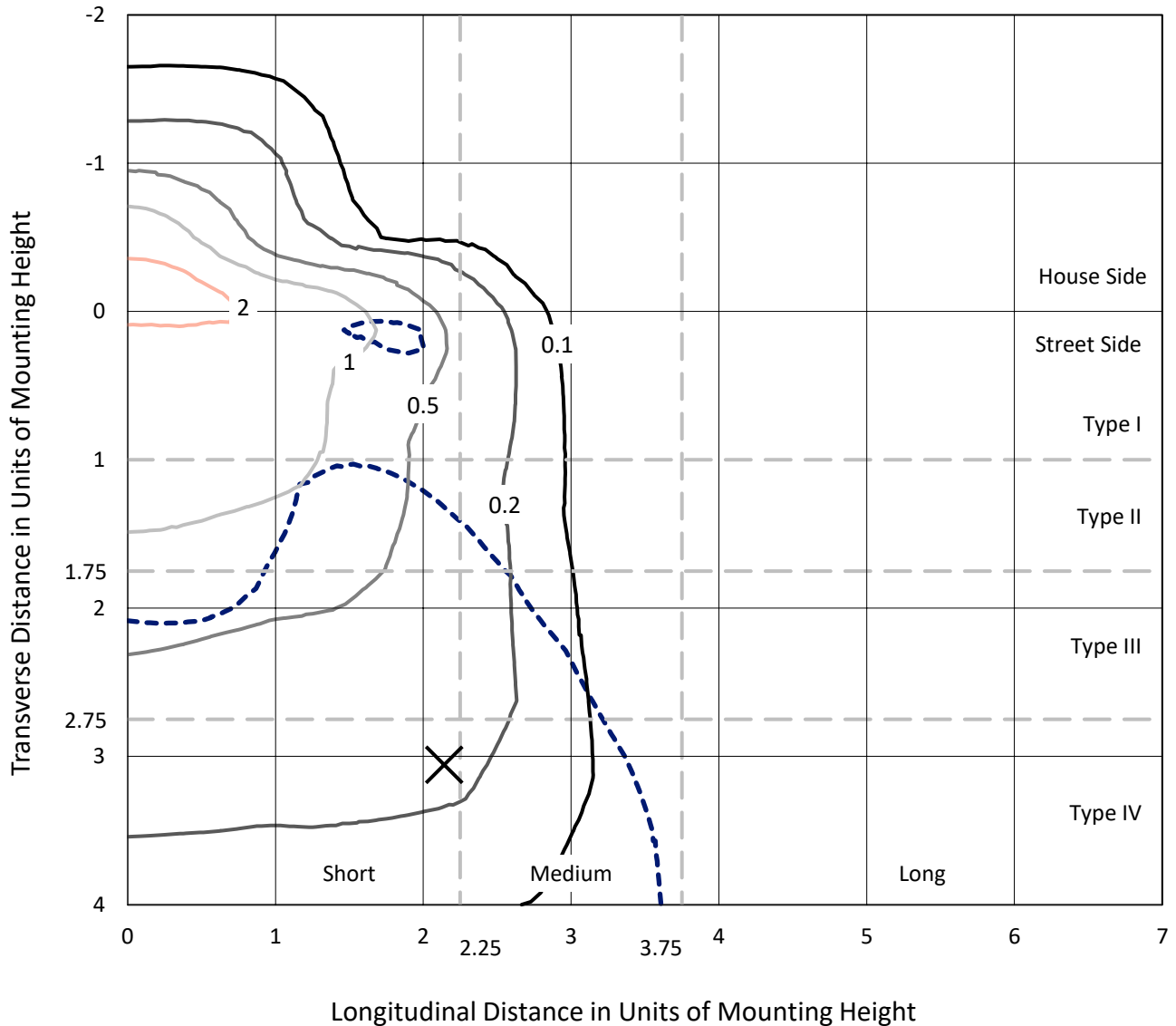
Lumens per Lamp: N/A
Luminaire Lumens: 4105.4 lumens
Efficiency: N/A
Efficacy: 93.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

Input Watts (W): 44
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

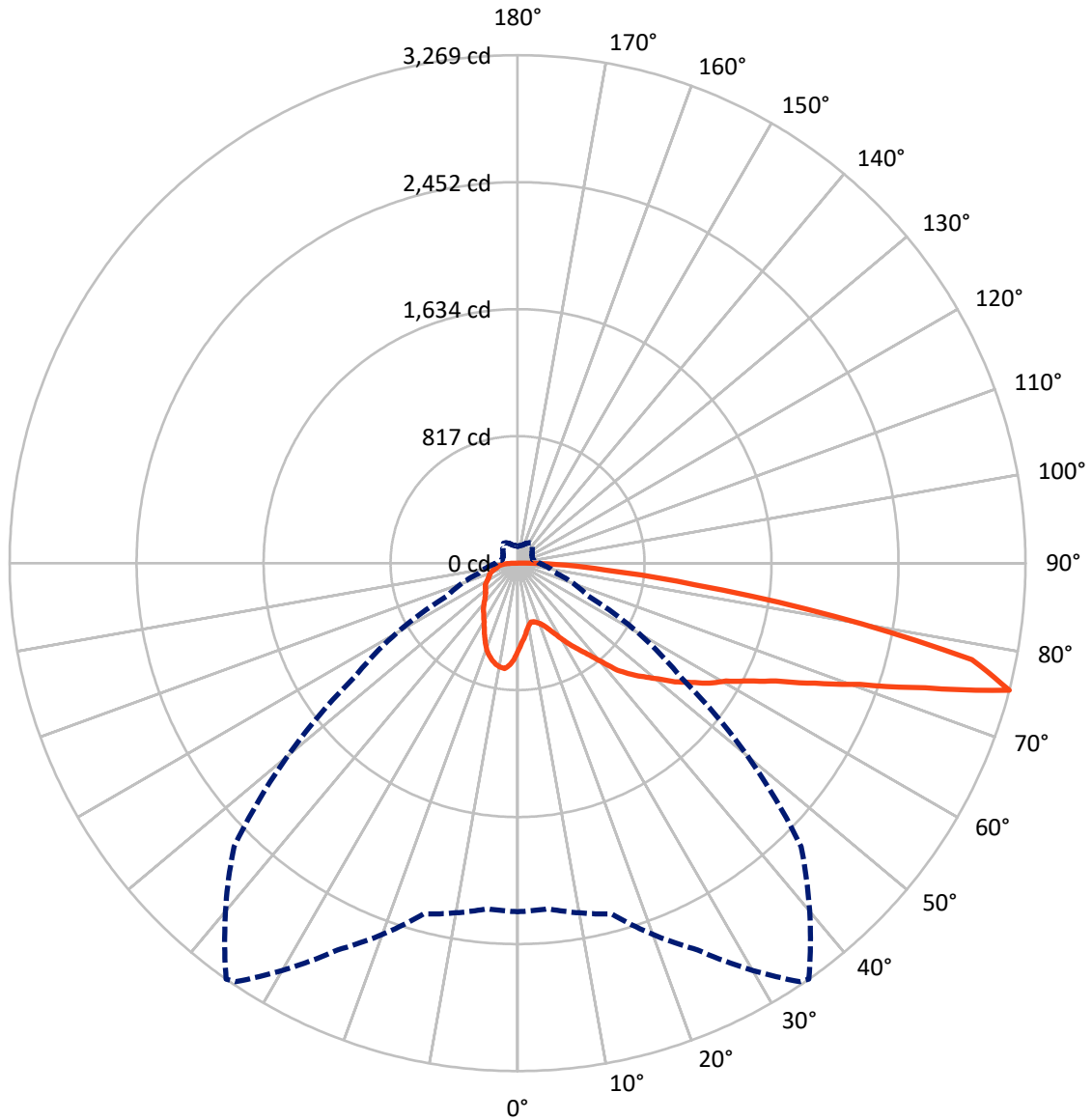
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral - - - Horizontal Cone Through 75-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	943.5	0.0	943.5
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	3161.9	0.0	3161.9
	% Fixture	77.0	0.0	77.0
Total	Lumens	4105.4	0.0	4105.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.6	1.3
10°-20°	155.5	3.8
20°-30°	258.1	6.3
30°-40°	382.6	9.3
40°-50°	551.7	13.4
50°-60°	758.6	18.5
60°-70°	937.1	22.8
70°-80°	857.3	20.9
80°-90°	150.9	3.7
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°	4105.4	100.0
0°-180°	4105.4	100.0



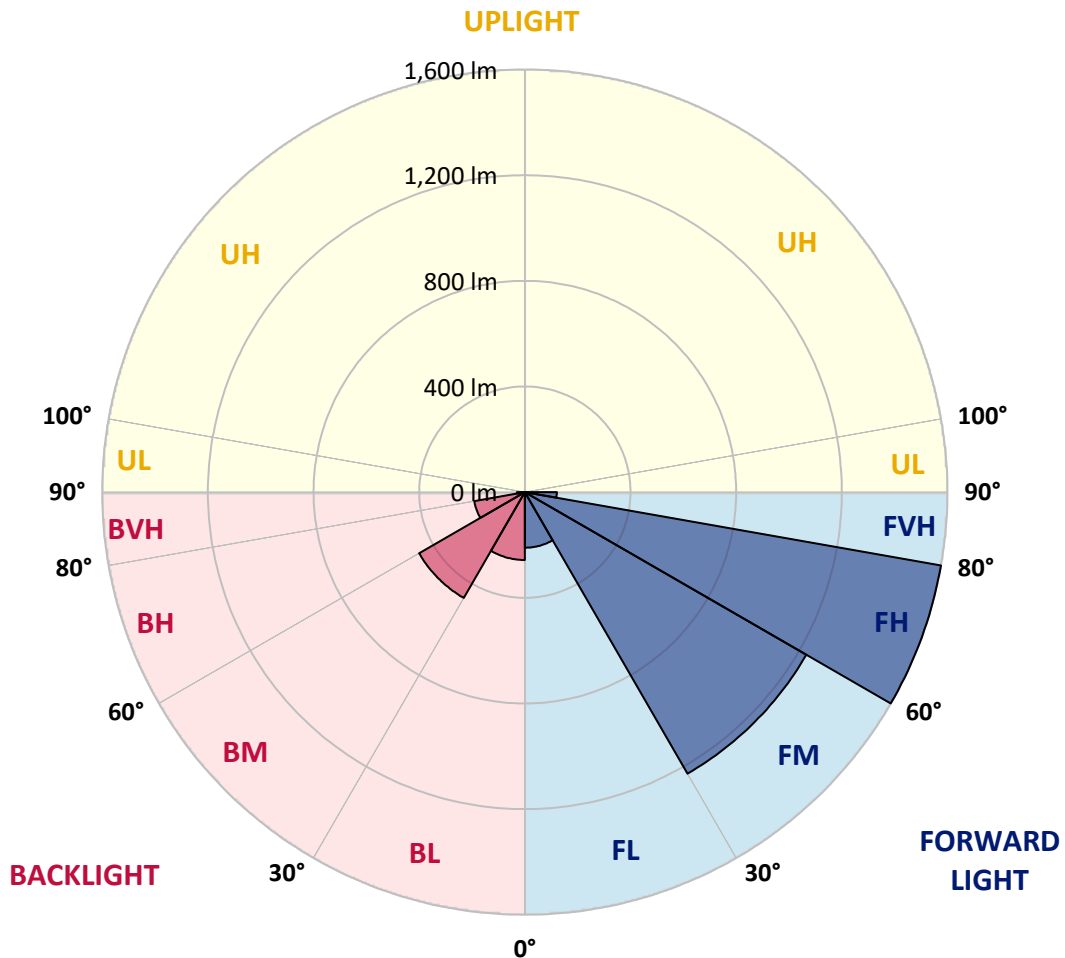
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	210.4	5.1			
FM (30°-60°)	1230.5	30.0			
FH (60°-80°)	1599.8	39.0			G1/1800
FVH (80°-90°)	121.1	3.0			G2/225
BL (0°-30°)	256.8	6.3	B1/500		
BM (30°-60°)	462.4	11.3	B1/1000		
BH (60°-80°)	194.6	4.7	B1/500		G1/500
BVH (80°-90°)	29.8	0.7			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	562.5	562.5	562.5	562.5	562.5	562.5	562.5	562.5	562.5	562.5	562.5
2.5°	509.5	505.0	509.5	512.6	512.6	512.6	517.1	530.7	539.8	545.8	556.4
5°	456.6	458.1	461.2	468.7	473.3	476.3	483.8	500.5	514.1	533.7	556.4
7.5°	409.8	412.8	417.3	424.9	435.5	433.9	450.6	473.3	499.0	524.7	557.9
10°	385.6	391.6	393.1	394.6	405.2	405.2	427.9	453.6	485.4	518.6	557.9
12.5°	390.1	390.1	385.6	384.0	390.1	388.6	408.2	438.5	473.3	520.1	564.0
15°	403.7	403.7	394.6	385.6	394.6	391.6	408.2	432.4	473.3	521.6	576.1
17.5°	421.8	423.4	412.8	397.7	400.7	402.2	414.3	437.0	473.3	524.7	592.7
20°	458.1	450.6	433.9	409.8	420.3	415.8	433.9	453.6	482.3	536.8	616.9
22.5°	489.9	489.9	458.1	437.0	438.5	438.5	455.1	471.7	495.9	553.4	635.0
25°	541.3	538.3	499.0	467.2	470.2	471.7	480.8	500.5	518.6	562.5	657.7
27.5°	606.3	598.8	559.4	523.2	511.1	515.6	520.1	535.2	539.8	577.6	684.9
30°	675.9	665.3	632.0	574.6	568.5	570.0	562.5	571.5	565.5	601.8	712.2
32.5°	719.7	719.7	688.0	645.6	629.0	629.0	603.3	609.3	609.3	624.5	760.5
35°	757.5	754.5	733.3	701.6	691.0	684.9	659.2	668.3	653.2	668.3	828.6
37.5°	815.0	805.9	796.8	775.7	754.5	750.0	736.3	742.4	721.2	713.7	905.7
40°	881.5	877.0	867.9	858.8	837.6	836.1	821.0	827.1	804.4	775.7	982.8
42.5°	979.8	966.2	937.4	929.9	934.4	940.5	934.4	923.8	883.0	846.7	1066.0
45°	1078.1	1056.9	1002.5	990.4	1025.1	1020.6	1046.3	1041.8	975.2	917.8	1153.7
47.5°	1141.6	1123.4	1079.6	1072.0	1087.1	1093.2	1170.3	1156.7	1050.8	982.8	1238.3
50°	1186.9	1188.4	1131.0	1150.6	1170.3	1170.3	1267.1	1265.5	1143.1	1062.9	1348.7
52.5°	1253.4	1232.3	1208.1	1226.2	1253.4	1268.6	1388.0	1354.8	1200.5	1131.0	1472.7
55°	1288.2	1279.2	1258.0	1289.7	1347.2	1354.8	1481.8	1456.1	1265.5	1211.1	1599.7
57.5°	1301.8	1309.4	1344.2	1357.8	1437.9	1457.6	1566.4	1530.1	1326.0	1310.9	1698.0
60°	1362.3	1351.7	1398.6	1453.0	1530.1	1540.7	1672.3	1593.6	1385.0	1375.9	1729.7
62.5°	1484.8	1457.6	1483.3	1548.3	1655.6	1669.2	1784.2	1678.3	1410.7	1419.8	1728.2
65°	1663.2	1643.5	1605.7	1657.2	1808.4	1828.0	1915.7	1750.9	1403.1	1404.6	1605.7
67.5°	1873.4	1841.6	1802.3	1834.1	2018.5	2063.9	2076.0	1782.6	1350.2	1320.0	1306.4
70°	2057.8	2036.7	2011.0	2065.4	2322.4	2339.1	2275.6	1763.0	1203.6	1059.9	870.9
72.5°	2230.2	2219.6	2234.7	2438.9	2733.7	2744.3	2463.0	1639.0	951.0	642.6	405.2
75°	2243.8	2233.2	2337.6	2747.3	3249.3	3268.9	2579.5	1285.2	502.0	261.6	170.9
77.5°	1519.6	1551.3	1746.4	2405.6	2984.7	2989.2	2109.2	597.2	207.1	154.2	119.4
80°	373.5	414.3	657.7	1244.4	2012.5	2062.4	1155.2	201.1	136.1	117.9	89.2
82.5°	136.1	148.2	267.6	562.5	1131.0	1150.6	403.7	108.9	98.3	90.7	65.0
85°	65.0	66.5	127.0	276.7	571.5	565.5	145.2	65.0	71.1	62.0	39.3
87.5°	27.2	27.2	55.9	128.5	252.5	244.9	46.9	30.2	40.8	36.3	19.7
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°	562.5	562.5	562.5	562.5	562.5	562.5	562.5	562.5	562.5	562.5	562.5
2.5°	564.0	567.0	579.1	588.2	597.2	604.8	616.9	616.9	624.5	624.5	624.5
5°	562.5	579.1	598.8	619.9	633.5	647.1	659.2	660.7	665.3	671.3	672.8
7.5°	568.5	585.1	616.9	647.1	663.8	669.8	684.9	680.4	680.4	680.4	684.9
10°	580.6	598.8	642.6	669.8	681.9	683.4	678.9	675.9	666.8	663.8	659.2
12.5°	589.7	621.4	665.3	686.4	681.9	677.4	666.8	651.7	641.1	638.1	638.1
15°	612.4	644.1	684.9	692.5	684.9	660.7	647.1	630.5	621.4	607.8	613.9
17.5°	632.0	668.3	704.6	695.5	680.4	642.6	622.9	598.8	586.7	571.5	571.5
20°	657.7	691.0	722.7	698.5	665.3	624.5	592.7	562.5	545.8	530.7	533.7
22.5°	686.4	716.7	733.3	686.4	642.6	595.7	551.9	523.2	502.0	492.9	495.9
25°	709.1	742.4	739.4	666.8	615.4	559.4	511.1	483.8	479.3	470.2	470.2
27.5°	737.9	772.6	734.8	642.6	570.0	502.0	471.7	461.2	461.2	456.6	459.6
30°	775.7	799.8	724.2	607.8	512.6	450.6	435.5	441.5	452.1	447.6	449.1
32.5°	837.6	834.6	715.2	568.5	452.1	400.7	411.3	423.4	432.4	437.0	440.0
35°	898.1	878.5	704.6	515.6	396.1	376.5	385.6	399.2	415.8	420.3	421.8
37.5°	958.6	923.8	686.4	450.6	361.4	355.3	364.4	372.0	385.6	388.6	391.6
40°	1022.1	954.1	654.7	387.1	332.6	332.6	338.7	340.2	347.8	352.3	355.3
42.5°	1078.1	982.8	597.2	328.1	302.4	313.0	314.5	311.5	305.4	308.4	310.0
45°	1146.1	1014.6	530.7	285.8	279.7	293.3	296.4	284.3	273.7	267.6	264.6
47.5°	1212.6	1047.8	473.3	251.0	258.6	279.7	279.7	266.1	248.0	232.8	226.8
50°	1273.1	1081.1	426.4	229.8	237.4	269.1	272.2	246.5	226.8	208.7	205.6
52.5°	1374.4	1137.0	378.0	213.2	225.3	261.6	260.1	237.4	211.7	192.0	190.5
55°	1463.6	1193.0	314.5	196.6	213.2	251.0	255.5	228.3	193.5	175.4	172.4
57.5°	1528.6	1206.6	251.0	179.9	201.1	238.9	244.9	210.2	181.4	166.3	164.8
60°	1540.7	1153.7	204.1	166.3	184.5	222.3	226.8	199.6	172.4	160.3	157.2
62.5°	1484.8	1052.4	173.9	154.2	170.9	205.6	214.7	187.5	163.3	152.7	151.2
65°	1357.8	904.2	152.7	143.6	161.8	193.5	204.1	178.4	155.7	146.7	145.2
67.5°	1075.0	694.0	136.1	136.1	149.7	181.4	196.6	172.4	148.2	142.1	140.6
70°	703.1	417.3	124.0	125.5	140.6	170.9	187.5	164.8	139.1	137.6	134.6
72.5°	302.4	192.0	110.4	114.9	127.0	152.7	173.9	154.2	128.5	124.0	119.4
75°	139.1	116.4	99.8	102.8	113.4	134.6	157.2	142.1	119.4	111.9	107.4
77.5°	98.3	84.7	83.2	89.2	96.8	116.4	139.1	133.1	110.4	104.3	101.3
80°	72.6	65.0	69.6	75.6	80.1	107.4	131.5	122.5	101.3	92.2	87.7
82.5°	51.4	48.4	54.4	60.5	65.0	93.7	121.0	107.4	84.7	77.1	69.6
85°	30.2	31.8	37.8	40.8	45.4	69.6	101.3	86.2	65.0	49.9	48.4
87.5°	13.6	13.6	18.1	19.7	22.7	40.8	68.0	54.4	40.8	31.8	30.2
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)