

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: P674715

Luminaire Tested: **CCP-SA-1C-750-U-T3R-HSS**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P674715
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-750-U-T3R-HSS
Description: INVUE CLEAR CURVE POLE MOUNT Light Square Luminaire @615mA w/ T3R distribution lens and House Side Shield
Light Source: (16) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

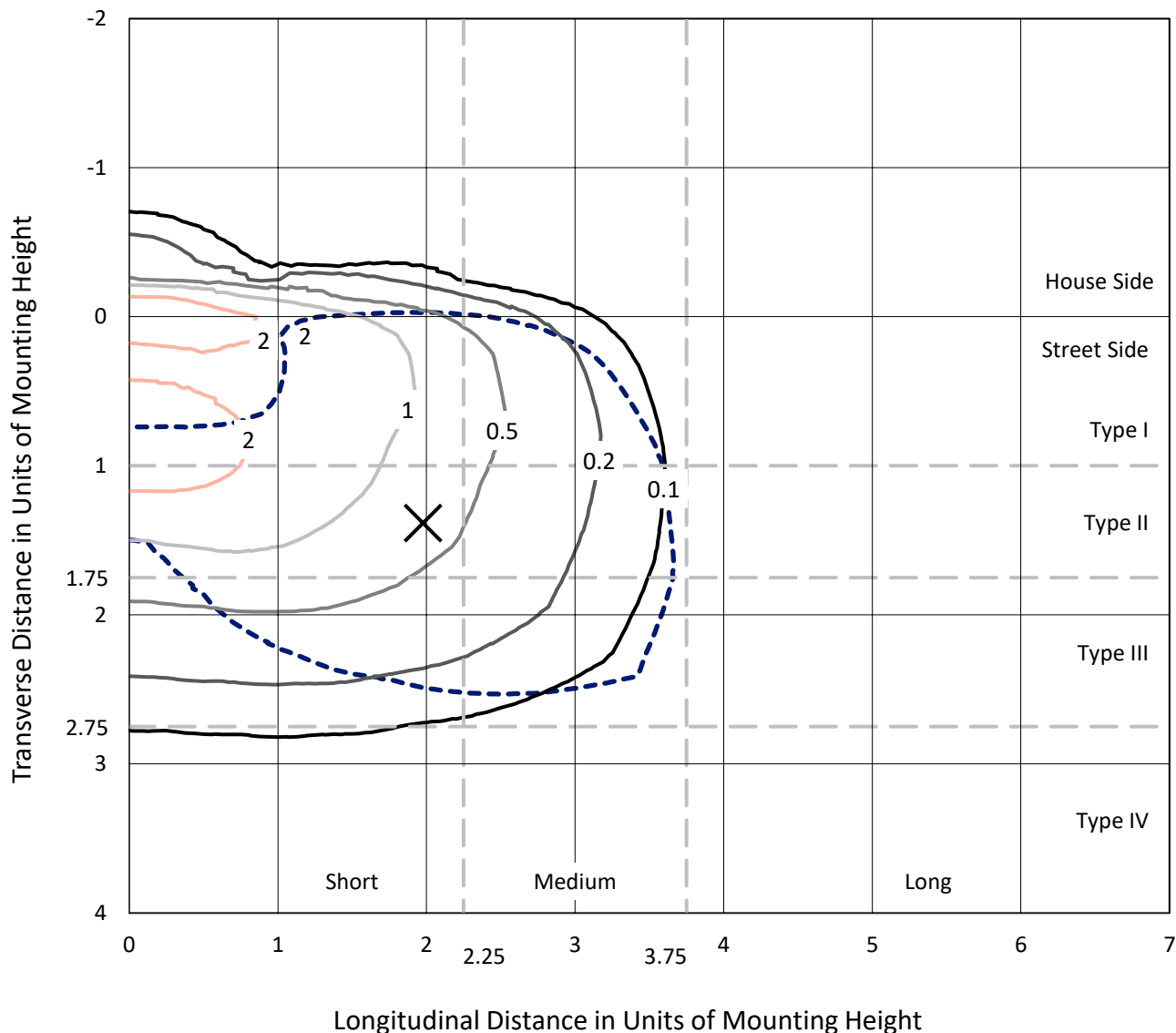
Lumens per Lamp: N/A
Luminaire Lumens: 3667.9 lumens
Efficiency: N/A
Efficacy: 114.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G1

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

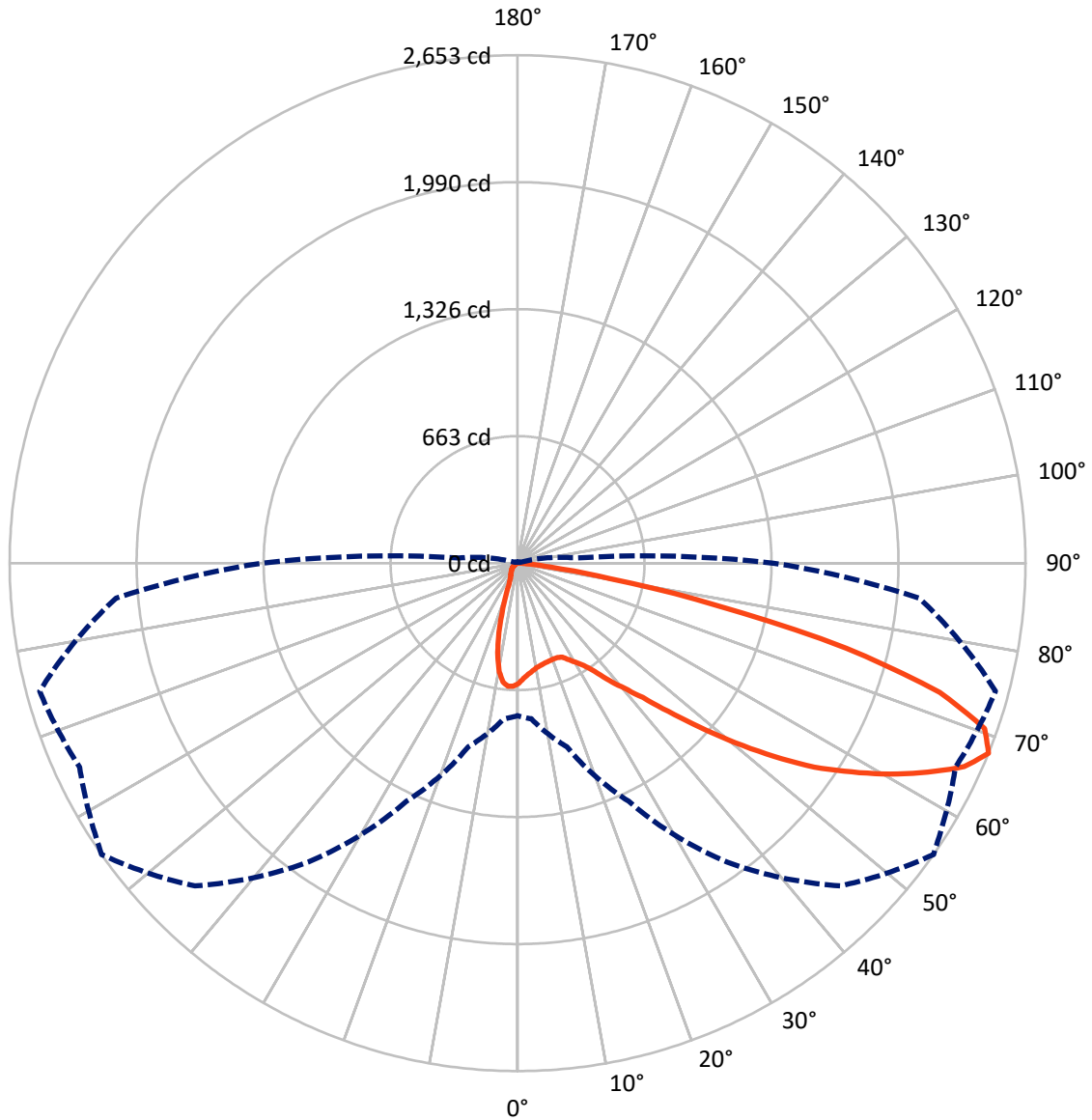
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	329.5	0.0	329.5
	% Fixture	9.0	0.0	9.0
Street Side	Lumens	3338.4	0.0	3338.4
	% Fixture	91.0	0.0	91.0
Total	Lumens	3667.9	0.0	3667.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.2	1.5
10°-20°	125.6	3.4
20°-30°	201.5	5.5
30°-40°	349.5	9.5
40°-50°	582.8	15.9
50°-60°	852.2	23.2
60°-70°	993.7	27.1
70°-80°	482.2	13.1
80°-90°	25.2	0.7
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°	3667.9	100.0
0°-180°	3667.9	100.0



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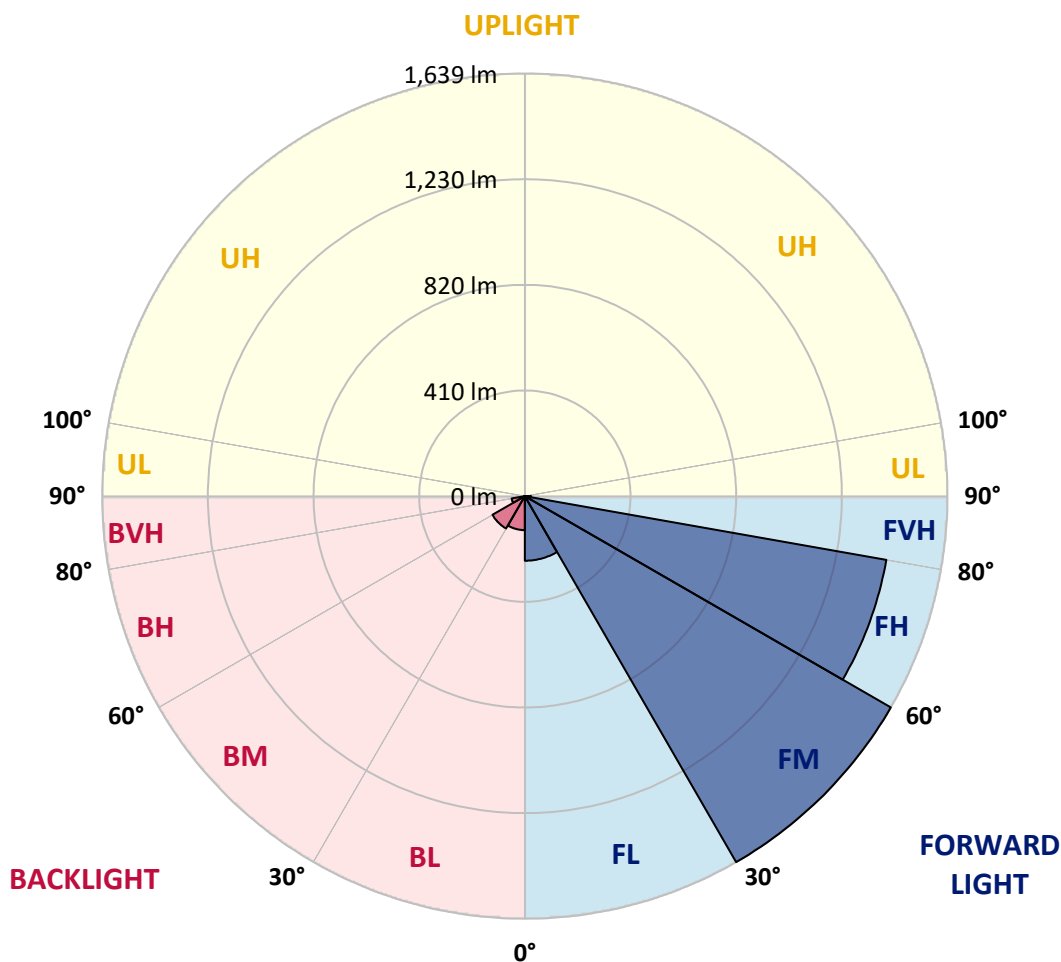
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	250.6	6.8			
FM (30°-60°)	1639.4	44.7			
FH (60°-80°)	1423.9	38.8			G1/1800
FVH (80°-90°)	24.5	0.7			G1/100
BL (0°-30°)	131.7	3.6	B1/500		
BM (30°-60°)	145.1	4.0	B0/220		
BH (60°-80°)	52.0	1.4	B0/110		G0/110
BVH (80°-90°)	0.7	0.0			G0/10
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 Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
0°	628.6	628.6	628.6	628.6	628.6	628.6	628.6	628.6	628.6	628.6	628.6
2.5°	580.2	584.0	588.7	590.4	596.1	604.2	601.9	600.2	609.3	621.8	625.9
5°	544.1	544.4	551.9	557.3	567.1	574.8	583.3	582.6	599.2	620.5	634.0
7.5°	508.6	509.3	517.1	525.5	539.7	554.9	567.7	567.1	593.8	622.2	647.8
10°	462.0	465.3	474.8	489.7	512.0	536.0	553.9	555.6	587.7	628.6	666.8
12.5°	424.5	426.1	436.6	455.9	482.2	513.7	547.1	546.1	589.0	640.4	691.4
15°	408.6	407.6	414.0	428.2	458.2	497.8	540.4	542.7	593.8	653.9	717.1
17.5°	412.3	411.3	414.7	419.7	441.0	484.6	536.7	540.7	601.2	668.1	741.1
20°	453.5	446.4	440.3	434.9	438.0	473.8	534.3	538.7	605.6	678.9	766.5
22.5°	532.9	524.1	507.9	477.8	457.9	474.5	535.0	540.7	615.4	696.5	797.2
25°	662.4	653.9	619.1	557.6	504.9	498.8	544.1	550.2	638.0	723.2	830.0
27.5°	833.7	814.8	772.5	684.3	582.6	537.7	571.5	578.2	670.1	743.8	852.3
30°	976.0	971.6	931.0	822.9	689.7	594.8	602.2	605.9	684.7	756.3	874.6
32.5°	1123.7	1114.5	1077.4	972.3	814.1	676.2	636.7	638.4	703.6	774.9	907.0
35°	1252.1	1243.6	1212.5	1110.5	959.4	785.7	693.8	690.1	742.8	815.8	951.0
37.5°	1371.0	1370.0	1342.6	1238.6	1089.9	899.3	777.9	774.9	804.0	860.7	1010.4
40°	1487.3	1484.6	1461.3	1366.3	1218.3	1012.5	858.0	850.3	856.0	923.6	1088.8
42.5°	1558.6	1564.3	1572.4	1512.3	1370.7	1145.3	959.4	954.7	953.7	1021.9	1191.9
45°	1597.1	1607.3	1654.9	1649.5	1532.2	1310.5	1103.7	1091.6	1087.5	1157.1	1309.9
47.5°	1634.6	1639.0	1717.1	1749.9	1687.0	1482.9	1278.1	1261.2	1244.6	1322.0	1450.8
50°	1637.0	1644.1	1740.7	1820.5	1816.8	1652.5	1473.8	1458.9	1440.0	1522.8	1588.3
52.5°	1603.9	1618.1	1737.7	1865.1	1897.2	1802.2	1676.9	1664.7	1649.2	1711.0	1704.2
55°	1375.1	1399.1	1678.2	1869.2	1953.6	1930.7	1881.0	1864.1	1848.9	1892.8	1817.8
57.5°	1266.3	1279.8	1497.8	1866.1	2025.6	2049.6	2058.1	2050.3	2029.0	2083.7	1936.4
60°	1201.0	1220.6	1411.6	1832.3	2103.3	2184.1	2237.2	2221.6	2195.6	2271.0	2063.5
62.5°	1123.0	1137.2	1325.7	1735.0	2149.6	2321.0	2405.1	2390.9	2337.2	2443.7	2166.2
65°	979.0	1000.3	1189.2	1581.9	2087.5	2421.4	2563.3	2558.6	2465.3	2574.1	2194.3
67.5°	796.9	816.1	992.2	1372.0	1905.7	2383.8	2652.8	2638.0	2523.4	2583.9	2105.4
70°	598.2	608.6	741.4	1048.3	1561.3	2183.4	2588.0	2584.9	2435.2	2438.6	1832.7
72.5°	321.0	350.1	493.1	701.6	1098.0	1768.4	2306.5	2294.3	2172.6	1997.2	1318.0
75°	112.2	120.6	262.6	394.0	596.5	1178.1	1773.5	1745.1	1624.8	1299.0	718.1
77.5°	68.9	75.7	116.6	201.4	232.2	511.3	1065.5	1028.7	951.0	561.7	245.3
80°	47.6	53.7	78.1	105.4	79.1	165.6	490.4	476.5	366.7	133.8	56.4
82.5°	26.7	32.1	59.1	51.7	31.8	42.9	170.0	157.5	97.7	36.2	18.9
85°	15.5	18.6	41.6	36.5	16.2	15.2	44.3	39.5	25.3	13.5	9.1
87.5°	8.1	10.5	30.4	24.3	9.8	5.4	10.1	9.8	6.4	4.7	6.1
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°	628.6	628.6	628.6	628.6	628.6	628.6	628.6	628.6	628.6	628.6	628.6
2.5°	633.3	631.6	640.4	643.4	642.8	641.4	644.8	640.4	640.1	639.0	638.0
5°	644.8	647.5	654.6	654.6	645.1	629.6	620.1	607.3	596.5	590.0	589.0
7.5°	662.0	667.4	672.2	657.6	625.2	586.7	545.8	513.7	485.6	471.1	469.7
10°	686.4	691.4	687.7	646.1	576.5	496.8	430.2	363.3	329.8	311.6	311.6
12.5°	715.4	719.5	696.8	617.4	496.4	380.9	292.0	221.7	188.2	166.6	165.3
15°	746.9	747.9	695.5	567.4	397.4	255.8	167.6	123.0	108.8	105.8	105.1
17.5°	774.2	770.2	681.3	493.4	286.2	152.4	106.5	96.3	93.6	93.6	93.6
20°	799.9	786.4	652.9	407.2	183.5	103.7	91.6	88.9	88.9	89.2	89.2
22.5°	828.3	801.6	612.4	311.6	117.9	88.9	85.8	84.5	84.1	85.2	84.8
25°	861.8	816.5	554.2	215.3	91.2	82.8	81.4	80.1	80.1	80.1	80.1
27.5°	880.3	814.4	488.0	135.9	79.8	76.7	75.4	74.0	73.0	72.7	73.0
30°	896.6	802.6	401.5	95.0	72.0	68.6	67.6	65.9	63.9	63.2	63.2
32.5°	917.8	792.8	310.9	76.4	65.2	61.5	58.5	55.8	52.4	51.0	50.7
35°	941.5	774.9	227.8	67.3	59.1	54.4	49.7	45.3	40.9	39.5	39.2
37.5°	970.9	758.7	154.4	62.2	54.1	48.3	41.9	35.8	31.8	31.1	31.1
40°	1010.8	745.2	106.8	57.8	49.3	42.6	34.8	28.4	25.7	25.0	25.0
42.5°	1065.2	734.0	80.8	54.1	45.3	36.8	28.0	23.3	21.3	20.6	20.6
45°	1129.4	716.8	68.3	50.7	41.2	31.1	23.3	19.6	18.6	18.6	18.6
47.5°	1203.1	695.1	62.2	47.3	36.8	25.3	19.6	17.9	17.6	17.6	17.9
50°	1277.4	669.5	57.8	43.3	31.8	21.6	17.9	16.9	16.9	17.2	17.2
52.5°	1327.8	629.2	53.4	38.9	26.7	18.9	16.9	16.6	16.2	16.2	16.2
55°	1376.8	594.1	47.3	34.1	22.3	17.6	16.2	15.9	15.9	15.5	15.5
57.5°	1427.8	566.4	39.5	28.4	18.9	16.6	15.5	15.5	14.9	14.5	14.5
60°	1486.9	542.1	30.4	22.3	16.6	15.5	14.5	14.2	13.5	12.8	12.8
62.5°	1504.2	490.7	23.0	17.9	14.2	13.5	13.2	12.5	10.8	9.5	9.8
65°	1459.2	409.9	18.2	14.2	11.5	11.5	10.5	8.8	7.1	6.1	6.1
67.5°	1335.2	306.2	14.9	11.2	9.1	8.8	7.4	6.4	4.4	3.7	3.7
70°	1100.3	202.4	12.2	8.8	7.4	6.1	5.1	4.7	3.4	2.7	2.7
72.5°	771.2	109.8	10.1	7.1	5.4	4.1	3.4	3.0	2.4	2.0	1.7
75°	407.2	42.2	8.1	5.4	3.4	2.7	2.0	2.0	1.7	1.4	1.4
77.5°	139.6	17.9	5.7	3.0	2.4	1.7	1.4	1.0	1.4	1.0	1.0
80°	33.1	10.5	3.7	2.0	1.4	1.0	1.0	0.7	0.7	0.7	0.7
82.5°	14.5	6.1	2.4	1.4	1.4	1.0	0.7	0.3	0.3	0.3	0.3
85°	9.8	3.7	1.7	1.4	1.0	0.7	0.3	0.3	0.0	0.0	0.0
87.5°	7.8	2.4	1.4	1.4	1.0	0.7	0.3	0.0	0.0	0.0	0.0
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)