

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: P674702

Luminaire Tested: **CCP-SA-1A-740-U-T3R-HSS**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P674702
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-740-U-T3R-HSS
Description: INVUE CLEAR CURVE POLE MOUNT Light Square Luminaire @350mA w/ T3R distribution lens and House Side Shield
Light Source: (16) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

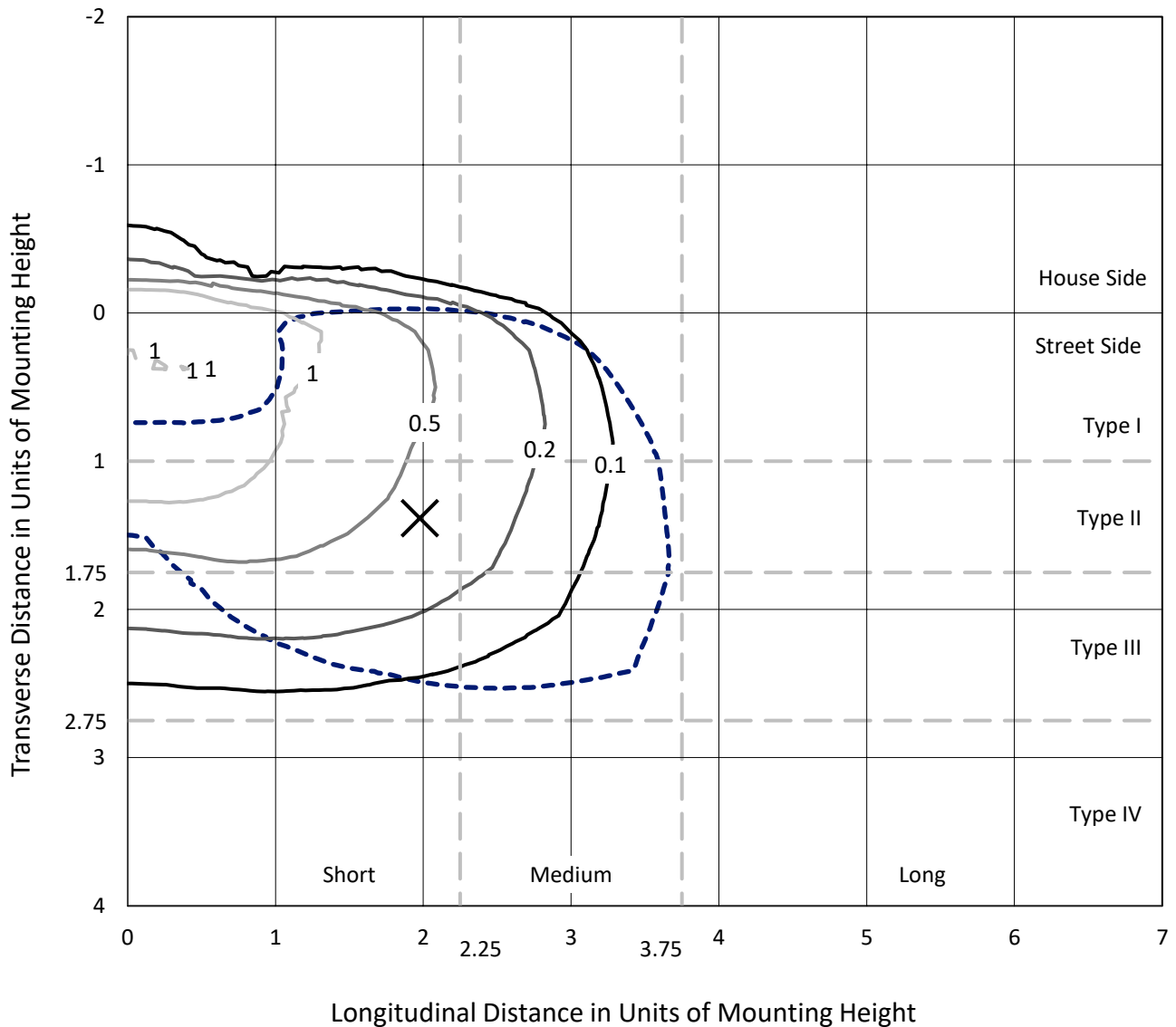
Lumens per Lamp: N/A
Luminaire Lumens: 2169.8 lumens
Efficiency: N/A
Efficacy: 120.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 18
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

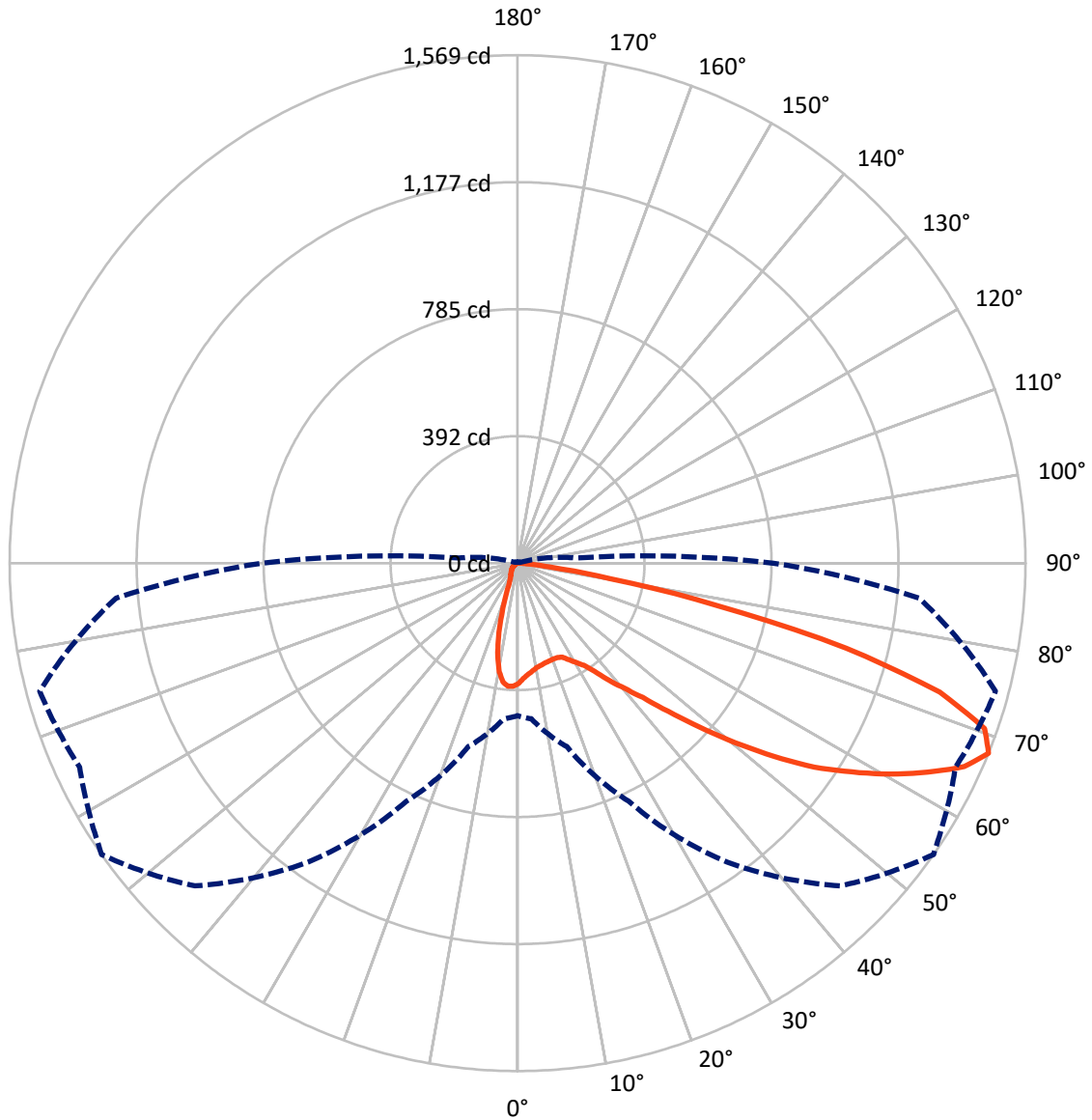
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.8 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	194.9	0.0	194.9
	% Fixture	9.0	0.0	9.0
Street Side	Lumens	1974.8	0.0	1974.8
	% Fixture	91.0	0.0	91.0
Total	Lumens	2169.8	0.0	2169.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.6	1.5
10°-20°	74.3	3.4
20°-30°	119.2	5.5
30°-40°	206.8	9.5
40°-50°	344.7	15.9
50°-60°	504.1	23.2
60°-70°	587.8	27.1
70°-80°	285.3	13.1
80°-90°	14.9	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°	2169.8	100.0
0°-180°	2169.8	100.0



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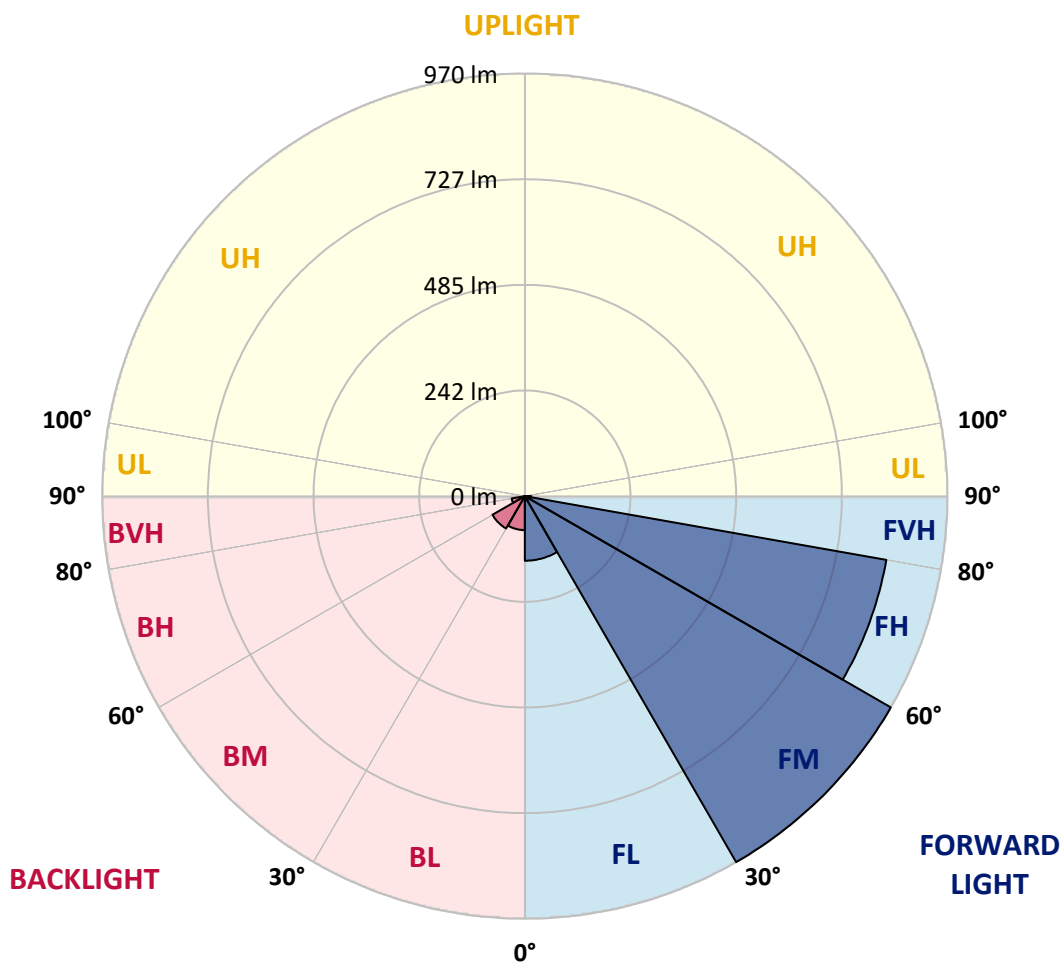
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	148.2	6.8			
FM (30°-60°)	969.8	44.7			
FH (60°-80°)	842.3	38.8			G1/1800
FVH (80°-90°)	14.5	0.7			G1/100
BL (0°-30°)	77.9	3.6	B0/110		
BM (30°-60°)	85.8	4.0	B0/220		
BH (60°-80°)	30.7	1.4	B0/110		G0/110
BVH (80°-90°)	0.4	0.0			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 III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
0°	371.8	371.8	371.8	371.8	371.8	371.8	371.8	371.8	371.8	371.8	371.8
2.5°	343.2	345.4	348.2	349.2	352.6	357.4	356.0	355.0	360.4	367.8	370.2
5°	321.9	322.1	326.5	329.7	335.4	340.0	345.0	344.6	354.4	367.0	375.0
7.5°	300.9	301.3	305.9	310.9	319.3	328.3	335.8	335.4	351.2	368.0	383.2
10°	273.3	275.3	280.9	289.7	302.9	317.1	327.7	328.7	347.6	371.8	394.4
12.5°	251.1	252.1	258.3	269.7	285.3	303.9	323.7	323.1	348.4	378.8	409.0
15°	241.7	241.1	244.9	253.3	271.1	294.5	319.7	321.1	351.2	386.8	424.2
17.5°	243.9	243.3	245.3	248.3	260.9	286.7	317.5	319.9	355.6	395.2	438.4
20°	268.3	264.1	260.5	257.3	259.1	280.3	316.1	318.7	358.2	401.6	453.4
22.5°	315.3	310.1	300.5	282.7	270.9	280.7	316.5	319.9	364.0	412.0	471.6
25°	391.8	386.8	366.2	329.9	298.7	295.1	321.9	325.5	377.4	427.8	491.0
27.5°	493.2	482.0	457.0	404.8	344.6	318.1	338.0	342.0	396.4	440.0	504.2
30°	577.3	574.7	550.8	486.8	408.0	351.8	356.2	358.4	405.0	447.4	517.4
32.5°	664.7	659.3	637.3	575.1	481.6	400.0	376.6	377.6	416.2	458.4	536.6
35°	740.7	735.7	717.3	656.9	567.5	464.8	410.4	408.2	439.4	482.6	562.5
37.5°	811.0	810.4	794.2	732.7	644.7	532.0	460.2	458.4	475.6	509.2	597.7
40°	879.8	878.2	864.4	808.2	720.7	598.9	507.6	503.0	506.4	546.4	644.1
42.5°	922.0	925.4	930.2	894.6	810.8	677.5	567.5	564.7	564.1	604.5	705.1
45°	944.8	950.8	979.0	975.8	906.4	775.3	652.9	645.7	643.3	684.5	774.9
47.5°	967.0	969.6	1015.7	1035.1	998.0	877.2	756.1	746.1	736.3	782.0	858.2
50°	968.4	972.6	1029.7	1076.9	1074.7	977.6	871.8	863.0	851.8	900.8	939.6
52.5°	948.8	957.2	1027.9	1103.3	1122.3	1066.1	992.0	984.8	975.6	1012.1	1008.1
55°	813.4	827.6	992.8	1105.7	1155.7	1142.1	1112.7	1102.7	1093.7	1119.7	1075.3
57.5°	749.1	757.1	886.0	1103.9	1198.3	1212.5	1217.5	1212.9	1200.3	1232.6	1145.5
60°	710.5	722.1	835.0	1083.9	1244.2	1292.0	1323.4	1314.2	1298.8	1343.4	1220.7
62.5°	664.3	672.7	784.2	1026.3	1271.6	1373.0	1422.8	1414.4	1382.6	1445.6	1281.4
65°	579.1	591.7	703.5	935.8	1234.8	1432.4	1516.3	1513.5	1458.3	1522.7	1298.0
67.5°	471.4	482.8	586.9	811.6	1127.3	1410.2	1569.3	1560.5	1492.7	1528.5	1245.4
70°	353.8	360.0	438.6	620.1	923.6	1291.6	1530.9	1529.1	1440.6	1442.6	1084.1
72.5°	189.9	207.1	291.7	415.0	649.5	1046.1	1364.4	1357.2	1285.2	1181.5	779.7
75°	66.4	71.4	155.3	233.1	352.8	696.9	1049.1	1032.3	961.2	768.5	424.8
77.5°	40.8	44.8	69.0	119.1	137.3	302.5	630.3	608.5	562.5	332.3	145.1
80°	28.2	31.8	46.2	62.4	46.8	98.0	290.1	281.9	216.9	79.2	33.4
82.5°	15.8	19.0	35.0	30.6	18.8	25.4	100.6	93.2	57.8	21.4	11.2
85°	9.2	11.0	24.6	21.6	9.6	9.0	26.2	23.4	15.0	8.0	5.4
87.5°	4.8	6.2	18.0	14.4	5.8	3.2	6.0	5.8	3.8	2.8	3.6
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°	371.8	371.8	371.8	371.8	371.8	371.8	371.8	371.8	371.8	371.8	371.8
2.5°	374.6	373.6	378.8	380.6	380.2	379.4	381.4	378.8	378.6	378.0	377.4
5°	381.4	383.0	387.2	387.2	381.6	372.4	366.8	359.2	352.8	349.0	348.4
7.5°	391.6	394.8	397.6	389.0	369.8	347.0	322.9	303.9	287.3	278.7	277.9
10°	406.0	409.0	406.8	382.2	341.0	293.9	254.5	214.9	195.1	184.3	184.3
12.5°	423.2	425.6	412.2	365.2	293.7	225.3	172.7	131.1	111.4	98.6	97.8
15°	441.8	442.4	411.4	335.6	235.1	151.3	99.2	72.8	64.4	62.6	62.2
17.5°	458.0	455.6	403.0	291.9	169.3	90.2	63.0	57.0	55.4	55.4	55.4
20°	473.2	465.2	386.2	240.9	108.6	61.4	54.2	52.6	52.6	52.8	52.8
22.5°	490.0	474.2	362.2	184.3	69.8	52.6	50.8	50.0	49.8	50.4	50.2
25°	509.8	483.0	327.9	127.3	54.0	49.0	48.2	47.4	47.4	47.4	47.4
27.5°	520.8	481.8	288.7	80.4	47.2	45.4	44.6	43.8	43.2	43.0	43.2
30°	530.4	474.8	237.5	56.2	42.6	40.6	40.0	39.0	37.8	37.4	37.4
32.5°	543.0	469.0	183.9	45.2	38.6	36.4	34.6	33.0	31.0	30.2	30.0
35°	557.0	458.4	134.7	39.8	35.0	32.2	29.4	26.8	24.2	23.4	23.2
37.5°	574.3	448.8	91.4	36.8	32.0	28.6	24.8	21.2	18.8	18.4	18.4
40°	597.9	440.8	63.2	34.2	29.2	25.2	20.6	16.8	15.2	14.8	14.8
42.5°	630.1	434.2	47.8	32.0	26.8	21.8	16.6	13.8	12.6	12.2	12.2
45°	668.1	424.0	40.4	30.0	24.4	18.4	13.8	11.6	11.0	11.0	11.0
47.5°	711.7	411.2	36.8	28.0	21.8	15.0	11.6	10.6	10.4	10.4	10.6
50°	755.7	396.0	34.2	25.6	18.8	12.8	10.6	10.0	10.0	10.2	10.2
52.5°	785.4	372.2	31.6	23.0	15.8	11.2	10.0	9.8	9.6	9.6	9.6
55°	814.4	351.4	28.0	20.2	13.2	10.4	9.6	9.4	9.4	9.2	9.2
57.5°	844.6	335.0	23.4	16.8	11.2	9.8	9.2	9.2	8.8	8.6	8.6
60°	879.6	320.7	18.0	13.2	9.8	9.2	8.6	8.4	8.0	7.6	7.6
62.5°	889.8	290.3	13.6	10.6	8.4	8.0	7.8	7.4	6.4	5.6	5.8
65°	863.2	242.5	10.8	8.4	6.8	6.8	6.2	5.2	4.2	3.6	3.6
67.5°	789.8	181.1	8.8	6.6	5.4	5.2	4.4	3.8	2.6	2.2	2.2
70°	650.9	119.7	7.2	5.2	4.4	3.6	3.0	2.8	2.0	1.6	1.6
72.5°	456.2	65.0	6.0	4.2	3.2	2.4	2.0	1.8	1.4	1.2	1.0
75°	240.9	25.0	4.8	3.2	2.0	1.6	1.2	1.2	1.0	0.8	0.8
77.5°	82.6	10.6	3.4	1.8	1.4	1.0	0.8	0.6	0.8	0.6	0.6
80°	19.6	6.2	2.2	1.2	0.8	0.6	0.6	0.4	0.4	0.4	0.4
82.5°	8.6	3.6	1.4	0.8	0.8	0.6	0.4	0.2	0.2	0.2	0.2
85°	5.8	2.2	1.0	0.8	0.6	0.4	0.2	0.2	0.0	0.0	0.0
87.5°	4.6	1.4	0.8	0.8	0.6	0.4	0.2	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)