

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: P674660

Luminaire Tested: **CCP-SA-1C-722-U-T3R-HSS**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P674660
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1C-722-U-T3R-HSS
Description: INVUE CLEAR CURVE POLE MOUNT Light Square Luminaire @615mA w/ T3R distribution lens and House Side Shield
Light Source: (16) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

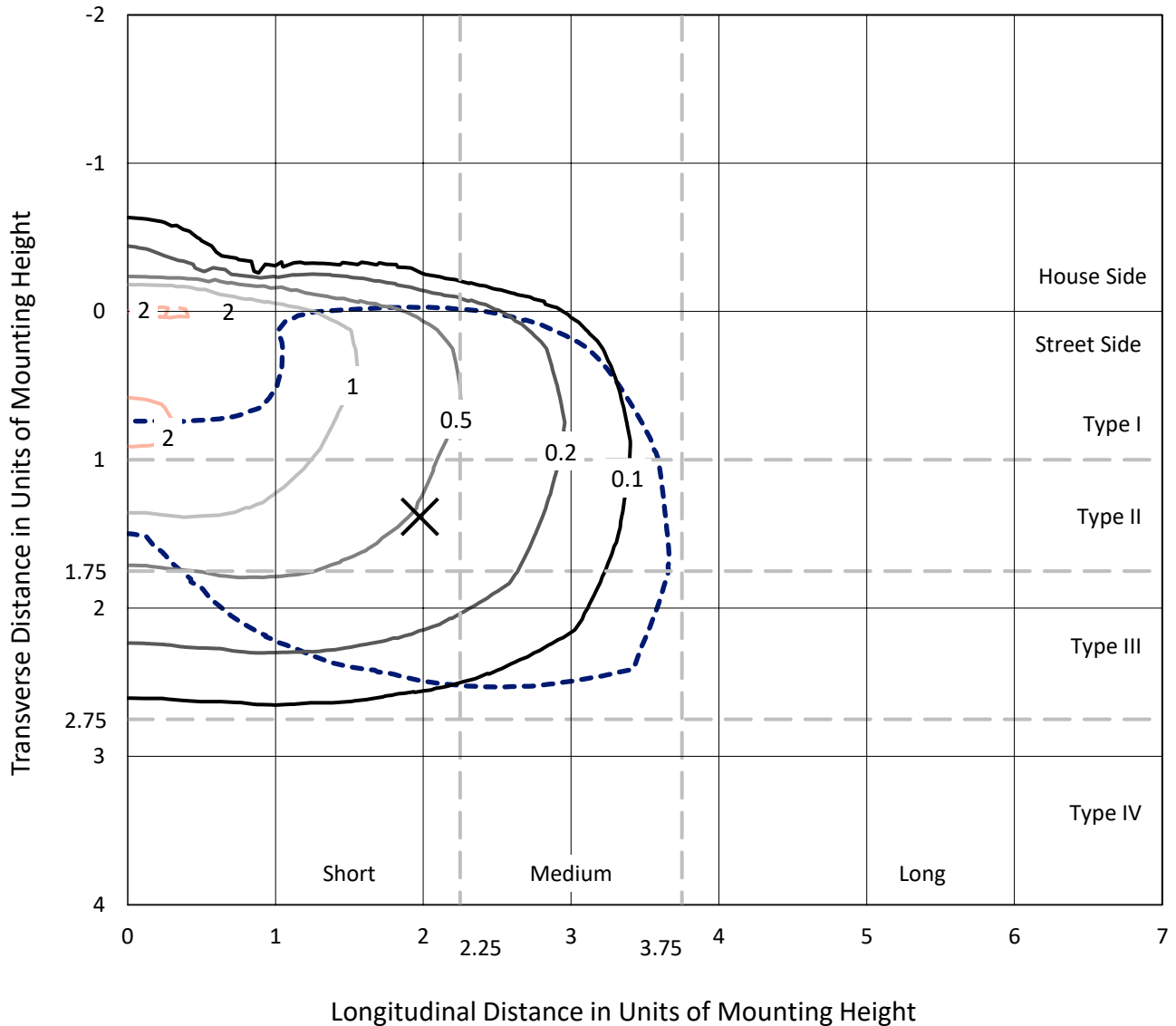
Lumens per Lamp: N/A
Luminaire Lumens: 2641.3 lumens
Efficiency: N/A
Efficacy: 82.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 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

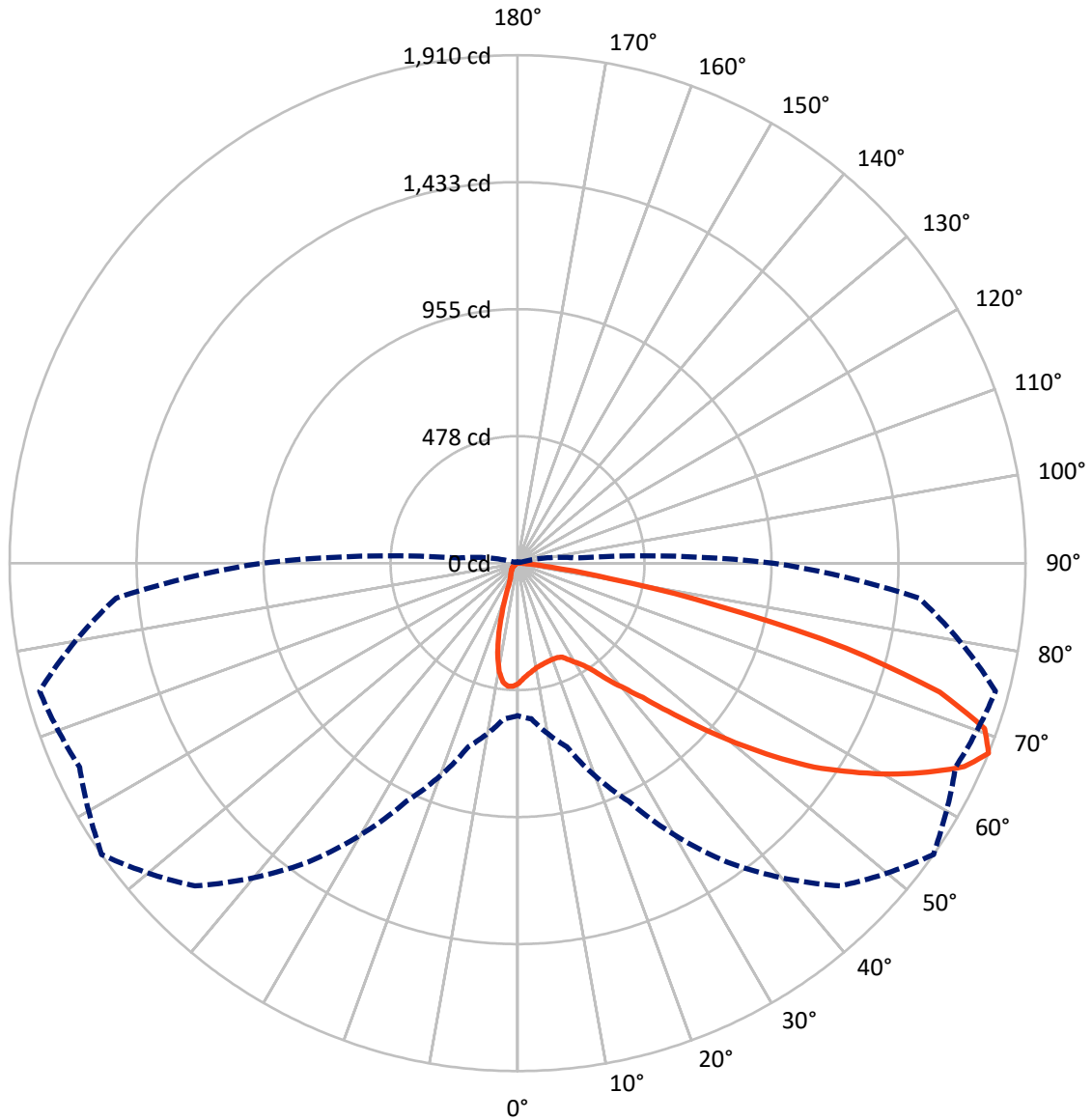
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.2 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	237.3	0.0	237.3
	% Fixture	9.0	0.0	9.0
Street Side	Lumens	2404.0	0.0	2404.0
	% Fixture	91.0	0.0	91.0
Total	Lumens	2641.3	0.0	2641.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.7	1.5
10°-20°	90.4	3.4
20°-30°	145.1	5.5
30°-40°	251.7	9.5
40°-50°	419.7	15.9
50°-60°	613.7	23.2
60°-70°	715.5	27.1
70°-80°	347.3	13.1
80°-90°	18.2	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°	2641.3	100.0
0°-180°	2641.3	100.0

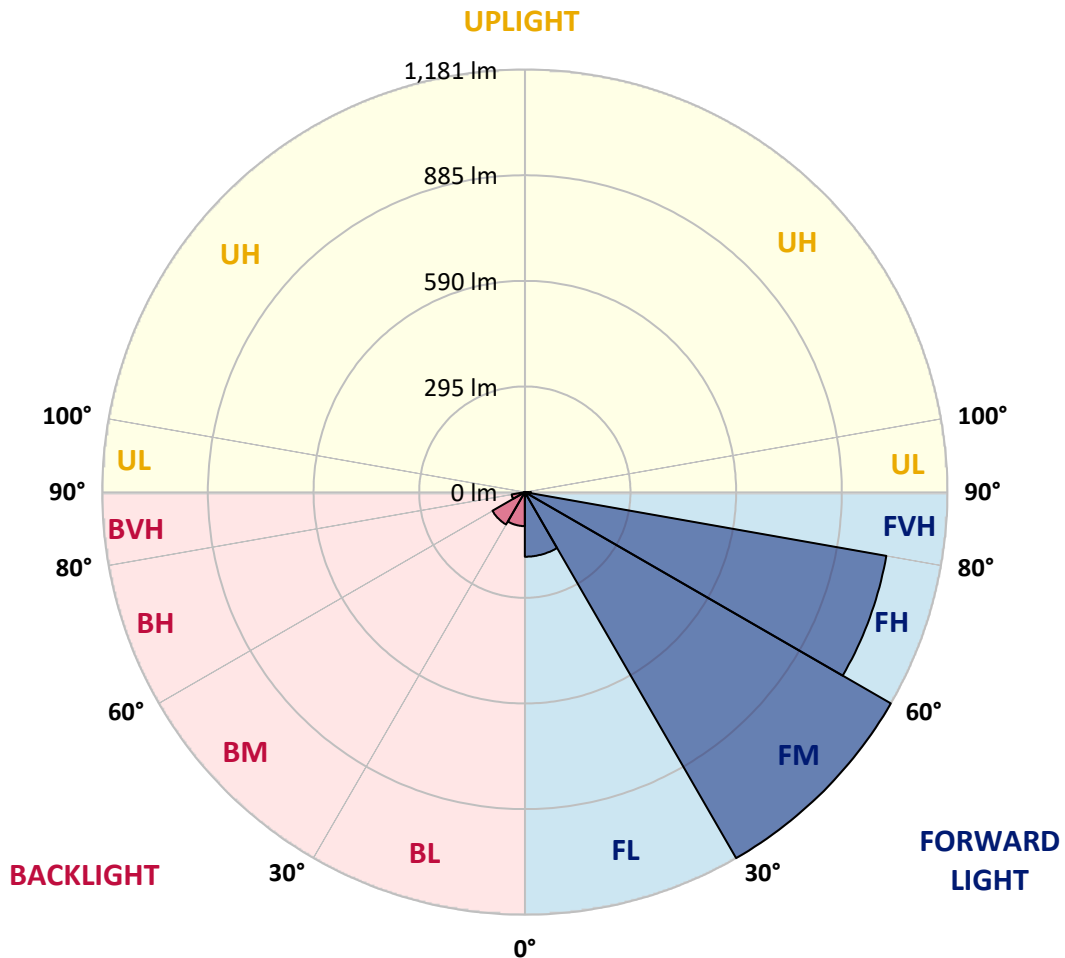


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	180.4	6.8			
FM (30°-60°)	1180.6	44.7			
FH (60°-80°)	1025.4	38.8			G1/1800
FVH (80°-90°)	17.6	0.7			G1/100
BL (0°-30°)	94.9	3.6	B0/110		
BM (30°-60°)	104.5	4.0	B0/220		
BH (60°-80°)	37.4	1.4	B0/110		G0/110
BVH (80°-90°)	0.5	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°	452.6	452.6	452.6	452.6	452.6	452.6	452.6	452.6	452.6	452.6	452.6
2.5°	417.8	420.5	423.9	425.1	429.3	435.1	433.4	432.2	438.8	447.8	450.7
5°	391.8	392.0	397.4	401.3	408.3	413.9	420.0	419.5	431.5	446.8	456.5
7.5°	366.2	366.7	372.3	378.4	388.6	399.6	408.8	408.3	427.6	448.0	466.5
10°	332.7	335.1	341.9	352.6	368.7	386.0	398.9	400.1	423.2	452.6	480.1
12.5°	305.7	306.9	314.4	328.3	347.3	369.9	394.0	393.3	424.2	461.2	497.9
15°	294.2	293.5	298.1	308.3	330.0	358.5	389.1	390.8	427.6	470.9	516.4
17.5°	296.9	296.2	298.6	302.2	317.6	349.0	386.4	389.4	432.9	481.1	533.7
20°	326.6	321.5	317.1	313.2	315.4	341.2	384.7	387.9	436.1	488.9	551.9
22.5°	383.8	377.4	365.8	344.1	329.7	341.7	385.2	389.4	443.1	501.6	574.1
25°	477.0	470.9	445.8	401.5	363.6	359.2	391.8	396.2	459.5	520.8	597.7
27.5°	600.4	586.7	556.3	492.8	419.5	387.2	411.5	416.4	482.6	535.6	613.7
30°	702.8	699.6	670.4	592.6	496.7	428.3	433.7	436.3	493.0	544.6	629.8
32.5°	809.2	802.6	775.8	700.1	586.2	487.0	458.5	459.7	506.7	558.0	653.2
35°	901.6	895.5	873.2	799.7	690.9	565.8	499.6	496.9	534.9	587.5	684.8
37.5°	987.3	986.6	966.8	891.9	784.8	647.6	560.2	558.0	578.9	619.8	727.6
40°	1071.0	1069.1	1052.3	983.9	877.3	729.1	617.9	612.3	616.4	665.1	784.1
42.5°	1122.4	1126.5	1132.3	1089.0	987.0	824.7	690.9	687.5	686.7	735.9	858.3
45°	1150.1	1157.4	1191.7	1187.8	1103.4	943.7	794.8	786.0	783.1	833.2	943.2
47.5°	1177.1	1180.3	1236.5	1260.1	1214.8	1067.8	920.4	908.2	896.3	952.0	1044.7
50°	1178.8	1183.9	1253.5	1311.0	1308.3	1190.0	1061.3	1050.6	1036.9	1096.6	1143.8
52.5°	1155.0	1165.2	1251.3	1343.1	1366.2	1297.8	1207.5	1198.8	1187.6	1232.1	1227.2
55°	990.2	1007.5	1208.5	1346.0	1406.8	1390.3	1354.5	1342.3	1331.4	1363.0	1309.0
57.5°	911.9	921.6	1078.5	1343.8	1458.7	1475.9	1482.0	1476.4	1461.1	1500.5	1394.4
60°	864.9	879.0	1016.5	1319.5	1514.6	1572.8	1611.0	1599.8	1581.1	1635.3	1485.9
62.5°	808.7	818.9	954.7	1249.4	1548.0	1671.4	1732.0	1721.7	1683.0	1759.7	1559.9
65°	705.0	720.3	856.4	1139.1	1503.2	1743.6	1845.8	1842.4	1775.3	1853.6	1580.1
67.5°	573.8	587.7	714.5	988.0	1372.3	1716.6	1910.3	1899.6	1817.1	1860.7	1516.1
70°	430.7	438.3	533.9	754.9	1124.3	1572.3	1863.6	1861.4	1753.6	1756.0	1319.7
72.5°	231.2	252.1	355.1	505.2	790.7	1273.5	1660.9	1652.1	1564.5	1438.2	949.1
75°	80.8	86.9	189.1	283.8	429.5	848.3	1277.1	1256.7	1170.1	935.5	517.1
77.5°	49.6	54.5	84.0	145.0	167.2	368.2	767.3	740.8	684.8	404.5	176.7
80°	34.3	38.7	56.2	75.9	56.9	119.2	353.1	343.1	264.0	96.4	40.6
82.5°	19.2	23.1	42.6	37.2	22.9	30.9	122.4	113.4	70.3	26.0	13.6
85°	11.2	13.4	29.9	26.3	11.7	11.0	31.9	28.5	18.3	9.7	6.6
87.5°	5.8	7.5	21.9	17.5	7.1	3.9	7.3	7.1	4.6	3.4	4.4
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°	452.6	452.6	452.6	452.6	452.6	452.6	452.6	452.6	452.6	452.6	452.6
2.5°	456.0	454.8	461.2	463.3	462.9	461.9	464.3	461.2	460.9	460.2	459.5
5°	464.3	466.3	471.4	471.4	464.6	453.4	446.6	437.3	429.5	424.9	424.2
7.5°	476.7	480.6	484.0	473.6	450.2	422.5	393.0	369.9	349.7	339.2	338.3
10°	494.3	497.9	495.2	465.3	415.2	357.7	309.8	261.6	237.5	224.4	224.4
12.5°	515.2	518.1	501.8	444.6	357.5	274.3	210.3	159.6	135.5	120.0	119.0
15°	537.8	538.5	500.8	408.6	286.2	184.2	120.7	88.6	78.4	76.2	75.7
17.5°	557.5	554.6	490.6	355.3	206.1	109.8	76.7	69.4	67.4	67.4	67.4
20°	576.0	566.3	470.2	293.2	132.1	74.7	65.9	64.0	64.0	64.2	64.2
22.5°	596.5	577.2	441.0	224.4	84.9	64.0	61.8	60.8	60.6	61.3	61.1
25°	620.6	587.9	399.1	155.0	65.7	59.6	58.6	57.7	57.7	57.7	57.7
27.5°	633.9	586.5	351.4	97.8	57.4	55.2	54.3	53.3	52.6	52.3	52.6
30°	645.6	578.0	289.1	68.4	51.8	49.4	48.7	47.5	46.0	45.5	45.5
32.5°	661.0	570.9	223.9	55.0	47.0	44.3	42.1	40.2	37.7	36.7	36.5
35°	678.0	558.0	164.0	48.4	42.6	39.2	35.8	32.6	29.4	28.5	28.2
37.5°	699.2	546.3	111.2	44.8	38.9	34.8	30.2	25.8	22.9	22.4	22.4
40°	727.9	536.6	76.9	41.6	35.5	30.7	25.1	20.4	18.5	18.0	18.0
42.5°	767.1	528.6	58.2	38.9	32.6	26.5	20.2	16.8	15.3	14.8	14.8
45°	813.3	516.2	49.2	36.5	29.7	22.4	16.8	14.1	13.4	13.4	13.4
47.5°	866.3	500.6	44.8	34.1	26.5	18.3	14.1	12.9	12.7	12.7	12.9
50°	919.9	482.1	41.6	31.1	22.9	15.6	12.9	12.2	12.2	12.4	12.4
52.5°	956.1	453.1	38.5	28.0	19.2	13.6	12.2	11.9	11.7	11.7	11.7
55°	991.4	427.8	34.1	24.6	16.1	12.7	11.7	11.4	11.4	11.2	11.2
57.5°	1028.2	407.9	28.5	20.4	13.6	11.9	11.2	11.2	10.7	10.5	10.5
60°	1070.8	390.3	21.9	16.1	11.9	11.2	10.5	10.2	9.7	9.2	9.2
62.5°	1083.2	353.4	16.5	12.9	10.2	9.7	9.5	9.0	7.8	6.8	7.1
65°	1050.8	295.2	13.1	10.2	8.3	8.3	7.5	6.3	5.1	4.4	4.4
67.5°	961.5	220.5	10.7	8.0	6.6	6.3	5.4	4.6	3.2	2.7	2.7
70°	792.4	145.8	8.8	6.3	5.4	4.4	3.7	3.4	2.4	1.9	1.9
72.5°	555.3	79.1	7.3	5.1	3.9	2.9	2.4	2.2	1.7	1.5	1.2
75°	293.2	30.4	5.8	3.9	2.4	1.9	1.5	1.5	1.2	1.0	1.0
77.5°	100.5	12.9	4.1	2.2	1.7	1.2	1.0	0.7	1.0	0.7	0.7
80°	23.8	7.5	2.7	1.5	1.0	0.7	0.7	0.5	0.5	0.5	0.5
82.5°	10.5	4.4	1.7	1.0	1.0	0.7	0.5	0.2	0.2	0.2	0.2
85°	7.1	2.7	1.2	1.0	0.7	0.5	0.2	0.2	0.0	0.0	0.0
87.5°	5.6	1.7	1.0	1.0	0.7	0.5	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)