

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: P672068

Luminaire Tested: **CCP-SA-1C-722-U-T2R**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672068
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-T2R
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ T2R distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

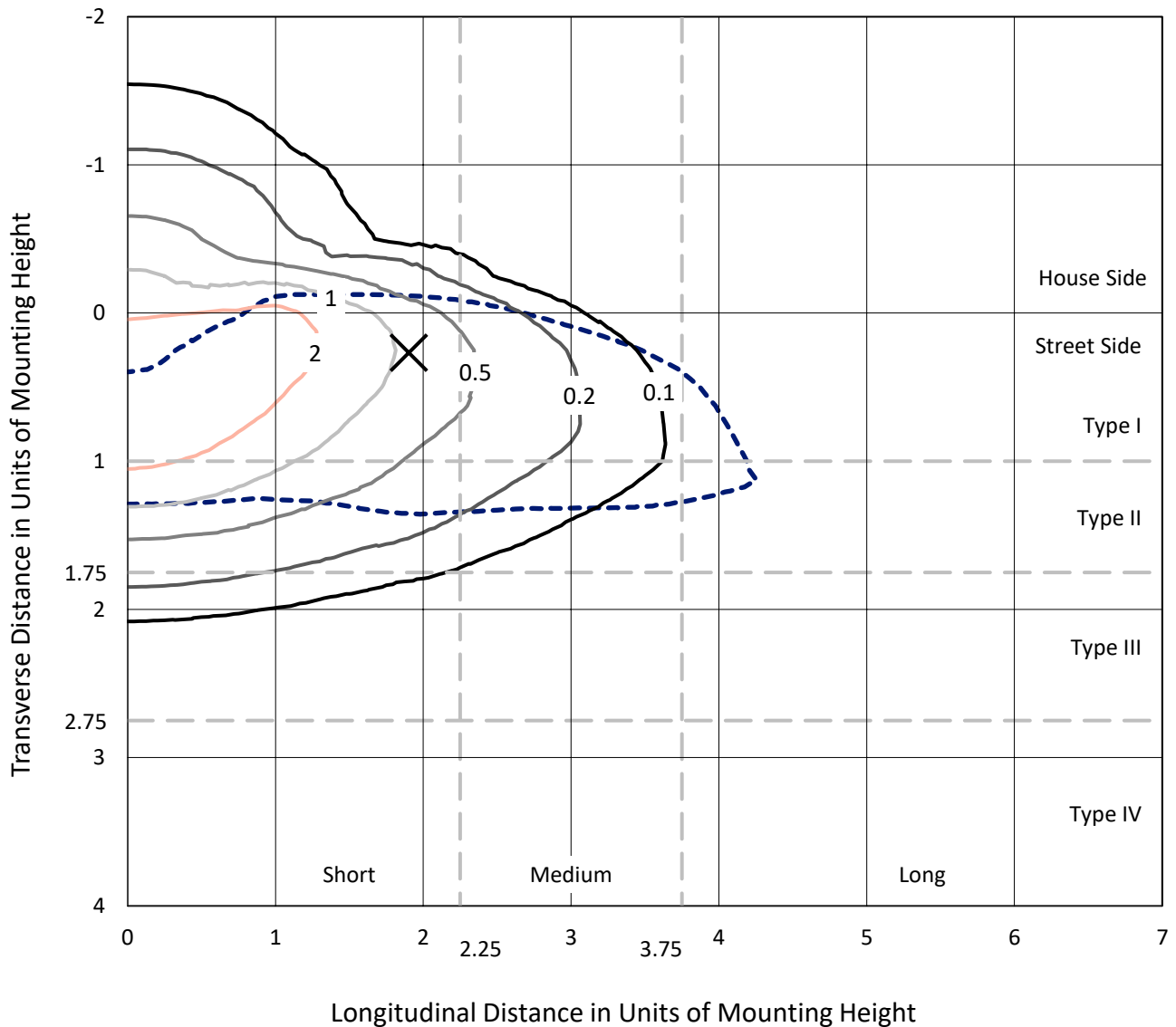
Lumens per Lamp: N/A
Luminaire Lumens: 3382.9 lumens
Efficiency: N/A
Efficacy: 105.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B1 - U0 - G1

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

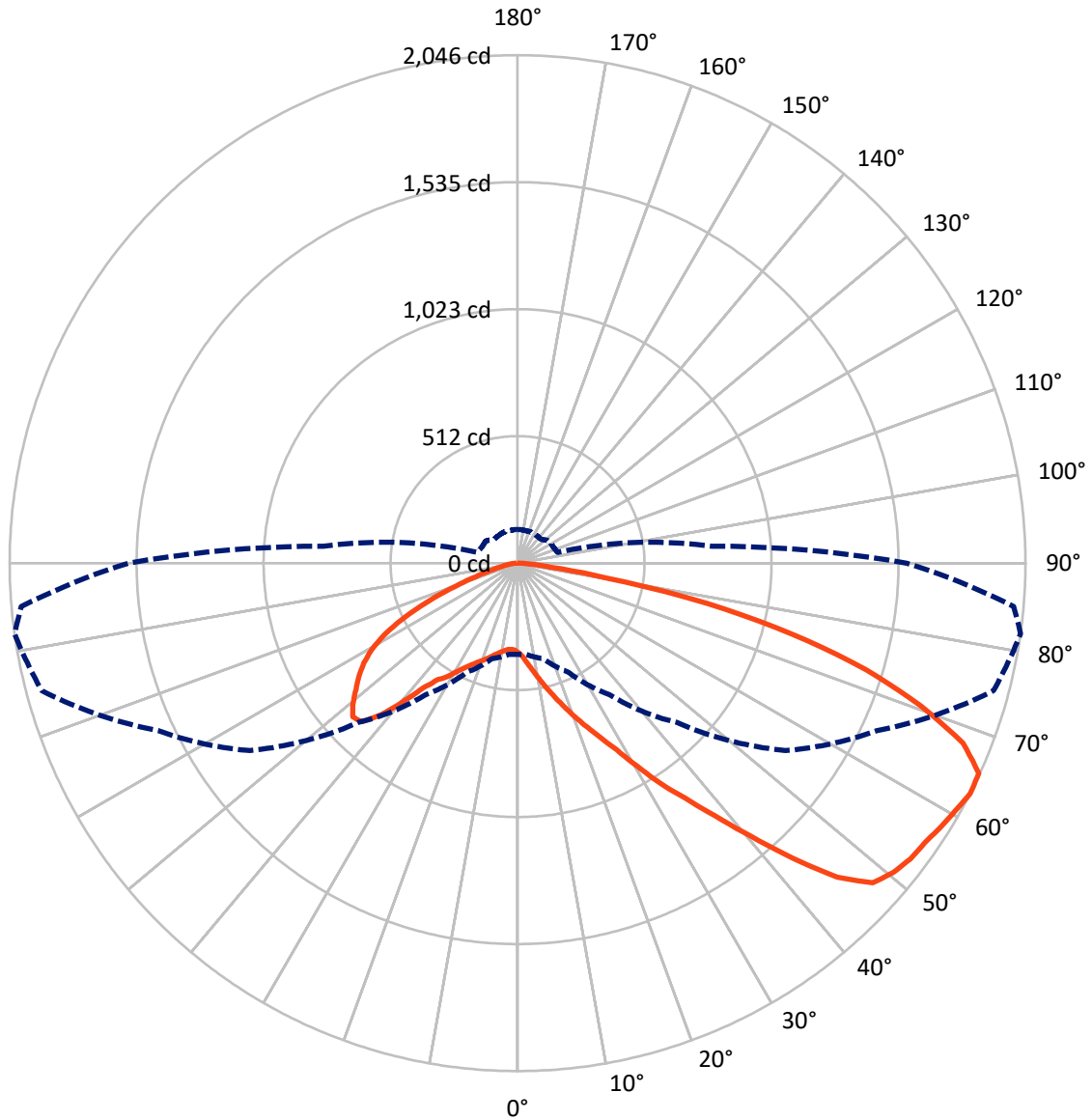
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 82-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	637.3	0.0	637.3
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	2745.5	0.0	2745.5
	% Fixture	81.2	0.0	81.2
Total	Lumens	3382.9	0.0	3382.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.8	1.2
10°-20°	150.1	4.4
20°-30°	310.9	9.2
30°-40°	527.8	15.6
40°-50°	718.7	21.2
50°-60°	727.5	21.5
60°-70°	573.3	16.9
70°-80°	282.4	8.3
80°-90°	52.2	1.5
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°	3382.9	100.0
0°-180°	3382.9	100.0



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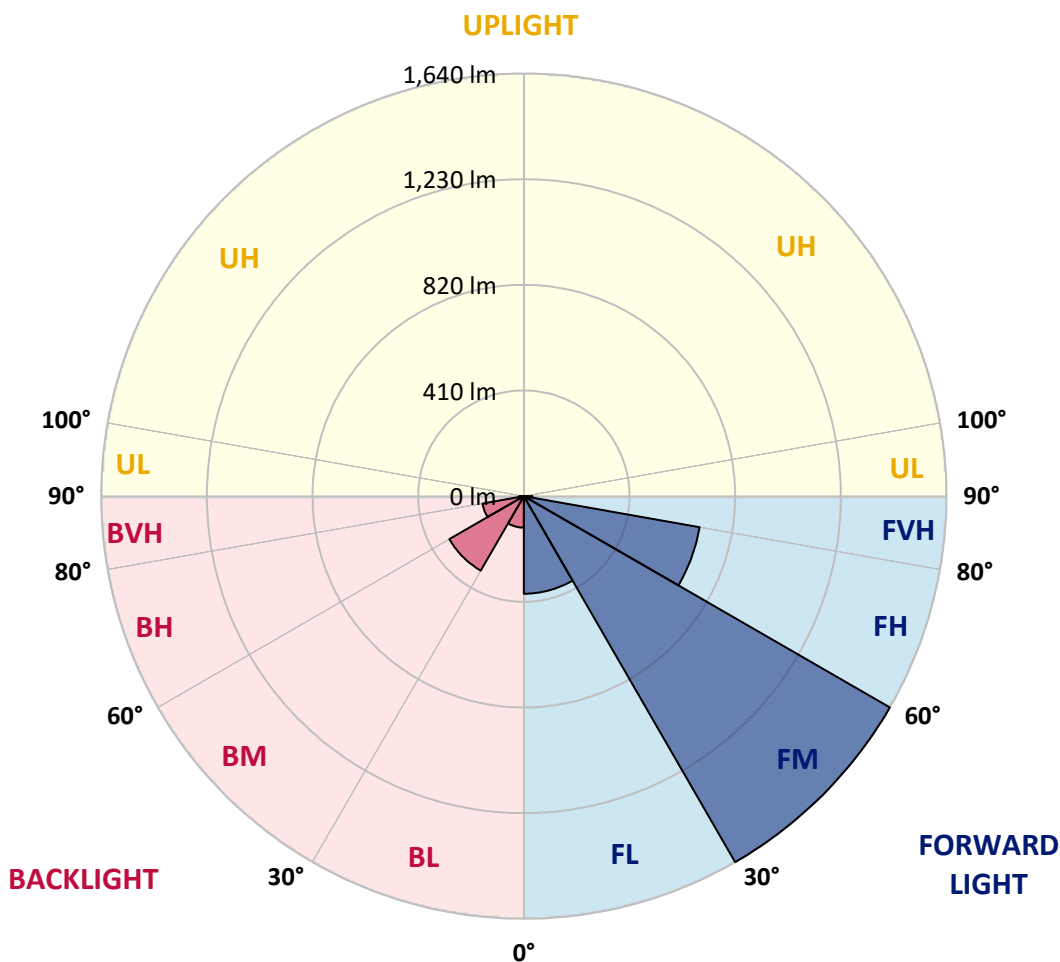
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	378.6	11.2			
FM (30°-60°)	1640.1	48.5			
FH (60°-80°)	692.9	20.5			G1/1800
FVH (80°-90°)	33.9	1.0			G1/100
BL (0°-30°)	122.3	3.6	B1/500		
BM (30°-60°)	333.8	9.9	B1/1000		
BH (60°-80°)	162.9	4.8	B1/500		G1/500
BVH (80°-90°)	18.3	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 II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	359.7	359.7	359.7	359.7	359.7	359.7	359.7	359.7	359.7	359.7	359.7
2.5°	479.1	471.8	467.9	463.5	451.3	443.5	428.9	411.9	392.1	375.3	372.2
5°	580.2	572.9	573.8	563.1	545.3	528.8	501.5	469.3	431.8	403.1	393.1
7.5°	651.5	643.5	645.4	641.1	626.7	608.4	573.8	532.4	477.6	435.0	418.9
10°	699.3	700.2	701.7	700.0	690.7	677.8	643.5	597.7	529.5	472.8	450.8
12.5°	753.3	756.0	755.5	756.3	751.4	741.2	707.6	664.4	584.8	513.4	484.9
15°	822.3	819.6	821.8	825.0	819.6	808.4	778.7	727.5	642.8	558.7	523.4
17.5°	897.8	892.2	898.0	894.9	891.0	883.7	851.0	796.5	702.7	607.7	566.3
20°	963.1	959.4	962.6	963.1	963.8	962.3	928.7	870.7	765.5	661.0	612.6
22.5°	1036.4	1034.7	1034.2	1034.4	1035.1	1036.9	1014.0	952.1	835.2	717.1	662.5
25°	1138.9	1137.2	1126.0	1113.6	1106.3	1111.6	1099.7	1044.4	912.1	779.9	717.3
27.5°	1253.9	1251.2	1236.3	1204.9	1181.5	1185.4	1184.2	1146.2	1000.8	852.0	783.1
30°	1373.2	1366.6	1346.2	1302.1	1265.3	1258.5	1261.9	1249.2	1112.4	947.7	874.6
32.5°	1479.7	1467.5	1440.4	1395.9	1352.0	1332.3	1332.8	1338.4	1233.7	1059.3	970.6
35°	1544.7	1536.6	1516.4	1471.4	1422.4	1409.3	1405.6	1433.6	1345.0	1162.5	1056.6
37.5°	1579.8	1572.0	1550.3	1514.0	1477.0	1471.6	1478.4	1521.8	1471.4	1291.4	1173.5
40°	1573.4	1565.1	1551.0	1525.7	1501.3	1505.5	1535.7	1602.7	1609.5	1445.6	1340.1
42.5°	1521.3	1512.5	1511.3	1509.6	1498.2	1516.4	1571.0	1661.8	1736.4	1623.6	1541.8
45°	1429.2	1423.9	1430.2	1459.4	1473.8	1509.1	1587.5	1690.6	1847.9	1804.6	1732.5
47.5°	1312.6	1309.4	1323.8	1370.0	1416.6	1486.7	1598.5	1698.4	1924.6	1924.6	1857.4
50°	1182.0	1180.8	1199.8	1267.0	1339.8	1445.6	1597.3	1705.7	1958.3	1960.0	1901.5
52.5°	999.8	1006.2	1056.8	1145.5	1244.4	1381.0	1580.2	1726.1	1977.3	1981.1	1931.0
55°	789.9	796.0	872.4	991.8	1118.4	1302.6	1529.3	1720.0	1980.9	1989.7	1947.8
57.5°	630.6	631.8	679.5	821.3	978.2	1202.2	1470.6	1679.6	1970.2	2008.4	1973.6
60°	493.5	497.4	529.3	641.5	815.5	1072.9	1405.1	1639.7	1976.3	2026.2	1997.0
62.5°	367.5	368.5	398.2	485.2	647.9	908.0	1316.2	1597.0	1984.8	2046.2	2006.5
65°	239.4	239.2	267.9	346.3	484.0	730.0	1176.7	1530.3	1985.5	2041.8	1962.9
67.5°	152.2	153.2	165.6	215.1	323.9	550.9	986.7	1406.3	1950.9	1935.6	1804.1
70°	123.5	123.7	127.6	140.5	197.3	376.5	741.7	1212.5	1841.6	1723.9	1568.1
72.5°	110.1	110.3	112.3	113.7	131.5	226.3	486.6	984.5	1647.2	1469.4	1300.9
75°	98.9	98.9	100.1	98.6	107.9	142.0	276.2	740.2	1356.7	1144.3	982.8
77.5°	86.7	86.5	86.5	85.7	93.3	103.8	138.3	516.6	977.2	780.4	637.4
80°	73.6	73.1	73.8	73.3	80.6	78.7	80.6	318.8	529.8	357.8	271.3
82.5°	57.2	57.2	59.4	59.9	66.5	57.0	56.8	151.3	201.2	133.7	100.1
85°	30.0	33.6	45.3	47.3	50.2	35.8	41.6	70.6	80.6	51.1	36.5
87.5°	9.0	9.5	27.8	31.2	30.9	18.0	25.6	34.1	37.8	22.7	14.9
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°	359.7	359.7	359.7	359.7	359.7	359.7	359.7	359.7	359.7	359.7	359.7
2.5°	364.1	355.6	337.6	321.5	309.3	297.6	289.6	285.5	280.1	280.8	279.1
5°	375.3	357.8	325.9	300.1	282.8	269.6	261.6	257.4	253.6	251.6	253.1
7.5°	392.1	364.9	320.3	289.1	271.1	259.9	255.5	254.3	253.3	252.6	253.8
10°	413.8	377.3	319.3	285.2	268.7	261.8	260.1	259.4	258.4	257.4	258.2
12.5°	436.0	390.9	322.7	286.2	272.5	267.4	265.2	264.3	261.8	260.6	260.9
15°	463.7	407.5	327.3	290.1	277.7	271.1	268.2	265.5	261.6	259.9	260.6
17.5°	493.5	427.2	333.7	293.7	279.6	271.6	265.7	261.8	257.9	255.5	255.7
20°	527.1	446.7	339.3	295.0	278.6	267.4	260.4	255.7	250.6	247.9	247.2
22.5°	561.9	467.2	343.7	294.0	273.3	260.4	252.3	246.7	240.6	236.5	236.7
25°	604.3	494.9	347.3	290.6	266.2	251.1	242.1	235.0	228.7	224.8	225.1
27.5°	655.2	526.3	351.7	285.2	257.7	241.1	230.7	223.6	217.5	213.8	213.4
30°	723.1	567.3	356.6	278.6	247.0	230.2	219.9	212.6	206.8	203.4	203.4
32.5°	799.6	617.2	360.0	270.8	235.0	218.5	209.2	203.4	199.0	194.4	193.9
35°	866.1	655.9	370.5	264.8	224.6	207.5	201.2	197.0	190.5	186.1	185.4
37.5°	963.8	724.1	401.4	263.0	211.9	199.0	197.8	190.0	182.4	174.1	173.4
40°	1121.1	842.2	437.4	254.8	198.7	194.4	193.1	182.7	164.9	159.8	158.8
42.5°	1321.3	984.5	441.3	230.7	189.5	190.5	186.8	166.4	158.6	154.7	153.7
45°	1502.1	1099.9	419.2	206.1	182.7	184.6	177.1	160.3	155.9	152.2	151.3
47.5°	1603.6	1135.5	377.3	187.5	177.6	179.5	161.5	157.3	153.0	149.3	148.3
50°	1632.1	1104.6	328.6	176.8	173.7	174.4	157.3	154.9	151.0	148.1	146.6
52.5°	1637.7	1058.3	283.5	170.5	170.7	164.2	153.7	151.7	149.3	144.7	143.0
55°	1640.2	1016.6	243.1	166.6	168.8	151.0	149.8	148.3	146.4	141.5	140.5
57.5°	1646.5	963.3	211.4	163.7	166.4	144.9	145.4	144.4	142.0	139.8	139.3
60°	1628.5	889.5	187.1	160.8	162.9	139.8	140.3	140.8	138.6	138.1	137.9
62.5°	1568.1	784.8	166.4	156.9	155.9	134.7	134.7	136.6	134.7	135.4	135.4
65°	1443.6	651.3	147.8	149.5	144.9	129.1	128.8	132.3	129.3	132.5	132.7
67.5°	1231.5	493.0	128.8	138.1	133.5	123.2	124.2	126.9	123.0	129.6	129.6
70°	974.7	335.4	109.1	122.0	121.8	116.7	119.8	119.6	115.2	124.9	123.2
72.5°	726.1	215.3	88.9	102.3	106.4	109.6	115.4	110.3	106.2	111.8	106.7
75°	507.3	134.9	70.1	80.9	88.7	101.8	110.1	99.9	93.8	92.1	90.6
77.5°	303.7	86.2	55.3	61.6	69.2	92.6	103.3	88.9	79.6	78.7	75.7
80°	140.0	56.3	42.1	46.0	49.2	79.4	94.0	76.0	64.8	63.8	60.4
82.5°	63.3	37.0	31.4	32.9	33.1	63.1	79.4	60.2	49.4	80.1	69.4
85°	29.5	23.9	20.5	19.5	19.7	42.1	57.7	41.4	56.3	43.8	33.4
87.5°	12.7	12.2	10.5	8.3	7.6	9.0	22.2	17.3	24.6	9.7	6.6
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)