

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: P672255

Luminaire Tested: **CCP-SA-1B-740-U-T3R**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672255
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1B-740-U-T3R
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ T3R distribution lens
Light Source: (16) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

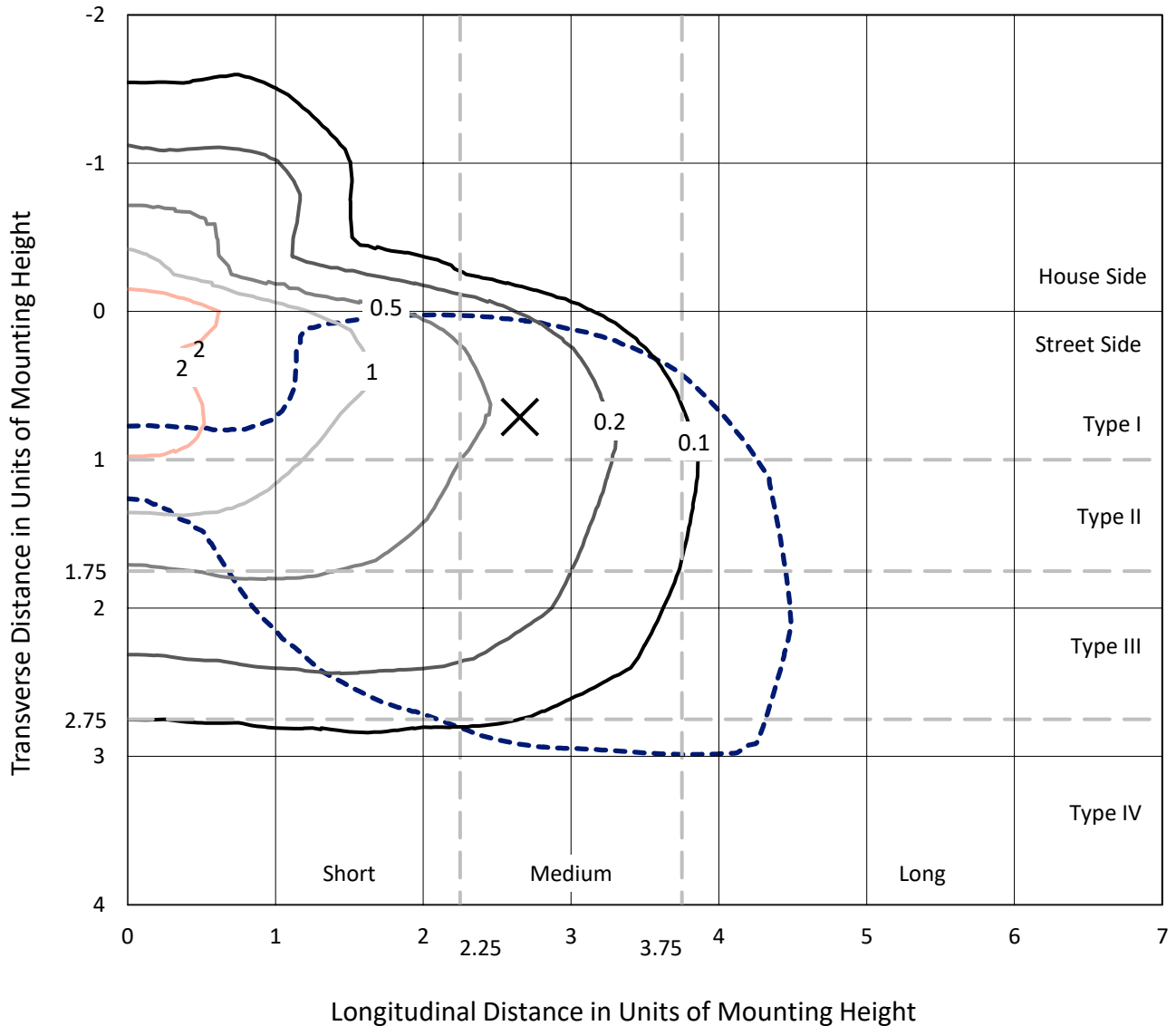
Lumens per Lamp: N/A
Luminaire Lumens: 3510.2 lumens
Efficiency: N/A
Efficacy: 146.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 24
Input Voltage (V): 120
Input Current (A_{in}): 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

REPORT NUMBER: P672255
 CATALOG NUMBER: CCP-SA-1B-740-U-T3R

Iso-Footcandle Lines of Horizontal Illumination

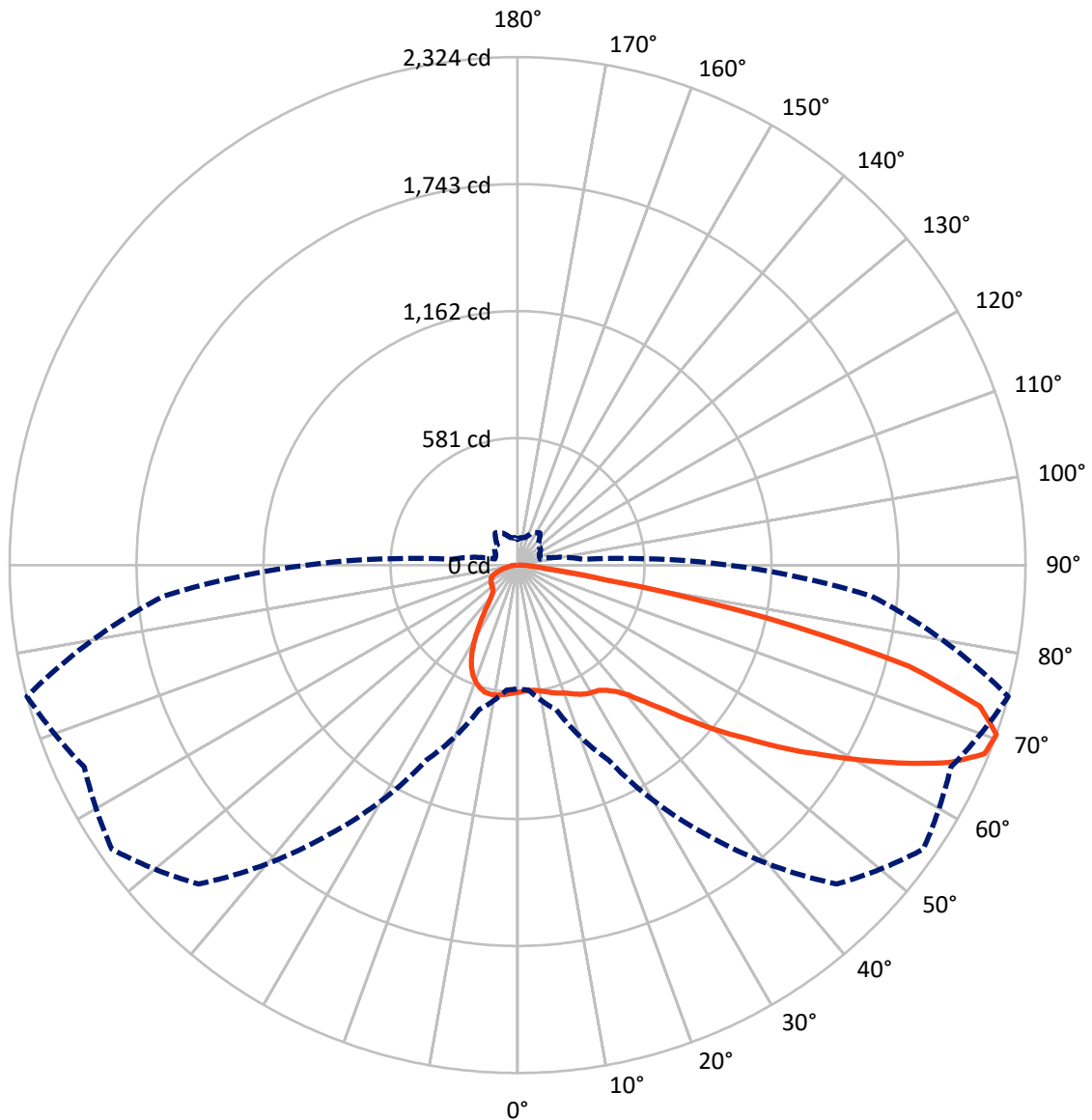
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.7 fc
 Type IV - Medium - N/A

REPORT NUMBER: P672255
CATALOG NUMBER: CCP-SA-1B-740-U-T3R

Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

REPORT NUMBER: P672255

CATALOG NUMBER: CCP-SA-1B-740-U-T3R

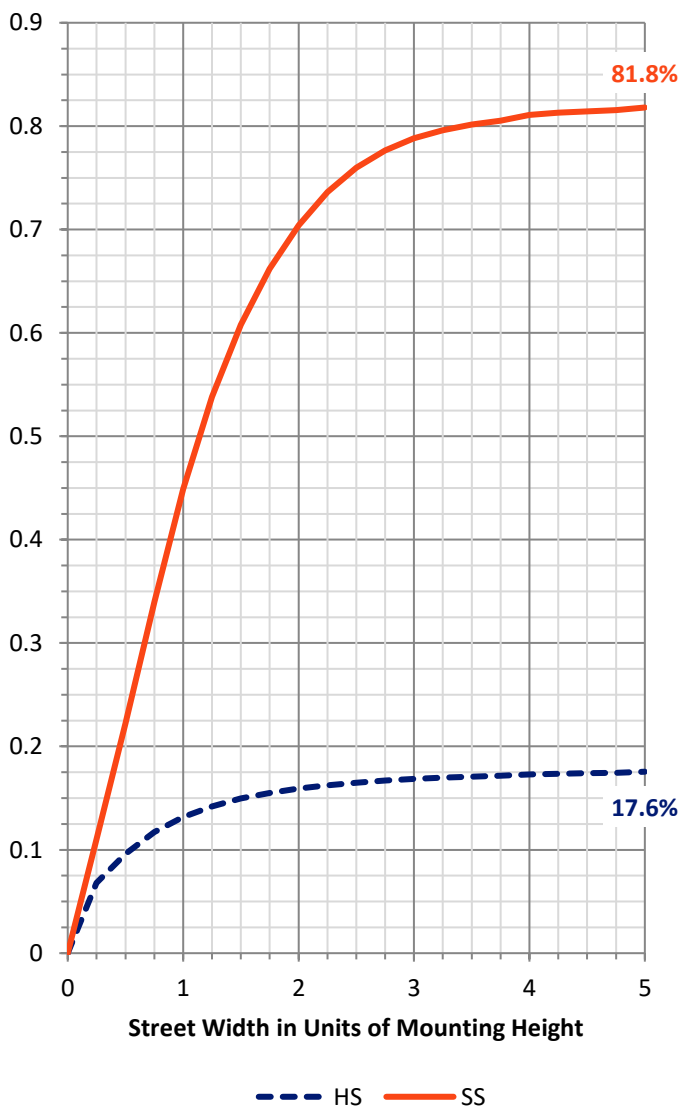
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	624.5	0.0	624.5
	% Fixture	17.8	0.0	17.8
Street Side	Lumens	2885.7	0.0	2885.7
	% Fixture	82.2	0.0	82.2
Total	Lumens	3510.2	0.0	3510.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.2	1.5
10°-20°	139.4	4.0
20°-30°	234.9	6.7
30°-40°	356.7	10.2
40°-50°	511.0	14.6
50°-60°	677.5	19.3
60°-70°	847.9	24.2
70°-80°	619.2	17.6
80°-90°	71.4	2.0
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°	3510.2	100.0
0°-180°	3510.2	100.0



REPORT NUMBER: P672255

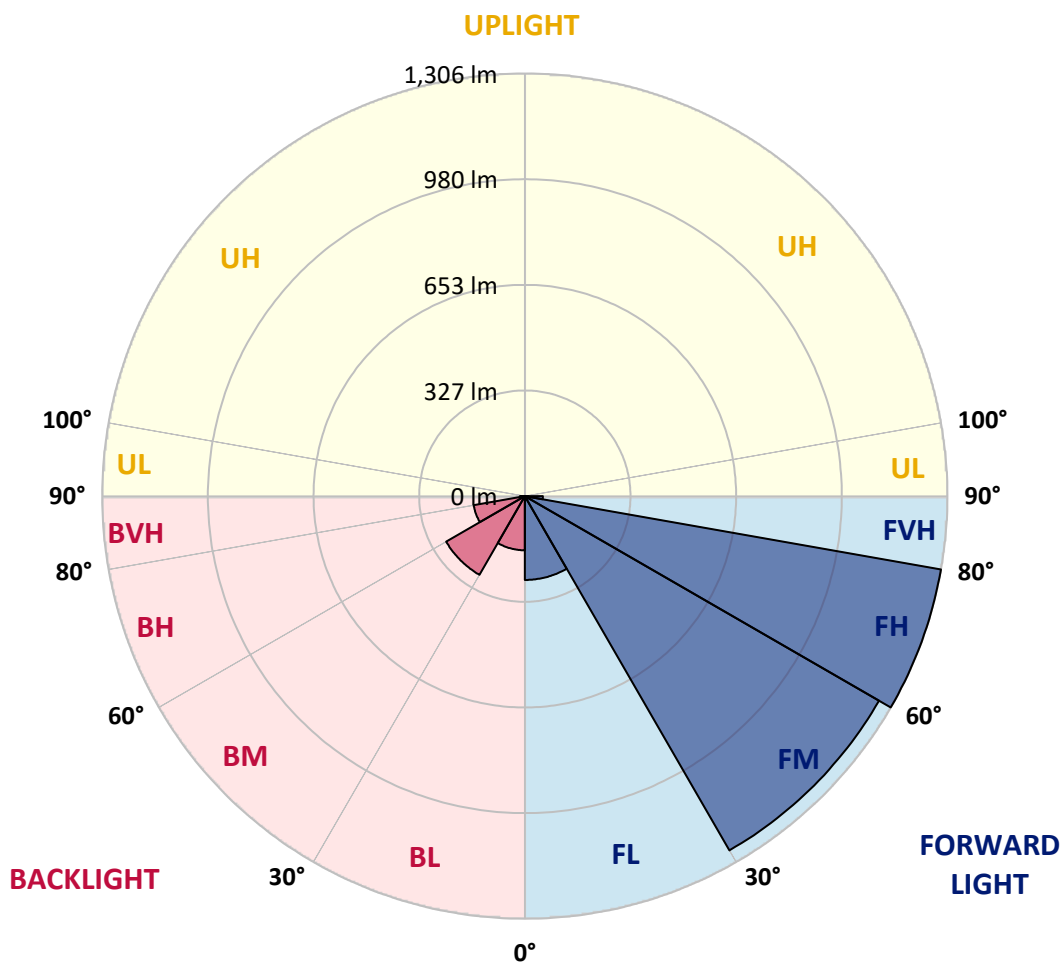
CATALOG NUMBER: CCP-SA-1B-740-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	259.1	7.4			
FM	(30°-60°)	1264.5	36.0			
FH	(60°-80°)	1306.4	37.2			G1/1800
FVH	(80°-90°)	55.7	1.6			G1/100
BL	(0°-30°)	167.4	4.8	B1/500		
BM	(30°-60°)	280.8	8.0	B1/1000		
BH	(60°-80°)	160.6	4.6	B1/500		G1/500
BVH	(80°-90°)	15.7	0.4			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 IV Medium





REPORT NUMBER: P672255

CATALOG NUMBER: CCP-SA-1B-740-U-T3R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	74°	75°	85°
0°	581.4	581.4	581.4	581.4	581.4	581.4	581.4	581.4	581.4	581.4	581.4
2.5°	549.6	552.6	555.4	558.2	560.5	566.5	567.8	574.4	576.1	577.7	579.7
5°	518.8	521.1	523.9	528.4	533.2	544.1	551.6	566.0	574.1	576.6	583.7
7.5°	502.1	502.9	506.7	510.5	516.0	526.6	537.0	559.5	575.6	578.4	593.6
10°	490.0	491.0	494.6	499.9	505.4	515.3	528.1	554.9	581.2	585.5	607.0
12.5°	485.7	485.2	489.2	492.8	500.6	513.0	526.4	555.2	588.8	594.8	626.4
15°	502.9	499.6	502.1	500.9	503.4	515.5	531.4	560.7	598.1	605.7	646.6
17.5°	540.8	538.0	536.2	525.4	518.3	525.1	540.3	568.6	608.0	616.0	664.8
20°	597.4	589.5	583.0	564.8	545.1	542.8	553.4	576.4	617.3	625.1	684.0
22.5°	661.8	655.4	644.8	613.0	582.5	567.3	570.1	590.8	630.9	639.5	706.0
25°	743.1	742.8	721.1	678.2	632.0	601.4	595.6	613.8	646.4	654.7	724.1
27.5°	835.8	829.5	803.7	748.4	690.3	643.6	629.9	637.3	658.7	667.3	738.8
30°	915.1	915.9	889.6	829.2	752.4	684.7	659.0	654.2	666.8	675.4	752.4
32.5°	1000.0	995.7	971.7	909.5	819.6	728.9	677.7	666.3	675.1	683.2	771.4
35°	1079.8	1075.0	1054.3	987.3	893.6	777.7	702.9	685.3	694.8	703.7	794.6
37.5°	1155.8	1156.6	1133.1	1069.2	965.4	835.3	740.3	713.8	724.1	734.0	830.0
40°	1222.2	1218.4	1200.3	1142.7	1039.9	893.9	782.5	752.7	772.9	782.0	874.7
42.5°	1243.5	1243.2	1250.3	1214.9	1118.2	963.6	835.0	813.3	841.9	855.5	929.5
45°	1225.0	1230.6	1271.5	1270.5	1196.5	1043.7	906.8	887.1	928.2	943.6	996.4
47.5°	1206.8	1215.2	1270.7	1302.3	1266.7	1131.8	994.9	980.3	1039.4	1061.6	1065.9
50°	1180.3	1188.1	1254.3	1306.9	1309.6	1221.0	1109.1	1090.6	1166.7	1189.4	1141.4
52.5°	1150.8	1156.8	1225.3	1303.6	1330.1	1290.7	1221.0	1215.7	1303.1	1321.5	1218.2
55°	987.6	1013.4	1182.6	1296.5	1344.2	1344.0	1329.8	1347.3	1451.8	1479.4	1303.8
57.5°	893.9	907.5	1062.4	1292.5	1370.8	1393.2	1442.2	1479.6	1610.7	1635.5	1398.3
60°	863.3	875.4	1002.0	1287.7	1423.5	1470.3	1552.1	1612.7	1781.4	1811.8	1503.9
62.5°	835.5	850.2	977.5	1249.5	1487.4	1592.3	1683.2	1756.7	1961.5	1997.4	1608.9
65°	779.0	789.3	932.5	1217.4	1548.1	1766.3	1872.4	1915.3	2136.1	2176.5	1678.6
67.5°	681.2	691.1	831.2	1143.7	1587.5	1947.4	2079.2	2079.5	2271.0	2304.0	1693.3
70°	566.3	573.9	685.3	983.0	1505.4	2063.6	2265.9	2186.8	2309.1	2323.5	1623.6
72.5°	404.9	411.5	501.9	726.7	1234.4	1969.4	2308.3	2182.3	2216.6	2212.1	1425.3
75°	249.5	262.2	307.4	443.5	767.1	1549.6	2077.5	1977.5	1861.3	1848.6	1073.2
77.5°	162.7	169.2	207.9	261.7	338.5	889.6	1577.9	1482.6	1175.3	1160.6	576.9
80°	97.7	108.6	136.1	164.4	153.3	340.2	901.0	736.5	415.2	410.7	177.3
82.5°	52.5	62.4	96.0	101.8	86.1	120.2	326.3	239.4	132.9	131.3	66.4
85°	41.7	46.5	69.0	64.4	48.7	60.9	127.3	99.8	68.2	66.7	25.0
87.5°	25.3	31.8	52.3	43.4	24.2	22.0	58.3	47.2	32.1	29.8	9.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P672255
 CATALOG NUMBER: CCP-SA-1B-740-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	581.4	581.4	581.4	581.4	581.4	581.4	581.4	581.4	581.4	581.4	581.4
2.5°	583.5	584.7	586.0	583.5	584.5	583.2	583.2	583.2	579.9	578.9	581.9
5°	589.0	590.8	591.8	584.0	579.2	572.1	566.3	557.4	552.4	549.1	549.1
7.5°	600.4	602.4	597.9	580.4	563.5	544.6	525.1	508.9	497.3	492.3	493.8
10°	617.1	617.8	602.7	570.6	534.5	499.4	471.8	450.4	436.0	428.6	427.6
12.5°	636.5	633.2	603.7	548.9	495.3	448.1	414.5	386.7	368.3	361.2	357.7
15°	655.7	647.9	599.9	522.8	450.9	394.0	351.1	324.8	313.5	310.2	308.9
17.5°	672.9	658.2	587.2	485.5	399.3	330.9	299.3	290.0	291.2	294.3	295.5
20°	688.5	666.1	569.1	441.0	334.9	281.6	273.8	282.4	289.5	294.0	294.8
22.5°	705.7	673.6	543.8	387.0	282.1	258.9	268.2	278.1	285.2	289.7	290.5
25°	718.8	673.4	508.2	322.8	248.8	252.8	263.9	272.8	278.1	281.4	281.1
27.5°	727.2	667.3	461.5	270.0	235.7	248.5	259.1	265.0	268.0	270.5	270.3
30°	729.7	655.7	402.6	231.1	229.6	244.5	252.6	256.1	258.4	260.9	260.9
32.5°	734.8	637.8	337.7	209.4	225.0	240.5	245.3	248.0	246.3	240.0	238.7
35°	740.3	617.8	276.3	199.3	220.8	237.7	242.2	234.9	215.7	213.2	212.2
37.5°	751.2	599.4	224.3	192.2	219.7	239.2	243.0	213.7	197.5	189.7	188.4
40°	769.6	580.9	189.4	187.2	221.0	245.8	232.9	203.6	176.8	161.9	159.4
42.5°	793.9	558.5	169.7	184.6	224.5	256.4	229.3	189.2	159.9	149.8	148.3
45°	821.9	528.7	160.4	184.1	228.8	261.7	230.4	177.6	152.3	144.5	144.0
47.5°	850.9	499.4	156.3	183.6	234.1	259.4	216.5	174.0	149.3	147.0	148.5
50°	882.3	466.0	153.1	182.4	238.4	259.4	208.9	173.3	150.3	155.3	160.4
52.5°	911.6	438.0	149.3	178.6	240.2	254.9	206.6	176.0	151.8	150.5	152.1
55°	947.2	423.6	147.3	173.3	236.9	241.0	203.8	183.6	153.1	142.7	142.7
57.5°	987.8	420.5	144.2	166.2	226.3	221.8	203.6	188.2	149.8	140.2	138.4
60°	1036.8	427.1	140.4	157.4	213.4	206.9	201.8	188.2	144.5	135.9	136.6
62.5°	1076.5	426.4	138.2	149.5	196.3	191.5	198.5	185.6	142.5	135.4	135.1
65°	1085.8	410.2	131.6	139.4	175.0	172.8	195.0	179.3	139.7	132.6	130.6
67.5°	1054.3	373.6	121.7	126.0	152.6	152.8	188.7	171.0	135.9	131.1	127.8
70°	964.6	302.1	107.1	109.9	128.3	131.6	179.3	161.1	129.6	124.5	116.7
72.5°	807.2	217.2	90.2	90.9	102.0	110.6	163.2	147.8	120.2	108.4	100.0
75°	597.6	144.2	73.5	72.5	76.5	89.9	139.4	132.9	108.1	89.9	85.6
77.5°	316.0	85.4	56.6	56.8	54.3	69.0	110.6	115.4	96.0	75.8	71.5
80°	108.1	51.3	40.7	42.4	38.4	49.3	82.1	96.0	82.1	63.1	55.8
82.5°	49.5	31.3	29.0	30.3	27.5	33.3	56.3	72.7	65.4	46.0	37.1
85°	25.0	18.7	18.7	20.5	18.2	17.2	31.1	48.2	48.0	31.6	27.3
87.5°	10.4	9.1	8.6	9.9	8.6	6.6	8.8	17.4	25.3	18.9	12.1
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)