

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: P672216

Luminaire Tested: **CCP-SA-2A-722-U-T3R**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672216
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-722-U-T3R
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ T3R distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

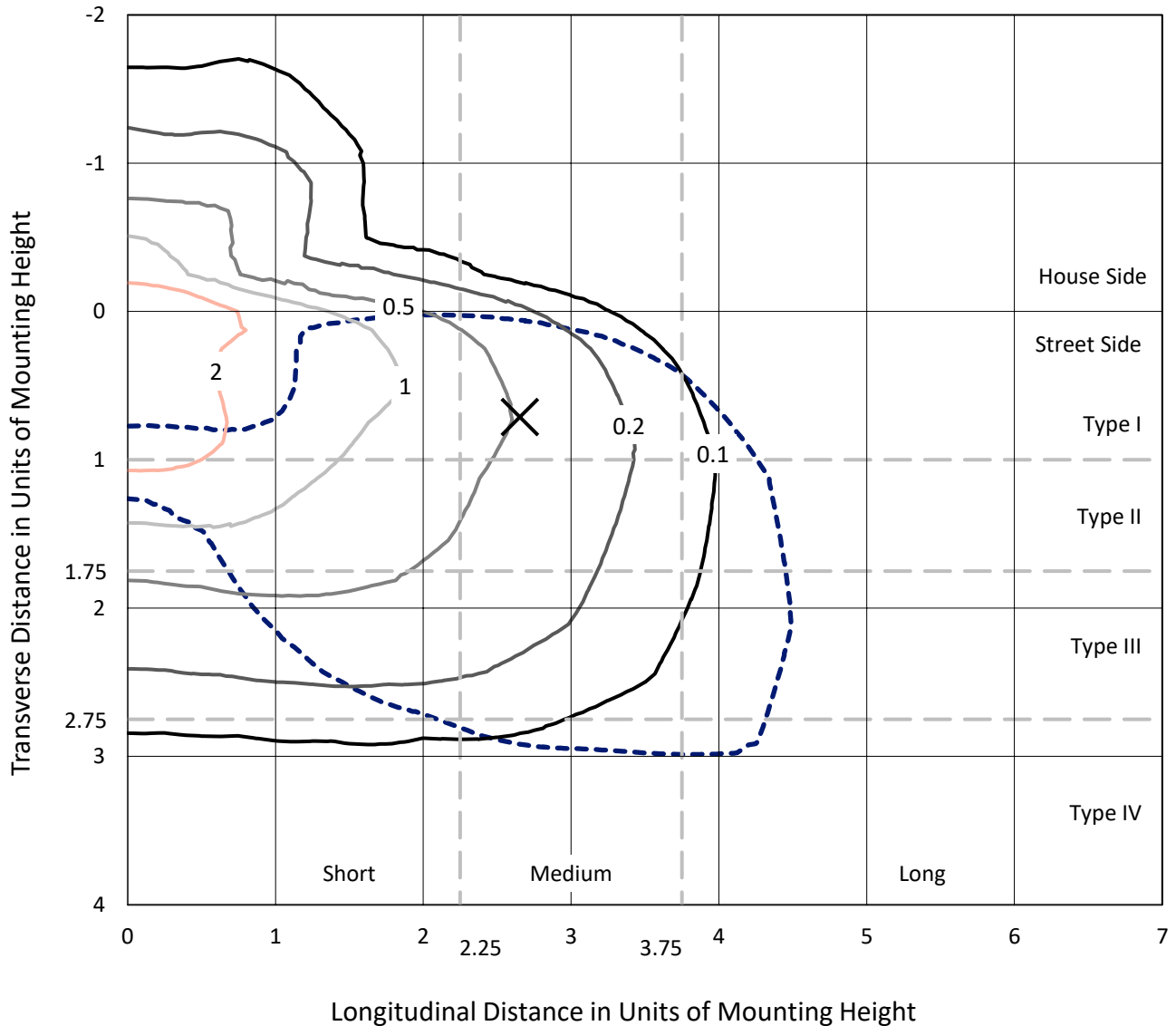
Lumens per Lamp: N/A
Luminaire Lumens: 4096.4 lumens
Efficiency: N/A
Efficacy: 113.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 36.2
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

REPORT NUMBER: P672216
 CATALOG NUMBER: CCP-SA-2A-722-U-T3R

Iso-Footcandle Lines of Horizontal Illumination

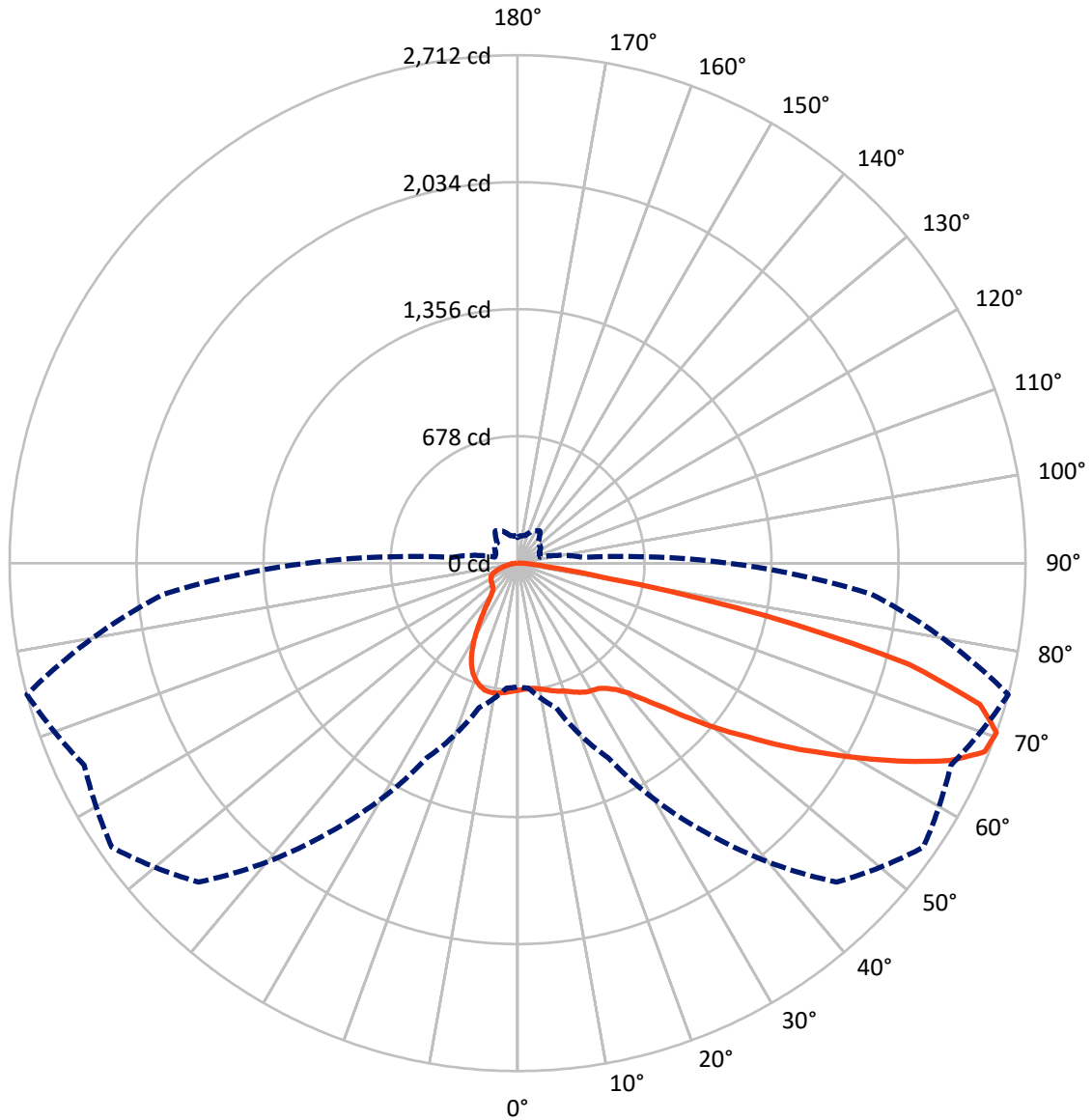
× Max cd
 - - - 1/2 Max cd



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

REPORT NUMBER: P672216
CATALOG NUMBER: CCP-SA-2A-722-U-T3R

Luminous Intensity Polar Plot



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

REPORT NUMBER: P672216

CATALOG NUMBER: CCP-SA-2A-722-U-T3R

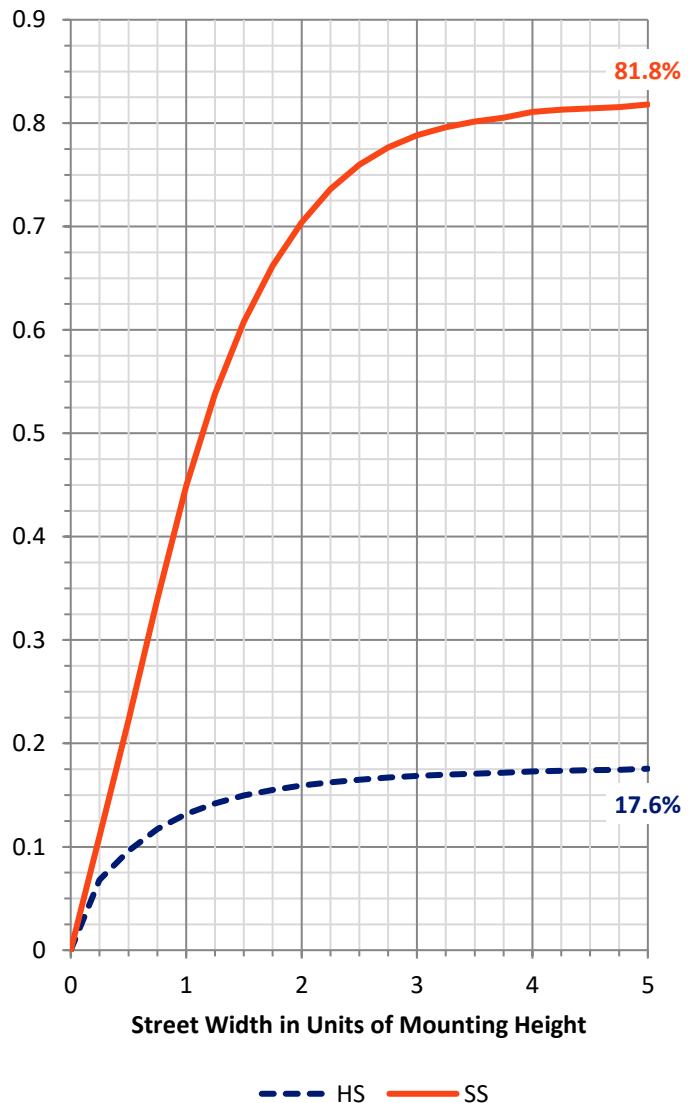
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	728.8	0.0	728.8
	% Fixture	17.8	0.0	17.8
Street Side	Lumens	3367.6	0.0	3367.6
	% Fixture	82.2	0.0	82.2
Total	Lumens	4096.4	0.0	4096.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.9	1.5
10°-20°	162.7	4.0
20°-30°	274.1	6.7
30°-40°	416.3	10.2
40°-50°	596.4	14.6
50°-60°	790.7	19.3
60°-70°	989.5	24.2
70°-80°	722.6	17.6
80°-90°	83.3	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°	4096.4	100.0
0°-180°	4096.4	100.0



REPORT NUMBER: P672216

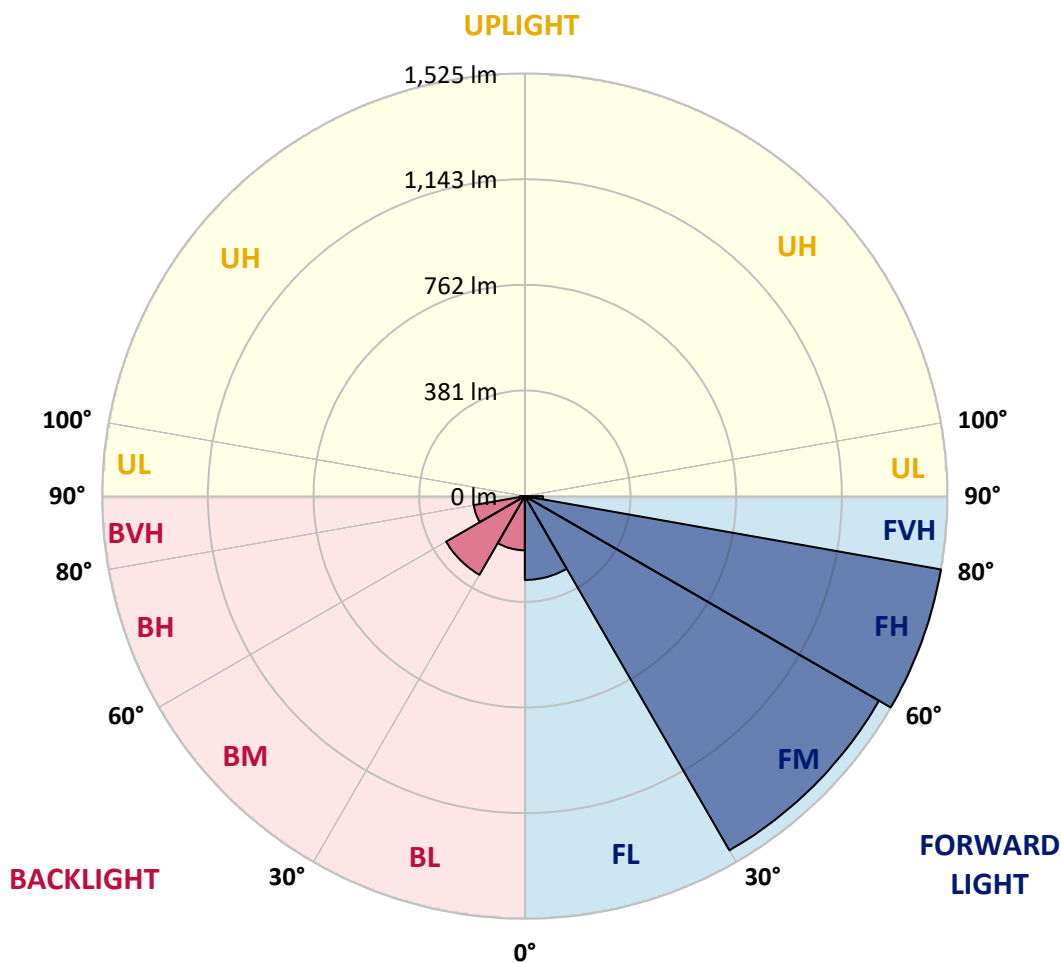
CATALOG NUMBER: CCP-SA-2A-722-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	302.3	7.4			
FM (30°-60°)	1475.7	36.0			
FH (60°-80°)	1524.6	37.2			G1/1800
FVH (80°-90°)	65.0	1.6			G1/100
BL (0°-30°)	195.4	4.8	B1/500		
BM (30°-60°)	327.7	8.0	B1/1000		
BH (60°-80°)	187.5	4.6	B1/500		G1/500
BVH (80°-90°)	18.3	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: P672216

CATALOG NUMBER: CCP-SA-2A-722-U-T3R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	74°	75°	85°
0°	678.5	678.5	678.5	678.5	678.5	678.5	678.5	678.5	678.5	678.5	678.5
2.5°	641.4	644.9	648.2	651.4	654.1	661.2	662.6	670.3	672.4	674.1	676.5
5°	605.4	608.1	611.3	616.6	622.2	634.9	643.8	660.6	670.0	672.9	681.2
7.5°	586.0	586.9	591.3	595.7	602.2	614.6	626.7	652.9	671.8	675.0	692.7
10°	571.8	573.0	577.1	583.3	589.8	601.3	616.4	647.6	678.3	683.3	708.3
12.5°	566.8	566.2	571.0	575.1	584.2	598.7	614.3	647.9	687.1	694.2	731.0
15°	586.9	583.0	586.0	584.5	587.5	601.6	620.2	654.4	698.0	706.8	754.6
17.5°	631.1	627.8	625.8	613.1	604.9	612.8	630.5	663.5	709.5	718.9	775.8
20°	697.1	688.0	680.3	659.1	636.1	633.4	645.8	672.7	720.4	729.5	798.2
22.5°	772.3	764.9	752.5	715.4	679.7	662.0	665.3	689.5	736.3	746.3	823.9
25°	867.2	866.9	841.6	791.4	737.5	701.8	695.1	716.3	754.3	764.0	845.1
27.5°	975.4	968.0	937.9	873.4	805.6	751.1	735.1	743.7	768.7	778.8	862.2
30°	1067.9	1068.8	1038.2	967.7	878.1	799.1	769.0	763.4	778.2	788.2	878.1
32.5°	1167.0	1162.0	1134.0	1061.4	956.5	850.7	790.9	777.6	787.9	797.3	900.2
35°	1260.1	1254.5	1230.3	1152.2	1042.9	907.6	820.3	799.7	810.9	821.2	927.3
37.5°	1348.8	1349.7	1322.3	1247.7	1126.6	974.8	864.0	833.0	845.1	856.6	968.6
40°	1426.4	1421.9	1400.7	1333.5	1213.5	1043.2	913.2	878.4	902.0	912.6	1020.8
42.5°	1451.1	1450.8	1459.1	1417.8	1304.9	1124.5	974.5	949.1	982.5	998.4	1084.7
45°	1429.6	1436.1	1483.8	1482.7	1396.3	1218.0	1058.2	1035.2	1083.3	1101.2	1162.8
47.5°	1408.4	1418.1	1483.0	1519.8	1478.2	1320.8	1161.1	1144.0	1213.0	1238.9	1243.9
50°	1377.4	1386.6	1463.8	1525.1	1528.4	1424.9	1294.3	1272.8	1361.5	1388.0	1332.0
52.5°	1342.9	1350.0	1429.9	1521.3	1552.2	1506.2	1424.9	1418.7	1520.7	1542.2	1421.7
55°	1152.5	1182.6	1380.1	1513.0	1568.7	1568.4	1551.9	1572.3	1694.3	1726.4	1521.6
57.5°	1043.2	1059.1	1239.8	1508.3	1599.7	1625.9	1683.1	1726.7	1879.7	1908.6	1631.8
60°	1007.5	1021.7	1169.3	1502.7	1661.3	1715.8	1811.3	1882.1	2079.0	2114.3	1755.0
62.5°	975.1	992.2	1140.7	1458.2	1735.9	1858.2	1964.3	2050.1	2289.1	2331.0	1877.7
65°	909.1	921.1	1088.3	1420.8	1806.6	2061.3	2185.1	2235.2	2492.8	2540.0	1959.0
67.5°	795.0	806.5	970.1	1334.7	1852.6	2272.6	2426.5	2426.8	2650.2	2688.8	1976.1
70°	660.9	669.7	799.7	1147.2	1756.8	2408.2	2644.3	2552.1	2694.7	2711.5	1894.7
72.5°	472.5	480.2	585.7	848.0	1440.5	2298.3	2693.9	2546.8	2586.9	2581.6	1663.4
75°	291.2	306.0	358.7	517.6	895.2	1808.4	2424.4	2307.7	2172.1	2157.4	1252.5
77.5°	189.8	197.5	242.6	305.4	395.0	1038.2	1841.4	1730.3	1371.5	1354.4	673.2
80°	114.1	126.7	158.9	191.9	178.9	397.0	1051.4	859.5	484.6	479.3	206.9
82.5°	61.3	72.8	112.0	118.8	100.5	140.3	380.8	279.4	155.0	153.3	77.5
85°	48.6	54.2	80.5	75.2	56.9	71.0	148.6	116.4	79.6	77.8	29.2
87.5°	29.5	37.1	61.0	50.7	28.3	25.6	68.1	55.1	37.4	34.8	11.5
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: P672216
 CATALOG NUMBER: CCP-SA-2A-722-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	678.5	678.5	678.5	678.5	678.5	678.5	678.5	678.5	678.5	678.5	678.5
2.5°	680.9	682.4	683.9	680.9	682.1	680.6	680.6	680.6	676.8	675.6	679.1
5°	687.4	689.5	690.6	681.5	675.9	667.6	660.9	650.5	644.7	640.8	640.8
7.5°	700.7	703.0	697.7	677.4	657.6	635.5	612.8	594.0	580.4	574.5	576.3
10°	720.1	721.0	703.3	665.9	623.7	582.8	550.6	525.6	508.8	500.2	499.0
12.5°	742.8	739.0	704.5	640.5	578.0	522.9	483.7	451.3	429.8	421.5	417.4
15°	765.2	756.1	700.1	610.2	526.2	459.8	409.7	379.1	365.8	362.0	360.5
17.5°	785.3	768.2	685.3	566.5	466.0	386.1	349.3	338.4	339.9	343.4	344.9
20°	803.5	777.3	664.1	514.7	390.9	328.7	319.5	329.5	337.8	343.1	344.0
22.5°	823.6	786.1	634.6	451.6	329.3	302.1	313.0	324.5	332.8	338.1	339.0
25°	838.9	785.8	593.1	376.7	290.3	295.1	308.0	318.3	324.5	328.4	328.1
27.5°	848.6	778.8	538.5	315.1	275.0	290.0	302.4	309.2	312.7	315.7	315.4
30°	851.6	765.2	469.9	269.7	267.9	285.3	294.8	298.9	301.5	304.5	304.5
32.5°	857.5	744.3	394.1	244.4	262.6	280.6	286.2	289.5	287.4	280.0	278.6
35°	864.0	721.0	322.5	232.6	257.6	277.4	282.7	274.1	251.7	248.8	247.6
37.5°	876.6	699.5	261.8	224.3	256.4	279.1	283.6	249.4	230.5	221.4	219.9
40°	898.1	678.0	221.1	218.4	257.9	286.8	271.8	237.6	206.3	188.9	186.0
42.5°	926.4	651.7	198.1	215.5	262.0	299.2	267.6	220.8	186.6	174.8	173.0
45°	959.2	616.9	187.2	214.9	267.1	305.4	268.8	207.2	177.7	168.6	168.0
47.5°	993.1	582.8	182.5	214.3	273.2	302.7	252.6	203.1	174.2	171.6	173.3
50°	1029.6	543.8	178.6	212.8	278.3	302.7	243.8	202.2	175.4	181.3	187.2
52.5°	1063.8	511.1	174.2	208.4	280.3	297.4	241.1	205.5	177.2	175.7	177.4
55°	1105.4	494.3	171.8	202.2	276.5	281.2	237.9	214.3	178.6	166.5	166.5
57.5°	1152.8	490.8	168.3	194.0	264.1	258.8	237.6	219.6	174.8	163.6	161.5
60°	1210.0	498.4	163.9	183.6	249.1	241.4	235.5	219.6	168.6	158.6	159.5
62.5°	1256.3	497.6	161.2	174.5	229.0	223.4	231.7	216.7	166.2	158.0	157.7
65°	1267.2	478.7	153.6	162.7	204.3	201.6	227.6	209.3	163.0	154.8	152.4
67.5°	1230.3	436.0	142.1	147.1	178.0	178.3	220.2	199.6	158.6	153.0	149.2
70°	1125.7	352.5	125.0	128.2	149.7	153.6	209.3	188.1	151.2	145.3	136.2
72.5°	942.1	253.5	105.2	106.1	119.1	129.1	190.4	172.4	140.3	126.5	116.7
75°	697.4	168.3	85.8	84.6	89.3	104.9	162.7	155.0	126.2	104.9	99.9
77.5°	368.8	99.6	66.0	66.3	63.4	80.5	129.1	134.7	112.0	88.4	83.4
80°	126.2	59.8	47.5	49.5	44.8	57.5	95.8	112.0	95.8	73.7	65.1
82.5°	57.8	36.6	33.9	35.4	32.1	38.9	65.7	84.9	76.3	53.6	43.3
85°	29.2	21.8	21.8	23.9	21.2	20.0	36.3	56.3	56.0	36.8	31.8
87.5°	12.1	10.6	10.0	11.5	10.0	7.7	10.3	20.3	29.5	22.1	14.1
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)