

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: P671924

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P671924
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-AFL
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ AFL distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

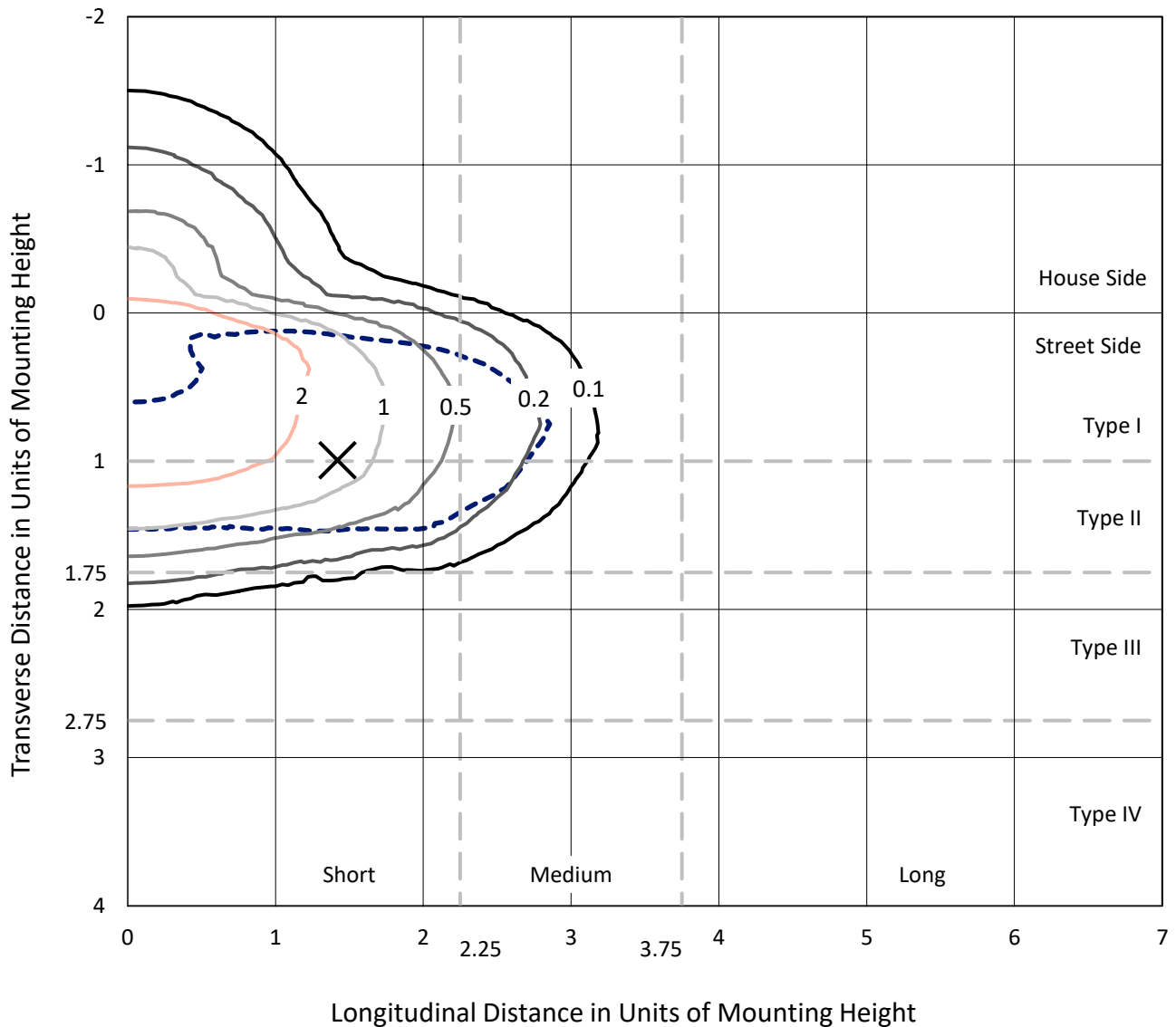
Lumens per Lamp: N/A
Luminaire Lumens: 3360.8 lumens
Efficiency: N/A
Efficacy: 105.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B1 - U0 - G1

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

REPORT NUMBER: P671924
 CATALOG NUMBER: CCP-SA-1C-722-U-AFL

Iso-Footcandle Lines of Horizontal Illumination

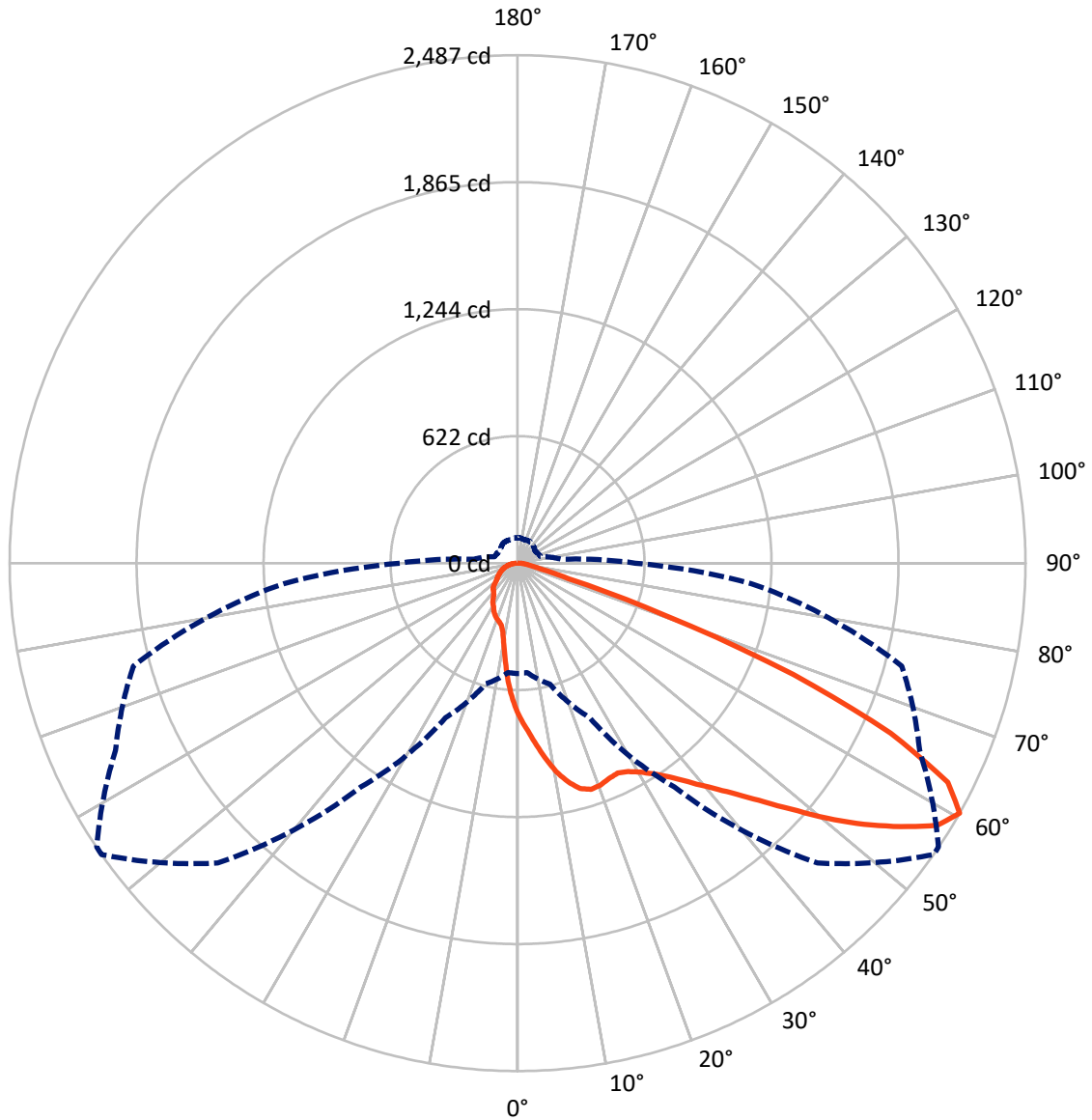
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.7 fc
 Type II - Short - N/A

REPORT NUMBER: P671924
CATALOG NUMBER: CCP-SA-1C-722-U-AFL

Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P671924

CATALOG NUMBER: CCP-SA-1C-722-U-AFL

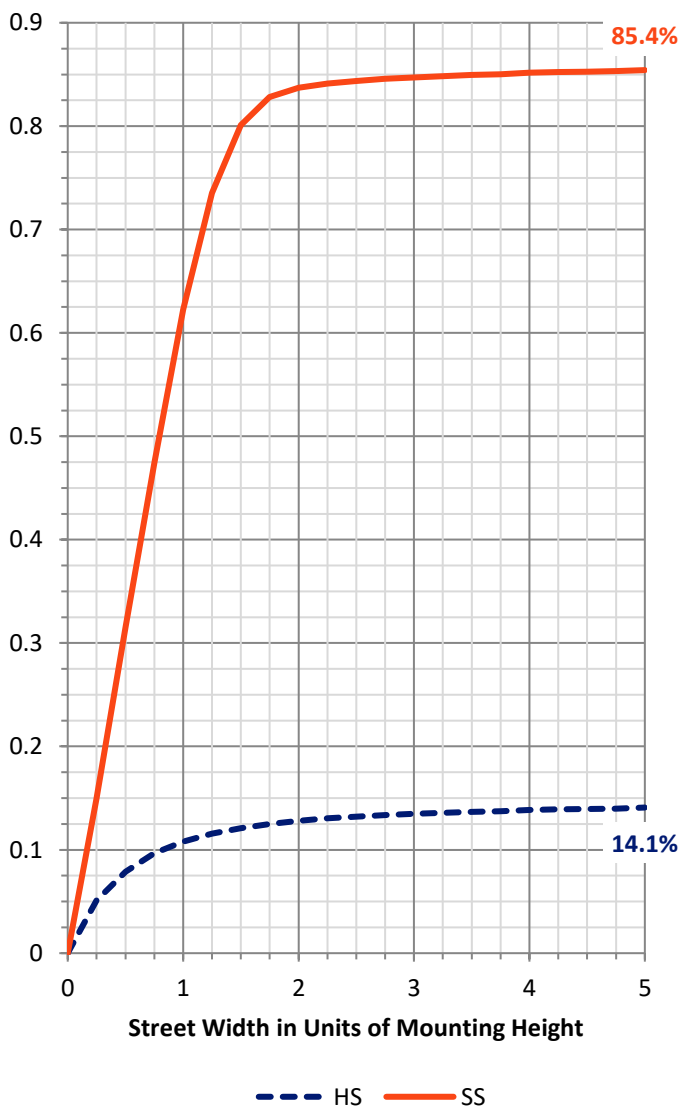
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	483.1	0.0	483.1
	% Fixture	14.4	0.0	14.4
Street Side	Lumens	2877.7	0.0	2877.7
	% Fixture	85.6	0.0	85.6
Total	Lumens	3360.8	0.0	3360.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.8	2.1
10°-20°	197.6	5.9
20°-30°	321.8	9.6
30°-40°	480.9	14.3
40°-50°	706.8	21.0
50°-60°	828.4	24.6
60°-70°	546.2	16.3
70°-80°	173.9	5.2
80°-90°	35.4	1.1
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°	3360.8	100.0
0°-180°	3360.8	100.0



REPORT NUMBER: P671924

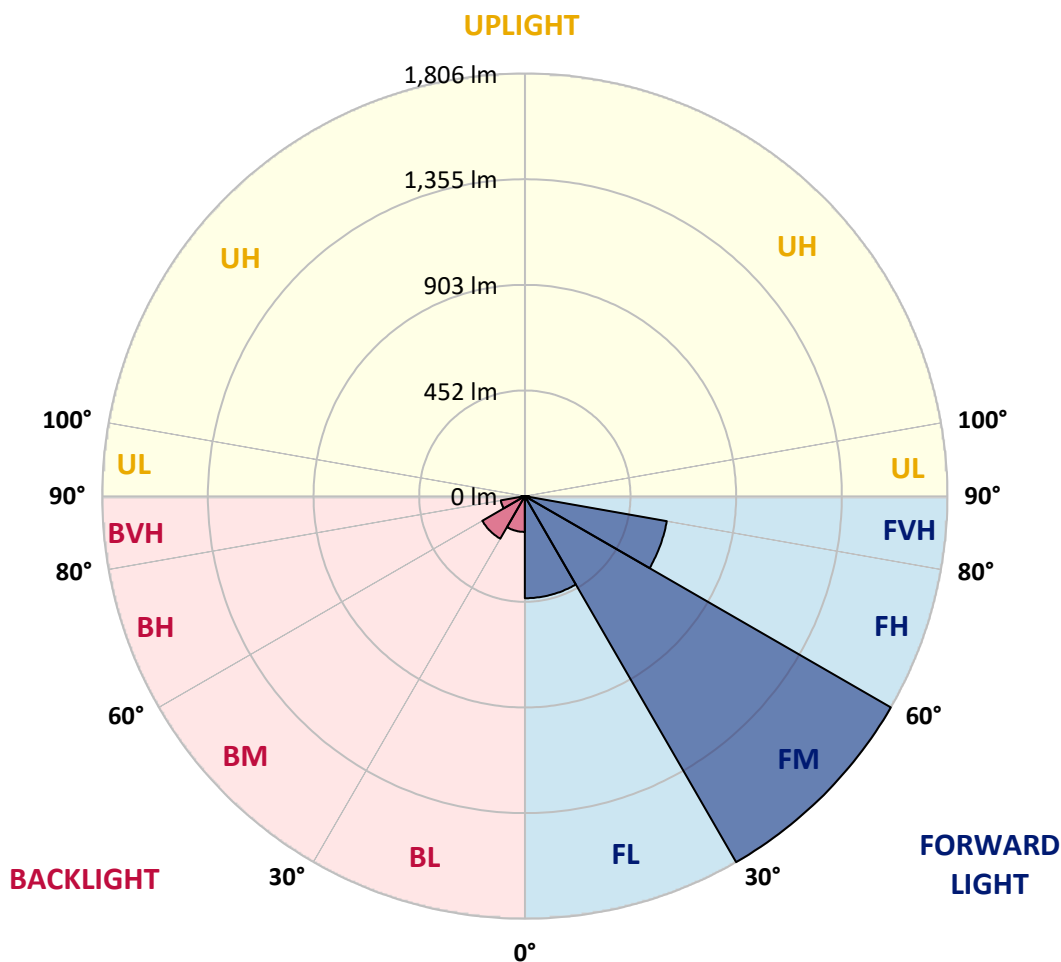
CATALOG NUMBER: CCP-SA-1C-722-U-AFL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	436.2	13.0			
FM (30°-60°)	1806.2	53.7			
FH (60°-80°)	615.9	18.3			G0/660
FVH (80°-90°)	19.4	0.6			G1/100
BL (0°-30°)	152.9	4.6	B1/500		
BM (30°-60°)	210.0	6.2	B0/220		
BH (60°-80°)	104.3	3.1	B0/110		G0/110
BVH (80°-90°)	16.0	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





REPORT NUMBER: P671924
 CATALOG NUMBER: CCP-SA-1C-722-U-AFL

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
0°	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4
2.5°	867.4	864.2	864.2	856.2	844.3	827.7	808.0	803.1	795.5	776.3	751.4
5°	999.7	996.2	991.6	977.5	955.3	922.2	880.5	873.0	846.0	806.3	761.4
7.5°	1087.1	1085.2	1083.7	1071.5	1049.6	1017.0	961.2	952.6	906.9	841.1	770.9
10°	1078.1	1083.9	1094.2	1102.7	1107.1	1090.3	1037.9	1027.9	971.2	881.5	785.1
12.5°	993.6	1001.8	1020.8	1055.7	1095.9	1128.3	1098.6	1092.9	1039.8	924.4	802.8
15°	930.7	934.1	943.4	969.2	1029.1	1115.6	1145.6	1140.4	1103.9	979.4	823.3
17.5°	911.2	912.7	914.9	923.4	964.3	1066.2	1164.8	1169.7	1166.0	1036.7	846.4
20°	921.0	922.0	922.2	923.7	943.1	1024.7	1159.7	1168.0	1220.6	1093.9	869.3
22.5°	958.5	957.3	955.6	950.0	960.9	1017.4	1146.0	1159.2	1262.7	1146.0	890.5
25°	1024.0	1022.3	1010.4	998.7	1003.3	1043.7	1138.7	1152.9	1295.6	1195.3	906.1
27.5°	1102.0	1100.3	1088.1	1065.9	1061.0	1087.6	1155.8	1164.6	1319.7	1238.9	912.9
30°	1182.8	1182.8	1167.7	1142.2	1126.6	1137.8	1187.2	1194.3	1338.0	1281.0	917.3
32.5°	1271.0	1273.4	1250.1	1220.8	1203.5	1197.0	1231.3	1237.4	1364.5	1330.7	926.6
35°	1384.3	1378.9	1350.4	1311.9	1284.2	1269.3	1285.9	1292.9	1403.5	1392.6	941.4
37.5°	1511.7	1502.2	1467.1	1421.1	1372.6	1347.7	1358.7	1360.4	1461.2	1473.2	968.5
40°	1616.9	1615.2	1585.5	1541.9	1480.7	1447.4	1442.0	1443.0	1541.4	1568.7	1009.4
42.5°	1705.6	1699.2	1693.9	1678.5	1613.7	1558.9	1537.0	1537.2	1628.3	1667.3	1050.6
45°	1744.8	1743.6	1759.4	1798.8	1752.3	1687.8	1656.6	1661.0	1728.0	1768.6	1090.3
47.5°	1728.0	1728.9	1771.3	1874.8	1902.4	1852.9	1797.6	1795.0	1824.4	1846.3	1125.3
50°	1577.9	1593.8	1708.5	1881.9	2000.8	2025.4	1963.0	1953.0	1908.9	1908.2	1146.8
52.5°	1464.7	1463.9	1534.3	1810.1	2035.6	2181.0	2125.0	2102.6	1978.9	1943.0	1148.5
55°	1311.7	1310.7	1363.1	1599.8	1966.4	2289.7	2277.7	2249.7	2042.9	1954.5	1136.8
57.5°	993.3	1011.8	1064.0	1280.8	1747.2	2272.4	2423.6	2400.2	2105.5	1949.4	1134.6
60°	540.5	538.3	613.8	834.8	1337.7	2076.0	2487.2	2486.0	2172.0	1947.4	1148.0
62.5°	249.2	246.7	261.8	371.7	767.0	1663.2	2364.4	2382.0	2233.6	1929.7	1146.8
65°	186.3	180.0	159.5	172.9	293.5	992.8	2008.3	2055.1	2138.6	1856.6	1093.7
67.5°	166.1	160.0	136.2	127.6	147.4	350.3	1456.9	1500.0	1788.4	1719.7	1007.7
70°	152.2	146.9	123.0	109.6	110.6	155.2	762.7	847.4	1310.7	1435.2	858.9
72.5°	138.8	134.2	112.5	96.5	93.0	102.5	259.9	313.5	815.3	1045.9	640.4
75°	124.7	120.3	101.3	86.5	79.9	76.0	123.7	133.2	431.1	577.5	343.7
77.5°	108.4	106.0	90.4	76.2	70.6	57.5	82.3	86.5	184.6	226.8	163.7
80°	94.3	92.3	80.6	69.2	63.3	44.3	56.8	59.7	91.1	113.3	91.6
82.5°	61.4	66.3	66.7	59.4	55.8	35.6	37.5	39.7	60.4	66.7	39.9
85°	25.3	30.7	46.0	40.9	38.7	30.2	24.8	25.3	37.0	39.0	14.4
87.5°	11.4	12.7	22.7	22.9	20.0	11.4	12.4	13.6	19.0	18.8	6.3
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: P671924
 CATALOG NUMBER: CCP-SA-1C-722-U-AFL

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4	745.4
2.5°	744.6	733.4	713.4	687.9	669.6	656.2	641.6	630.9	618.9	608.5	610.2
5°	742.9	721.2	676.4	628.9	582.6	544.6	513.0	489.6	465.5	456.0	454.8
7.5°	744.4	707.6	634.0	556.3	485.9	437.5	400.7	378.5	364.6	356.6	357.1
10°	743.9	694.7	588.2	481.1	404.1	359.8	337.4	330.1	328.8	329.8	331.3
12.5°	744.6	677.2	536.9	413.4	345.4	322.7	323.7	330.3	334.4	337.1	338.8
15°	747.8	662.8	484.2	360.0	314.7	315.4	325.9	336.1	342.2	345.2	346.6
17.5°	752.4	644.8	437.5	319.6	301.8	313.0	326.6	337.6	342.2	343.9	345.2
20°	752.9	624.1	390.2	291.8	293.3	307.9	319.8	328.6	334.4	336.4	337.4
22.5°	750.7	596.0	341.7	271.6	283.5	298.1	308.4	318.4	310.6	304.2	302.5
25°	741.5	560.7	300.3	255.0	271.3	285.0	296.7	285.7	282.1	277.2	277.7
27.5°	721.5	516.6	261.4	239.4	257.0	276.5	267.9	266.5	261.8	257.0	257.0
30°	695.2	470.1	228.7	223.1	239.7	249.4	251.4	249.2	246.5	240.2	240.7
32.5°	671.6	420.9	205.6	209.5	228.7	228.7	237.2	237.2	227.5	209.7	209.7
35°	648.2	374.6	188.5	198.0	210.7	214.8	226.5	211.2	197.3	189.3	188.8
37.5°	629.9	335.2	177.3	188.3	193.2	203.6	203.9	192.7	188.0	180.7	180.0
40°	619.2	302.0	170.5	183.4	183.9	193.6	177.6	180.7	179.8	174.2	173.4
42.5°	613.3	276.5	165.4	179.3	176.8	167.3	164.4	169.8	171.5	168.6	167.3
45°	608.7	256.5	161.3	164.9	171.2	153.9	152.7	156.9	160.5	160.3	159.3
47.5°	606.3	242.6	157.6	155.9	157.1	145.9	143.5	145.4	150.0	153.0	152.7
50°	596.8	231.9	152.2	146.6	138.8	138.8	137.6	137.6	143.2	149.1	149.6
52.5°	580.0	219.2	144.4	137.9	128.9	132.8	133.2	132.3	138.1	144.4	144.9
55°	561.5	209.7	134.0	129.8	120.6	127.1	129.3	128.4	132.3	136.6	136.4
57.5°	561.7	209.5	125.0	121.8	112.8	120.1	125.4	125.7	125.4	128.6	128.6
60°	575.8	214.4	117.9	111.1	103.8	112.5	121.3	121.3	119.6	124.2	124.7
62.5°	580.0	213.9	113.5	100.8	95.7	105.7	115.2	116.7	115.5	122.0	122.8
65°	543.4	202.4	109.1	91.6	88.4	98.2	107.7	111.8	110.6	119.1	120.1
67.5°	492.8	187.6	102.3	83.3	80.9	90.9	99.9	104.3	104.0	115.2	115.7
70°	424.8	169.3	93.8	74.8	73.6	82.3	90.4	95.0	97.2	110.1	109.9
72.5°	329.1	145.2	80.9	65.8	65.5	73.6	80.6	85.7	89.9	102.3	102.3
75°	212.2	114.2	66.0	57.0	56.0	63.6	70.9	76.7	89.4	109.1	108.9
77.5°	129.6	87.2	53.1	47.5	47.3	54.1	61.4	71.4	97.7	97.2	94.5
80°	77.7	62.6	42.4	38.0	38.0	44.3	52.4	76.5	81.1	92.6	87.4
82.5°	40.4	38.5	31.7	28.0	29.2	34.8	47.7	61.1	66.3	56.3	51.6
85°	16.6	20.5	19.5	17.8	18.5	24.1	46.0	49.0	39.2	41.2	41.4
87.5°	5.6	9.0	9.0	7.1	7.8	17.1	27.3	16.3	19.7	11.7	8.8
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)