

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: P674584

Luminaire Tested: **CCP-SA-1E-760-U-T2R-HSS**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P674584
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-760-U-T2R-HSS
Description: INVUE CLEAR CURVE POLE MOUNT Light Square Luminaire @1050mA w/ T2R distribution lens and House Side Shield
Light Source: (16) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

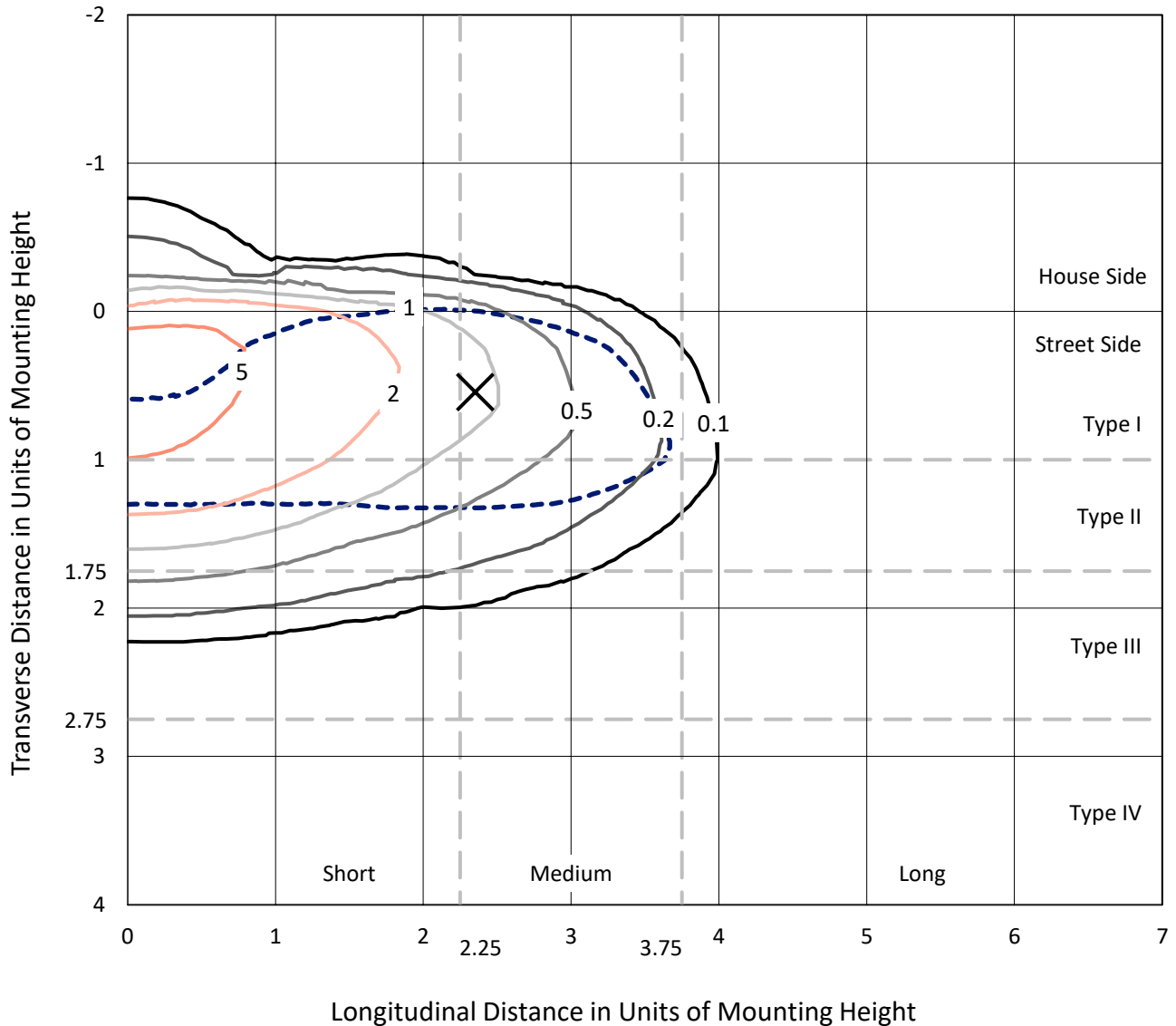
Lumens per Lamp: N/A
Luminaire Lumens: 5662.7 lumens
Efficiency: N/A
Efficacy: 100.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G1

Input Watts (W): 56.1
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: P674584
 CATALOG NUMBER: CCP-SA-1E-760-U-T2R-HSS

Iso-Footcandle Lines of Horizontal Illumination

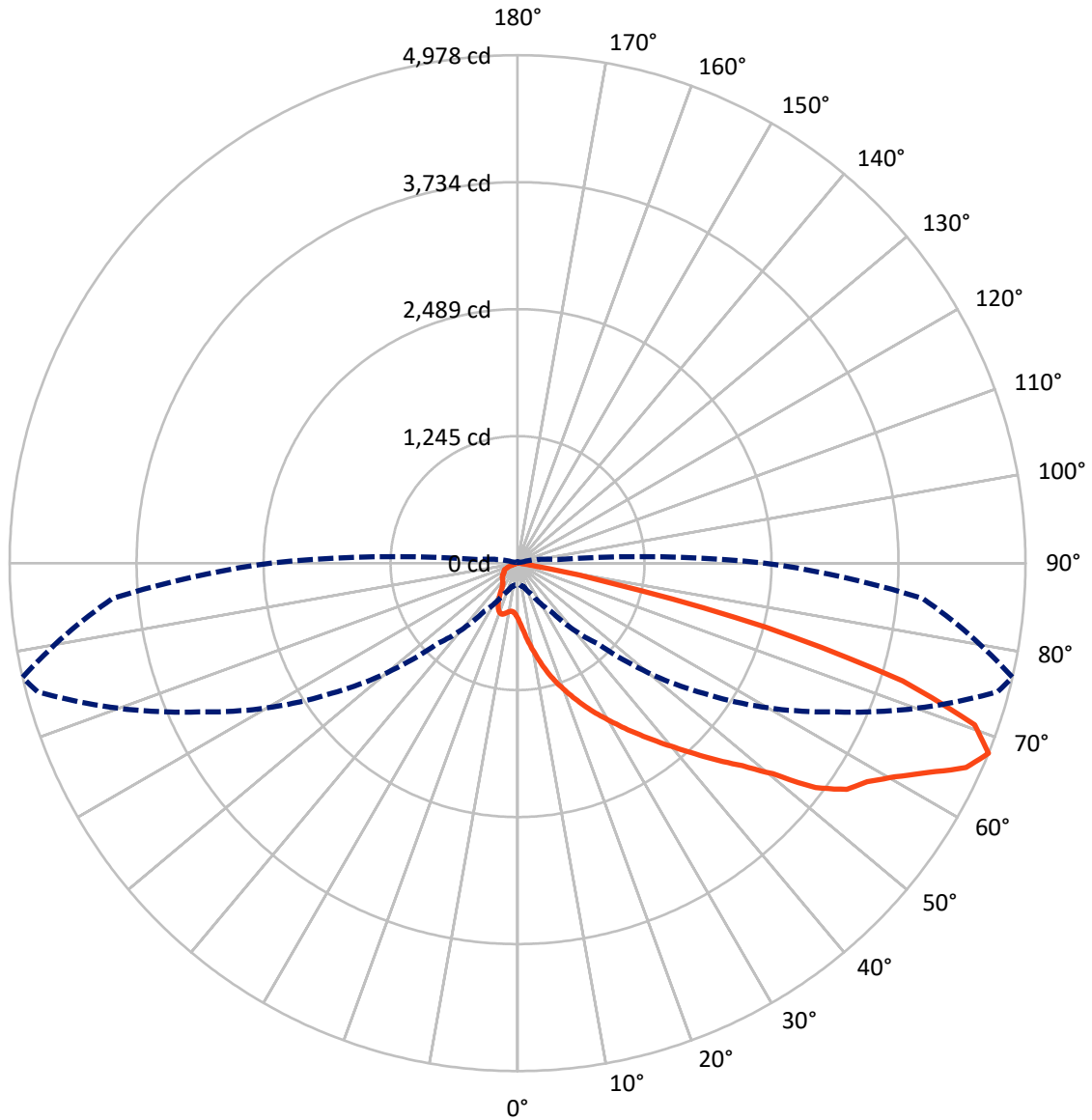
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 7 fc
 Type II - Medium - N/A

REPORT NUMBER: P674584
CATALOG NUMBER: CCP-SA-1E-760-U-T2R-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 77-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P674584

CATALOG NUMBER: CCP-SA-1E-760-U-T2R-HSS

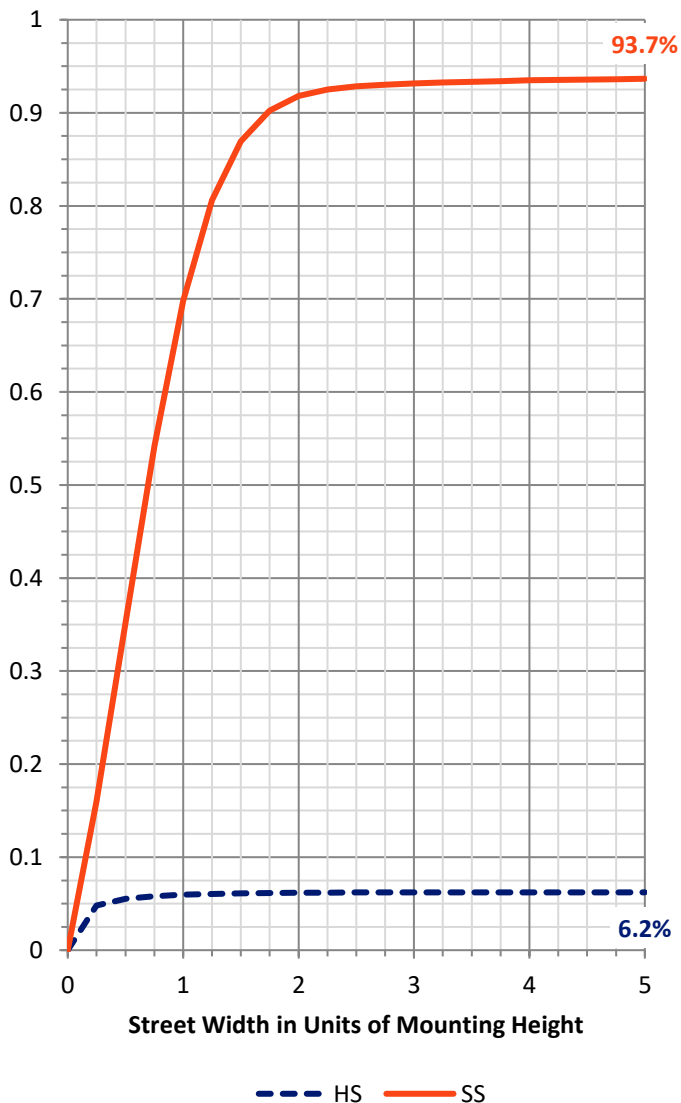
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	353.9	0.0	353.9
	% Fixture	6.2	0.0	6.2
Street Side	Lumens	5308.9	0.0	5308.9
	% Fixture	93.8	0.0	93.8
Total	Lumens	5662.7	0.0	5662.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.7	1.1
10°-20°	235.7	4.2
20°-30°	460.5	8.1
30°-40°	805.2	14.2
40°-50°	1174.3	20.7
50°-60°	1373.1	24.2
60°-70°	1113.1	19.7
70°-80°	418.1	7.4
80°-90°	19.0	0.3
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°	5662.7	100.0
0°-180°	5662.7	100.0



REPORT NUMBER: P674584

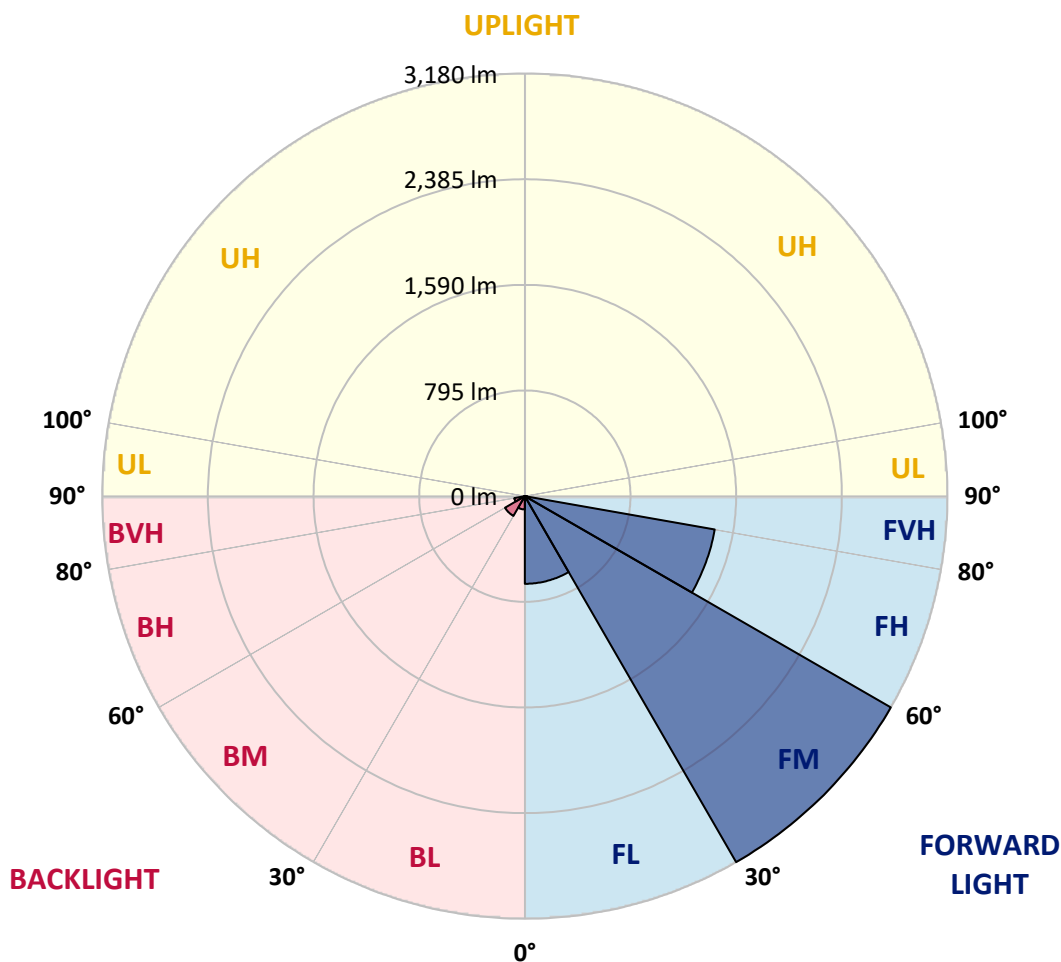
CATALOG NUMBER: CCP-SA-1E-760-U-T2R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	659.7	11.6			
FM (30°-60°)	3180.3	56.2			
FH (60°-80°)	1451.0	25.6			G1/1800
FVH (80°-90°)	17.9	0.3			G1/100
BL (0°-30°)	100.4	1.8	B0/110		
BM (30°-60°)	172.2	3.0	B0/220		
BH (60°-80°)	80.2	1.4	B0/110		G0/110
BVH (80°-90°)	1.1	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 II Medium





REPORT NUMBER: P674584

CATALOG NUMBER: CCP-SA-1E-760-U-T2R-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	542.4	542.4	542.4	542.4	542.4	542.4	542.4	542.4	542.4	542.4	542.4
2.5°	814.3	784.7	790.3	778.0	762.2	725.4	686.5	647.7	612.9	605.3	570.5
5°	1042.8	1033.6	1023.9	1015.8	982.5	936.5	866.5	777.5	697.3	683.5	611.4
7.5°	1220.2	1206.4	1215.1	1190.1	1155.3	1110.8	1021.9	926.8	803.1	782.6	670.7
10°	1351.1	1343.4	1347.5	1335.8	1318.9	1274.4	1186.5	1067.4	924.2	885.4	737.2
12.5°	1449.3	1450.8	1468.7	1469.7	1455.9	1419.6	1326.6	1202.3	1034.2	999.4	810.8
15°	1520.8	1522.4	1544.3	1567.9	1583.7	1564.8	1480.4	1341.4	1163.5	1115.9	888.0
17.5°	1532.6	1533.6	1572.5	1620.0	1669.1	1685.4	1620.5	1479.4	1281.6	1227.4	976.4
20°	1540.2	1548.9	1583.7	1638.4	1716.1	1766.7	1731.4	1611.8	1396.1	1333.2	1063.3
22.5°	1633.3	1633.3	1653.7	1692.6	1754.4	1833.7	1826.5	1733.5	1507.5	1445.2	1149.7
25°	1830.6	1830.6	1810.7	1800.4	1833.7	1896.0	1913.9	1863.3	1634.8	1561.2	1240.7
27.5°	2091.8	2091.8	2060.6	1985.5	1956.9	1982.9	2001.9	1976.3	1752.4	1679.8	1336.8
30°	2362.8	2372.0	2317.8	2222.2	2122.0	2102.1	2083.7	2078.0	1877.6	1795.8	1434.4
32.5°	2634.7	2633.7	2566.2	2447.1	2316.2	2245.7	2185.9	2179.2	2010.6	1930.3	1527.0
35°	2852.0	2852.5	2781.4	2659.3	2507.9	2418.0	2321.9	2290.7	2156.2	2066.8	1637.4
37.5°	3040.1	3029.4	2952.7	2836.6	2695.6	2602.5	2482.9	2401.6	2307.0	2216.1	1747.8
40°	3148.0	3133.7	3059.0	2948.6	2841.8	2770.7	2665.4	2535.6	2472.7	2374.5	1873.5
42.5°	3163.8	3151.5	3102.0	3035.5	2948.1	2885.7	2857.6	2686.9	2646.5	2557.5	2023.8
45°	3119.3	3099.4	3083.0	3048.3	3023.7	2993.6	3031.9	2847.9	2845.9	2757.4	2172.6
47.5°	3008.9	2981.8	2985.9	3024.3	3051.9	3079.0	3198.6	3059.0	3046.8	2963.9	2367.9
50°	2820.3	2807.0	2852.0	2927.6	3037.0	3145.4	3364.7	3274.7	3323.3	3245.6	2637.3
52.5°	2436.9	2453.2	2587.7	2769.7	2958.8	3176.6	3520.6	3596.8	3721.0	3657.1	2908.2
55°	1976.8	1970.7	2150.1	2473.2	2775.3	3156.7	3588.6	3786.5	3981.7	3914.8	3059.0
57.5°	1592.4	1603.1	1724.3	2043.8	2464.0	3002.8	3604.5	3885.6	4086.5	4042.1	3198.6
60°	1195.2	1205.4	1315.8	1593.9	2049.9	2681.8	3473.6	3920.4	4283.3	4249.6	3421.5
62.5°	760.7	774.0	884.9	1155.3	1566.8	2182.8	3179.7	3884.1	4488.8	4517.0	3725.6
65°	374.2	386.0	467.7	674.8	1047.4	1632.3	2769.7	3745.6	4750.6	4830.8	3969.5
67.5°	207.0	212.7	240.8	343.5	584.3	1119.5	2225.8	3449.6	4870.7	4978.1	3985.8
70°	161.0	162.6	173.3	200.4	284.7	656.9	1583.2	2956.8	4621.8	4751.6	3654.1
72.5°	135.5	137.5	142.6	151.8	177.9	342.0	994.8	2285.1	3888.7	3947.5	2826.9
75°	99.2	102.2	116.6	124.7	140.6	207.5	438.6	1373.1	2569.8	2512.0	1581.7
77.5°	83.3	85.9	89.5	101.2	116.0	141.6	153.9	575.6	1045.9	909.4	415.1
80°	56.7	59.8	69.5	75.7	98.2	93.5	63.9	154.4	210.1	171.3	79.7
82.5°	40.4	42.9	48.1	61.9	71.1	49.6	34.8	47.0	50.6	48.1	26.1
85°	12.8	16.4	34.8	51.1	38.3	16.9	22.0	17.9	15.8	15.3	10.2
87.5°	2.6	2.6	17.4	20.4	15.3	8.7	7.7	5.6	7.2	7.2	5.6
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: P674584
 CATALOG NUMBER: CCP-SA-1E-760-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	542.4	542.4	542.4	542.4	542.4	542.4	542.4	542.4	542.4	542.4	542.4
2.5°	554.1	531.1	497.9	466.7	435.0	412.5	396.7	380.8	374.7	372.2	365.5
5°	578.7	534.7	468.8	415.6	376.8	352.2	337.4	324.6	316.4	313.9	310.3
7.5°	614.0	550.6	456.0	394.6	355.8	329.2	305.2	277.6	255.6	246.9	243.3
10°	652.3	574.6	458.0	390.6	338.9	280.6	227.0	182.5	163.1	155.9	150.8
12.5°	708.5	601.2	466.7	386.0	288.3	200.4	145.2	126.8	122.2	121.2	120.1
15°	764.8	638.5	481.0	355.3	215.2	136.5	120.6	114.0	111.4	108.9	108.9
17.5°	821.5	674.3	486.7	295.5	148.8	118.1	109.9	104.3	100.2	98.2	96.6
20°	885.4	712.1	470.3	222.4	119.1	107.9	98.7	92.0	88.4	86.4	84.9
22.5°	954.4	749.4	434.5	154.9	108.4	97.1	88.4	81.8	78.2	76.2	75.7
25°	1019.3	781.6	377.3	116.6	97.6	86.9	78.7	73.1	70.5	68.5	68.0
27.5°	1086.3	809.2	302.6	102.8	88.9	78.7	70.5	65.9	63.4	61.9	61.3
30°	1151.7	828.1	225.4	94.1	81.3	71.1	63.9	60.3	57.8	56.2	55.7
32.5°	1219.2	838.9	152.3	86.4	73.6	64.4	58.3	54.7	53.2	51.6	51.6
35°	1284.1	837.3	109.9	79.2	67.5	58.3	52.7	50.1	49.6	48.1	48.1
37.5°	1355.2	826.6	93.5	72.6	60.8	52.7	48.1	46.5	46.0	45.0	44.5
40°	1436.0	802.6	85.4	67.5	55.2	48.1	44.0	42.9	42.4	41.4	41.4
42.5°	1524.4	771.4	80.8	61.9	50.6	43.5	40.4	38.9	38.3	37.3	37.3
45°	1627.1	741.8	77.7	56.2	46.5	39.9	36.8	35.3	34.8	33.7	33.7
47.5°	1767.2	724.9	72.6	51.1	41.9	36.3	33.2	32.2	31.2	30.2	30.2
50°	1959.9	704.9	65.9	46.0	38.3	32.7	30.7	29.1	28.6	27.6	27.6
52.5°	2118.4	662.5	59.3	40.9	34.3	30.2	28.1	27.1	26.1	25.6	25.6
55°	2174.1	612.9	52.7	36.8	31.2	28.1	26.1	25.0	24.5	24.0	24.0
57.5°	2263.1	597.1	46.5	32.7	28.1	26.1	24.0	23.5	23.0	22.5	22.0
60°	2414.9	606.3	40.9	29.1	25.6	23.5	22.0	21.5	20.4	19.4	19.4
62.5°	2562.1	595.0	34.8	25.6	22.0	21.0	19.4	18.4	16.4	14.8	13.8
65°	2597.9	519.9	30.2	21.5	18.4	17.4	15.8	13.8	10.7	8.7	8.7
67.5°	2424.6	395.2	26.1	18.4	15.3	14.3	11.2	9.2	6.6	5.1	5.1
70°	2000.8	250.5	21.5	14.3	12.8	9.7	7.2	6.6	4.6	4.1	3.6
72.5°	1443.6	137.0	17.9	11.8	9.2	6.1	5.1	4.1	3.1	2.0	2.0
75°	731.0	64.4	13.3	9.2	6.1	4.1	3.1	2.0	2.0	1.5	1.5
77.5°	207.0	29.6	8.7	6.1	4.1	2.6	2.0	1.5	1.5	1.0	1.0
80°	40.9	14.8	5.6	4.1	3.1	2.0	1.5	1.0	1.0	0.5	0.5
82.5°	14.8	7.7	4.1	3.1	2.6	2.0	1.0	0.5	0.5	0.0	0.0
85°	7.7	4.1	3.1	2.6	2.0	1.5	1.0	0.5	0.0	0.0	0.0
87.5°	4.1	3.1	2.6	2.6	2.0	1.5	1.0	0.5	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)