

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: McGRAW-EDISON

Report Number: P1211885

Luminaire Tested: **GKO-PB1B-735-U-T2R**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211885
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1B-735-U-T2R
Description: GEKKO WALL PACK 1500LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE II
ROADWAY DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1451.7 lumens
Efficiency: N/A
Efficacy: 156.1 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 9.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 14%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

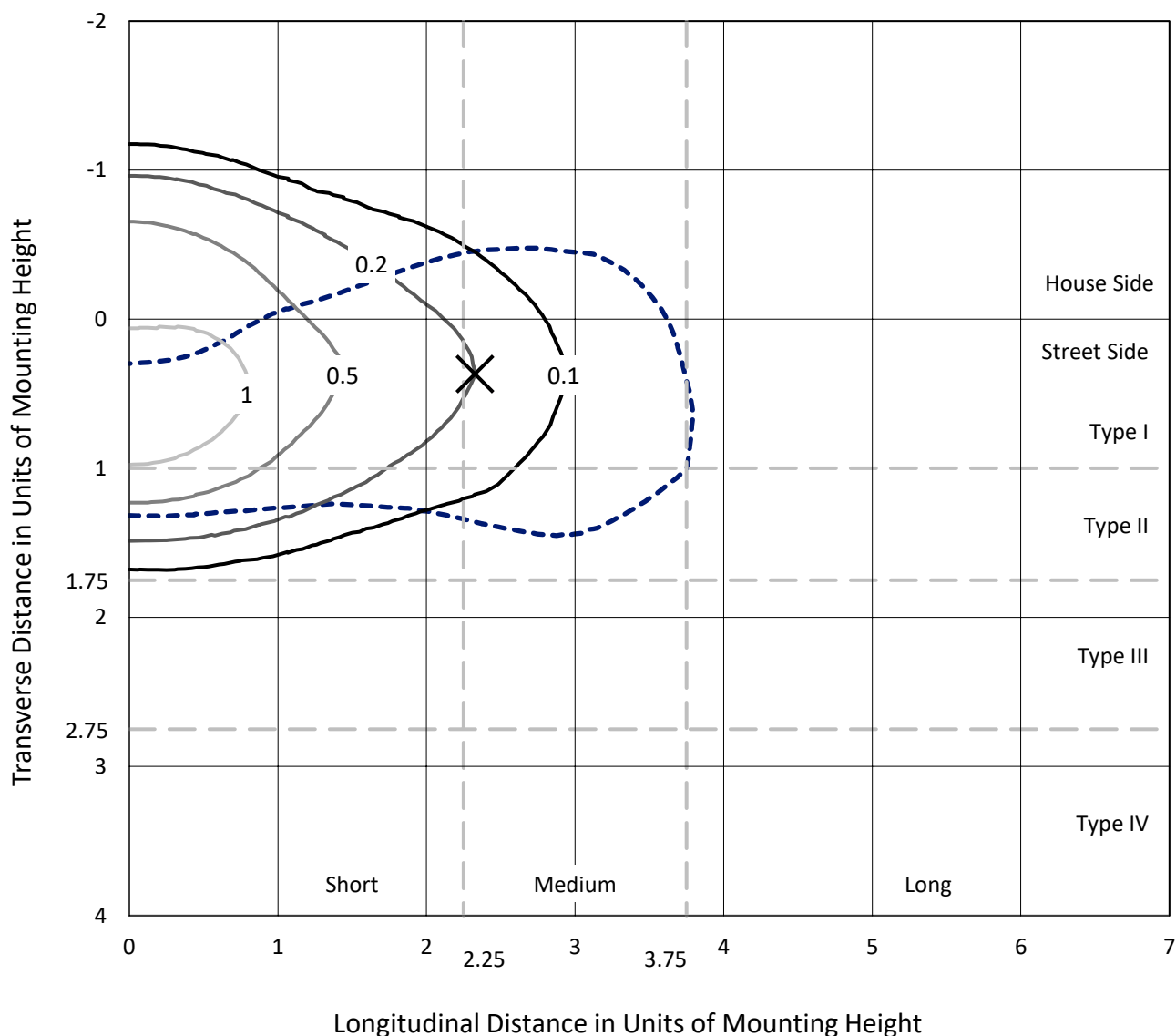
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

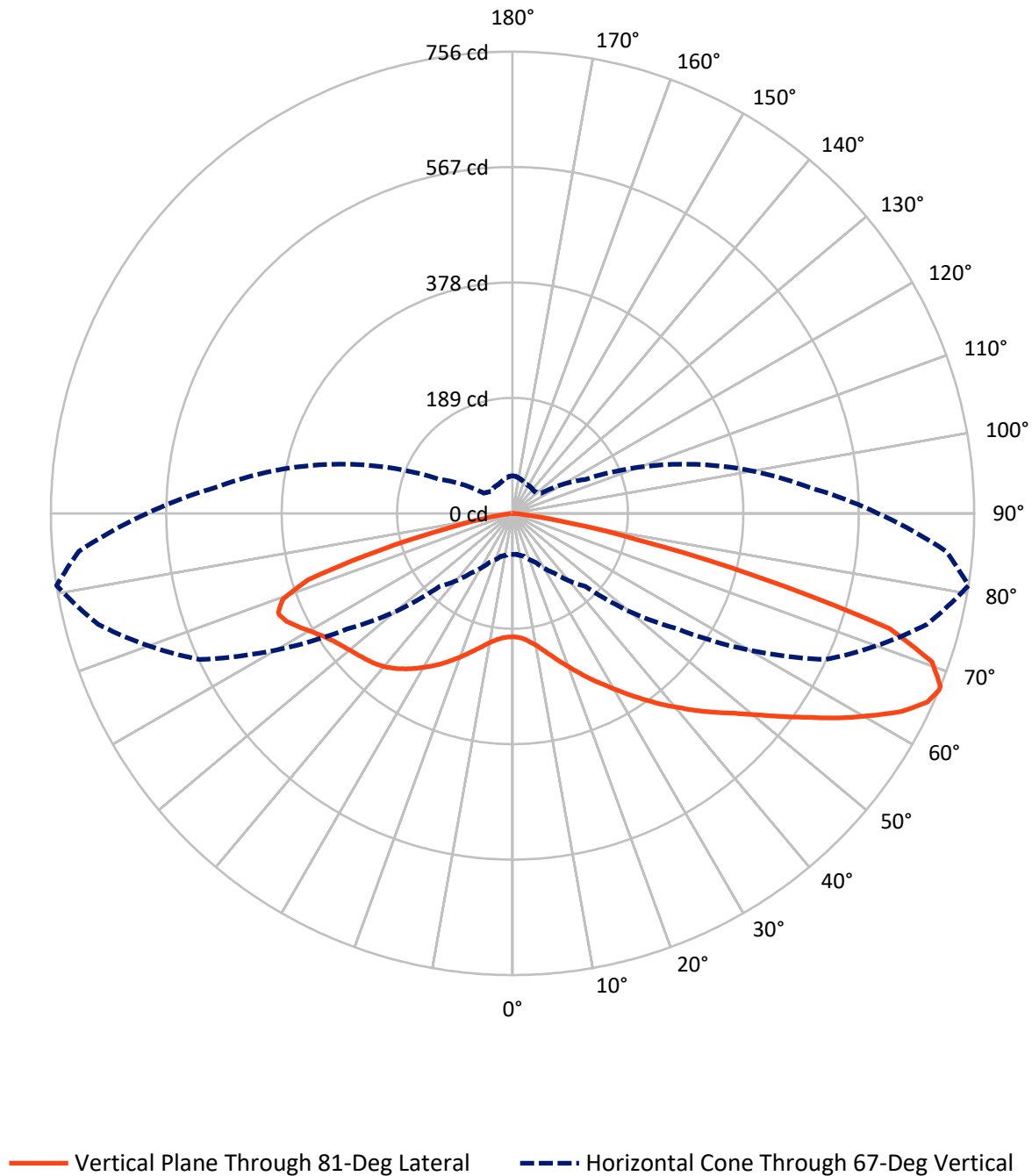
--- 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.7 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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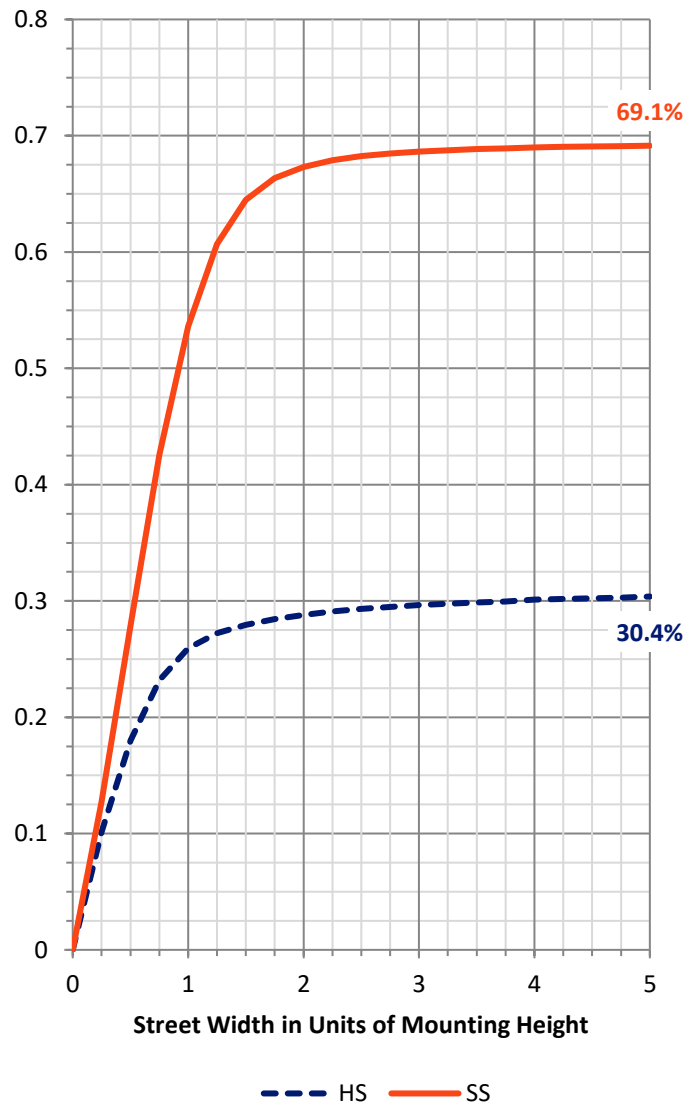
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	448.3	0.0	448.3
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	1003.5	0.0	1003.5
	% Fixture	69.1	0.0	69.1
Total	Lumens	1451.7	0.0	1451.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.9	1.4
10°-20°	75.8	5.2
20°-30°	153.6	10.6
30°-40°	242.2	16.7
40°-50°	297.4	20.5
50°-60°	284.2	19.6
60°-70°	238.3	16.4
70°-80°	126.2	8.7
80°-90°	13.0	0.9
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°	1451.7	100.0
0°-180°	1451.7	100.0

Coefficient of Utilization



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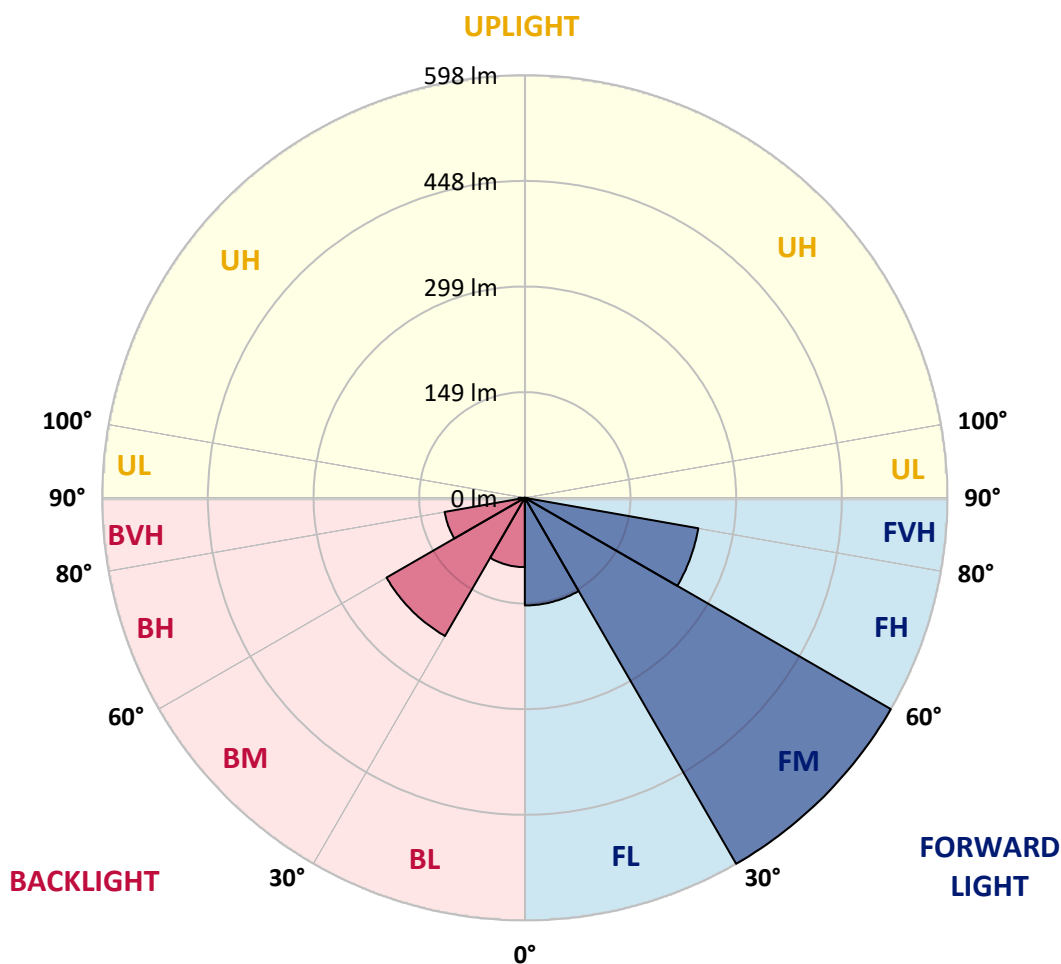
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	152.3	10.5			
FM	(30°-60°)	597.9	41.2			
FH	(60°-80°)	249.2	17.2			G0/660
FVH	(80°-90°)	4.1	0.3			G0/10
BL	(0°-30°)	98.1	6.8	B0/110		
BM	(30°-60°)	225.9	15.6	B1/1000		
BH	(60°-80°)	115.3	7.9	B1/500		G1/500
BVH	(80°-90°)	9.0	0.6			G0/10
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 Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2
2.5°	213.9	214.4	213.3	213.1	211.9	210.3	208.3	206.9	204.7	203.6	203.1
5°	234.2	233.1	232.2	230.8	226.9	223.6	218.1	214.2	210.0	207.2	206.4
7.5°	258.9	259.4	256.7	253.1	247.5	240.8	231.9	224.7	216.9	213.3	211.7
10°	285.8	288.1	285.3	280.8	270.3	260.3	249.4	236.9	226.4	220.8	218.6
12.5°	318.6	320.0	316.4	310.6	297.8	282.8	267.5	251.9	238.1	231.1	227.2
15°	355.3	354.2	350.6	342.0	325.6	308.9	288.1	267.8	251.4	242.8	237.2
17.5°	393.1	391.7	387.0	375.8	357.2	336.4	311.7	286.1	265.6	256.1	248.6
20°	429.2	427.8	424.5	412.0	389.5	363.9	335.0	307.2	281.7	270.0	261.7
22.5°	469.2	468.1	462.8	447.5	423.3	395.3	361.7	328.6	299.2	285.3	275.3
25°	512.5	512.8	507.0	485.6	458.3	425.6	390.3	352.8	318.9	301.4	290.0
27.5°	563.1	562.8	552.8	529.7	495.6	457.8	418.6	378.1	338.3	317.8	304.7
30°	608.9	607.8	596.7	573.6	534.2	491.7	448.6	402.5	360.3	335.8	320.0
32.5°	642.8	643.1	633.9	608.6	570.0	524.7	476.7	430.0	381.4	355.3	337.8
35°	667.2	667.5	658.6	637.0	600.8	555.6	506.4	455.8	405.0	375.3	356.4
37.5°	675.0	675.0	669.2	652.2	622.8	583.3	535.6	485.3	428.6	397.0	375.3
40°	664.5	665.3	665.0	653.9	633.6	602.5	562.5	513.6	455.0	418.3	394.5
42.5°	640.6	641.1	642.0	637.8	631.4	612.8	584.2	542.5	481.4	441.7	413.3
45°	601.1	603.3	607.5	609.2	611.7	610.3	597.5	569.5	510.8	465.0	432.0
47.5°	551.1	554.7	560.3	570.3	584.2	595.3	600.8	590.3	539.5	489.2	452.8
50°	481.7	485.6	500.6	521.4	548.9	570.6	591.7	605.8	571.4	518.6	476.1
52.5°	385.6	393.9	419.2	459.2	506.4	538.6	572.2	613.3	603.9	553.3	503.9
55°	293.3	296.4	328.9	377.0	449.7	504.2	545.6	609.5	634.5	589.7	535.6
57.5°	205.0	208.3	236.7	289.2	369.7	459.2	518.9	596.4	662.2	632.5	572.0
60°	145.6	149.2	170.3	209.2	287.2	393.6	494.2	579.7	686.4	673.1	613.9
62.5°	105.8	107.8	118.9	151.7	207.5	307.8	458.9	568.9	703.3	715.3	657.0
65°	81.1	83.1	89.4	110.0	153.3	225.0	395.6	568.6	707.8	746.4	694.2
67°	67.5	67.2	72.8	88.3	119.7	169.2	330.3	566.4	702.8	756.4	713.1
67.5°	63.9	65.0	69.4	82.5	113.1	155.8	316.1	562.8	701.1	756.1	714.5
70°	50.8	51.1	55.0	65.3	85.0	113.1	227.5	527.2	675.8	728.9	698.9
72.5°	37.2	36.9	42.8	49.4	65.0	82.2	152.5	442.8	621.1	645.8	621.4
75°	27.5	27.2	30.3	37.8	46.4	61.4	98.9	288.9	420.6	410.8	379.5
77.5°	18.3	18.9	21.7	27.8	33.1	38.1	49.4	133.1	231.7	209.4	201.7
80°	11.1	10.3	12.2	15.8	19.2	19.4	21.1	57.5	99.4	94.7	88.9
82.5°	3.9	3.9	4.7	6.4	6.4	6.4	7.8	13.9	19.7	18.1	17.2
85°	0.0	0.0	0.0	0.0	0.6	0.8	0.6	1.1	1.9	2.2	2.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6	0.8	1.1	1.1
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°	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2	202.2
2.5°	203.1	203.1	202.2	201.1	200.6	200.3	199.4	198.3	199.2	200.0	200.0
5°	205.8	205.3	203.6	202.5	201.7	201.7	200.6	200.3	201.1	201.9	201.7
7.5°	210.3	209.2	207.2	205.6	205.8	206.1	204.4	204.4	205.3	206.1	206.1
10°	216.4	214.4	212.5	211.1	211.4	211.7	210.0	209.4	210.3	211.1	211.7
12.5°	224.2	221.7	219.4	218.1	217.8	218.1	216.4	215.8	215.8	216.4	216.4
15°	233.3	230.6	227.8	225.8	225.3	225.0	222.8	220.8	220.8	221.1	221.1
17.5°	243.9	240.0	236.4	234.2	232.8	230.8	228.3	225.6	224.7	225.0	225.0
20°	254.4	250.3	245.6	242.5	239.7	236.4	232.5	228.9	227.2	227.2	226.9
22.5°	266.7	261.1	254.7	250.6	245.6	240.0	234.4	229.7	228.1	227.5	227.5
25°	279.2	272.8	263.6	257.2	250.0	241.9	234.7	228.3	225.6	224.4	224.4
27.5°	291.9	284.4	272.5	263.3	252.8	241.7	231.9	223.9	220.0	218.6	218.1
30°	306.4	295.6	280.3	267.8	253.3	239.2	226.7	217.2	211.4	208.1	208.3
32.5°	321.4	307.8	287.5	270.6	252.5	234.4	218.6	206.7	199.2	196.1	195.0
35°	336.7	319.5	293.9	271.9	249.7	227.2	208.3	195.0	186.7	182.2	182.2
37.5°	352.2	331.7	298.3	271.7	244.7	217.8	196.4	182.2	172.5	166.9	165.6
40°	367.5	343.1	301.7	269.4	237.2	206.4	183.6	168.3	155.3	148.1	146.9
42.5°	382.5	352.5	303.3	265.8	228.3	193.9	169.2	148.6	136.1	129.4	129.2
45°	396.1	360.0	303.6	261.1	216.7	179.7	149.7	130.0	117.5	110.6	110.6
47.5°	409.5	368.3	303.3	255.0	203.9	161.4	129.2	110.0	98.6	94.2	92.8
50°	425.6	376.7	303.1	247.5	187.5	139.4	109.2	92.8	83.1	78.6	78.6
52.5°	442.0	386.4	303.6	236.9	168.1	118.1	91.4	76.9	70.6	67.8	67.5
55°	463.1	396.7	305.0	224.4	147.8	97.2	76.1	66.4	61.9	60.6	60.8
57.5°	488.6	410.8	307.8	209.7	124.2	79.7	65.3	60.0	58.9	59.4	59.7
60°	517.8	428.3	311.7	193.1	103.3	66.4	58.9	57.8	58.9	61.1	61.4
62.5°	551.7	449.5	316.7	174.4	82.8	58.3	56.1	56.9	57.8	61.4	61.7
65°	581.7	472.2	317.8	152.5	67.2	53.1	54.4	55.0	57.2	61.4	61.7
67°	598.6	487.8	310.3	131.7	57.5	50.3	52.2	52.8	56.7	60.8	61.4
67.5°	600.6	491.1	305.3	126.4	55.6	49.7	51.7	52.8	56.7	60.8	61.1
70°	594.7	488.9	271.9	95.3	45.8	45.8	48.1	50.6	54.4	58.9	60.8
72.5°	542.8	445.8	210.6	64.7	38.9	41.4	44.7	48.3	51.9	57.2	60.6
75°	343.1	286.9	128.9	43.3	32.5	36.9	42.2	46.4	49.4	53.3	55.6
77.5°	183.3	141.9	55.6	25.6	25.6	32.8	39.2	43.1	44.7	46.1	47.5
80°	86.7	66.1	26.9	15.3	17.8	25.6	34.7	38.9	39.4	41.1	41.7
82.5°	17.2	15.0	8.9	8.1	11.7	18.3	28.9	33.6	33.9	36.7	37.2
85°	2.2	1.9	1.4	3.1	7.5	13.6	22.2	28.9	29.4	29.4	28.9
87.5°	1.1	0.8	0.8	2.2	5.6	10.3	18.3	24.2	24.4	19.2	18.6
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)