

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: P1211895

Luminaire Tested: **GKO-PB1B-827-U-T2R**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211895
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1B-827-U-T2R
Description: GEKKO WALL PACK 1500LM PACKAGE 80CRI 2700K FIXTURE w/ TYPE II
ROADWAY DISTRIBUTION OPTIC
Light Source: (10) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

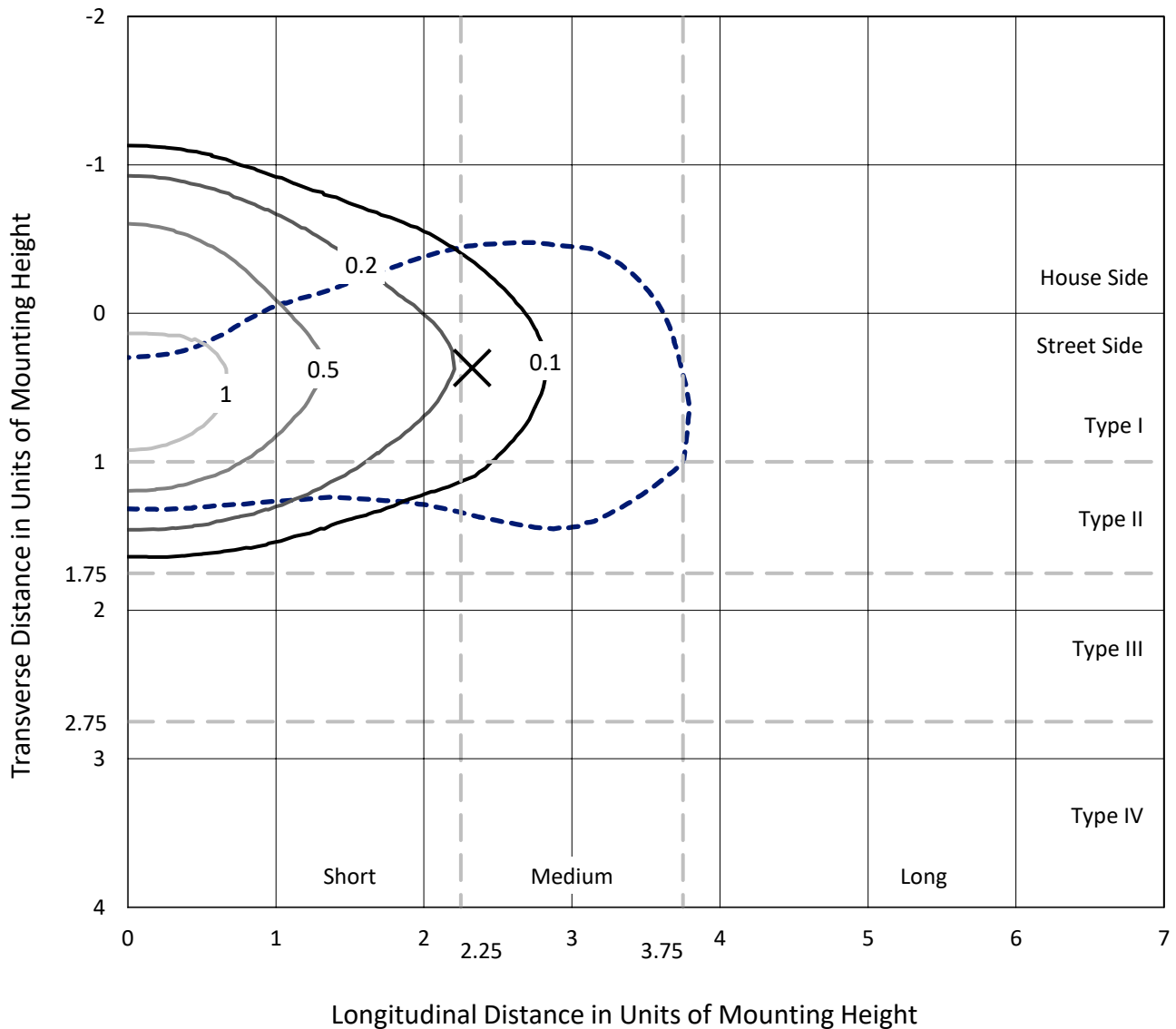
Lumens per Lamp: N/A
Luminaire Lumens: 1286.2 lumens
Efficiency: N/A
Efficacy: 138.3 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G0

Input Watts (W): 9.3
Input Voltage (V): 120
Input Current (A_{in}): 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

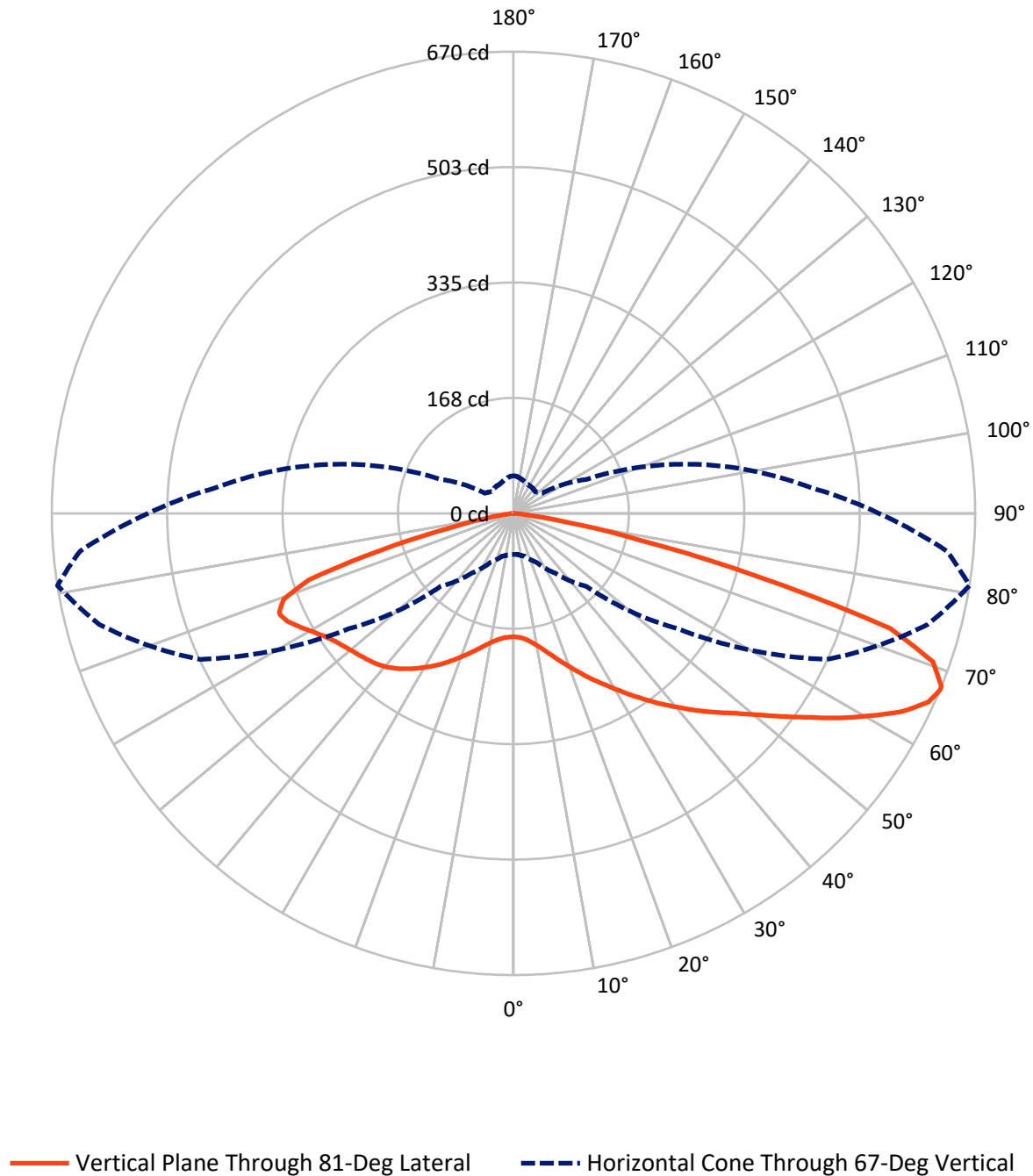
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.5 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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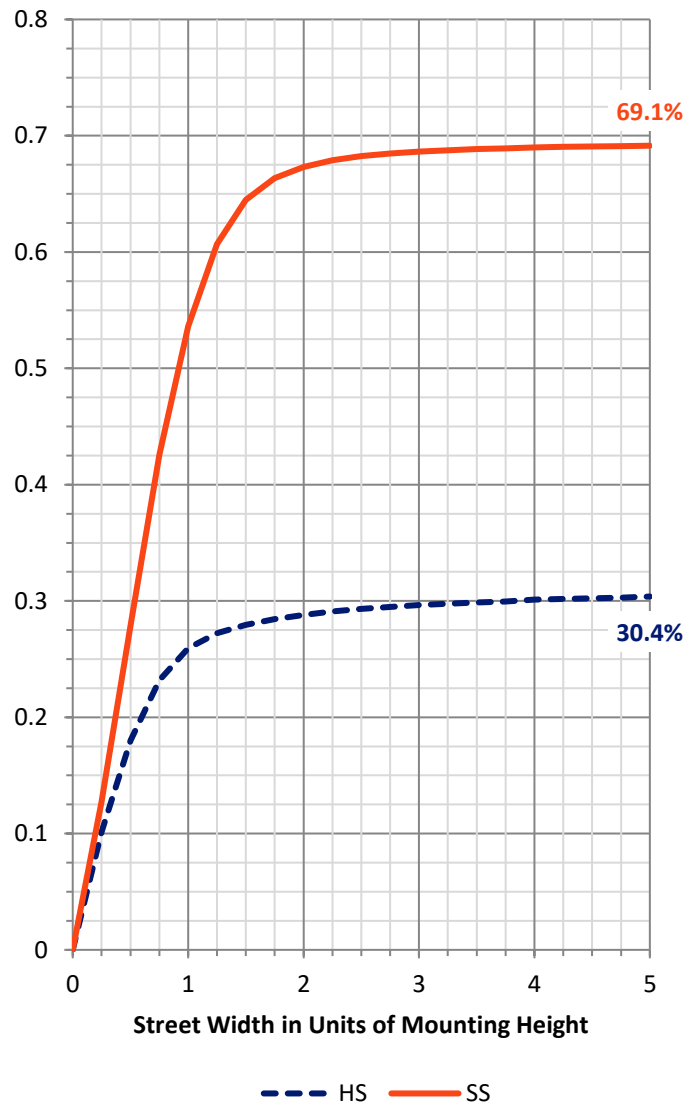
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	397.2	0.0	397.2
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	889.0	0.0	889.0
	% Fixture	69.1	0.0	69.1
Total	Lumens	1286.2	0.0	1286.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.6	1.4
10°-20°	67.2	5.2
20°-30°	136.1	10.6
30°-40°	214.6	16.7
40°-50°	263.5	20.5
50°-60°	251.8	19.6
60°-70°	211.1	16.4
70°-80°	111.8	8.7
80°-90°	11.6	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°	1286.2	100.0
0°-180°	1286.2	100.0

Coefficient of Utilization



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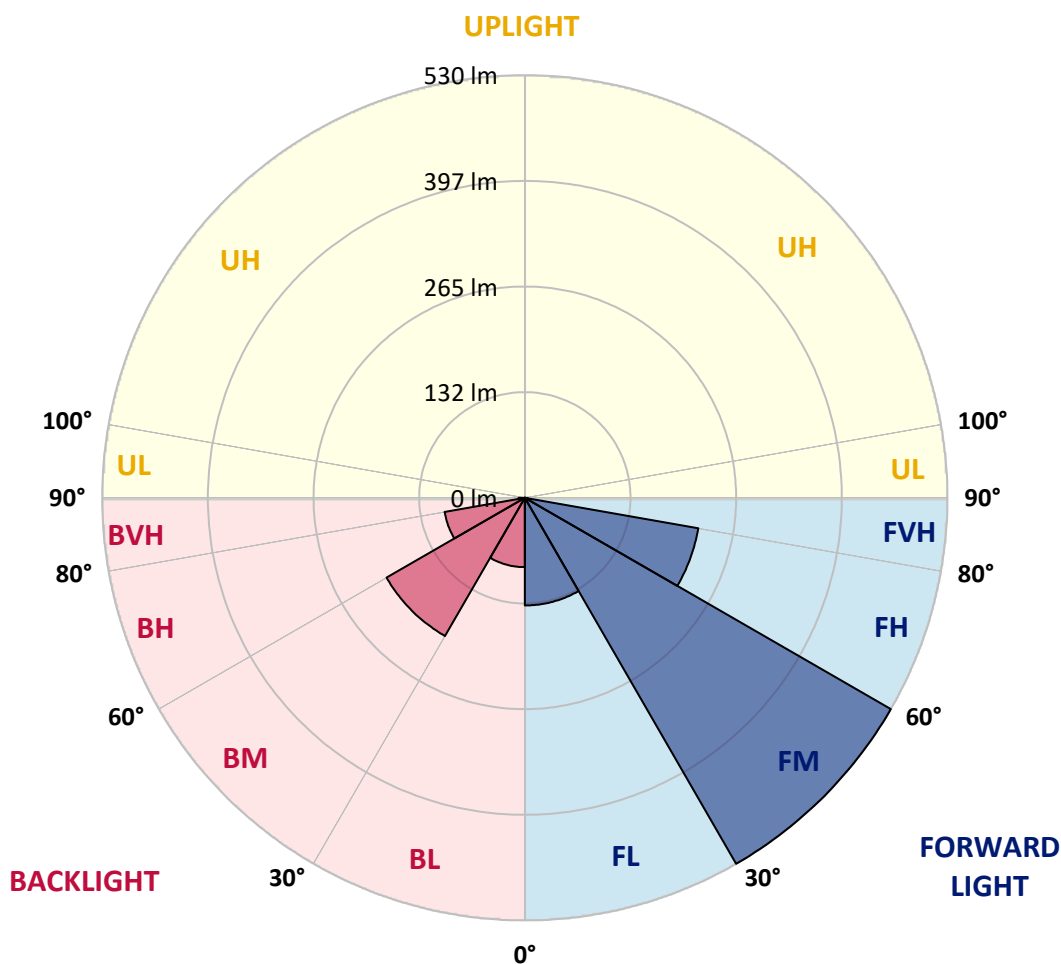
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	134.9	10.5			
FM	(30°-60°)	529.7	41.2			
FH	(60°-80°)	220.8	17.2			G0/660
FVH	(80°-90°)	3.6	0.3			G0/10
BL	(0°-30°)	86.9	6.8	B0/110		
BM	(30°-60°)	200.1	15.6	B0/220		
BH	(60°-80°)	102.2	7.9	B0/110		G0/110
BVH	(80°-90°)	8.0	0.6			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G0

Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	179.2	179.2	179.2	179.2	179.2	179.2	179.2	179.2	179.2	179.2	179.2
2.5°	189.5	190.0	189.0	188.8	187.8	186.3	184.6	183.4	181.4	180.4	179.9
5°	207.5	206.5	205.7	204.5	201.1	198.1	193.2	189.7	186.1	183.6	182.9
7.5°	229.4	229.9	227.4	224.2	219.3	213.4	205.5	199.1	192.2	189.0	187.5
10°	253.2	255.2	252.8	248.8	239.5	230.6	221.0	209.9	200.6	195.7	193.7
12.5°	282.3	283.5	280.3	275.1	263.8	250.5	237.0	223.2	210.9	204.8	201.3
15°	314.8	313.8	310.6	303.0	288.4	273.7	255.2	237.2	222.7	215.1	210.2
17.5°	348.2	347.0	342.8	333.0	316.5	298.0	276.1	253.5	235.3	226.9	220.3
20°	380.2	379.0	376.1	365.0	345.0	322.4	296.8	272.2	249.6	239.2	231.8
22.5°	415.7	414.7	410.0	396.5	375.1	350.2	320.4	291.1	265.1	252.8	243.9
25°	454.1	454.3	449.1	430.2	406.1	377.0	345.8	312.6	282.5	267.0	256.9
27.5°	498.9	498.6	489.8	469.3	439.1	405.6	370.9	335.0	299.8	281.5	270.0
30°	539.5	538.5	528.6	508.2	473.3	435.6	397.5	356.6	319.2	297.5	283.5
32.5°	569.5	569.7	561.6	539.2	505.0	464.9	422.3	381.0	337.9	314.8	299.3
35°	591.2	591.4	583.5	564.3	532.3	492.2	448.7	403.9	358.8	332.5	315.8
37.5°	598.0	598.0	592.9	577.9	551.8	516.8	474.5	430.0	379.7	351.7	332.5
40°	588.7	589.4	589.2	579.3	561.4	533.8	498.4	455.1	403.1	370.6	349.5
42.5°	567.5	568.0	568.8	565.1	559.4	542.9	517.6	480.6	426.5	391.3	366.2
45°	532.6	534.5	538.2	539.7	541.9	540.7	529.4	504.5	452.6	412.0	382.7
47.5°	488.3	491.5	496.4	505.3	517.6	527.4	532.3	523.0	477.9	433.4	401.2
50°	426.8	430.2	443.5	461.9	486.3	505.5	524.2	536.8	506.2	459.5	421.8
52.5°	341.6	349.0	371.4	406.8	448.7	477.2	507.0	543.4	535.0	490.2	446.4
55°	259.9	262.6	291.4	334.0	398.4	446.7	483.4	540.0	562.1	522.5	474.5
57.5°	181.6	184.6	209.7	256.2	327.6	406.8	459.7	528.4	586.7	560.4	506.7
60°	129.0	132.2	150.9	185.3	254.5	348.7	437.8	513.6	608.1	596.3	543.9
62.5°	93.8	95.5	105.3	134.4	183.8	272.7	406.6	504.0	623.1	633.7	582.0
65°	71.9	73.6	79.2	97.5	135.9	199.3	350.5	503.8	627.1	661.3	615.0
67°	59.8	59.6	64.5	78.3	106.1	149.9	292.6	501.8	622.7	670.2	631.8
67.5°	56.6	57.6	61.5	73.1	100.2	138.1	280.1	498.6	621.2	669.9	633.0
70°	45.0	45.3	48.7	57.8	75.3	100.2	201.6	467.1	598.8	645.8	619.2
72.5°	33.0	32.7	37.9	43.8	57.6	72.8	135.1	392.3	550.3	572.2	550.5
75°	24.4	24.1	26.8	33.5	41.1	54.4	87.6	256.0	372.6	364.0	336.2
77.5°	16.2	16.7	19.2	24.6	29.3	33.7	43.8	117.9	205.3	185.6	178.7
80°	9.8	9.1	10.8	14.0	17.0	17.2	18.7	50.9	88.1	83.9	78.8
82.5°	3.4	3.4	4.2	5.7	5.7	5.7	6.9	12.3	17.5	16.0	15.3
85°	0.0	0.0	0.0	0.0	0.5	0.7	0.5	1.0	1.7	2.0	2.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.7	1.0	1.0
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°	179.2	179.2	179.2	179.2	179.2	179.2	179.2	179.2	179.2	179.2	179.2
2.5°	179.9	179.9	179.2	178.2	177.7	177.4	176.7	175.7	176.5	177.2	177.2
5°	182.4	181.9	180.4	179.4	178.7	178.7	177.7	177.4	178.2	178.9	178.7
7.5°	186.3	185.3	183.6	182.1	182.4	182.6	181.1	181.1	181.9	182.6	182.6
10°	191.7	190.0	188.3	187.0	187.3	187.5	186.1	185.6	186.3	187.0	187.5
12.5°	198.6	196.4	194.4	193.2	192.9	193.2	191.7	191.2	191.2	191.7	191.7
15°	206.7	204.3	201.8	200.1	199.6	199.3	197.4	195.7	195.7	195.9	195.9
17.5°	216.1	212.6	209.4	207.5	206.2	204.5	202.3	199.8	199.1	199.3	199.3
20°	225.4	221.7	217.6	214.9	212.4	209.4	206.0	202.8	201.3	201.3	201.1
22.5°	236.3	231.3	225.7	222.0	217.6	212.6	207.7	203.5	202.1	201.6	201.6
25°	247.3	241.7	233.6	227.9	221.5	214.4	208.0	202.3	199.8	198.9	198.9
27.5°	258.7	252.0	241.4	233.3	224.0	214.1	205.5	198.4	194.9	193.7	193.2
30°	271.5	261.9	248.3	237.2	224.5	211.9	200.8	192.5	187.3	184.3	184.6
32.5°	284.7	272.7	254.7	239.7	223.7	207.7	193.7	183.1	176.5	173.8	172.8
35°	298.3	283.0	260.4	240.9	221.3	201.3	184.6	172.8	165.4	161.4	161.4
37.5°	312.1	293.9	264.3	240.7	216.8	192.9	174.0	161.4	152.8	147.9	146.7
40°	325.6	303.9	267.3	238.7	210.2	182.9	162.7	149.1	137.6	131.2	130.2
42.5°	338.9	312.3	268.8	235.5	202.3	171.8	149.9	131.7	120.6	114.7	114.4
45°	351.0	319.0	269.0	231.3	192.0	159.2	132.7	115.2	104.1	98.0	98.0
47.5°	362.8	326.3	268.8	225.9	180.6	143.0	114.4	97.5	87.4	83.4	82.2
50°	377.0	333.7	268.5	219.3	166.1	123.5	96.7	82.2	73.6	69.6	69.6
52.5°	391.6	342.3	269.0	209.9	148.9	104.6	81.0	68.2	62.5	60.1	59.8
55°	410.3	351.4	270.2	198.9	130.9	86.1	67.4	58.8	54.9	53.7	53.9
57.5°	432.9	364.0	272.7	185.8	110.0	70.6	57.8	53.2	52.2	52.7	52.9
60°	458.7	379.5	276.1	171.0	91.6	58.8	52.2	51.2	52.2	54.1	54.4
62.5°	488.8	398.2	280.6	154.6	73.3	51.7	49.7	50.5	51.2	54.4	54.6
65°	515.4	418.4	281.5	135.1	59.6	47.0	48.2	48.7	50.7	54.4	54.6
67°	530.4	432.2	274.9	116.7	50.9	44.5	46.3	46.8	50.2	53.9	54.4
67.5°	532.1	435.1	270.5	112.0	49.2	44.1	45.8	46.8	50.2	53.9	54.1
70°	526.9	433.2	240.9	84.4	40.6	40.6	42.6	44.8	48.2	52.2	53.9
72.5°	480.9	395.0	186.6	57.3	34.5	36.7	39.6	42.8	46.0	50.7	53.7
75°	303.9	254.2	114.2	38.4	28.8	32.7	37.4	41.1	43.8	47.3	49.2
77.5°	162.4	125.8	49.2	22.6	22.6	29.0	34.7	38.1	39.6	40.9	42.1
80°	76.8	58.6	23.9	13.5	15.8	22.6	30.8	34.5	34.9	36.4	36.9
82.5°	15.3	13.3	7.9	7.1	10.3	16.2	25.6	29.8	30.0	32.5	33.0
85°	2.0	1.7	1.2	2.7	6.6	12.1	19.7	25.6	26.1	26.1	25.6
87.5°	1.0	0.7	0.7	2.0	4.9	9.1	16.2	21.4	21.7	17.0	16.5
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)