

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: P1211905

Luminaire Tested: **GKO-PB1B-830-U-T2R**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211905
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1B-830-U-T2R
Description: GEKKO WALL PACK 1500LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE II
ROADWAY DISTRIBUTION OPTIC
Light Source: (10) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

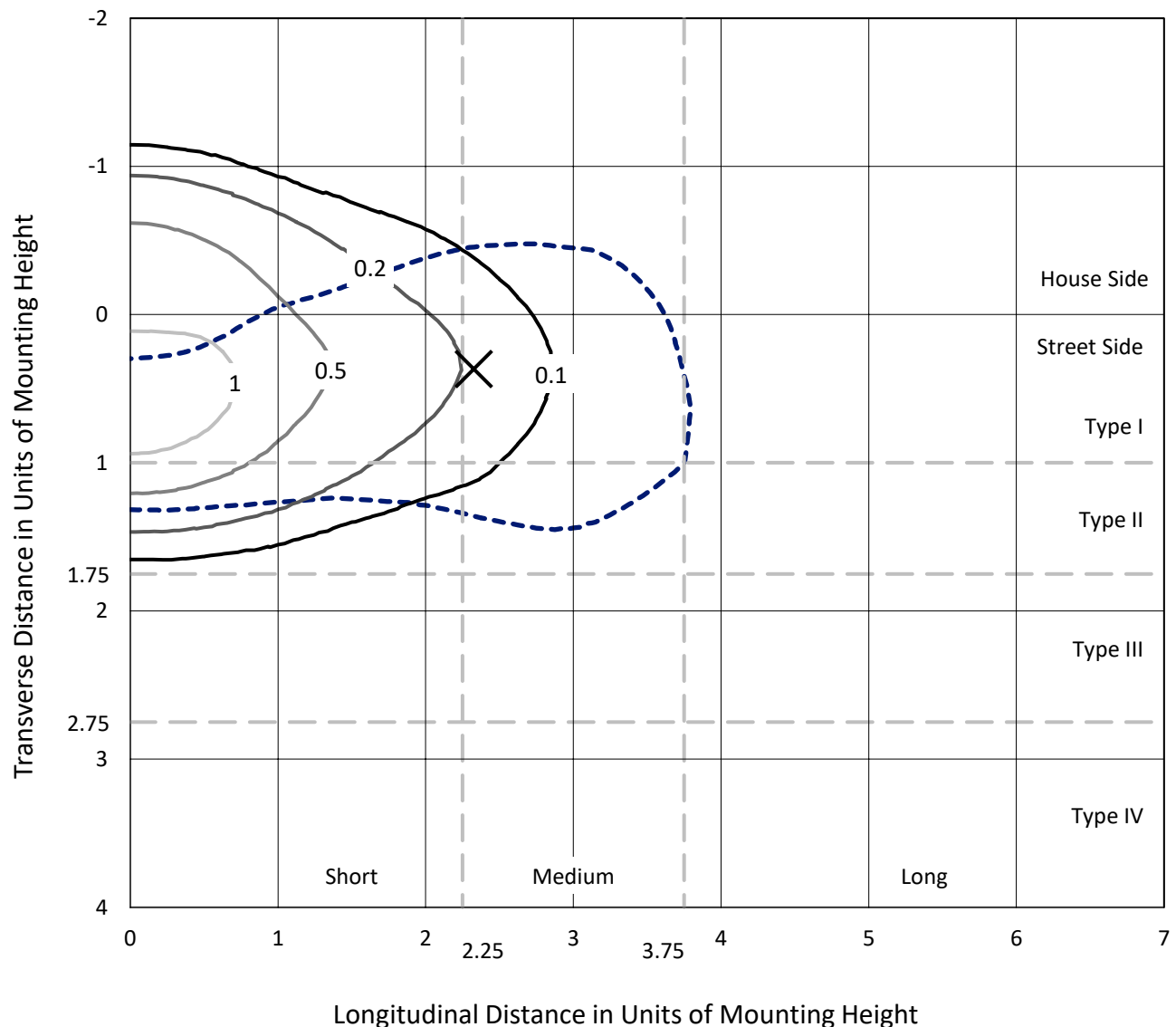
Lumens per Lamp: N/A
Luminaire Lumens: 1336.3 lumens
Efficiency: N/A
Efficacy: 143.7 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G0

Input Watts (W): 9.3
Input Voltage (V): 120
Input Current (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

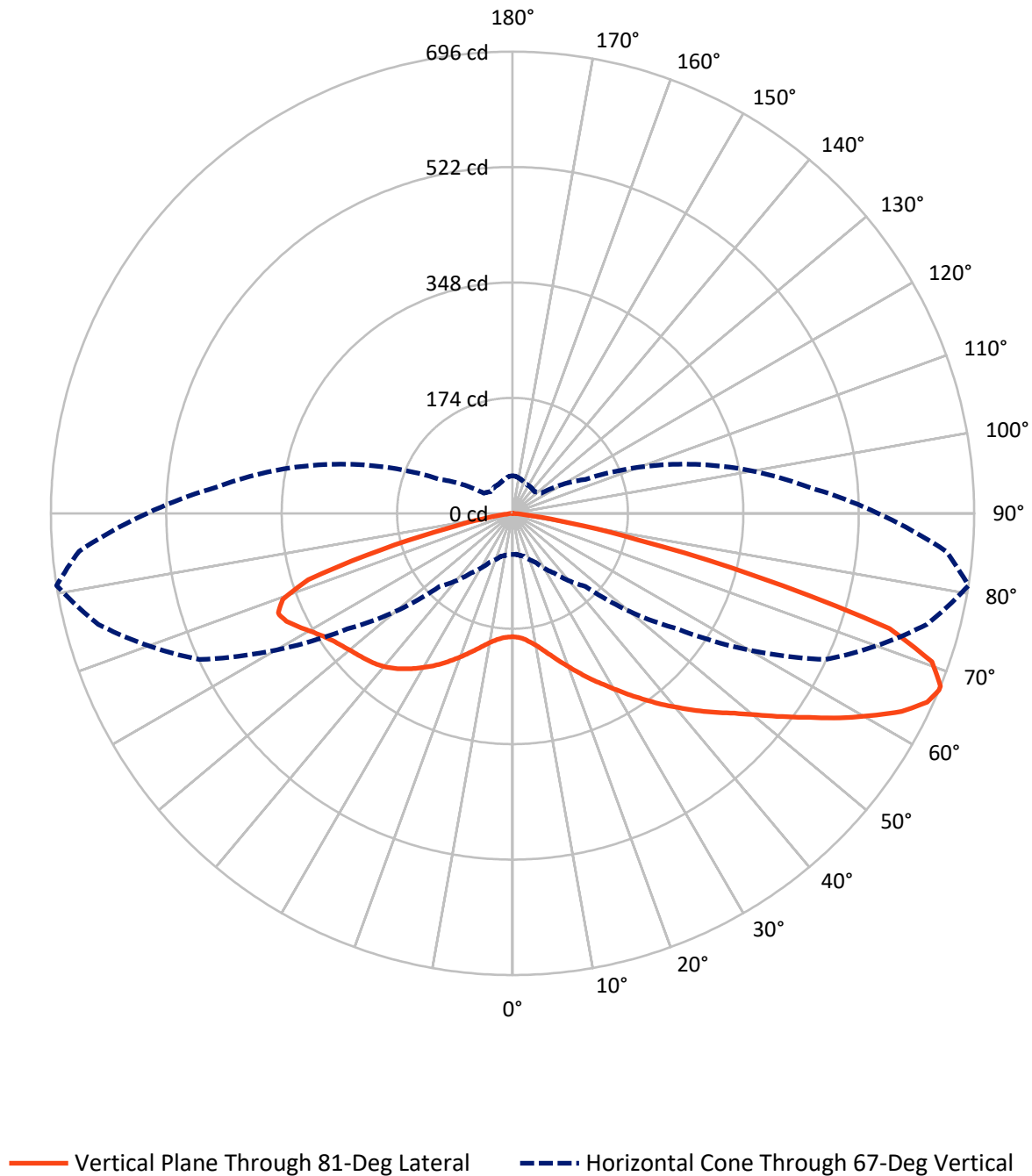
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.6 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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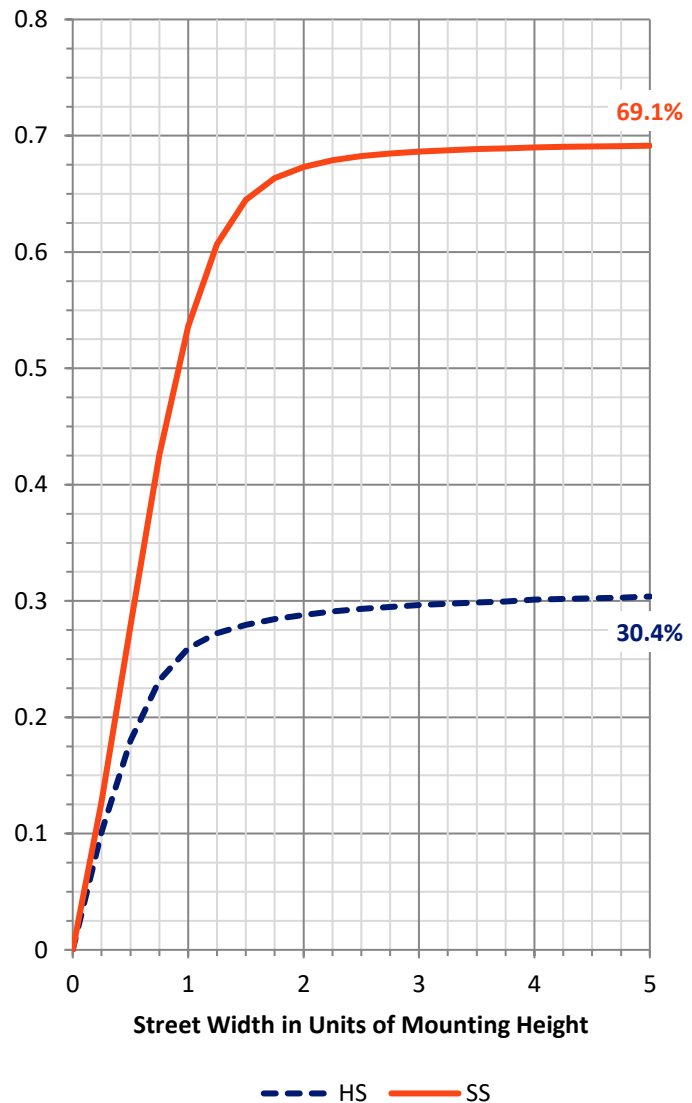
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	412.6	0.0	412.6
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	923.6	0.0	923.6
	% Fixture	69.1	0.0	69.1
Total	Lumens	1336.3	0.0	1336.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.3	1.4
10°-20°	69.8	5.2
20°-30°	141.4	10.6
30°-40°	222.9	16.7
40°-50°	273.8	20.5
50°-60°	261.6	19.6
60°-70°	219.3	16.4
70°-80°	116.2	8.7
80°-90°	12.0	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°	1336.3	100.0
0°-180°	1336.3	100.0

Coefficient of Utilization



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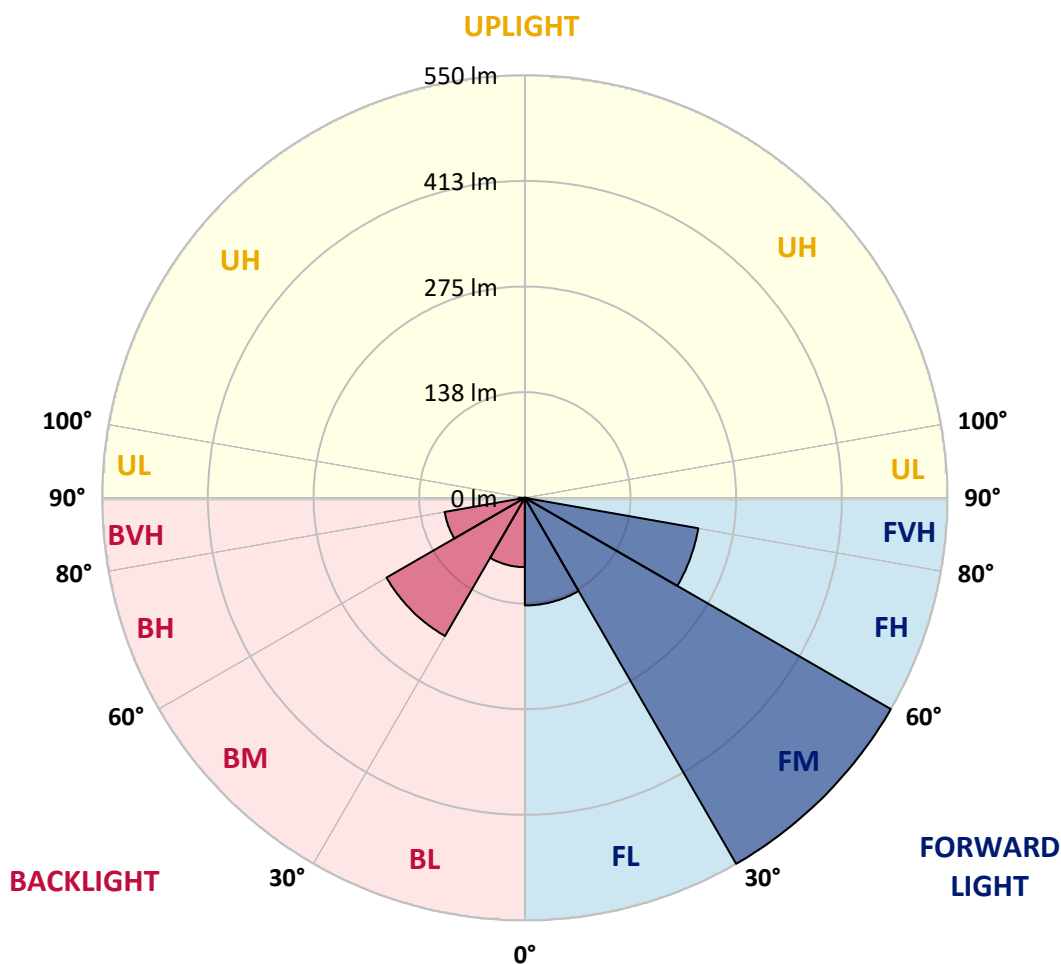
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	140.2	10.5			
FM	(30°-60°)	550.4	41.2			
FH	(60°-80°)	229.4	17.2			G0/660
FVH	(80°-90°)	3.7	0.3			G0/10
BL	(0°-30°)	90.3	6.8	B0/110		
BM	(30°-60°)	207.9	15.6	B0/220		
BH	(60°-80°)	106.1	7.9	B0/110		G0/110
BVH	(80°-90°)	8.3	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°	186.1	186.1	186.1	186.1	186.1	186.1	186.1	186.1	186.1	186.1	186.1
2.5°	196.9	197.4	196.4	196.1	195.1	193.6	191.8	190.5	188.4	187.4	186.9
5°	215.5	214.5	213.8	212.5	208.9	205.8	200.7	197.1	193.3	190.7	190.0
7.5°	238.3	238.8	236.3	232.9	227.8	221.7	213.5	206.8	199.7	196.4	194.8
10°	263.1	265.1	262.6	258.5	248.8	239.6	229.6	218.1	208.4	203.3	201.2
12.5°	293.3	294.5	291.2	285.9	274.1	260.3	246.2	231.9	219.1	212.7	209.2
15°	327.0	326.0	322.7	314.7	299.7	284.3	265.1	246.5	231.4	223.5	218.4
17.5°	361.8	360.5	356.2	345.9	328.8	309.6	286.9	263.4	244.4	235.7	228.8
20°	395.0	393.8	390.7	379.2	358.5	334.9	308.4	282.8	259.3	248.5	240.9
22.5°	431.9	430.8	426.0	411.9	389.7	363.8	332.9	302.5	275.4	262.6	253.4
25°	471.7	472.0	466.6	446.9	421.9	391.7	359.2	324.7	293.5	277.4	266.9
27.5°	518.3	518.0	508.8	487.6	456.1	421.4	385.3	348.0	311.4	292.5	280.5
30°	560.5	559.4	549.2	528.0	491.7	452.6	412.9	370.5	331.6	309.1	294.5
32.5°	591.7	591.9	583.5	560.2	524.7	483.0	438.8	395.8	351.1	327.0	310.9
35°	614.2	614.4	606.2	586.3	553.0	511.4	466.1	419.6	372.8	345.4	328.0
37.5°	621.3	621.3	615.9	600.3	573.2	536.9	493.0	446.7	394.5	365.4	345.4
40°	611.6	612.4	612.1	601.9	583.2	554.6	517.8	472.8	418.8	385.1	363.1
42.5°	589.6	590.1	590.9	587.1	581.2	564.0	537.7	499.4	443.1	406.5	380.5
45°	553.3	555.3	559.2	560.7	563.0	561.7	550.0	524.2	470.2	428.0	397.6
47.5°	507.3	510.6	515.7	524.9	537.7	547.9	553.0	543.3	496.5	450.3	416.8
50°	443.4	446.9	460.7	479.9	505.2	525.2	544.6	557.7	525.9	477.4	438.2
52.5°	354.9	362.6	385.8	422.6	466.1	495.8	526.7	564.6	555.9	509.3	463.8
55°	270.0	272.8	302.7	347.0	414.0	464.1	502.2	561.0	584.0	542.8	493.0
57.5°	188.7	191.8	217.8	266.2	340.3	422.6	477.6	549.0	609.6	582.2	526.5
60°	134.0	137.3	156.7	192.5	264.4	362.3	454.9	533.6	631.8	619.5	565.1
62.5°	97.4	99.2	109.4	139.6	191.0	283.3	422.4	523.6	647.4	658.4	604.7
65°	74.7	76.4	82.3	101.3	141.1	207.1	364.1	523.4	651.5	687.0	639.0
67°	62.1	61.9	67.0	81.3	110.2	155.7	304.0	521.3	646.9	696.2	656.3
67.5°	58.8	59.8	63.9	75.9	104.1	143.4	291.0	518.0	645.4	696.0	657.6
70°	46.8	47.0	50.6	60.1	78.2	104.1	209.4	485.3	622.1	670.9	643.3
72.5°	34.3	34.0	39.4	45.5	59.8	75.7	140.4	407.6	571.7	594.5	572.0
75°	25.3	25.1	27.9	34.8	42.7	56.5	91.0	265.9	387.1	378.2	349.3
77.5°	16.9	17.4	19.9	25.6	30.4	35.0	45.5	122.5	213.2	192.8	185.6
80°	10.2	9.5	11.3	14.6	17.6	17.9	19.4	52.9	91.5	87.2	81.8
82.5°	3.6	3.6	4.3	5.9	5.9	5.9	7.2	12.8	18.2	16.6	15.9
85°	0.0	0.0	0.0	0.0	0.5	0.8	0.5	1.0	1.8	2.0	2.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.5	0.8	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°	186.1	186.1	186.1	186.1	186.1	186.1	186.1	186.1	186.1	186.1	186.1
2.5°	186.9	186.9	186.1	185.1	184.6	184.3	183.6	182.6	183.3	184.1	184.1
5°	189.5	189.0	187.4	186.4	185.6	185.6	184.6	184.3	185.1	185.9	185.6
7.5°	193.6	192.5	190.7	189.2	189.5	189.7	188.2	188.2	189.0	189.7	189.7
10°	199.2	197.4	195.6	194.3	194.6	194.8	193.3	192.8	193.6	194.3	194.8
12.5°	206.3	204.0	202.0	200.7	200.5	200.7	199.2	198.7	198.7	199.2	199.2
15°	214.8	212.2	209.7	207.9	207.4	207.1	205.1	203.3	203.3	203.5	203.5
17.5°	224.5	220.9	217.6	215.5	214.3	212.5	210.2	207.6	206.8	207.1	207.1
20°	234.2	230.4	226.0	223.2	220.7	217.6	214.0	210.7	209.2	209.2	208.9
22.5°	245.5	240.3	234.5	230.6	226.0	220.9	215.8	211.5	209.9	209.4	209.4
25°	257.0	251.1	242.6	236.8	230.1	222.7	216.1	210.2	207.6	206.6	206.6
27.5°	268.7	261.8	250.8	242.4	232.7	222.4	213.5	206.1	202.5	201.2	200.7
30°	282.0	272.0	258.0	246.5	233.2	220.1	208.6	199.9	194.6	191.5	191.8
32.5°	295.8	283.3	264.6	249.0	232.4	215.8	201.2	190.2	183.3	180.5	179.5
35°	309.9	294.0	270.5	250.3	229.9	209.2	191.8	179.5	171.8	167.7	167.7
37.5°	324.2	305.3	274.6	250.1	225.3	200.5	180.8	167.7	158.8	153.7	152.4
40°	338.3	315.8	277.7	248.0	218.4	190.0	169.0	154.9	142.9	136.3	135.3
42.5°	352.1	324.5	279.2	244.7	210.2	178.5	155.7	136.8	125.3	119.1	118.9
45°	364.6	331.4	279.5	240.3	199.4	165.4	137.8	119.7	108.2	101.8	101.8
47.5°	376.9	339.0	279.2	234.7	187.7	148.6	118.9	101.3	90.8	86.7	85.4
50°	391.7	346.7	279.0	227.8	172.6	128.4	100.5	85.4	76.4	72.4	72.4
52.5°	406.8	355.7	279.5	218.1	154.7	108.7	84.1	70.8	64.9	62.4	62.1
55°	426.2	365.1	280.7	206.6	136.0	89.5	70.1	61.1	57.0	55.7	56.0
57.5°	449.8	378.2	283.3	193.0	114.3	73.4	60.1	55.2	54.2	54.7	55.0
60°	476.6	394.3	286.9	177.7	95.1	61.1	54.2	53.2	54.2	56.3	56.5
62.5°	507.8	413.7	291.5	160.6	76.2	53.7	51.6	52.4	53.2	56.5	56.8
65°	535.4	434.7	292.5	140.4	61.9	48.8	50.1	50.6	52.7	56.5	56.8
67°	551.0	449.0	285.6	121.2	52.9	46.3	48.1	48.6	52.2	56.0	56.5
67.5°	552.8	452.1	281.0	116.3	51.1	45.8	47.6	48.6	52.2	56.0	56.3
70°	547.4	450.0	250.3	87.7	42.2	42.2	44.2	46.5	50.1	54.2	56.0
72.5°	499.6	410.4	193.8	59.6	35.8	38.1	41.2	44.5	47.8	52.7	55.7
75°	315.8	264.1	118.6	39.9	29.9	34.0	38.9	42.7	45.5	49.1	51.1
77.5°	168.8	130.7	51.1	23.5	23.5	30.2	36.1	39.6	41.2	42.4	43.7
80°	79.8	60.9	24.8	14.1	16.4	23.5	32.0	35.8	36.3	37.8	38.4
82.5°	15.9	13.8	8.2	7.4	10.7	16.9	26.6	30.9	31.2	33.8	34.3
85°	2.0	1.8	1.3	2.8	6.9	12.5	20.5	26.6	27.1	27.1	26.6
87.5°	1.0	0.8	0.8	2.0	5.1	9.5	16.9	22.2	22.5	17.6	17.1
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)