

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: P1211855

Luminaire Tested: **GKO-PB1B-835-U-T3**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211855
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1B-835-U-T3
Description: GEKKO WALL PACK 1500LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE III
DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1338.1 lumens
Efficiency: N/A
Efficacy: 143.9 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B0 - U0 - G0

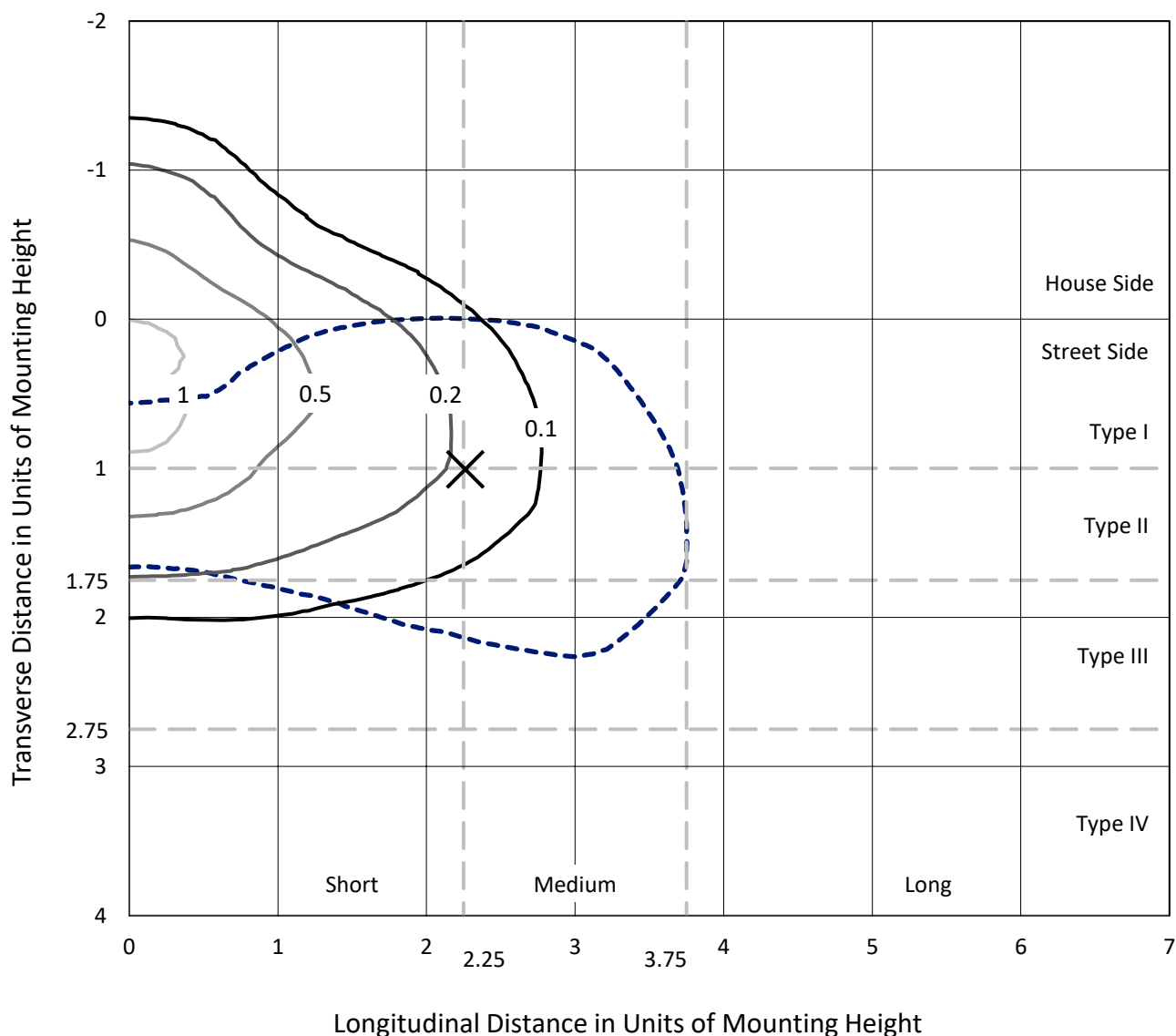
Input Watts (W): 9.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 14%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

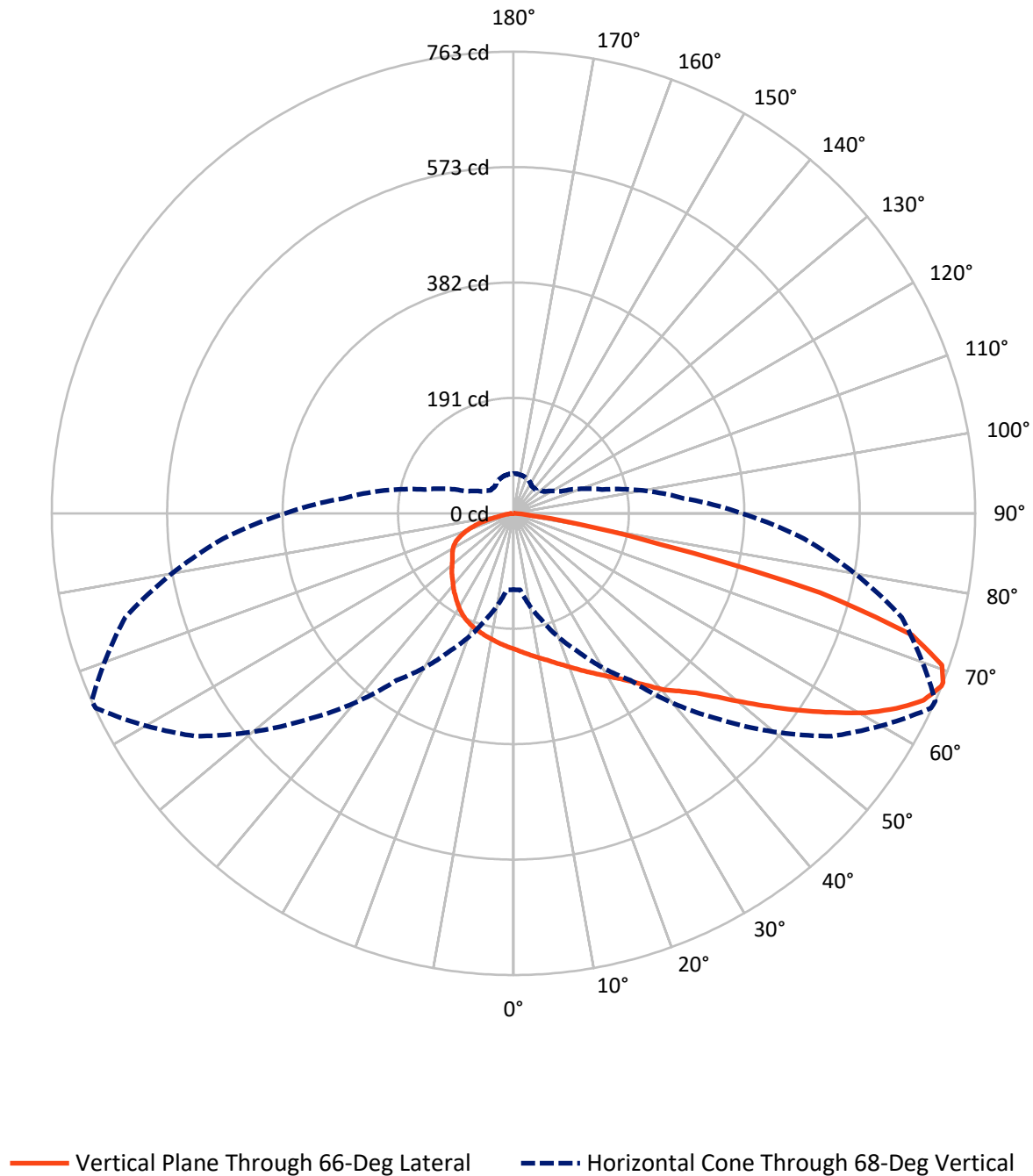
--- 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.1 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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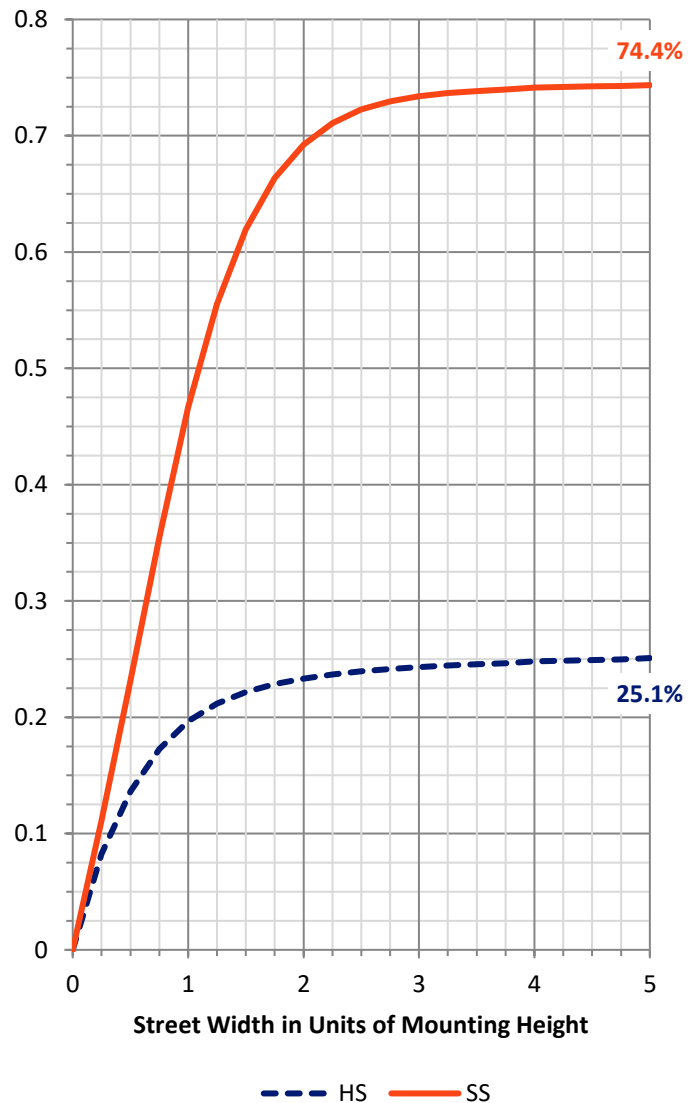
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	342.6	0.0	342.6
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	995.5	0.0	995.5
	% Fixture	74.4	0.0	74.4
Total	Lumens	1338.1	0.0	1338.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.5	1.6
10°-20°	64.7	4.8
20°-30°	111.5	8.3
30°-40°	173.0	12.9
40°-50°	237.0	17.7
50°-60°	282.7	21.1
60°-70°	283.3	21.2
70°-80°	149.9	11.2
80°-90°	14.5	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°	1338.1	100.0
0°-180°	1338.1	100.0



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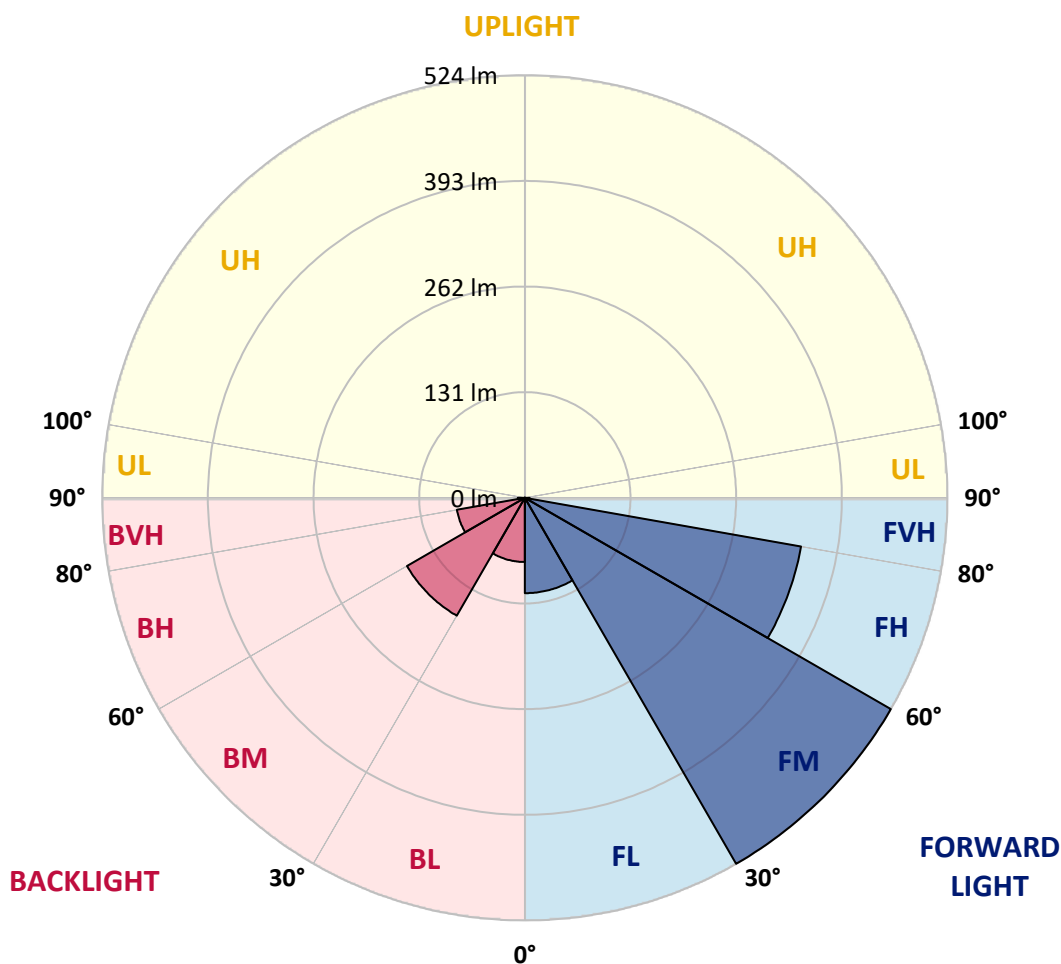
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	118.2	8.8			
FM	(30°-60°)	523.9	39.2			
FH	(60°-80°)	347.7	26.0			G0/660
FVH	(80°-90°)	5.7	0.4			G0/10
BL	(0°-30°)	79.6	5.9	B0/110		
BM	(30°-60°)	168.8	12.6	B0/220		
BH	(60°-80°)	85.5	6.4	B0/110		G0/110
BVH	(80°-90°)	8.8	0.7			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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	224.4	224.4	224.4	224.4	224.4	224.4	224.4	224.4	224.4	224.4	224.4
2.5°	233.8	233.8	233.3	233.0	232.7	231.2	230.1	228.8	228.8	226.8	224.9
5°	241.8	242.1	241.0	241.0	240.0	237.9	235.9	233.3	233.3	230.1	226.5
7.5°	248.8	249.6	248.6	248.6	247.5	245.2	241.8	238.2	238.2	233.8	228.6
10°	255.6	256.1	255.6	256.1	254.6	252.5	248.6	243.6	243.4	237.9	230.7
12.5°	261.1	261.6	261.8	262.6	261.3	259.8	256.1	249.9	249.1	242.6	233.3
15°	266.2	266.8	267.5	268.6	268.3	267.0	263.6	256.6	256.1	247.8	236.6
17.5°	270.4	270.7	272.2	274.3	274.8	275.1	271.4	264.2	263.6	253.8	240.3
20°	276.4	276.9	278.5	280.5	282.1	283.1	280.3	272.2	271.7	260.8	244.9
22.5°	289.9	289.1	289.9	289.9	290.7	292.2	290.1	282.1	281.1	269.1	250.7
25°	315.3	314.6	312.5	307.8	302.6	302.4	300.0	292.2	290.9	277.7	256.1
27.5°	350.9	349.1	345.2	335.3	322.9	314.8	311.2	303.1	301.6	286.2	261.3
30°	388.6	390.7	384.2	370.7	347.8	330.7	323.7	314.6	313.3	295.9	267.5
32.5°	432.5	432.7	426.3	407.6	377.9	350.7	338.7	327.5	326.5	307.0	275.9
35°	457.9	459.0	456.1	438.7	405.0	372.7	356.9	343.4	342.6	321.1	286.2
37.5°	484.4	486.8	482.4	463.1	425.5	393.3	377.2	362.4	361.6	337.2	299.2
40°	523.7	522.6	517.9	489.6	444.7	410.4	397.2	385.5	383.7	356.9	312.5
42.5°	552.0	554.6	544.4	512.5	465.7	427.6	417.2	403.9	401.6	368.8	320.3
45°	561.6	559.2	548.1	524.7	493.3	443.1	436.1	426.0	423.7	389.9	335.6
47.5°	563.7	559.5	549.6	532.0	516.6	463.4	459.2	456.9	453.5	416.4	354.0
50°	550.9	548.1	543.4	534.6	531.7	482.4	484.4	493.0	490.2	445.0	374.6
52.5°	522.1	520.8	525.0	530.7	523.1	498.7	514.3	531.7	530.7	476.4	396.6
55°	467.8	467.8	491.2	511.2	515.6	509.4	546.5	576.4	575.1	511.7	417.7
57.5°	418.2	419.0	438.5	483.4	502.1	520.8	582.4	623.1	621.1	551.5	439.8
60°	355.6	355.6	385.2	441.6	482.6	529.6	614.1	668.3	669.6	589.9	461.6
62.5°	281.6	282.3	323.4	389.6	454.6	531.2	639.2	710.9	710.7	624.7	478.5
65°	207.5	207.8	263.6	332.0	412.5	520.3	653.0	743.7	745.2	652.2	488.3
67.5°	134.8	137.4	194.0	269.4	353.0	489.4	645.7	761.1	762.9	665.0	485.2
68°	126.2	126.8	183.6	252.2	336.9	481.6	642.4	761.9	763.4	664.7	482.1
70°	81.8	81.8	131.4	196.9	268.8	433.0	613.0	749.6	751.5	653.3	459.5
72.5°	44.2	44.9	75.1	119.2	183.6	335.1	553.3	686.0	689.1	590.7	401.8
75°	30.9	31.4	43.6	66.8	100.0	218.2	432.5	524.2	523.7	408.1	251.7
77.5°	22.3	22.3	24.9	41.6	52.5	99.7	214.0	252.5	249.6	199.2	127.0
80°	14.5	14.5	15.6	21.8	25.2	30.4	65.5	109.4	111.4	97.1	63.4
82.5°	6.0	6.2	6.8	8.8	9.1	12.7	18.7	31.4	30.4	24.7	17.9
85°	0.8	0.8	1.0	1.3	1.6	2.9	2.6	2.6	2.6	3.1	2.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.8	0.8	1.0	0.8
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°	224.4	224.4	224.4	224.4	224.4	224.4	224.4	224.4	224.4	224.4	224.4
2.5°	224.4	224.4	222.9	221.3	219.7	218.5	216.6	215.3	215.6	216.4	216.1
5°	225.7	224.4	221.3	217.9	215.3	213.0	209.6	207.8	207.5	208.1	207.8
7.5°	226.5	224.4	219.7	214.6	210.4	207.3	202.6	200.8	200.0	200.3	200.3
10°	228.1	224.7	218.2	210.9	205.7	201.3	196.4	193.8	193.0	193.0	192.7
12.5°	229.9	225.2	216.6	207.8	201.0	195.9	190.1	187.3	186.5	186.5	186.2
15°	231.7	226.0	215.1	204.4	196.6	190.4	184.9	181.6	180.5	180.5	181.0
17.5°	234.0	226.8	213.5	201.3	192.0	184.9	179.2	175.9	174.6	175.3	175.9
20°	236.4	228.3	212.0	197.9	187.3	180.0	174.3	170.9	169.6	170.9	171.2
22.5°	239.8	229.6	210.1	194.0	182.6	174.6	169.4	166.2	165.5	166.8	167.8
25°	243.1	231.2	207.8	189.9	176.6	168.8	164.7	162.3	162.6	164.4	165.5
27.5°	246.8	232.5	205.5	184.7	170.1	162.9	159.7	159.2	160.3	162.3	163.6
30°	251.2	234.3	202.3	178.7	162.9	156.4	155.1	156.6	158.4	160.5	161.8
32.5°	256.9	236.6	199.2	172.0	155.3	149.4	151.4	154.8	156.9	159.0	160.3
35°	264.9	241.3	197.4	165.2	147.3	143.4	148.1	153.5	155.1	156.4	157.9
37.5°	274.3	247.5	196.6	159.0	140.0	138.2	144.7	151.2	151.7	152.2	153.8
40°	283.4	252.2	194.6	152.2	132.5	132.5	140.5	146.8	146.5	145.7	146.8
42.5°	287.0	251.7	188.6	145.7	126.5	126.8	134.0	140.0	138.4	138.4	140.0
45°	297.4	255.9	184.2	140.5	121.0	120.0	125.7	130.4	133.0	136.4	137.9
47.5°	310.7	261.6	180.8	134.6	115.8	112.5	115.6	123.4	127.8	131.4	132.7
50°	324.4	268.1	177.7	128.3	110.7	103.9	105.5	114.0	117.9	119.7	120.5
52.5°	338.5	274.0	175.3	123.1	104.7	93.8	97.1	105.2	108.1	109.1	109.6
55°	350.9	279.0	173.3	118.7	97.9	85.7	88.3	96.6	98.7	99.7	100.5
57.5°	364.2	284.4	172.0	114.6	90.4	78.7	80.5	88.1	90.9	92.0	92.7
60°	375.9	289.6	170.9	110.1	83.4	72.5	73.5	80.8	83.9	84.4	85.2
62.5°	383.7	293.0	169.4	104.7	76.9	66.5	66.8	73.8	77.1	77.7	78.2
65°	385.7	292.2	164.7	97.4	70.4	60.5	60.5	67.3	70.9	72.7	73.5
67.5°	379.5	285.7	154.8	88.1	64.2	55.1	55.1	61.0	64.9	67.0	67.8
68°	377.4	282.9	151.7	85.7	62.6	53.8	53.8	60.0	63.6	65.5	66.0
70°	359.8	268.8	137.4	76.9	57.7	49.9	49.9	55.3	59.2	59.2	59.0
72.5°	312.5	233.0	113.0	64.4	50.4	44.2	44.9	50.1	51.4	52.7	52.5
75°	193.5	139.5	75.8	50.9	42.3	38.7	40.3	44.9	45.7	48.6	47.8
77.5°	96.9	68.3	40.3	29.6	32.7	33.2	36.1	39.5	41.8	44.9	42.9
80°	47.8	33.2	23.6	18.4	19.2	24.4	31.4	34.0	38.2	40.3	38.4
82.5°	13.2	10.1	9.6	10.1	14.3	19.0	24.7	30.1	35.6	37.4	34.8
85°	2.3	1.8	1.6	4.9	9.9	14.0	20.0	26.8	31.9	30.7	28.8
87.5°	0.8	0.5	0.5	3.1	7.3	11.4	17.1	23.9	27.3	24.7	22.1
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)