

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: P1211835

Luminaire Tested: **GKO-PB1B-827-U-T3**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211835
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-T3
Description: GEKKO WALL PACK 1500LM PACKAGE 80CRI 2700K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (10) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

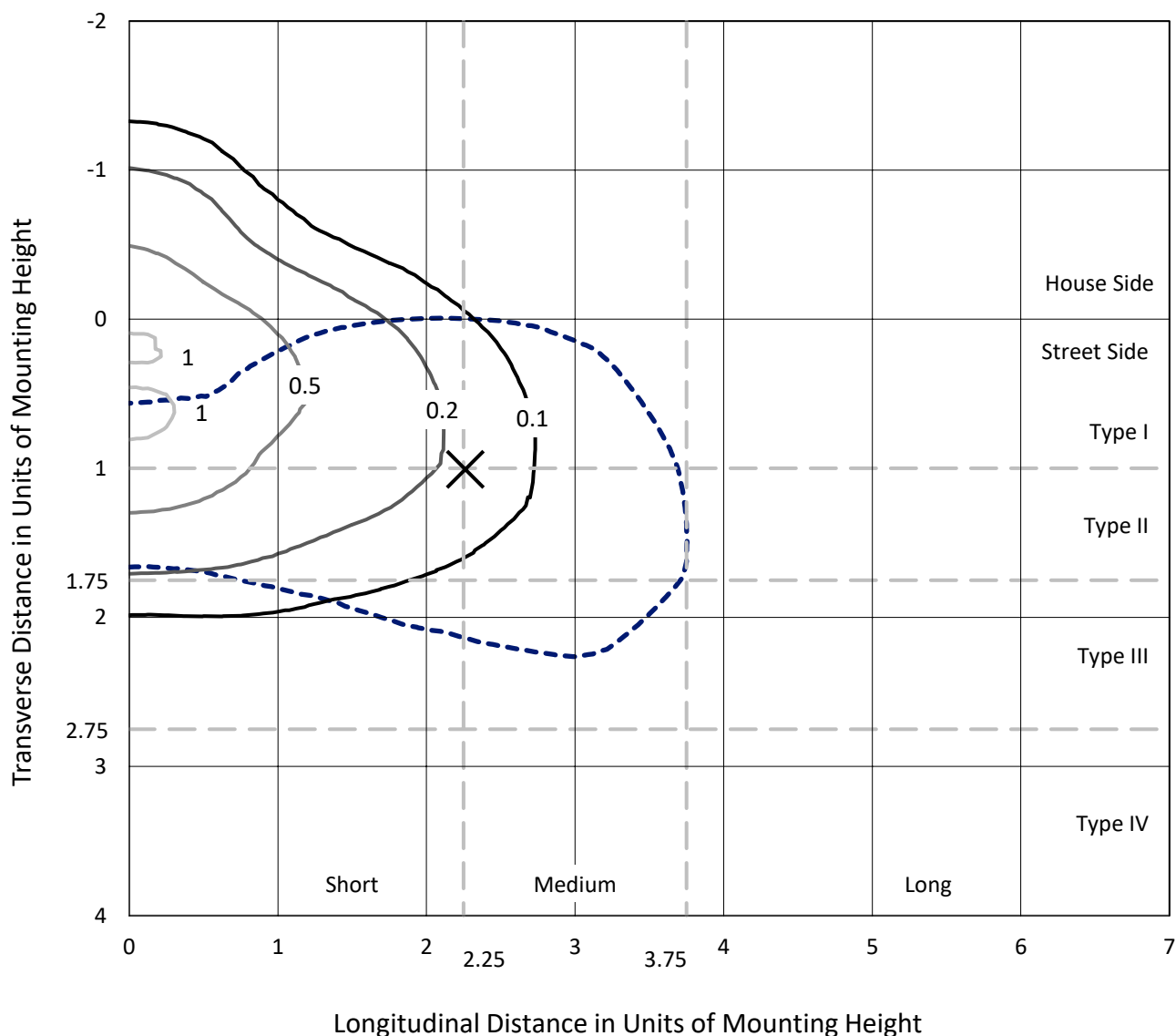
Lumens per Lamp: N/A
Luminaire Lumens: 1267.8 lumens
Efficiency: N/A
Efficacy: 136.3 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B0 - U0 - G0

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

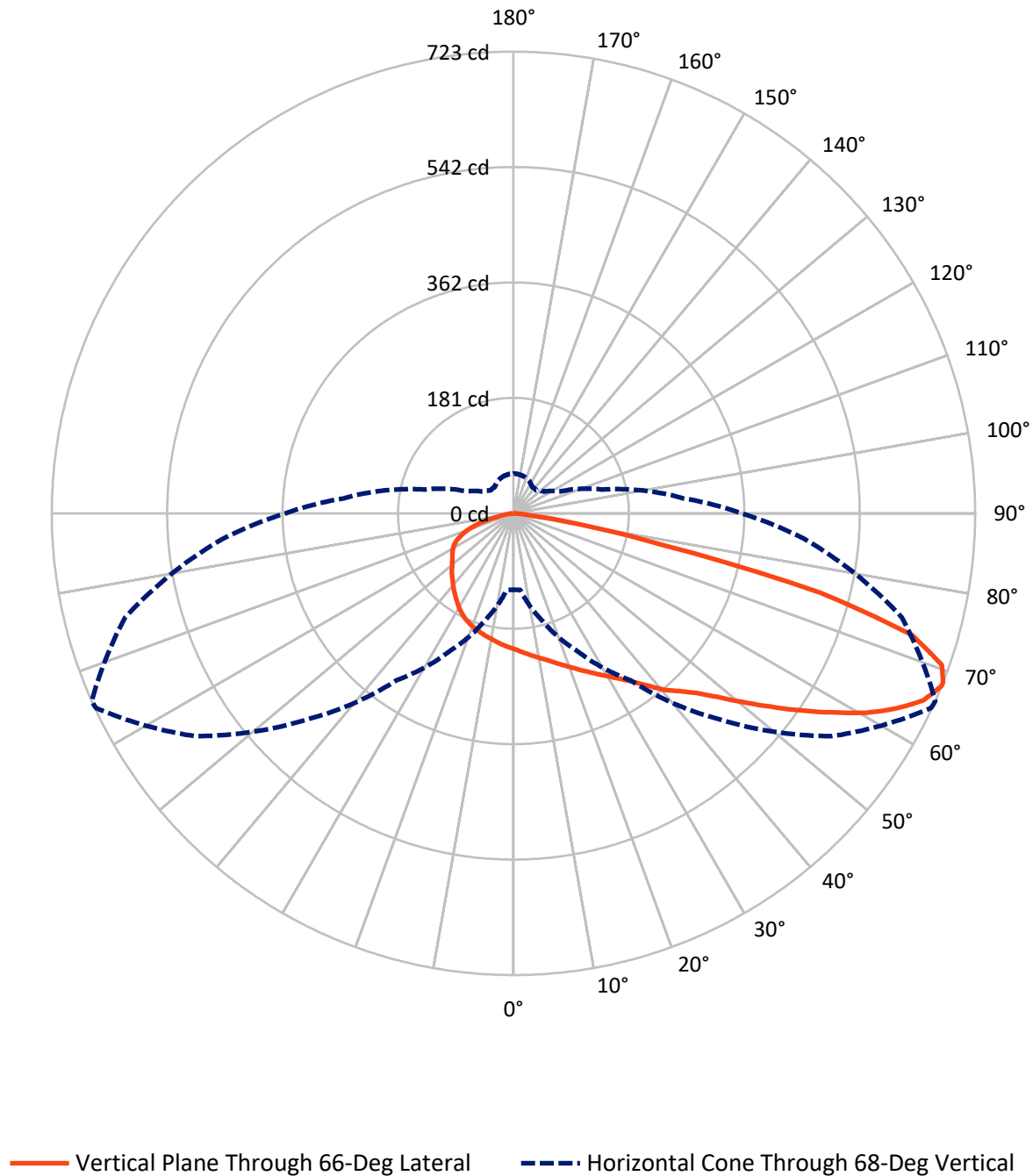
✕ Max cd
 - - - 1/2 Max cd



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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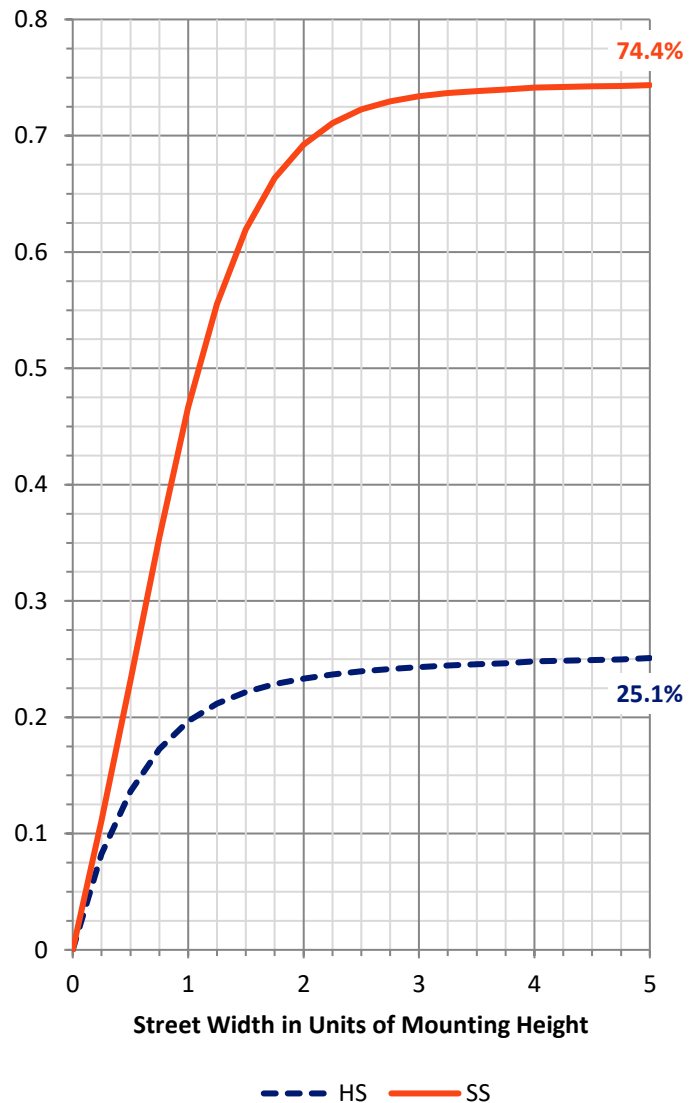
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	324.6	0.0	324.6
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	943.2	0.0	943.2
	% Fixture	74.4	0.0	74.4
Total	Lumens	1267.8	0.0	1267.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.4	1.6
10°-20°	61.3	4.8
20°-30°	105.7	8.3
30°-40°	163.9	12.9
40°-50°	224.5	17.7
50°-60°	267.8	21.1
60°-70°	268.4	21.2
70°-80°	142.0	11.2
80°-90°	13.7	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°	1267.8	100.0
0°-180°	1267.8	100.0



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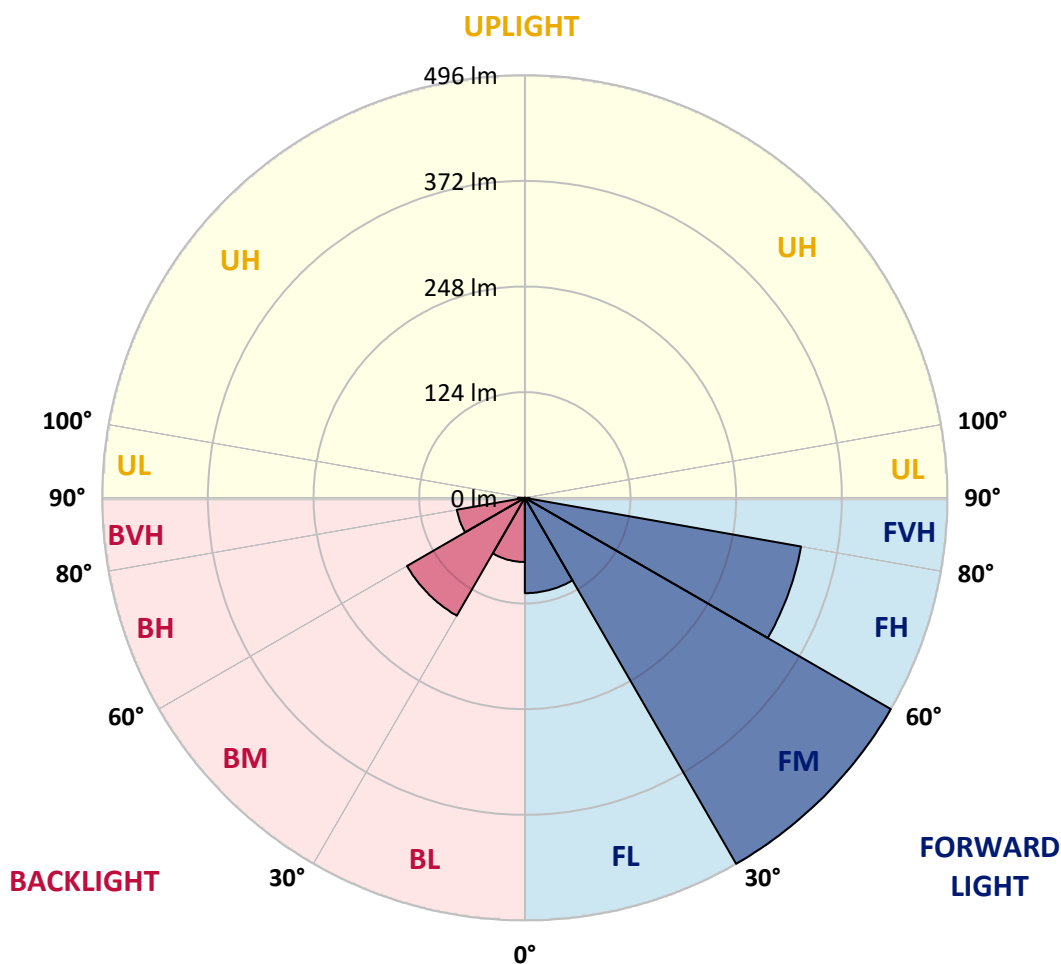
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	112.0	8.8			
FM	(30°-60°)	496.4	39.2			
FH	(60°-80°)	329.5	26.0			G0/660
FVH	(80°-90°)	5.4	0.4			G0/10
BL	(0°-30°)	75.4	5.9	B0/110		
BM	(30°-60°)	159.9	12.6	B0/220		
BH	(60°-80°)	81.0	6.4	B0/110		G0/110
BVH	(80°-90°)	8.3	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°	212.6	212.6	212.6	212.6	212.6	212.6	212.6	212.6	212.6	212.6	212.6
2.5°	221.5	221.5	221.0	220.8	220.5	219.0	218.1	216.8	216.8	214.9	213.1
5°	229.1	229.4	228.4	228.4	227.4	225.4	223.5	221.0	221.0	218.1	214.6
7.5°	235.8	236.5	235.5	235.5	234.5	232.3	229.1	225.7	225.7	221.5	216.6
10°	242.2	242.7	242.2	242.7	241.2	239.2	235.5	230.9	230.6	225.4	218.5
12.5°	247.3	247.8	248.1	248.8	247.6	246.1	242.7	236.8	236.0	229.9	221.0
15°	252.3	252.8	253.5	254.5	254.2	253.0	249.8	243.2	242.7	234.8	224.2
17.5°	256.2	256.4	257.9	259.9	260.4	260.6	257.2	250.3	249.8	240.5	227.7
20°	261.9	262.4	263.8	265.8	267.3	268.3	265.6	257.9	257.4	247.1	232.1
22.5°	274.7	273.9	274.7	274.7	275.4	276.9	274.9	267.3	266.3	255.0	237.5
25°	298.8	298.0	296.1	291.6	286.7	286.5	284.3	276.9	275.6	263.1	242.7
27.5°	332.5	330.8	327.1	317.7	305.9	298.3	294.8	287.2	285.7	271.2	247.6
30°	368.2	370.2	364.0	351.2	329.5	313.3	306.7	298.0	296.8	280.3	253.5
32.5°	409.8	410.0	403.9	386.1	358.1	332.2	320.9	310.3	309.4	290.9	261.4
35°	433.9	434.9	432.2	415.7	383.7	353.2	338.2	325.4	324.6	304.2	271.2
37.5°	459.0	461.2	457.0	438.8	403.1	372.6	357.4	343.3	342.6	319.5	283.5
40°	496.2	495.2	490.7	463.9	421.3	388.9	376.3	365.2	363.5	338.2	296.1
42.5°	523.0	525.4	515.8	485.6	441.3	405.1	395.3	382.7	380.5	349.5	303.5
45°	532.1	529.9	519.3	497.1	467.4	419.9	413.2	403.6	401.4	369.4	318.0
47.5°	534.1	530.1	520.8	504.0	489.5	439.1	435.1	432.9	429.7	394.5	335.4
50°	522.0	519.3	514.9	506.5	503.8	457.0	459.0	467.1	464.4	421.6	354.9
52.5°	494.7	493.5	497.4	502.8	495.7	472.5	487.3	503.8	502.8	451.4	375.8
55°	443.2	443.2	465.4	484.3	488.5	482.6	517.8	546.1	544.9	484.8	395.7
57.5°	396.2	397.0	415.4	458.0	475.7	493.5	551.8	590.4	588.5	522.5	416.7
60°	336.9	336.9	365.0	418.4	457.3	501.8	581.8	633.2	634.5	558.9	437.3
62.5°	266.8	267.5	306.4	369.2	430.7	503.3	605.7	673.6	673.4	591.9	453.3
65°	196.6	196.9	249.8	314.5	390.8	493.0	618.7	704.6	706.1	618.0	462.7
67.5°	127.7	130.2	183.8	255.2	334.5	463.7	611.8	721.1	722.8	630.0	459.7
68°	119.6	120.1	174.0	239.0	319.2	456.3	608.6	721.8	723.3	629.8	456.8
70°	77.5	77.5	124.5	186.6	254.7	410.3	580.8	710.3	712.0	619.0	435.4
72.5°	41.8	42.6	71.1	113.0	174.0	317.5	524.2	650.0	652.9	559.7	380.7
75°	29.3	29.8	41.3	63.3	94.8	206.7	409.8	496.7	496.2	386.6	238.5
77.5°	21.2	21.2	23.6	39.4	49.7	94.5	202.8	239.2	236.5	188.8	120.3
80°	13.8	13.8	14.8	20.7	23.9	28.8	62.0	103.6	105.6	92.0	60.1
82.5°	5.7	5.9	6.4	8.4	8.6	12.1	17.7	29.8	28.8	23.4	17.0
85°	0.7	0.7	1.0	1.2	1.5	2.7	2.5	2.5	2.5	3.0	2.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.7	0.7	1.0	0.7
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°	212.6	212.6	212.6	212.6	212.6	212.6	212.6	212.6	212.6	212.6	212.6
2.5°	212.6	212.6	211.2	209.7	208.2	207.0	205.3	204.0	204.3	205.0	204.8
5°	213.9	212.6	209.7	206.5	204.0	201.8	198.6	196.9	196.6	197.1	196.9
7.5°	214.6	212.6	208.2	203.3	199.3	196.4	192.0	190.2	189.5	189.8	189.8
10°	216.1	212.9	206.7	199.8	194.9	190.7	186.1	183.6	182.9	182.9	182.6
12.5°	217.8	213.4	205.3	196.9	190.5	185.6	180.2	177.4	176.7	176.7	176.5
15°	219.5	214.1	203.8	193.7	186.3	180.4	175.2	172.0	171.0	171.0	171.5
17.5°	221.7	214.9	202.3	190.7	181.9	175.2	169.8	166.6	165.4	166.1	166.6
20°	224.0	216.3	200.8	187.5	177.4	170.6	165.1	161.9	160.7	161.9	162.2
22.5°	227.2	217.6	199.1	183.8	173.0	165.4	160.5	157.5	156.8	158.0	159.0
25°	230.4	219.0	196.9	179.9	167.4	160.0	156.0	153.8	154.1	155.8	156.8
27.5°	233.8	220.3	194.7	175.0	161.2	154.3	151.4	150.9	151.9	153.8	155.0
30°	238.0	222.0	191.7	169.3	154.3	148.2	146.9	148.4	150.1	152.1	153.3
32.5°	243.4	224.2	188.8	162.9	147.2	141.5	143.5	146.7	148.7	150.6	151.9
35°	251.0	228.6	187.0	156.5	139.5	135.9	140.3	145.5	146.9	148.2	149.6
37.5°	259.9	234.5	186.3	150.6	132.7	130.9	137.1	143.2	143.7	144.2	145.7
40°	268.5	239.0	184.3	144.2	125.5	125.5	133.1	139.1	138.8	138.1	139.1
42.5°	272.0	238.5	178.7	138.1	119.9	120.1	127.0	132.7	131.2	131.2	132.7
45°	281.8	242.4	174.5	133.1	114.7	113.7	119.1	123.5	126.0	129.2	130.7
47.5°	294.3	247.8	171.3	127.5	109.8	106.6	109.5	116.9	121.1	124.5	125.8
50°	307.4	254.0	168.3	121.6	104.8	98.4	99.9	108.0	111.7	113.5	114.2
52.5°	320.7	259.6	166.1	116.7	99.2	88.8	92.0	99.7	102.4	103.4	103.9
55°	332.5	264.3	164.2	112.5	92.8	81.2	83.7	91.6	93.5	94.5	95.2
57.5°	345.0	269.5	162.9	108.5	85.6	74.6	76.3	83.4	86.1	87.1	87.9
60°	356.1	274.4	161.9	104.4	79.0	68.7	69.6	76.5	79.5	80.0	80.7
62.5°	363.5	277.6	160.5	99.2	72.8	63.0	63.3	69.9	73.1	73.6	74.1
65°	365.5	276.9	156.0	92.3	66.7	57.3	57.3	63.7	67.2	68.9	69.6
67.5°	359.6	270.7	146.7	83.4	60.8	52.2	52.2	57.8	61.5	63.5	64.2
68°	357.6	268.0	143.7	81.2	59.3	50.9	50.9	56.9	60.3	62.0	62.5
70°	340.9	254.7	130.2	72.8	54.6	47.3	47.3	52.4	56.1	56.1	55.9
72.5°	296.1	220.8	107.1	61.0	47.7	41.8	42.6	47.5	48.7	50.0	49.7
75°	183.4	132.2	71.9	48.2	40.1	36.7	38.1	42.6	43.3	46.0	45.3
77.5°	91.8	64.7	38.1	28.1	31.0	31.5	34.2	37.4	39.6	42.6	40.6
80°	45.3	31.5	22.4	17.5	18.2	23.1	29.8	32.2	36.2	38.1	36.4
82.5°	12.6	9.6	9.1	9.6	13.5	18.0	23.4	28.5	33.7	35.4	33.0
85°	2.2	1.7	1.5	4.7	9.4	13.3	19.0	25.3	30.3	29.0	27.3
87.5°	0.7	0.5	0.5	3.0	6.9	10.8	16.2	22.6	25.8	23.4	20.9
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)