

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: P1211834

Luminaire Tested: **GKO-PB1C-827-U-T3**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211834
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1C-827-U-T3
Description: GEKKO WALL PACK 2500LM PACKAGE 80CRI 2700K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (10) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

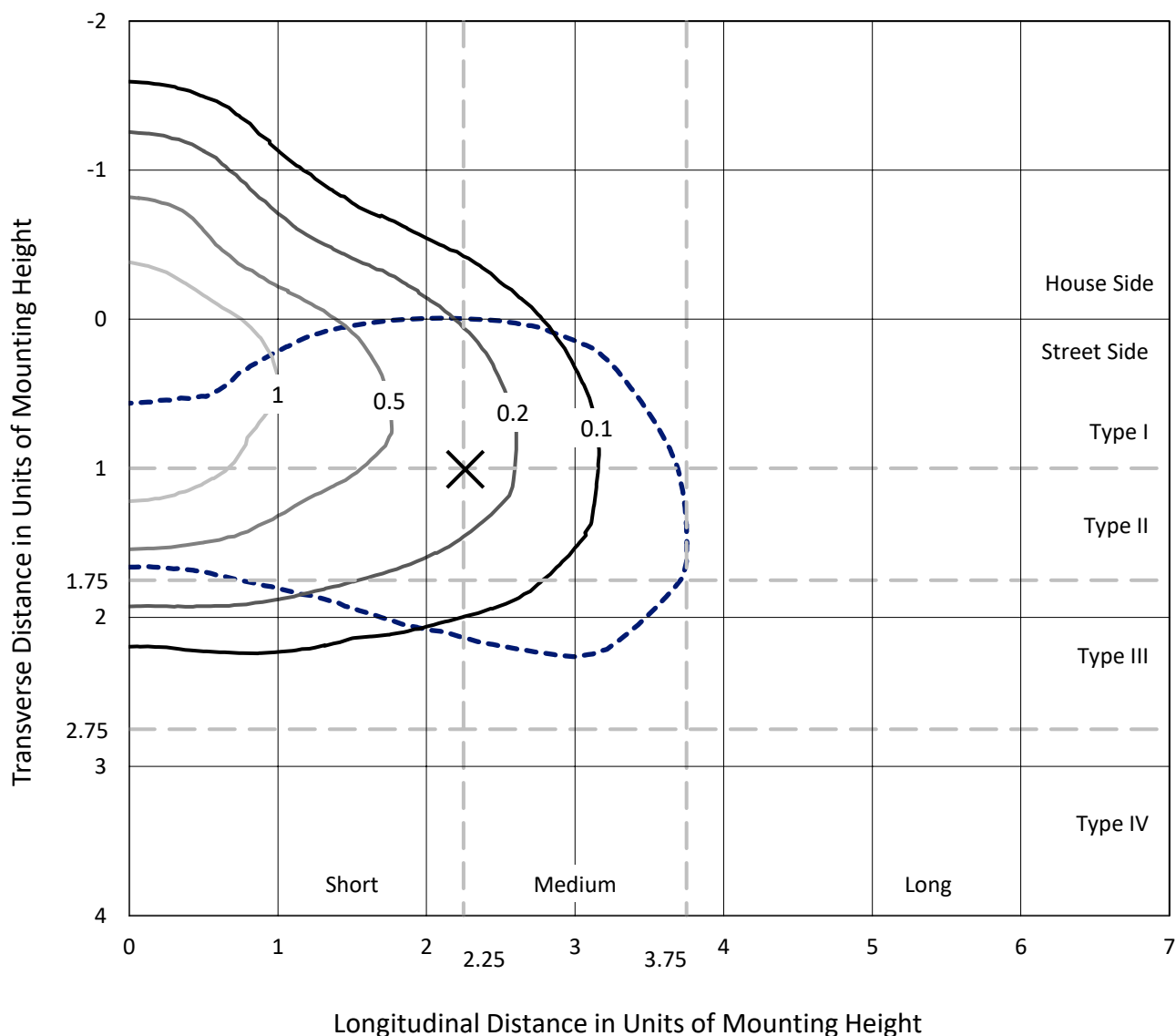
Lumens per Lamp: N/A
Luminaire Lumens: 2176.3 lumens
Efficiency: N/A
Efficacy: 128.0 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 17
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 13%
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

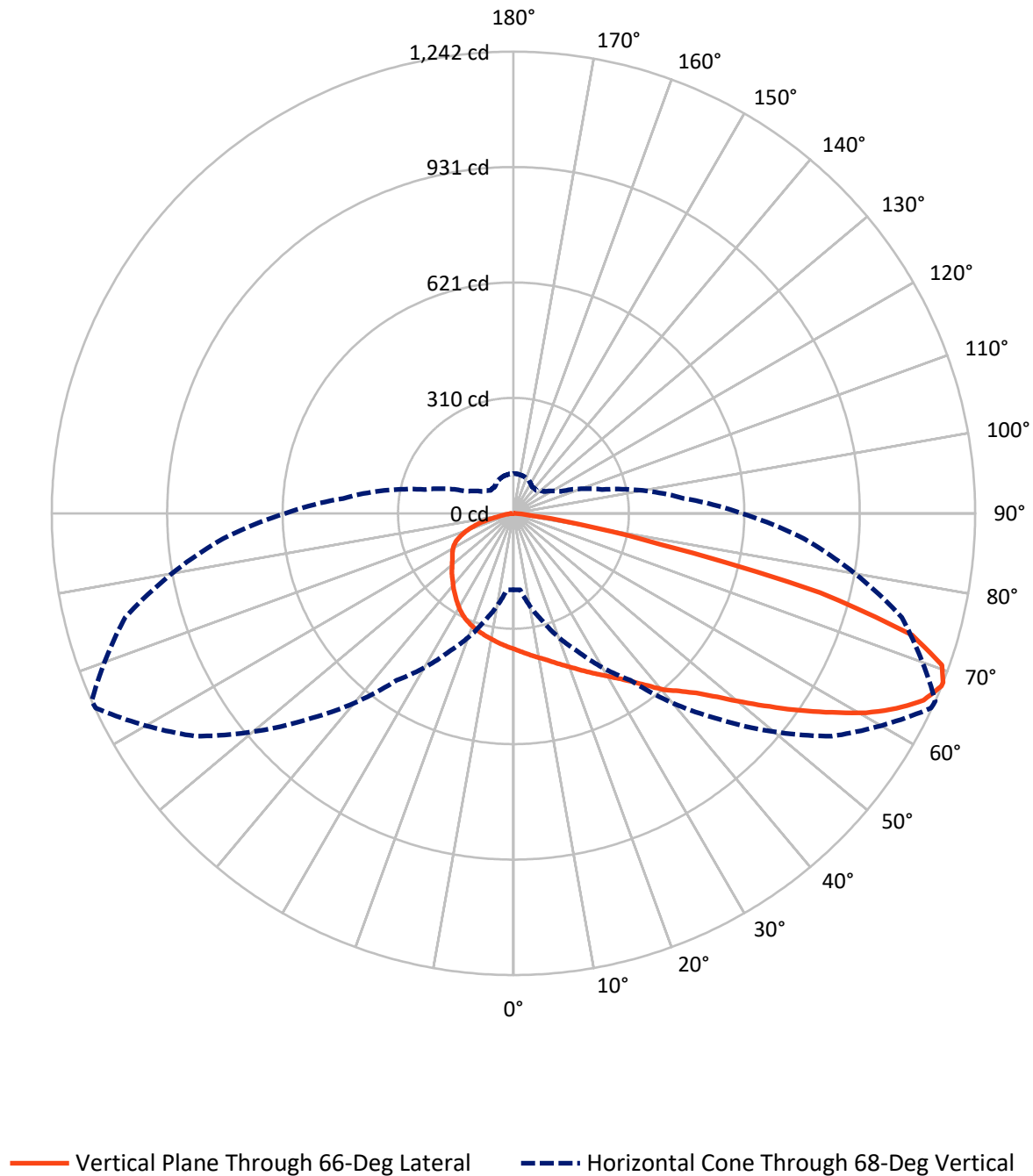
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.9 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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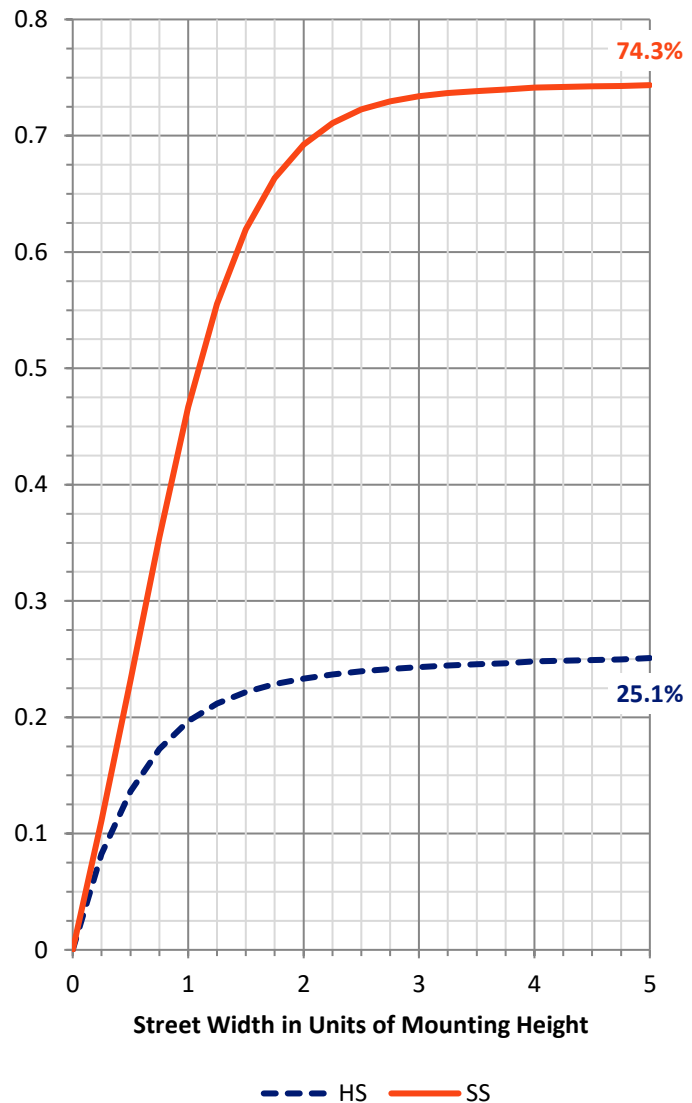
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	557.2	0.0	557.2
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	1619.1	0.0	1619.1
	% Fixture	74.4	0.0	74.4
Total	Lumens	2176.3	0.0	2176.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.0	1.6
10°-20°	105.2	4.8
20°-30°	181.4	8.3
30°-40°	281.4	12.9
40°-50°	385.4	17.7
50°-60°	459.8	21.1
60°-70°	460.7	21.2
70°-80°	243.8	11.2
80°-90°	23.5	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°	2176.3	100.0
0°-180°	2176.3	100.0



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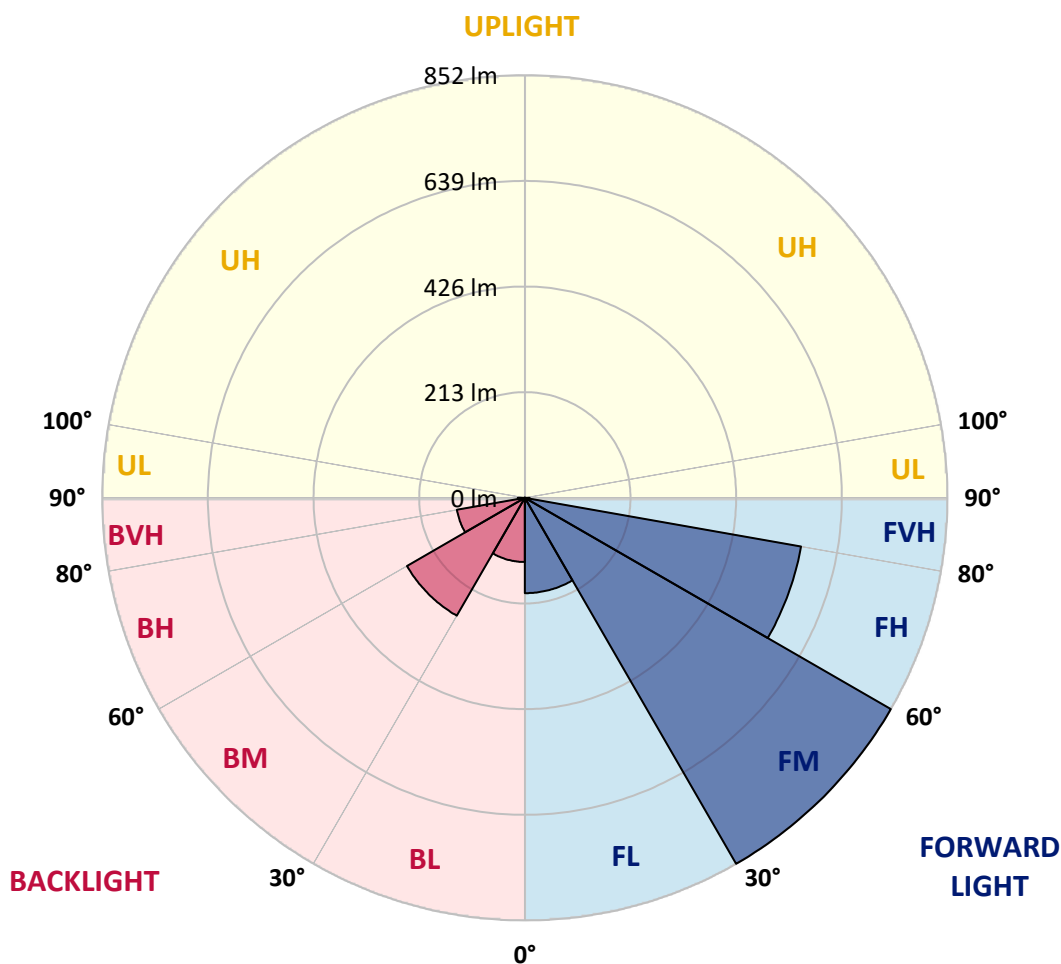
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	192.2	8.8			
FM	(30°-60°)	852.1	39.2			
FH	(60°-80°)	565.5	26.0			G0/660
FVH	(80°-90°)	9.2	0.4			G0/10
BL	(0°-30°)	129.4	5.9	B1/500		
BM	(30°-60°)	274.5	12.6	B1/1000		
BH	(60°-80°)	139.0	6.4	B1/500		G1/500
BVH	(80°-90°)	14.3	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	365.0	365.0	365.0	365.0	365.0	365.0	365.0	365.0	365.0	365.0	365.0
2.5°	380.2	380.2	379.4	378.9	378.5	376.0	374.3	372.2	372.2	368.8	365.9
5°	393.3	393.7	392.0	392.0	390.4	387.0	383.6	379.4	379.4	374.3	368.4
7.5°	404.7	406.0	404.3	404.3	402.6	398.8	393.3	387.4	387.4	380.2	371.8
10°	415.7	416.5	415.7	416.5	414.0	410.6	404.3	396.3	395.8	387.0	375.1
12.5°	424.6	425.4	425.8	427.1	425.0	422.5	416.5	406.4	405.1	394.6	379.4
15°	433.0	433.9	435.1	436.8	436.4	434.3	428.8	417.4	416.5	403.0	384.9
17.5°	439.8	440.2	442.7	446.1	447.0	447.4	441.5	429.6	428.8	412.7	390.8
20°	449.5	450.3	452.9	456.3	458.8	460.5	455.8	442.7	441.9	424.2	398.4
22.5°	471.5	470.2	471.5	471.5	472.7	475.3	471.9	458.8	457.1	437.7	407.7
25°	512.9	511.6	508.2	500.6	492.2	491.7	487.9	475.3	473.2	451.6	416.5
27.5°	570.7	567.8	561.5	545.4	525.1	512.0	506.1	493.0	490.5	465.6	425.0
30°	632.0	635.4	624.8	602.9	565.7	537.8	526.4	511.6	509.5	481.2	435.1
32.5°	703.4	703.8	693.3	662.8	614.7	570.3	550.9	532.7	531.0	499.4	448.7
35°	744.8	746.5	741.8	713.5	658.6	606.2	580.5	558.5	557.2	522.2	465.6
37.5°	787.9	791.7	784.5	753.3	692.0	639.6	613.4	589.3	588.1	548.4	486.7
40°	851.7	850.0	842.4	796.3	723.3	667.5	645.9	626.9	624.0	580.5	508.2
42.5°	897.7	902.0	885.5	833.5	757.5	695.4	678.5	656.9	653.1	599.9	520.9
45°	913.4	909.6	891.4	853.4	802.3	720.7	709.3	692.8	689.0	634.1	545.8
47.5°	916.7	910.0	893.9	865.2	840.3	753.7	746.9	743.1	737.6	677.2	575.8
50°	896.0	891.4	883.8	869.4	864.8	784.5	787.9	801.8	797.2	723.7	609.2
52.5°	849.1	847.0	853.8	863.1	850.8	811.1	836.5	864.8	863.1	774.8	645.1
55°	760.9	760.9	798.9	831.4	838.6	828.4	888.9	937.4	935.3	832.3	679.3
57.5°	680.2	681.4	713.1	786.2	816.6	847.0	947.2	1013.5	1010.1	896.9	715.2
60°	578.4	578.4	626.5	718.2	784.9	861.4	998.7	1087.0	1089.1	959.4	750.7
62.5°	457.9	459.2	526.0	633.7	739.3	863.9	1039.7	1156.3	1155.9	1016.0	778.2
65°	337.5	338.0	428.8	539.9	670.9	846.2	1062.1	1209.5	1212.0	1060.8	794.2
67.5°	219.3	223.5	315.6	438.1	574.1	795.9	1050.2	1237.8	1240.8	1081.5	789.2
68°	205.3	206.2	298.7	410.2	547.9	783.2	1044.7	1239.1	1241.6	1081.1	784.1
70°	133.1	133.1	213.8	320.2	437.2	704.2	997.0	1219.2	1222.2	1062.5	747.3
72.5°	71.8	73.1	122.1	193.9	298.7	545.0	899.8	1115.7	1120.8	960.7	653.5
75°	50.3	51.1	71.0	108.6	162.6	354.9	703.4	852.5	851.7	663.7	409.4
77.5°	36.3	36.3	40.6	67.6	85.3	162.2	348.1	410.6	406.0	324.0	206.6
80°	23.7	23.7	25.3	35.5	41.0	49.4	106.5	177.9	181.2	158.0	103.1
82.5°	9.7	10.1	11.0	14.4	14.8	20.7	30.4	51.1	49.4	40.1	29.1
85°	1.3	1.3	1.7	2.1	2.5	4.6	4.2	4.2	4.2	5.1	4.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.3	1.3	1.7	1.3
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°	365.0	365.0	365.0	365.0	365.0	365.0	365.0	365.0	365.0	365.0	365.0
2.5°	365.0	365.0	362.5	359.9	357.4	355.3	352.3	350.2	350.6	351.9	351.5
5°	367.1	365.0	359.9	354.4	350.2	346.4	340.9	338.0	337.5	338.4	338.0
7.5°	368.4	365.0	357.4	349.0	342.2	337.1	329.5	326.6	325.3	325.7	325.7
10°	370.9	365.4	354.9	343.0	334.6	327.4	319.4	315.2	313.9	313.9	313.5
12.5°	373.9	366.3	352.3	338.0	327.0	318.5	309.2	304.6	303.3	303.3	302.9
15°	376.8	367.5	349.8	332.5	319.8	309.7	300.8	295.3	293.6	293.6	294.5
17.5°	380.6	368.8	347.3	327.4	312.2	300.8	291.5	286.0	283.9	285.2	286.0
20°	384.4	371.3	344.7	321.9	304.6	292.8	283.5	278.0	275.9	278.0	278.4
22.5°	389.9	373.5	341.8	315.6	297.0	283.9	275.4	270.4	269.1	271.2	272.9
25°	395.4	376.0	338.0	308.8	287.3	274.6	267.8	264.0	264.5	267.4	269.1
27.5°	401.3	378.1	334.2	300.4	276.7	264.9	259.8	259.0	260.7	264.0	266.2
30°	408.5	381.1	329.1	290.7	264.9	254.3	252.2	254.7	257.7	261.1	263.2
32.5°	417.8	384.9	324.0	279.7	252.6	242.9	246.3	251.8	255.2	258.5	260.7
35°	430.9	392.5	321.1	268.7	239.5	233.2	240.8	249.7	252.2	254.3	256.9
37.5°	446.1	402.6	319.8	258.5	227.7	224.7	235.3	245.9	246.7	247.6	250.1
40°	460.9	410.2	316.4	247.6	215.5	215.5	228.6	238.7	238.3	237.0	238.7
42.5°	466.8	409.4	306.7	237.0	205.7	206.2	218.0	227.7	225.2	225.2	227.7
45°	483.7	416.1	299.5	228.6	196.9	195.2	204.5	212.1	216.3	221.8	224.3
47.5°	505.3	425.4	294.0	218.8	188.4	182.9	188.0	200.7	207.9	213.8	215.9
50°	527.7	436.0	289.0	208.7	180.0	169.0	171.5	185.5	191.8	194.8	196.0
52.5°	550.5	445.7	285.2	200.2	170.3	152.5	158.0	171.1	175.7	177.4	178.3
55°	570.7	453.7	281.8	193.1	159.3	139.4	143.6	157.2	160.5	162.2	163.5
57.5°	592.3	462.6	279.7	186.3	147.0	128.0	131.0	143.2	147.9	149.6	150.8
60°	611.3	471.0	278.0	179.1	135.6	117.9	119.6	131.4	136.5	137.3	138.6
62.5°	624.0	476.5	275.4	170.3	125.0	108.2	108.6	120.0	125.5	126.3	127.2
65°	627.4	475.3	267.8	158.4	114.5	98.4	98.4	109.4	115.3	118.3	119.6
67.5°	617.2	464.7	251.8	143.2	104.3	89.6	89.6	99.3	105.6	109.0	110.3
68°	613.8	460.1	246.7	139.4	101.8	87.4	87.4	97.6	103.5	106.5	107.3
70°	585.1	437.2	223.5	125.0	93.8	81.1	81.1	90.0	96.3	96.3	95.9
72.5°	508.2	378.9	183.8	104.8	82.0	71.8	73.1	81.5	83.6	85.8	85.3
75°	314.7	226.9	123.4	82.8	68.9	62.9	65.5	73.1	74.4	79.0	77.7
77.5°	157.6	111.1	65.5	48.2	53.2	54.1	58.7	64.2	68.0	73.1	69.7
80°	77.7	54.1	38.4	30.0	31.3	39.7	51.1	55.3	62.1	65.5	62.5
82.5°	21.5	16.5	15.6	16.5	23.2	30.8	40.1	49.0	57.9	60.8	56.6
85°	3.8	3.0	2.5	8.0	16.1	22.8	32.5	43.5	52.0	49.9	46.9
87.5°	1.3	0.8	0.8	5.1	11.8	18.6	27.9	38.9	44.4	40.1	35.9
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)