

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: P1211844

Luminaire Tested: **GKO-PB1C-830-U-T3**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211844
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1C-830-U-T3
Description: GEKKO WALL PACK 2500LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (10) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

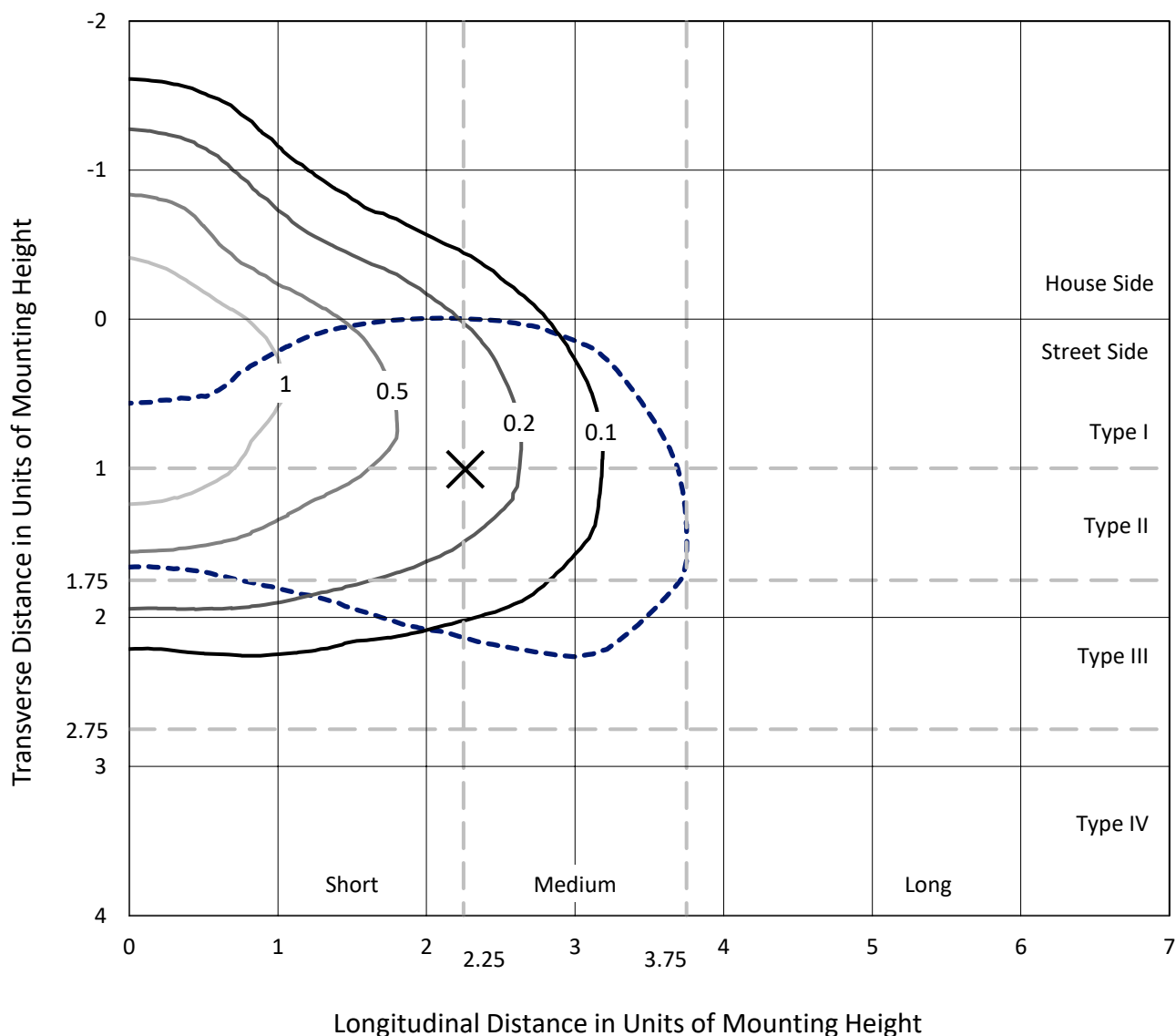
Lumens per Lamp: N/A
Luminaire Lumens: 2261 lumens
Efficiency: N/A
Efficacy: 133.0 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

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

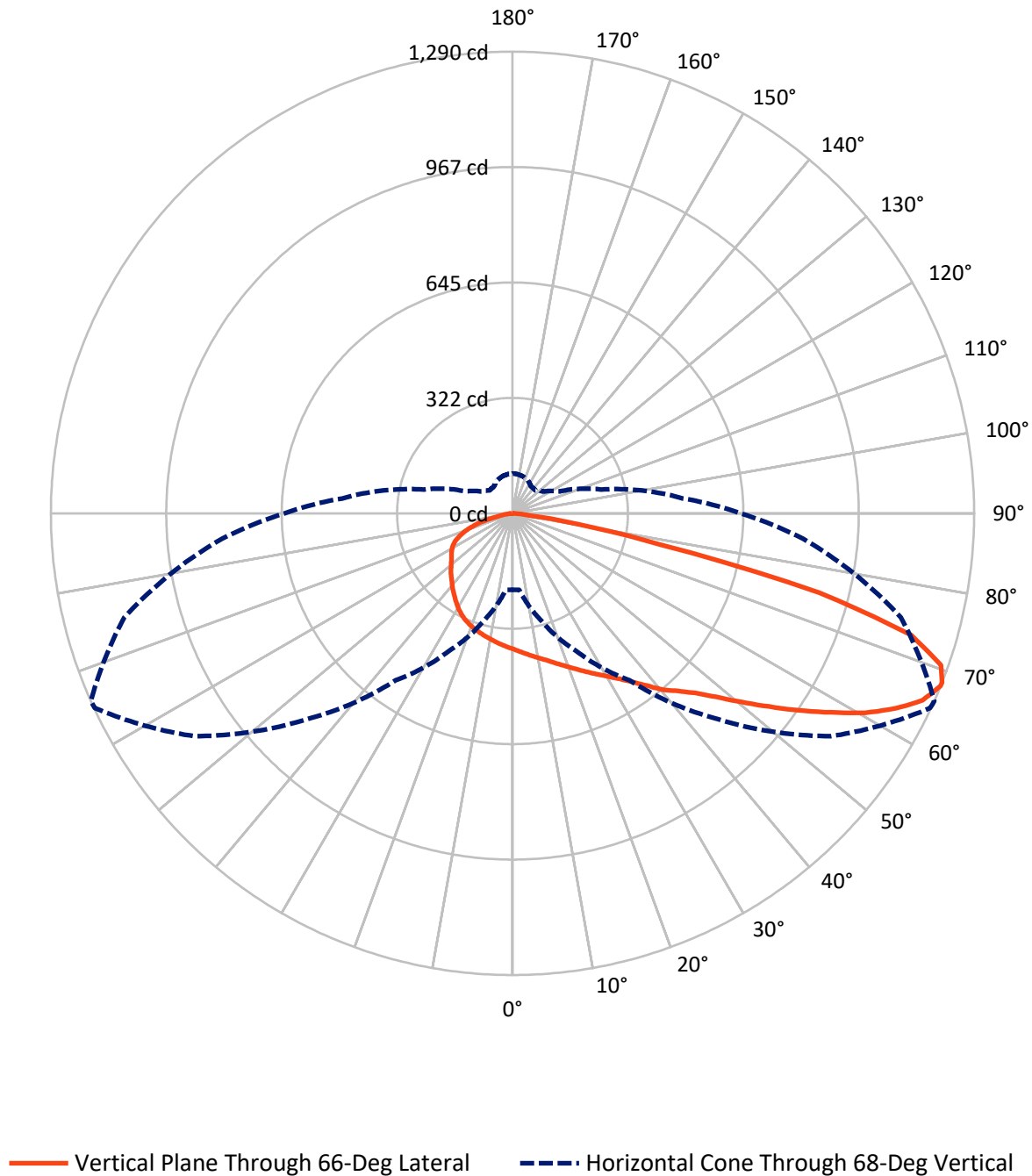
× Max cd
 --- 1/2 Max cd



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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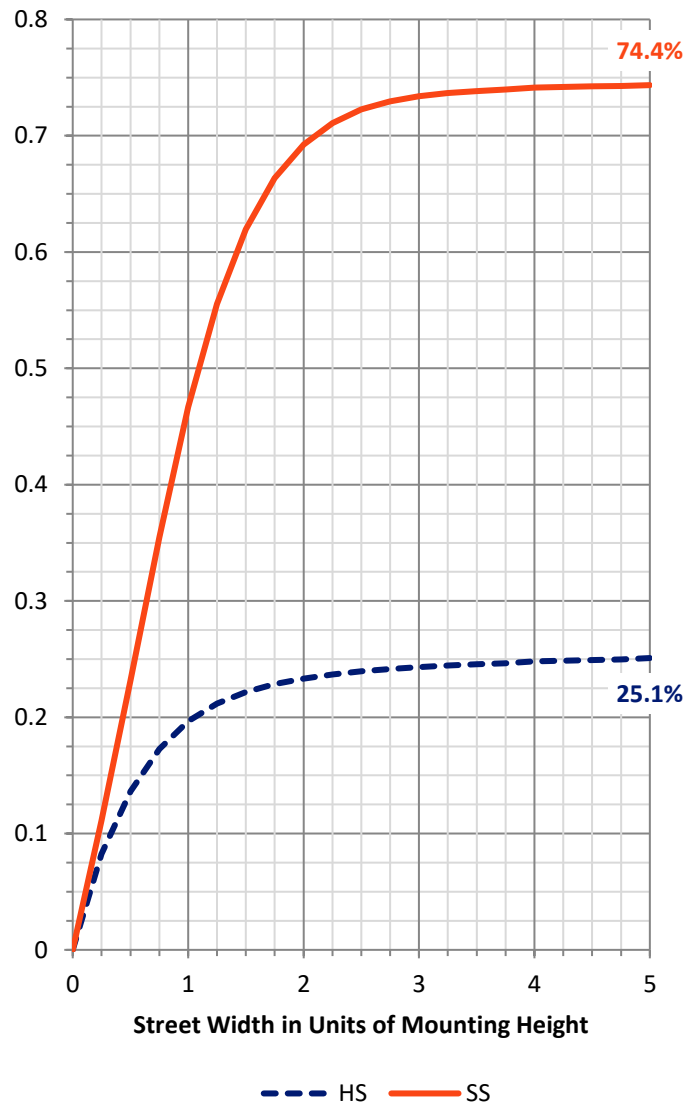
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	578.8	0.0	578.8
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	1682.1	0.0	1682.1
	% Fixture	74.4	0.0	74.4
Total	Lumens	2261.0	0.0	2261.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.4	1.6
10°-20°	109.3	4.8
20°-30°	188.4	8.3
30°-40°	292.3	12.9
40°-50°	400.4	17.7
50°-60°	477.7	21.1
60°-70°	478.7	21.2
70°-80°	253.3	11.2
80°-90°	24.4	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°	2261.0	100.0
0°-180°	2261.0	100.0



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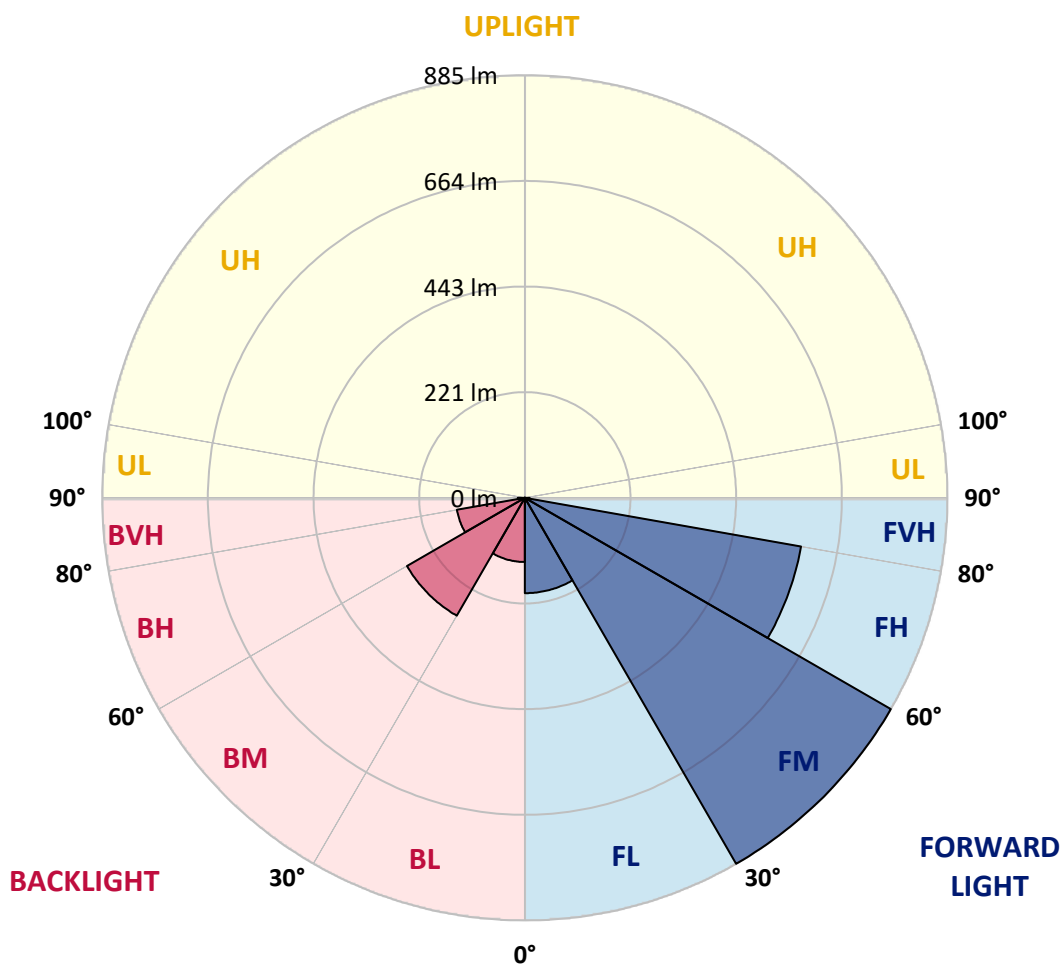
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	199.7	8.8			
FM	(30°-60°)	885.3	39.2			
FH	(60°-80°)	587.5	26.0			G0/660
FVH	(80°-90°)	9.6	0.4			G0/10
BL	(0°-30°)	134.4	5.9	B1/500		
BM	(30°-60°)	285.1	12.6	B1/1000		
BH	(60°-80°)	144.4	6.4	B1/500		G1/500
BVH	(80°-90°)	14.8	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°	379.2	379.2	379.2	379.2	379.2	379.2	379.2	379.2	379.2	379.2	379.2
2.5°	395.0	395.0	394.1	393.7	393.3	390.6	388.9	386.7	386.7	383.2	380.1
5°	408.6	409.1	407.3	407.3	405.5	402.0	398.5	394.1	394.1	388.9	382.7
7.5°	420.5	421.8	420.0	420.0	418.3	414.3	408.6	402.5	402.5	395.0	386.2
10°	431.9	432.8	431.9	432.8	430.1	426.6	420.0	411.7	411.3	402.0	389.7
12.5°	441.1	442.0	442.4	443.7	441.5	438.9	432.8	422.2	420.9	409.9	394.1
15°	449.9	450.8	452.1	453.8	453.4	451.2	445.5	433.6	432.8	418.7	399.8
17.5°	456.9	457.3	460.0	463.5	464.4	464.8	458.7	446.4	445.5	428.8	406.0
20°	467.0	467.9	470.5	474.0	476.6	478.4	473.6	460.0	459.1	440.7	413.9
22.5°	489.8	488.5	489.8	489.8	491.1	493.8	490.3	476.6	474.9	454.7	423.5
25°	532.8	531.5	528.0	520.1	511.3	510.9	506.9	493.8	491.6	469.2	432.8
27.5°	593.0	589.9	583.3	566.6	545.6	531.9	525.8	512.2	509.6	483.7	441.5
30°	656.6	660.1	649.1	626.3	587.7	558.7	546.9	531.5	529.3	499.9	452.1
32.5°	730.8	731.2	720.2	688.6	638.6	592.5	572.3	553.5	551.7	518.8	466.1
35°	773.8	775.5	770.7	741.3	684.2	629.8	603.1	580.2	578.9	542.5	483.7
37.5°	818.6	822.5	815.0	782.6	718.9	664.5	637.3	612.3	611.0	569.7	505.6
40°	884.8	883.1	875.2	827.3	751.4	693.5	671.1	651.3	648.3	603.1	528.0
42.5°	932.7	937.1	919.9	866.0	787.0	722.4	704.9	682.5	678.5	623.2	541.2
45°	948.9	945.0	926.1	886.6	833.5	748.8	736.9	719.8	715.8	658.8	567.1
47.5°	952.4	945.4	928.7	898.9	873.0	783.0	776.0	772.0	766.3	703.6	598.2
50°	930.9	926.1	918.2	903.3	898.4	815.0	818.6	833.0	828.2	751.8	632.9
52.5°	882.2	880.0	887.0	896.7	883.9	842.7	869.0	898.4	896.7	804.9	670.2
55°	790.5	790.5	830.0	863.8	871.2	860.7	923.5	973.9	971.7	864.6	705.8
57.5°	706.6	707.9	740.9	816.8	848.4	880.0	984.0	1052.9	1049.4	931.8	743.1
60°	600.9	600.9	650.9	746.1	815.5	894.9	1037.6	1129.3	1131.5	996.7	779.9
62.5°	475.8	477.1	546.4	658.4	768.1	897.6	1080.1	1201.3	1200.8	1055.6	808.5
65°	350.7	351.1	445.5	560.9	697.0	879.1	1103.4	1256.6	1259.2	1102.1	825.1
67.5°	227.8	232.2	327.9	455.1	596.5	826.9	1091.1	1286.0	1289.1	1123.6	819.9
68°	213.3	214.2	310.3	426.2	569.3	813.7	1085.4	1287.3	1289.9	1123.2	814.6
70°	138.3	138.3	222.1	332.7	454.3	731.7	1035.8	1266.7	1269.7	1103.8	776.4
72.5°	74.6	75.9	126.8	201.5	310.3	566.2	934.9	1159.1	1164.4	998.1	679.0
75°	52.2	53.1	73.7	112.8	169.0	368.7	730.8	885.7	884.8	689.5	425.3
77.5°	37.7	37.7	42.1	70.2	88.7	168.5	361.7	426.6	421.8	336.6	214.6
80°	24.6	24.6	26.3	36.9	42.6	51.4	110.6	184.8	188.3	164.1	107.1
82.5°	10.1	10.5	11.4	14.9	15.4	21.5	31.6	53.1	51.4	41.7	30.3
85°	1.3	1.3	1.8	2.2	2.6	4.8	4.4	4.4	4.4	5.3	4.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.3	1.3	1.8	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°	379.2	379.2	379.2	379.2	379.2	379.2	379.2	379.2	379.2	379.2	379.2
2.5°	379.2	379.2	376.6	373.9	371.3	369.1	366.0	363.9	364.3	365.6	365.2
5°	381.4	379.2	373.9	368.2	363.9	359.9	354.2	351.1	350.7	351.6	351.1
7.5°	382.7	379.2	371.3	362.5	355.5	350.2	342.3	339.3	338.0	338.4	338.4
10°	385.4	379.7	368.7	356.4	347.6	340.1	331.8	327.4	326.1	326.1	325.7
12.5°	388.4	380.5	366.0	351.1	339.7	330.9	321.3	316.4	315.1	315.1	314.7
15°	391.5	381.8	363.4	345.4	332.2	321.7	312.5	306.8	305.0	305.0	305.9
17.5°	395.5	383.2	360.8	340.1	324.3	312.5	302.8	297.1	294.9	296.3	297.1
20°	399.4	385.8	358.1	334.4	316.4	304.2	294.5	288.8	286.6	288.8	289.2
22.5°	405.1	388.0	355.1	327.9	308.5	294.9	286.2	280.9	279.6	281.8	283.5
25°	410.8	390.6	351.1	320.8	298.5	285.3	278.3	274.3	274.8	277.8	279.6
27.5°	417.0	392.8	347.2	312.1	287.5	275.2	269.9	269.0	270.8	274.3	276.5
30°	424.4	395.9	341.9	302.0	275.2	264.2	262.0	264.7	267.7	271.2	273.4
32.5°	434.1	399.8	336.6	290.6	262.5	252.4	255.9	261.6	265.1	268.6	270.8
35°	447.7	407.7	333.6	279.1	248.9	242.3	250.2	259.4	262.0	264.2	266.9
37.5°	463.5	418.3	332.2	268.6	236.6	233.5	244.5	255.4	256.3	257.2	259.8
40°	478.8	426.2	328.7	257.2	223.8	223.8	237.4	248.0	247.5	246.2	248.0
42.5°	485.0	425.3	318.6	246.2	213.7	214.2	226.5	236.6	233.9	233.9	236.6
45°	502.5	432.3	311.2	237.4	204.5	202.8	212.4	220.3	224.7	230.4	233.1
47.5°	524.9	442.0	305.5	227.4	195.8	190.0	195.3	208.5	215.9	222.1	224.3
50°	548.2	452.9	300.2	216.8	187.0	175.6	178.2	192.7	199.3	202.3	203.7
52.5°	571.9	463.0	296.3	208.0	176.9	158.4	164.1	177.8	182.6	184.3	185.2
55°	593.0	471.4	292.7	200.6	165.5	144.8	149.2	163.3	166.8	168.5	169.9
57.5°	615.3	480.6	290.6	193.6	152.7	133.0	136.1	148.8	153.6	155.4	156.7
60°	635.1	489.4	288.8	186.1	140.9	122.5	124.2	136.5	141.8	142.6	144.0
62.5°	648.3	495.1	286.2	176.9	129.9	112.4	112.8	124.6	130.4	131.2	132.1
65°	651.8	493.8	278.3	164.6	118.9	102.3	102.3	113.7	119.8	122.9	124.2
67.5°	641.2	482.8	261.6	148.8	108.4	93.0	93.0	103.1	109.7	113.2	114.6
68°	637.7	478.0	256.3	144.8	105.8	90.9	90.9	101.4	107.5	110.6	111.5
70°	607.9	454.3	232.2	129.9	97.4	84.3	84.3	93.5	100.1	100.1	99.6
72.5°	528.0	393.7	190.9	108.8	85.1	74.6	75.9	84.7	86.9	89.1	88.7
75°	327.0	235.7	128.2	86.0	71.5	65.4	68.0	75.9	77.2	82.1	80.8
77.5°	163.7	115.4	68.0	50.0	55.3	56.2	61.0	66.7	70.7	75.9	72.4
80°	80.8	56.2	39.9	31.2	32.5	41.3	53.1	57.5	64.5	68.0	65.0
82.5°	22.4	17.1	16.2	17.1	24.1	32.0	41.7	50.9	60.1	63.2	58.8
85°	4.0	3.1	2.6	8.3	16.7	23.7	33.8	45.2	54.0	51.8	48.7
87.5°	1.3	0.9	0.9	5.3	12.3	19.3	29.0	40.4	46.1	41.7	37.3
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)