

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: P1211944

Luminaire Tested: **GKO-PB1C-735-U-T2U**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211944
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1C-735-U-T2U
Description: GEKKO WALL PACK 2500LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2465.7 lumens
Efficiency: N/A
Efficacy: 145.0 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

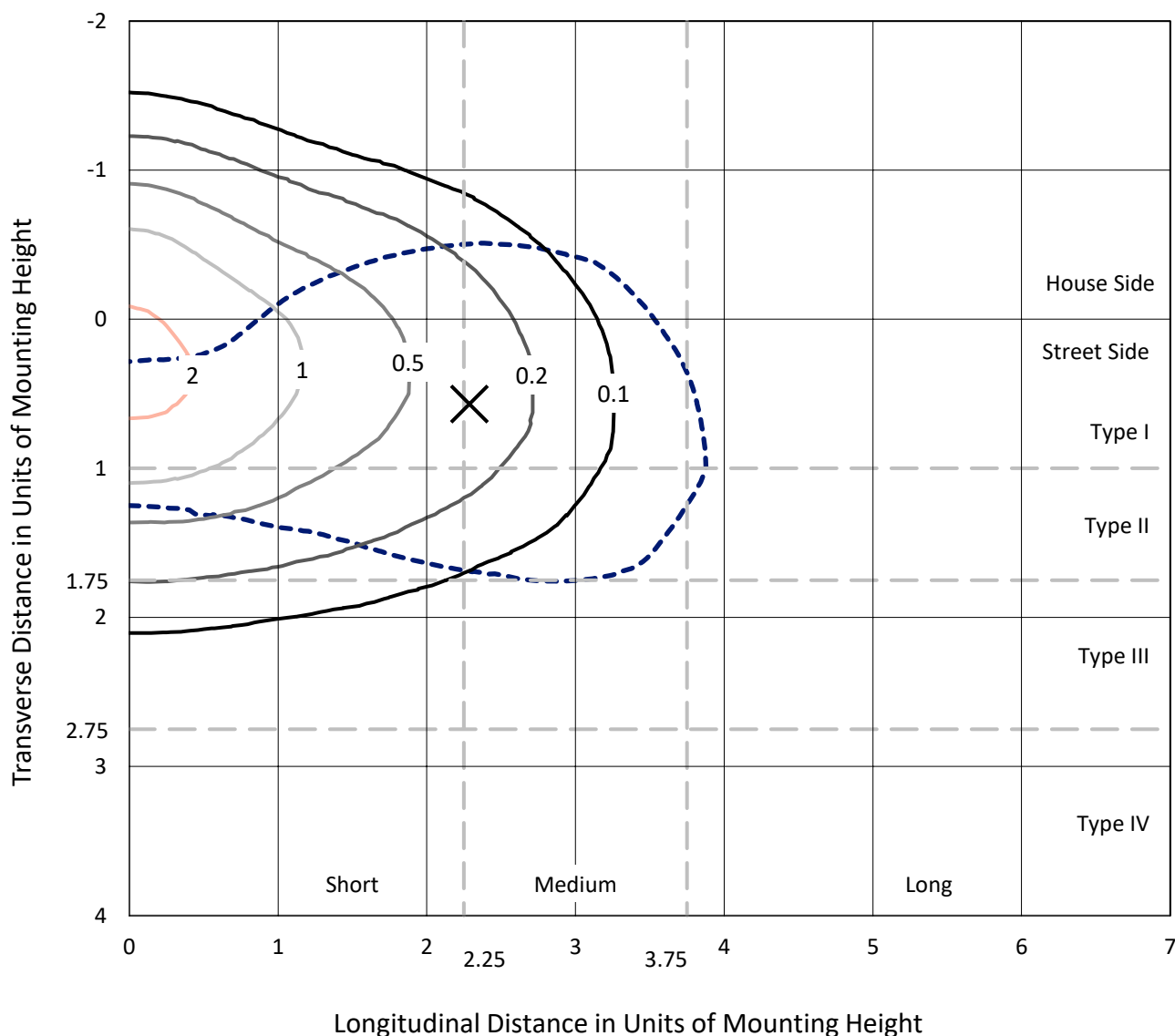
Input Watts (W): 17
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 13%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

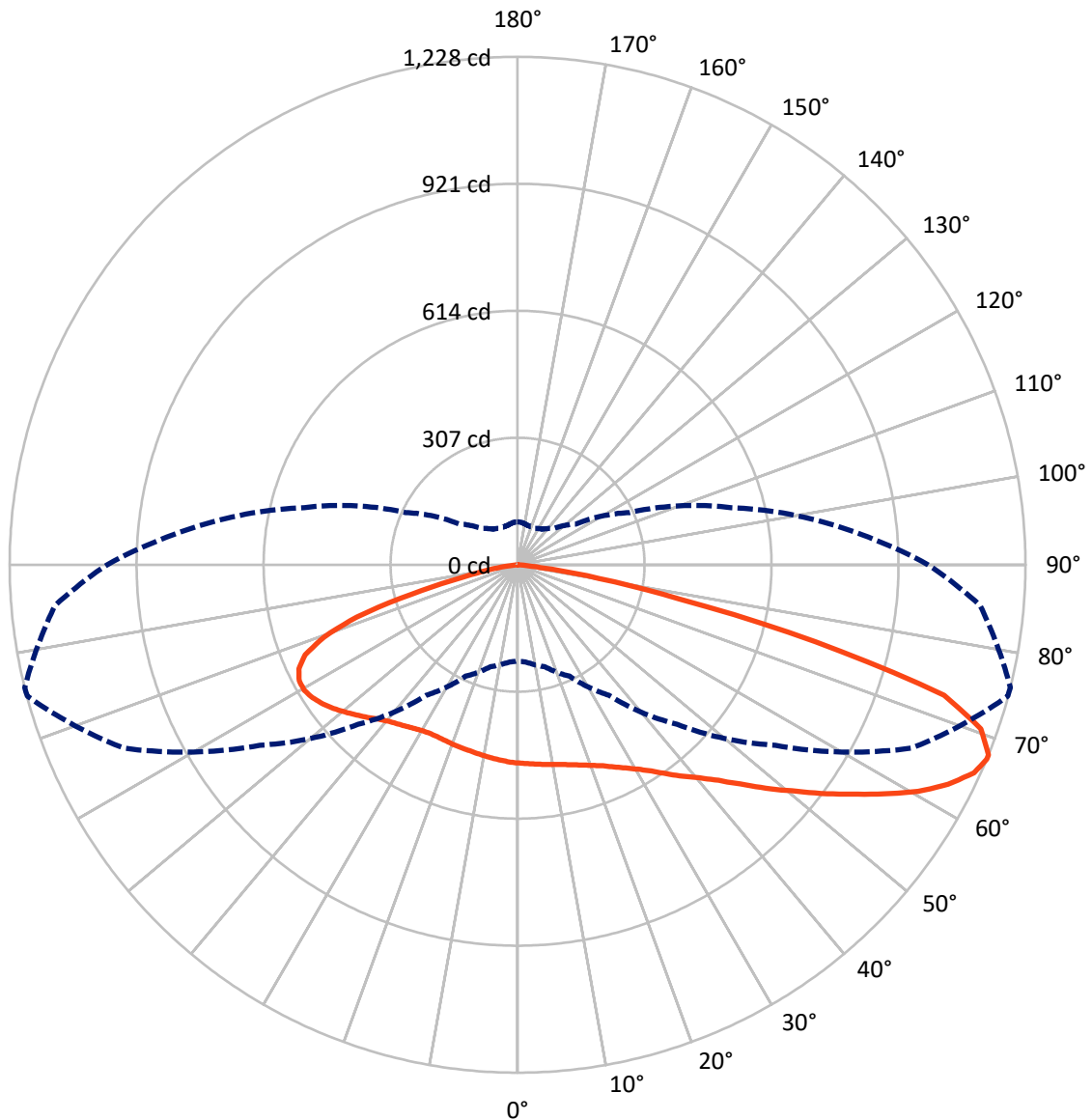
--- 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.4 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 76-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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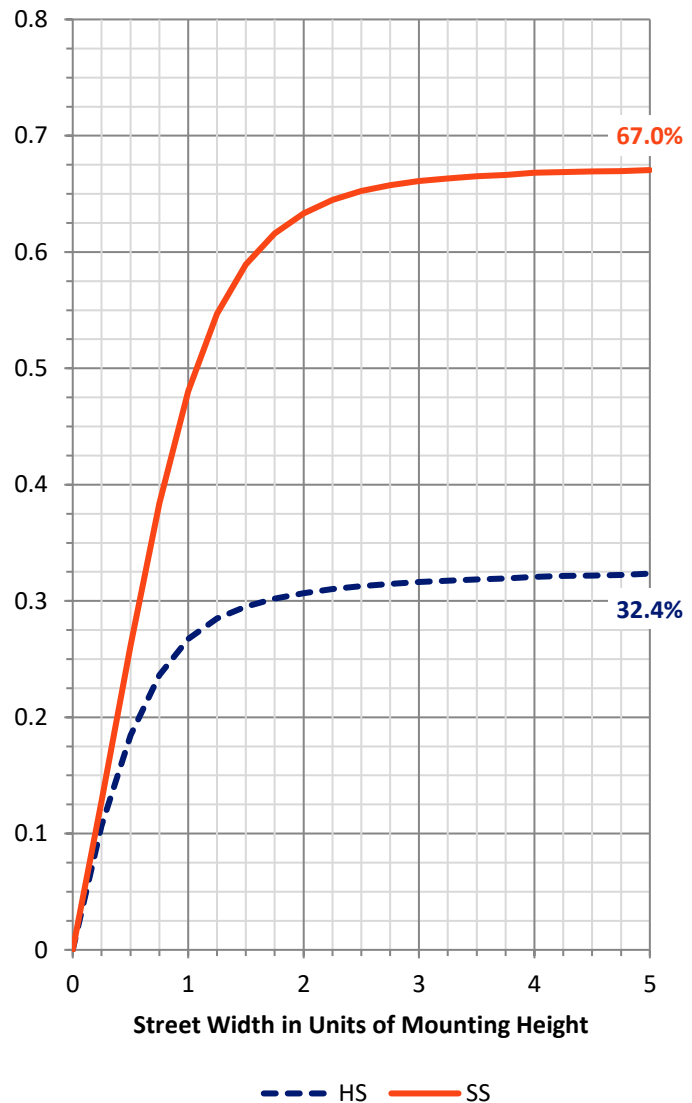
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	813.5	0.0	813.5
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	1652.2	0.0	1652.2
	% Fixture	67.0	0.0	67.0
Total	Lumens	2465.7	0.0	2465.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.1	1.9
10°-20°	141.0	5.7
20°-30°	242.5	9.8
30°-40°	348.4	14.1
40°-50°	441.9	17.9
50°-60°	485.3	19.7
60°-70°	470.6	19.1
70°-80°	259.8	10.5
80°-90°	30.1	1.2
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°	2465.7	100.0
0°-180°	2465.7	100.0

Coefficient of Utilization



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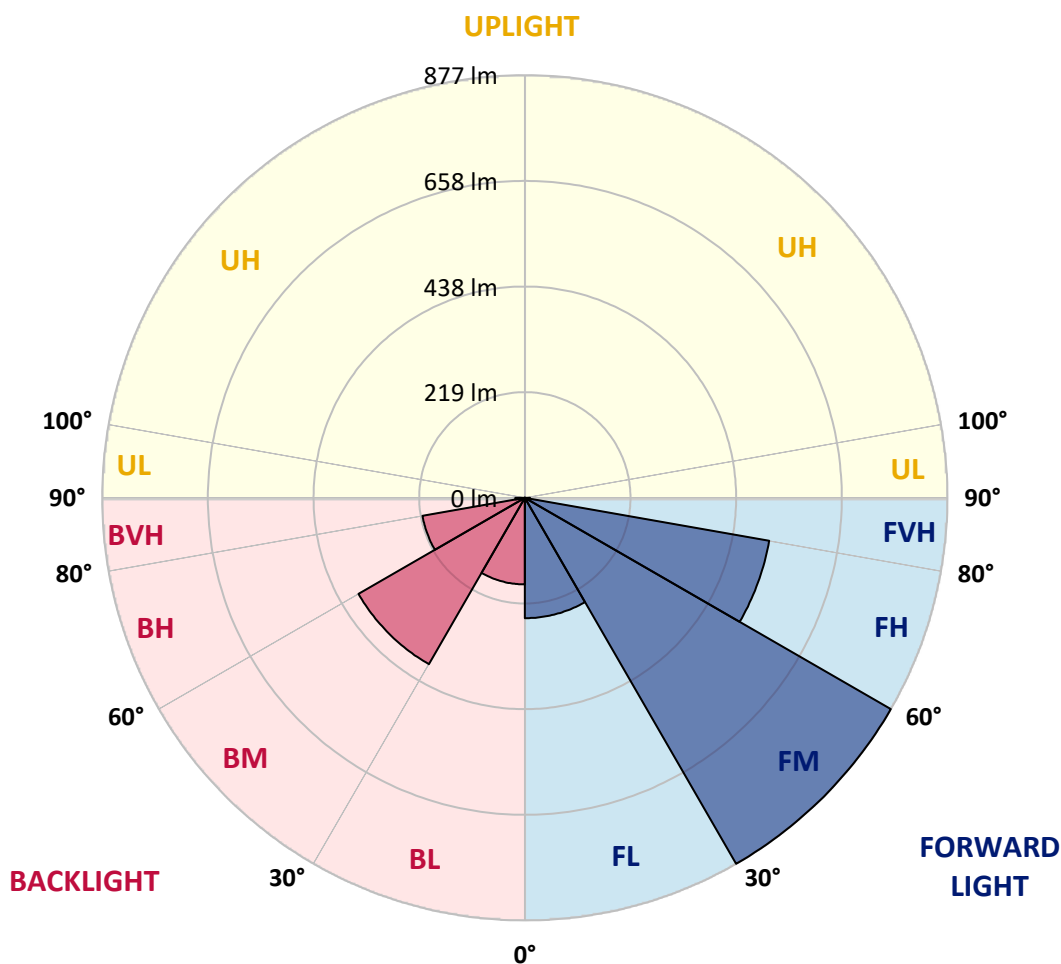
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	249.8	10.1			
FM	(30°-60°)	877.0	35.6			
FH	(60°-80°)	514.8	20.9			G0/660
FVH	(80°-90°)	10.6	0.4			G1/100
BL	(0°-30°)	179.7	7.3	B1/500		
BM	(30°-60°)	398.6	16.2	B1/1000		
BH	(60°-80°)	215.6	8.7	B1/500		G1/500
BVH	(80°-90°)	19.5	0.8			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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	479.3	479.3	479.3	479.3	479.3	479.3	479.3	479.3	479.3	479.3	479.3
2.5°	493.6	493.1	492.7	492.7	490.8	488.8	486.9	485.5	481.7	481.2	479.3
5°	508.4	508.4	507.0	506.5	503.6	498.9	494.6	490.3	485.0	484.1	479.8
7.5°	527.5	527.5	525.1	523.2	518.9	511.3	503.6	496.0	488.4	487.4	480.7
10°	551.8	551.8	549.9	545.6	536.5	526.5	514.1	502.2	492.2	491.2	481.7
12.5°	577.1	577.6	574.7	568.5	557.5	542.3	527.0	509.8	497.0	495.5	483.6
15°	602.8	603.3	601.4	594.7	579.9	561.3	540.8	520.3	503.2	501.7	486.5
17.5°	628.1	629.1	627.2	619.5	602.4	582.3	557.0	531.3	510.8	508.9	491.2
20°	652.0	652.0	652.0	643.4	626.7	603.8	574.7	544.6	519.4	517.5	497.0
22.5°	673.4	674.4	675.8	671.0	652.0	626.7	595.2	559.4	530.3	528.0	504.1
25°	694.9	695.4	699.2	695.8	677.2	651.0	617.1	578.0	543.7	541.3	512.7
27.5°	719.7	721.1	723.5	722.1	701.1	675.3	641.5	598.5	558.5	556.1	523.2
30°	748.8	748.8	750.2	747.8	726.8	701.1	665.8	620.0	577.1	573.3	536.1
32.5°	772.6	775.0	774.0	773.1	751.2	725.4	690.6	643.8	598.5	593.8	553.7
35°	795.0	795.5	795.0	796.0	774.0	749.7	716.8	671.5	622.4	620.5	576.1
37.5°	807.9	808.9	811.2	814.1	794.6	771.7	743.0	702.0	652.0	648.6	602.8
40°	814.1	815.5	828.4	832.7	811.7	792.6	770.7	729.7	680.6	676.8	629.5
42.5°	823.6	835.1	841.8	842.7	824.6	807.9	794.6	761.2	715.9	712.5	665.3
45°	792.2	787.9	805.5	826.0	825.1	817.9	817.4	796.5	759.3	755.9	705.8
47.5°	752.6	749.2	758.8	788.8	810.3	822.2	839.9	838.0	811.7	807.0	753.1
50°	658.2	663.9	710.6	751.6	788.8	823.6	858.9	881.4	862.8	858.9	803.1
52.5°	569.9	573.7	605.7	703.5	761.2	819.4	875.6	927.1	922.4	918.1	858.0
55°	507.9	511.7	562.8	625.2	720.2	797.4	886.6	970.5	982.9	978.7	916.2
57.5°	443.1	449.3	484.1	538.9	665.3	761.2	890.4	1014.4	1048.8	1044.9	972.0
60°	380.6	389.2	409.7	469.3	597.6	718.2	880.4	1049.7	1112.2	1112.2	1029.7
62.5°	322.9	327.6	349.1	403.0	511.7	663.4	855.1	1072.1	1170.4	1168.0	1080.2
65°	275.2	277.6	294.7	341.0	439.7	602.8	811.2	1070.7	1211.9	1212.3	1113.6
67°	232.3	236.1	255.2	297.1	384.9	545.6	760.7	1049.2	1226.7	1227.6	1121.7
67.5°	217.5	221.8	242.8	286.2	373.4	529.9	748.8	1040.2	1225.7	1227.6	1119.3
70°	149.8	150.7	186.0	235.6	307.1	446.4	666.3	977.2	1189.5	1188.0	1067.4
72.5°	95.4	94.0	127.8	172.2	247.0	361.5	562.3	867.0	1079.3	1077.9	941.0
75°	63.4	64.9	86.3	123.0	173.6	279.5	438.3	654.3	749.7	744.0	621.0
77.5°	45.3	44.4	53.4	88.7	116.4	169.8	238.0	348.2	398.2	398.2	341.0
80°	24.8	25.3	29.1	49.1	65.8	66.3	89.2	174.6	194.6	198.9	165.5
82.5°	7.2	7.6	10.5	16.7	18.1	20.0	31.0	50.1	52.5	55.3	44.8
85°	0.0	0.0	0.0	0.5	1.9	2.4	2.4	2.9	4.8	4.8	5.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.5	1.0	1.9	1.9	2.4
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°	479.3	479.3	479.3	479.3	479.3	479.3	479.3	479.3	479.3	479.3	479.3
2.5°	478.8	479.3	477.4	475.0	473.1	472.2	469.3	466.9	468.3	469.8	469.8
5°	478.4	477.9	474.1	469.8	466.9	465.0	460.2	456.9	457.4	458.8	458.3
7.5°	478.4	476.4	471.2	465.0	460.2	456.4	450.2	446.4	445.9	446.9	445.9
10°	478.8	475.5	468.3	459.8	453.1	447.4	439.7	435.4	434.0	434.5	433.5
12.5°	479.8	474.5	465.5	454.5	445.9	438.3	429.7	424.5	423.5	424.5	424.5
15°	481.2	474.5	463.1	449.7	438.3	429.7	421.1	416.4	416.4	416.8	416.8
17.5°	484.1	476.0	461.2	444.5	430.7	421.1	413.5	410.2	410.6	412.1	412.1
20°	486.9	477.9	459.3	439.2	424.0	413.0	406.8	404.4	406.3	408.2	408.2
22.5°	491.2	480.3	457.4	434.5	416.4	405.4	400.1	398.2	400.1	402.5	401.6
25°	497.9	484.6	455.9	430.2	409.2	397.3	392.0	390.1	391.1	393.0	393.0
27.5°	505.5	489.8	455.5	424.9	400.6	387.7	381.5	378.7	378.7	379.2	379.6
30°	518.4	498.9	457.4	421.1	393.0	377.7	369.6	365.3	364.8	366.8	366.8
32.5°	533.7	511.3	462.1	417.8	385.4	365.8	354.8	351.5	350.5	352.0	350.5
35°	550.8	525.1	468.3	417.3	377.7	352.9	340.5	336.7	333.8	332.9	331.9
37.5°	575.2	544.2	474.5	414.9	370.1	339.1	325.7	317.6	314.3	313.3	313.3
40°	599.0	562.8	482.2	411.1	361.0	325.3	306.2	297.1	295.7	295.7	295.7
42.5°	629.1	587.1	492.7	408.7	350.1	311.4	285.2	274.7	274.7	274.7	274.2
45°	666.3	619.0	506.0	407.8	339.6	294.7	262.8	249.0	248.5	248.0	247.5
47.5°	709.7	652.4	518.9	405.4	327.2	274.7	237.0	221.8	218.4	217.5	216.0
50°	754.5	688.7	532.7	402.0	312.4	251.3	212.7	195.1	187.9	185.5	186.5
52.5°	802.2	724.0	546.1	397.3	294.7	228.0	187.9	169.3	162.2	159.3	158.8
55°	848.9	759.7	558.5	391.1	275.7	204.1	166.9	148.8	142.6	141.6	141.6
57.5°	896.1	794.1	568.0	382.0	254.7	183.1	148.8	134.0	129.7	131.6	131.6
60°	939.1	824.1	572.8	369.6	233.7	164.1	134.5	123.5	121.6	126.4	125.9
62.5°	977.7	844.2	570.4	351.5	213.2	147.8	123.5	115.4	115.9	121.6	122.1
65°	996.3	847.5	556.6	326.7	190.3	134.0	112.1	104.4	105.4	111.6	113.0
67°	992.0	834.6	533.7	298.6	171.7	123.5	104.9	97.3	97.8	103.0	103.5
67.5°	987.2	828.4	527.5	290.0	166.9	121.6	103.0	95.9	96.8	101.6	101.6
70°	923.8	765.5	470.2	246.1	144.5	108.3	94.0	89.2	90.1	93.0	93.0
72.5°	807.4	662.9	380.6	197.4	122.6	95.9	84.9	82.0	82.0	82.0	79.6
75°	515.1	415.4	249.0	151.2	101.1	82.0	76.3	73.0	71.1	73.9	73.0
77.5°	284.7	217.0	129.7	86.8	73.0	68.2	66.3	64.9	64.4	71.1	69.2
80°	135.0	107.3	73.0	49.6	42.0	50.6	57.2	56.3	67.2	92.0	92.5
82.5°	42.9	35.3	29.6	27.2	28.1	36.2	44.4	51.0	87.3	98.7	97.3
85°	5.2	4.8	3.3	11.0	18.6	26.7	34.3	66.3	80.1	66.8	63.0
87.5°	1.9	1.9	1.9	7.6	14.3	20.5	31.0	66.8	49.1	44.8	41.0
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)