

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: P1211824

Luminaire Tested: **GKO-PB1C-735-U-T3**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211824
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-T3
Description: GEKKO WALL PACK 2500LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE III
DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

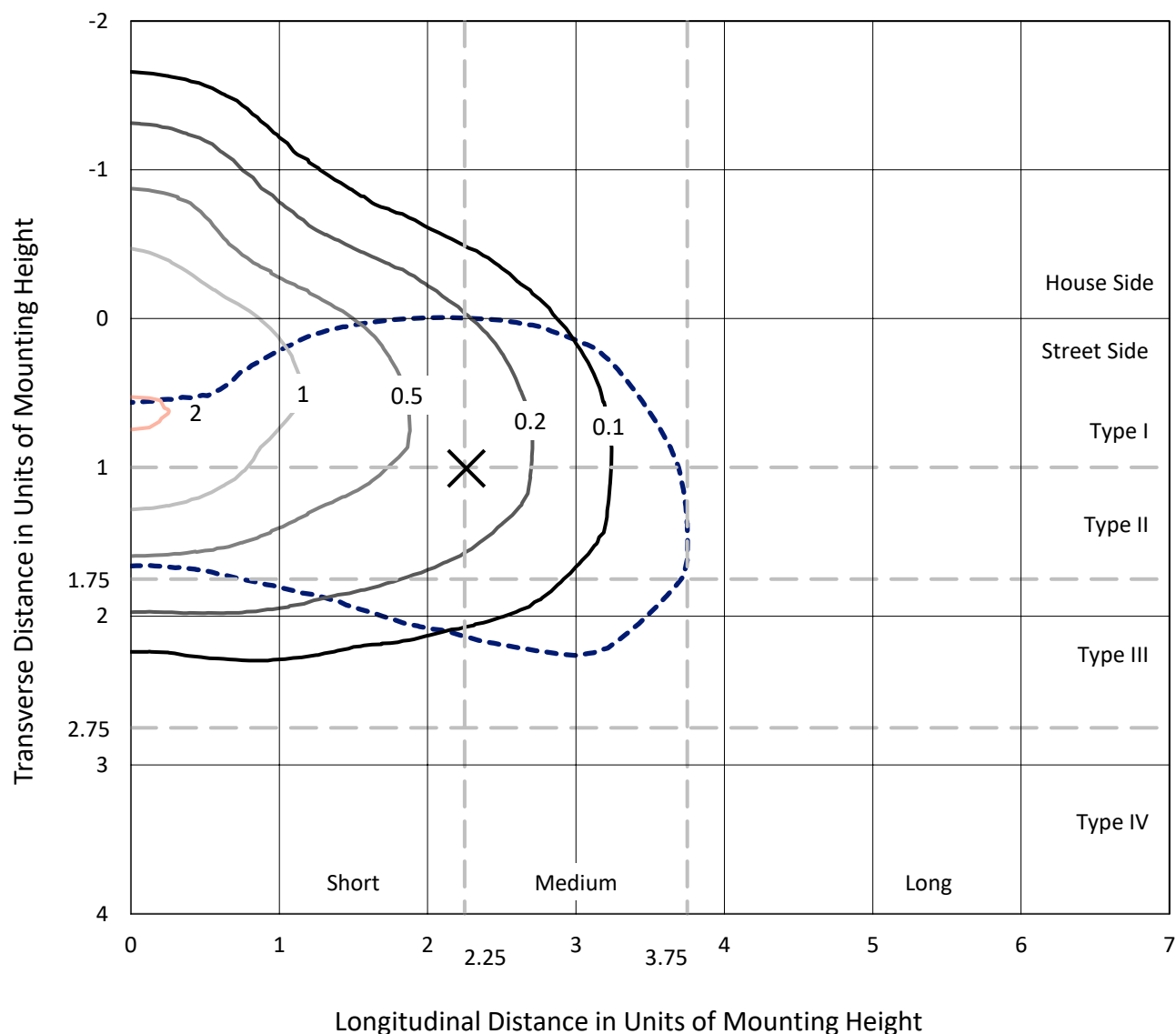
Lumens per Lamp: N/A
Luminaire Lumens: 2456.4 lumens
Efficiency: N/A
Efficacy: 144.5 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

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

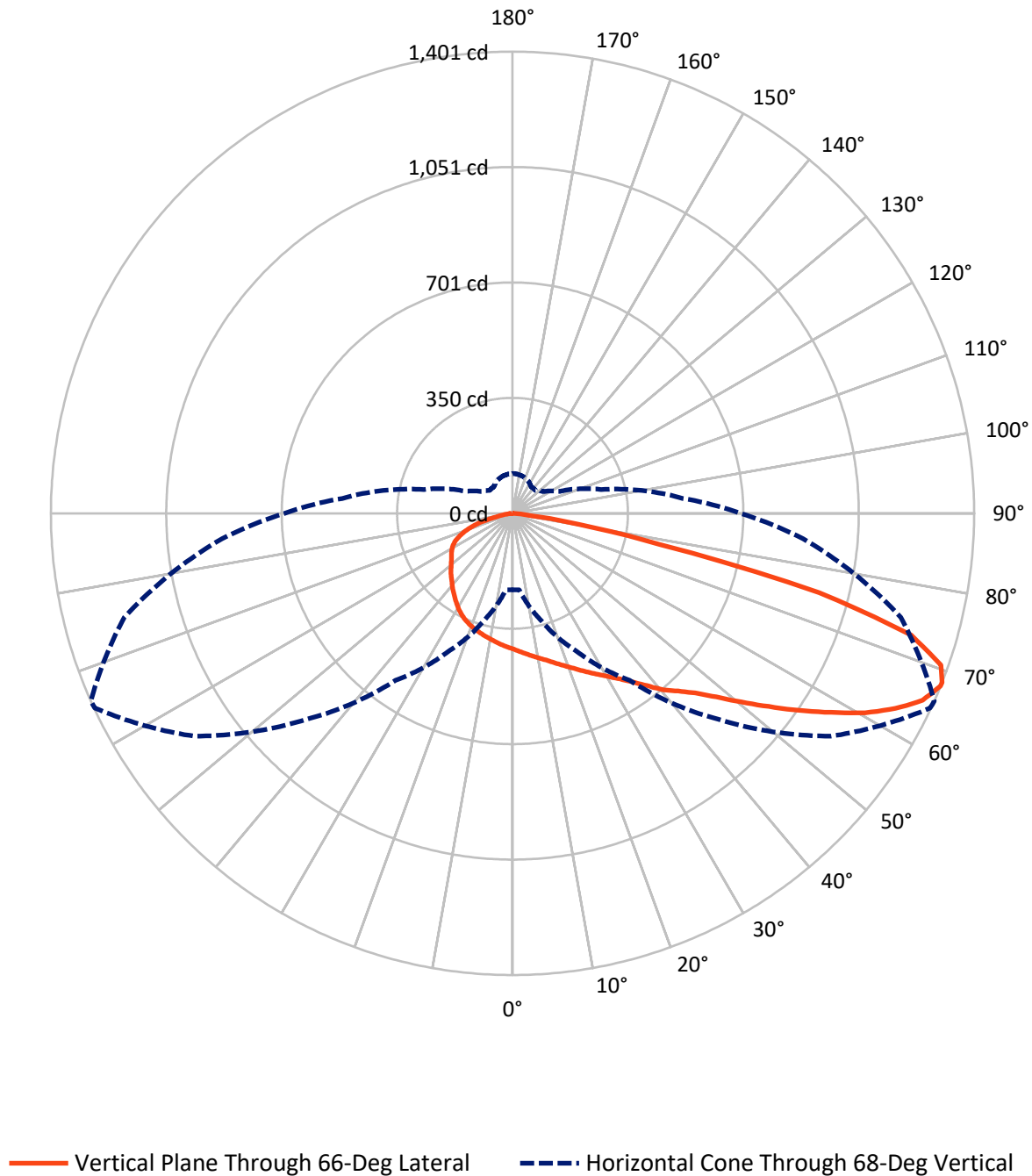
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.1 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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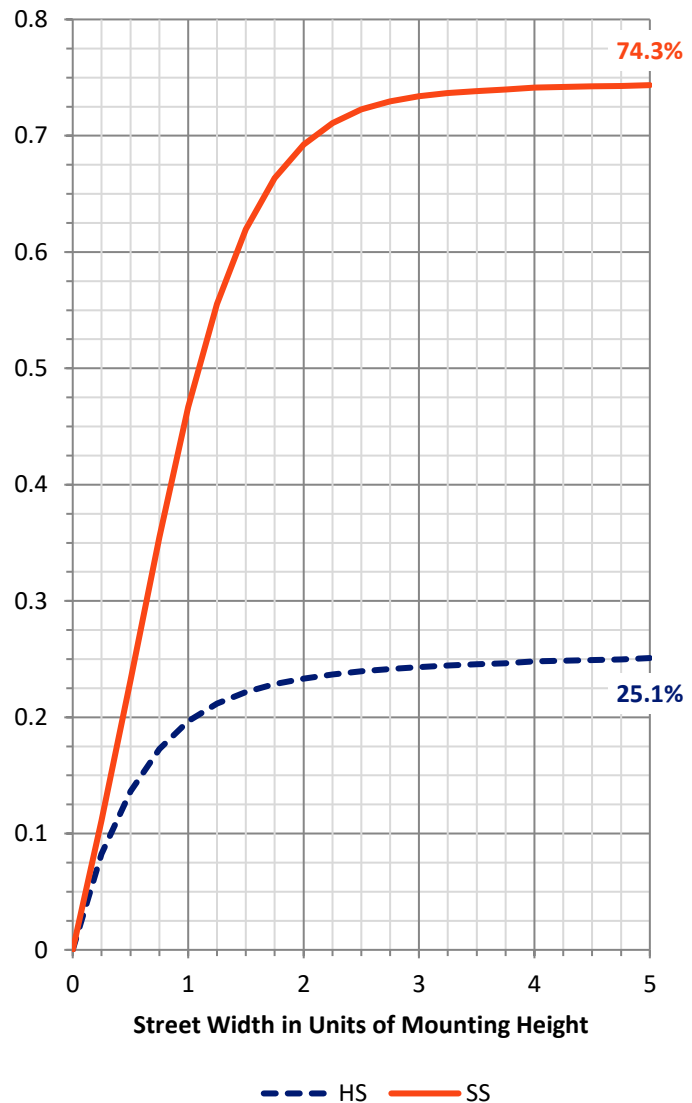
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	628.9	0.0	628.9
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	1827.5	0.0	1827.5
	% Fixture	74.4	0.0	74.4
Total	Lumens	2456.4	0.0	2456.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.5	1.6
10°-20°	118.8	4.8
20°-30°	204.7	8.3
30°-40°	317.6	12.9
40°-50°	435.0	17.7
50°-60°	519.0	21.1
60°-70°	520.0	21.2
70°-80°	275.2	11.2
80°-90°	26.6	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°	2456.4	100.0
0°-180°	2456.4	100.0

Coefficient of Utilization



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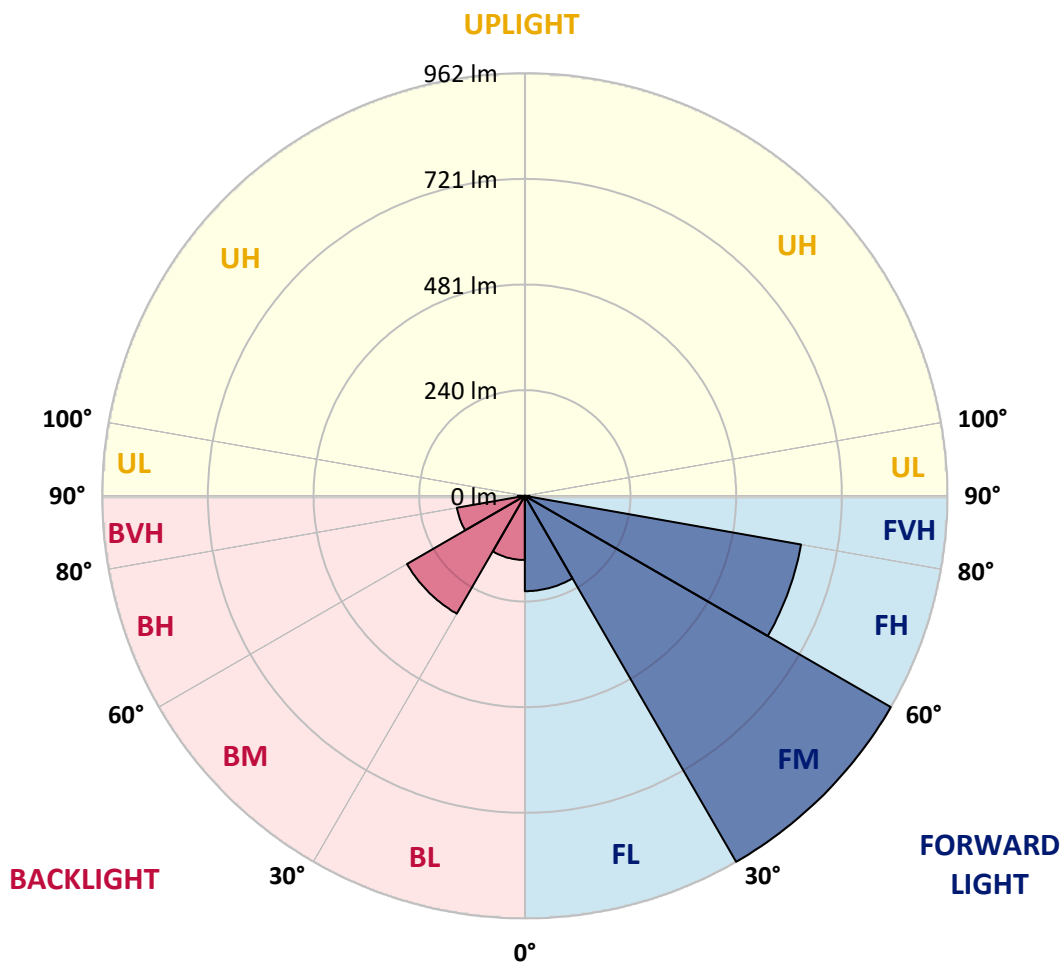
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	217.0	8.8			
FM	(30°-60°)	961.8	39.2			
FH	(60°-80°)	638.3	26.0			G0/660
FVH	(80°-90°)	10.4	0.4			G1/100
BL	(0°-30°)	146.1	5.9	B1/500		
BM	(30°-60°)	309.8	12.6	B1/1000		
BH	(60°-80°)	156.9	6.4	B1/500		G1/500
BVH	(80°-90°)	16.1	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°	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0
2.5°	429.2	429.2	428.2	427.7	427.2	424.4	422.5	420.1	420.1	416.3	412.9
5°	443.9	444.4	442.5	442.5	440.6	436.8	433.0	428.2	428.2	422.5	415.8
7.5°	456.8	458.2	456.3	456.3	454.4	450.1	443.9	437.3	437.3	429.2	419.6
10°	469.2	470.2	469.2	470.2	467.3	463.5	456.3	447.3	446.8	436.8	423.4
12.5°	479.2	480.2	480.6	482.1	479.7	476.8	470.2	458.7	457.3	445.4	428.2
15°	488.8	489.7	491.1	493.0	492.6	490.2	484.0	471.1	470.2	454.9	434.4
17.5°	496.4	496.9	499.7	503.5	504.5	505.0	498.3	484.9	484.0	465.9	441.1
20°	507.4	508.3	511.2	515.0	517.8	519.7	514.5	499.7	498.8	478.7	449.7
22.5°	532.1	530.7	532.1	532.1	533.6	536.4	532.6	517.8	515.9	494.0	460.1
25°	578.9	577.4	573.6	565.0	555.5	555.0	550.7	536.4	534.1	509.7	470.2
27.5°	644.2	640.9	633.7	615.6	592.7	577.9	571.2	556.5	553.6	525.5	479.7
30°	713.3	717.2	705.2	680.4	638.5	607.0	594.1	577.4	575.1	543.1	491.1
32.5°	793.9	794.4	782.5	748.2	693.8	643.7	621.8	601.3	599.4	563.6	506.4
35°	840.7	842.6	837.3	805.4	743.4	684.3	655.2	630.4	628.9	589.4	525.5
37.5°	889.3	893.6	885.5	850.2	781.1	721.9	692.4	665.2	663.8	618.9	549.3
40°	961.3	959.4	950.8	898.8	816.3	753.4	729.1	707.6	704.3	655.2	573.6
42.5°	1013.3	1018.0	999.4	940.8	855.0	784.9	765.8	741.5	737.2	677.1	587.9
45°	1030.9	1026.6	1006.1	963.2	905.5	813.5	800.6	782.0	777.7	715.7	616.1
47.5°	1034.7	1027.1	1009.0	976.6	948.4	850.7	843.0	838.8	832.6	764.4	649.9
50°	1011.4	1006.1	997.5	981.3	976.1	885.5	889.3	905.0	899.8	816.8	687.6
52.5°	958.4	956.1	963.7	974.2	960.3	915.5	944.1	976.1	974.2	874.5	728.1
55°	858.8	858.8	901.7	938.4	946.5	935.1	1003.3	1058.1	1055.7	939.4	766.7
57.5°	767.7	769.1	804.9	887.4	921.7	956.1	1069.1	1143.9	1140.1	1012.3	807.3
60°	652.8	652.8	707.1	810.6	886.0	972.3	1127.2	1226.9	1229.3	1082.9	847.3
62.5°	516.9	518.3	593.7	715.3	834.5	975.1	1173.5	1305.1	1304.6	1146.8	878.3
65°	381.0	381.5	484.0	609.4	757.2	955.1	1198.8	1365.2	1368.0	1197.3	896.4
67.5°	247.5	252.2	356.2	494.5	648.0	898.4	1185.4	1397.1	1400.5	1220.7	890.7
68°	231.7	232.7	337.1	463.0	618.5	884.1	1179.2	1398.6	1401.4	1220.2	885.0
70°	150.2	150.2	241.3	361.4	493.5	794.9	1125.3	1376.1	1379.5	1199.2	843.5
72.5°	81.1	82.5	137.8	218.9	337.1	615.1	1015.7	1259.3	1265.0	1084.3	737.7
75°	56.7	57.7	80.1	122.5	183.6	400.5	793.9	962.3	961.3	749.1	462.1
77.5°	41.0	41.0	45.8	76.3	96.3	183.1	392.9	463.5	458.2	365.7	233.2
80°	26.7	26.7	28.6	40.1	46.3	55.8	120.2	200.7	204.6	178.3	116.3
82.5°	11.0	11.4	12.4	16.2	16.7	23.4	34.3	57.7	55.8	45.3	32.9
85°	1.4	1.4	1.9	2.4	2.9	5.2	4.8	4.8	4.8	5.7	5.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.4	1.4	1.9	1.4
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°	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0
2.5°	412.0	412.0	409.1	406.3	403.4	401.0	397.7	395.3	395.8	397.2	396.7
5°	414.4	412.0	406.3	400.1	395.3	391.0	384.8	381.5	381.0	381.9	381.5
7.5°	415.8	412.0	403.4	393.9	386.2	380.5	371.9	368.6	367.2	367.6	367.6
10°	418.7	412.5	400.5	387.2	377.7	369.5	360.5	355.7	354.3	354.3	353.8
12.5°	422.0	413.4	397.7	381.5	369.1	359.5	349.0	343.8	342.4	342.4	341.9
15°	425.3	414.8	394.8	375.3	361.0	349.5	339.5	333.3	331.4	331.4	332.4
17.5°	429.6	416.3	392.0	369.5	352.4	339.5	329.0	322.8	320.4	321.9	322.8
20°	433.9	419.1	389.1	363.3	343.8	330.4	320.0	313.8	311.4	313.8	314.2
22.5°	440.1	421.5	385.8	356.2	335.2	320.4	310.9	305.2	303.7	306.1	308.0
25°	446.3	424.4	381.5	348.6	324.2	309.9	302.3	298.0	298.5	301.8	303.7
27.5°	453.0	426.8	377.2	339.0	312.3	299.0	293.3	292.3	294.2	298.0	300.4
30°	461.1	430.1	371.5	328.1	299.0	287.1	284.7	287.5	290.9	294.7	297.1
32.5°	471.6	434.4	365.7	315.7	285.1	274.2	278.0	284.2	288.0	291.8	294.2
35°	486.4	443.0	362.4	303.3	270.4	263.2	271.8	281.8	284.7	287.1	289.9
37.5°	503.5	454.4	361.0	291.8	257.0	253.7	265.6	277.5	278.5	279.4	282.3
40°	520.2	463.0	357.1	279.4	243.2	243.2	258.0	269.4	268.9	267.5	269.4
42.5°	526.9	462.1	346.2	267.5	232.2	232.7	246.0	257.0	254.2	254.2	257.0
45°	546.0	469.7	338.1	258.0	222.2	220.3	230.8	239.4	244.1	250.3	253.2
47.5°	570.3	480.2	331.9	247.0	212.7	206.5	212.2	226.5	234.6	241.3	243.7
50°	595.6	492.1	326.2	235.6	203.1	190.7	193.6	209.3	216.5	219.8	221.3
52.5°	621.3	503.1	321.9	226.0	192.2	172.1	178.3	193.1	198.4	200.3	201.2
55°	644.2	512.1	318.0	217.9	179.8	157.4	162.1	177.4	181.2	183.1	184.5
57.5°	668.5	522.1	315.7	210.3	165.9	144.5	147.8	161.6	166.9	168.8	170.2
60°	690.0	531.7	313.8	202.2	153.1	133.0	134.9	148.3	154.0	155.0	156.4
62.5°	704.3	537.9	310.9	192.2	141.1	122.1	122.5	135.4	141.6	142.6	143.5
65°	708.1	536.4	302.3	178.8	129.2	111.1	111.1	123.5	130.2	133.5	134.9
67.5°	696.7	524.5	284.2	161.6	117.8	101.1	101.1	112.1	119.2	123.0	124.5
68°	692.8	519.3	278.5	157.4	114.9	98.7	98.7	110.1	116.8	120.2	121.1
70°	660.4	493.5	252.2	141.1	105.9	91.6	91.6	101.6	108.7	108.7	108.2
72.5°	573.6	427.7	207.4	118.3	92.5	81.1	82.5	92.0	94.4	96.8	96.3
75°	355.2	256.1	139.2	93.5	77.7	71.0	73.9	82.5	83.9	89.2	87.7
77.5°	177.9	125.4	73.9	54.4	60.1	61.0	66.3	72.5	76.8	82.5	78.7
80°	87.7	61.0	43.4	33.9	35.3	44.8	57.7	62.5	70.1	73.9	70.6
82.5°	24.3	18.6	17.6	18.6	26.2	34.8	45.3	55.3	65.3	68.7	63.9
85°	4.3	3.3	2.9	9.1	18.1	25.7	36.7	49.1	58.7	56.3	52.9
87.5°	1.4	1.0	1.0	5.7	13.4	21.0	31.5	43.9	50.1	45.3	40.5
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)