

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: P1211945

Luminaire Tested: **GKO-PB1B-735-U-T2U**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211945
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1B-735-U-T2U
Description: GEKKO WALL PACK 1500LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

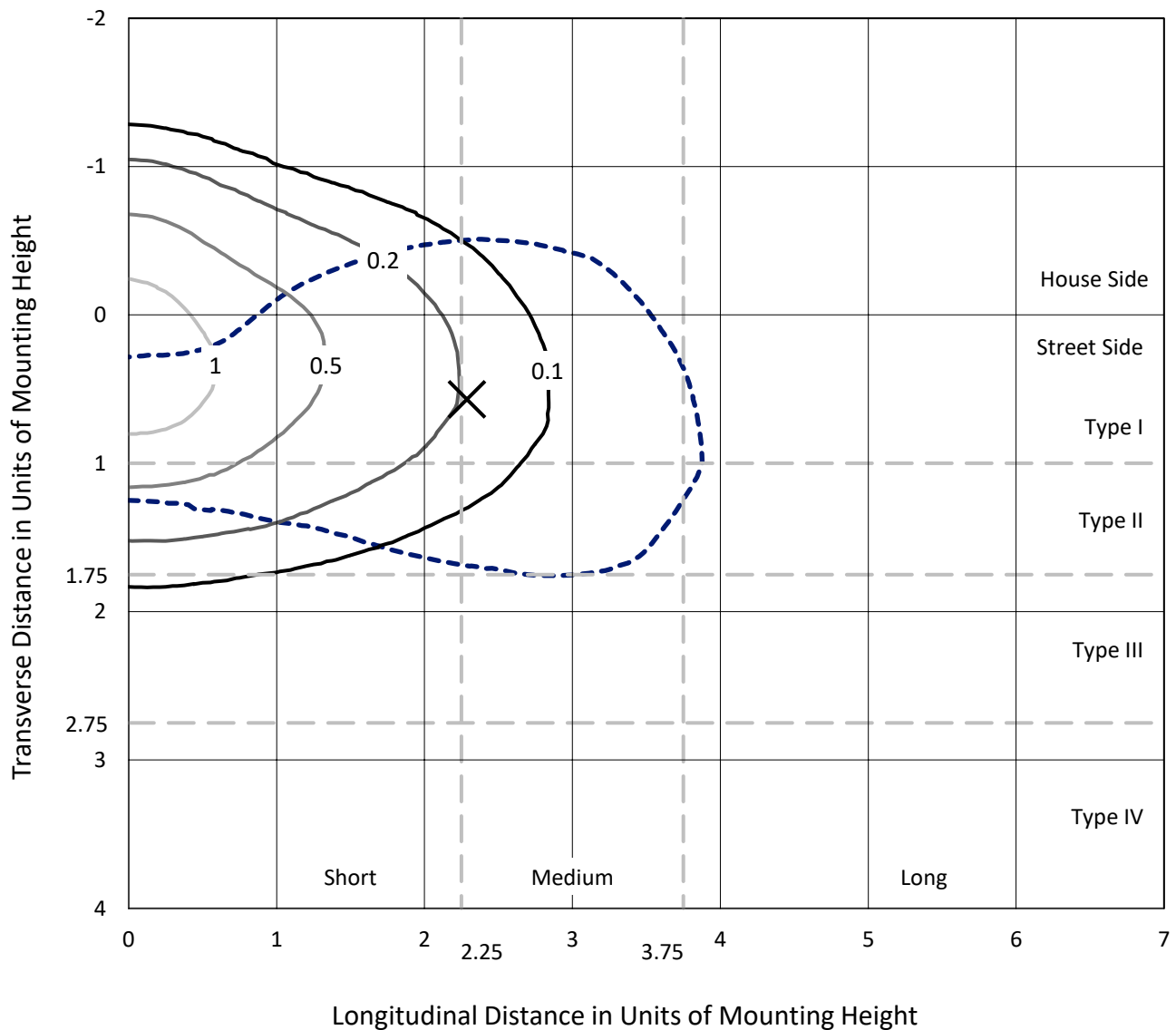
Lumens per Lamp: N/A
Luminaire Lumens: 1436.4 lumens
Efficiency: N/A
Efficacy: 154.5 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 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

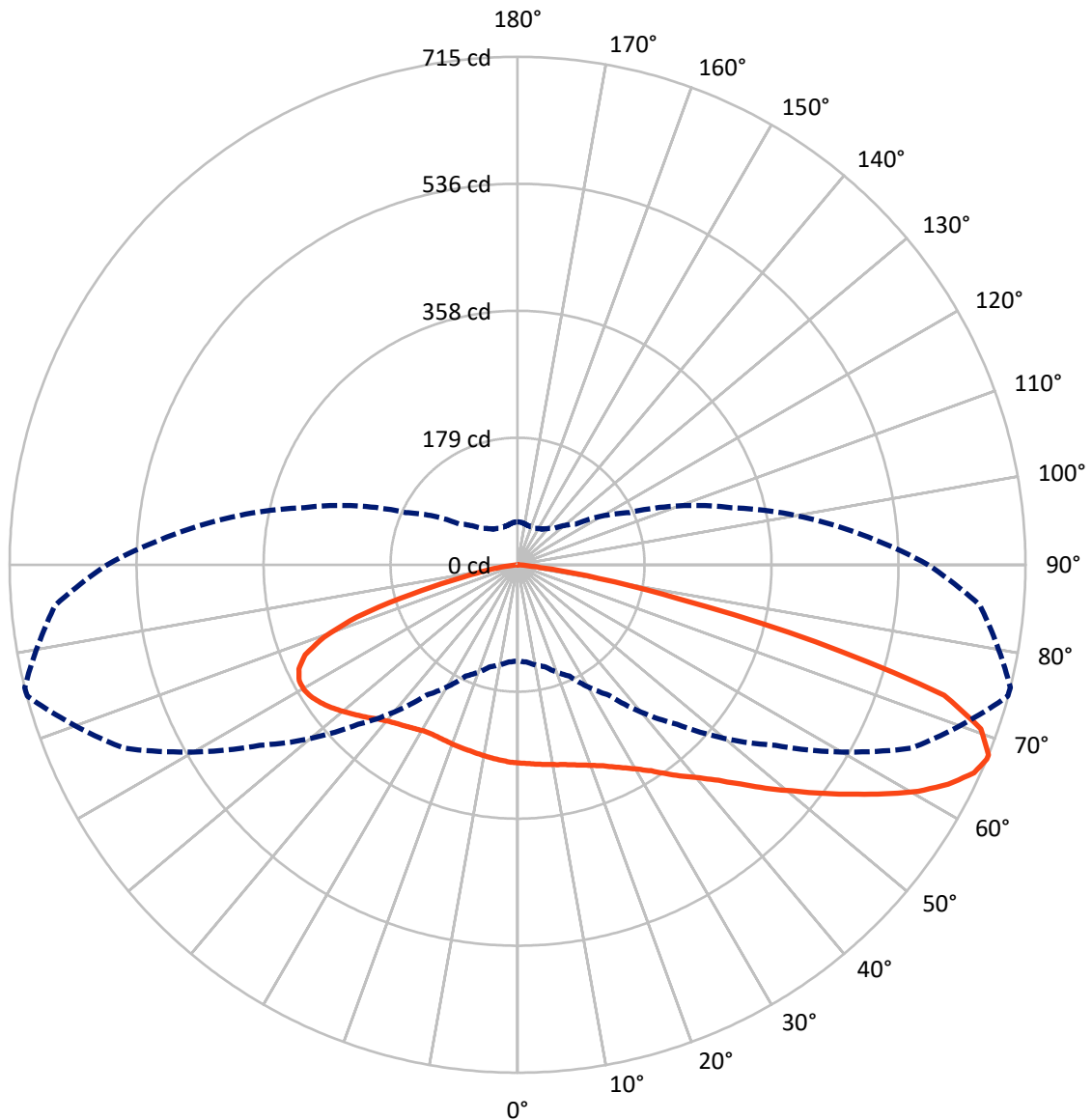
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.4 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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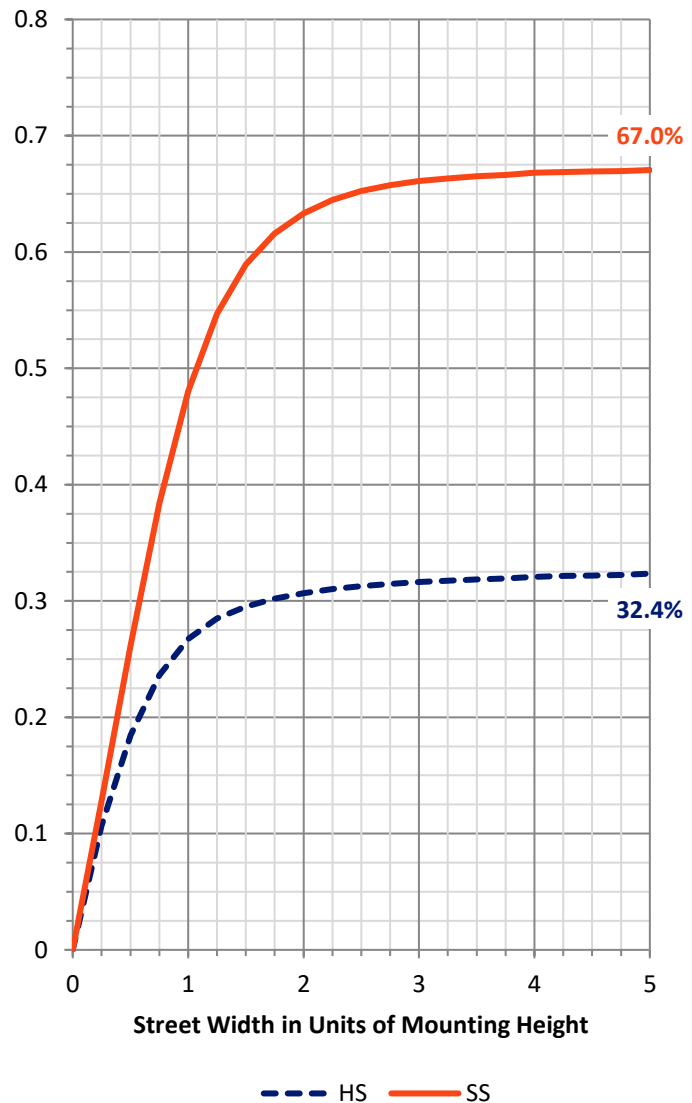
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	473.9	0.0	473.9
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	962.5	0.0	962.5
	% Fixture	67.0	0.0	67.0
Total	Lumens	1436.4	0.0	1436.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.8	1.9
10°-20°	82.1	5.7
20°-30°	141.3	9.8
30°-40°	203.0	14.1
40°-50°	257.4	17.9
50°-60°	282.7	19.7
60°-70°	274.2	19.1
70°-80°	151.4	10.5
80°-90°	17.6	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°	1436.4	100.0
0°-180°	1436.4	100.0

Coefficient of Utilization



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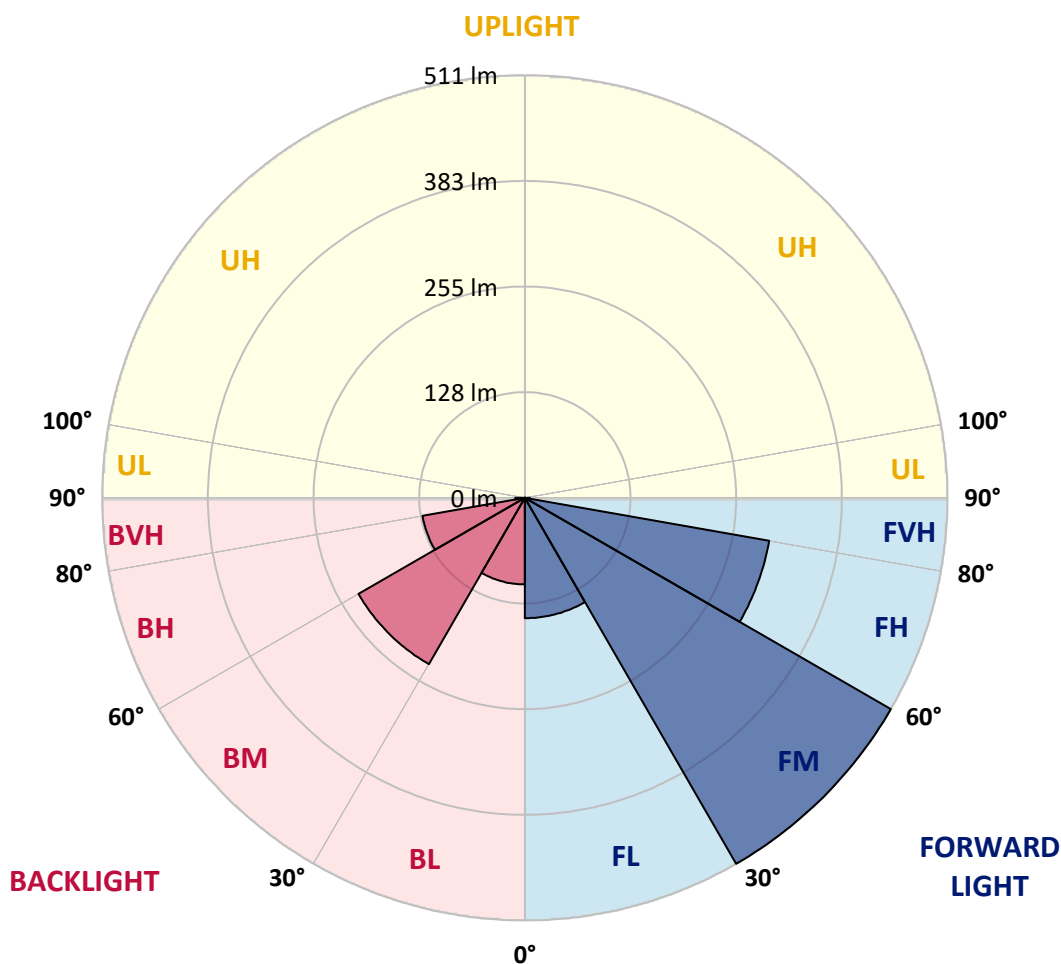
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	145.5	10.1			
FM	(30°-60°)	510.9	35.6			
FH	(60°-80°)	299.9	20.9			G0/660
FVH	(80°-90°)	6.2	0.4			G0/10
BL	(0°-30°)	104.7	7.3	B0/110		
BM	(30°-60°)	232.2	16.2	B1/1000		
BH	(60°-80°)	125.6	8.7	B1/500		G1/500
BVH	(80°-90°)	11.3	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°	279.2	279.2	279.2	279.2	279.2	279.2	279.2	279.2	279.2	279.2	279.2
2.5°	287.6	287.3	287.0	287.0	285.9	284.8	283.7	282.8	280.6	280.3	279.2
5°	296.2	296.2	295.3	295.1	293.4	290.6	288.1	285.6	282.6	282.0	279.5
7.5°	307.3	307.3	305.9	304.8	302.3	297.8	293.4	289.0	284.5	284.0	280.1
10°	321.5	321.5	320.3	317.8	312.6	306.7	299.5	292.6	286.7	286.2	280.6
12.5°	336.2	336.5	334.8	331.2	324.8	315.9	307.0	297.0	289.5	288.7	281.7
15°	351.2	351.5	350.4	346.5	337.9	327.0	315.1	303.1	293.1	292.3	283.4
17.5°	365.9	366.5	365.4	360.9	350.9	339.2	324.5	309.5	297.6	296.5	286.2
20°	379.8	379.8	379.8	374.8	365.1	351.7	334.8	317.3	302.6	301.5	289.5
22.5°	392.3	392.9	393.7	390.9	379.8	365.1	346.7	325.9	309.0	307.6	293.7
25°	404.8	405.1	407.3	405.4	394.5	379.3	359.5	336.7	316.7	315.3	298.7
27.5°	419.3	420.1	421.5	420.6	408.4	393.4	373.7	348.7	325.3	324.0	304.8
30°	436.2	436.2	437.0	435.7	423.4	408.4	387.9	361.2	336.2	334.0	312.3
32.5°	450.1	451.5	450.9	450.4	437.6	422.6	402.3	375.1	348.7	345.9	322.6
35°	463.2	463.4	463.2	463.7	450.9	436.8	417.6	391.2	362.6	361.5	335.6
37.5°	470.7	471.2	472.6	474.3	462.9	449.5	432.9	409.0	379.8	377.9	351.2
40°	474.3	475.1	482.6	485.1	472.9	461.8	449.0	425.1	396.5	394.3	366.7
42.5°	479.8	486.5	490.4	490.9	480.4	470.7	462.9	443.4	417.0	415.1	387.6
45°	461.5	459.0	469.3	481.2	480.7	476.5	476.2	464.0	442.3	440.4	411.2
47.5°	438.4	436.5	442.0	459.5	472.0	479.0	489.3	488.2	472.9	470.1	438.7
50°	383.4	386.8	414.0	437.9	459.5	479.8	500.4	513.4	502.6	500.4	467.9
52.5°	332.0	334.2	352.9	409.8	443.4	477.3	510.1	540.1	537.3	534.8	499.8
55°	295.9	298.1	327.9	364.2	419.5	464.5	516.5	565.4	572.6	570.1	533.7
57.5°	258.1	261.7	282.0	314.0	387.6	443.4	518.7	591.0	611.0	608.7	566.2
60°	221.7	226.7	238.7	273.4	348.1	418.4	512.9	611.5	647.9	647.9	599.9
62.5°	188.1	190.9	203.4	234.8	298.1	386.5	498.2	624.6	681.8	680.4	629.3
65°	160.3	161.7	171.7	198.7	256.2	351.2	472.6	623.7	706.0	706.3	648.8
67°	135.3	137.5	148.6	173.1	224.2	317.8	443.2	611.2	714.6	715.2	653.5
67.5°	126.7	129.2	141.4	166.7	217.5	308.7	436.2	606.0	714.0	715.2	652.1
70°	87.2	87.8	108.4	137.3	178.9	260.1	388.1	569.3	692.9	692.1	621.8
72.5°	55.6	54.7	74.5	100.3	143.9	210.6	327.6	505.1	628.7	627.9	548.2
75°	37.0	37.8	50.3	71.7	101.1	162.8	255.3	381.2	436.8	433.4	361.7
77.5°	26.4	25.8	31.1	51.7	67.8	98.9	138.6	202.8	232.0	232.0	198.7
80°	14.4	14.7	16.9	28.6	38.3	38.6	52.0	101.7	113.4	115.9	96.4
82.5°	4.2	4.4	6.1	9.7	10.6	11.7	18.1	29.2	30.6	32.2	26.1
85°	0.0	0.0	0.0	0.3	1.1	1.4	1.4	1.7	2.8	2.8	3.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6	1.1	1.1	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°	279.2	279.2	279.2	279.2	279.2	279.2	279.2	279.2	279.2	279.2	279.2
2.5°	279.0	279.2	278.1	276.7	275.6	275.1	273.4	272.0	272.8	273.7	273.7
5°	278.7	278.4	276.2	273.7	272.0	270.9	268.1	266.2	266.4	267.3	267.0
7.5°	278.7	277.6	274.5	270.9	268.1	265.9	262.3	260.1	259.8	260.3	259.8
10°	279.0	277.0	272.8	267.8	263.9	260.6	256.2	253.7	252.8	253.1	252.6
12.5°	279.5	276.4	271.2	264.8	259.8	255.3	250.3	247.3	246.7	247.3	247.3
15°	280.3	276.4	269.8	262.0	255.3	250.3	245.3	242.6	242.6	242.8	242.8
17.5°	282.0	277.3	268.7	258.9	250.9	245.3	240.9	238.9	239.2	240.1	240.1
20°	283.7	278.4	267.6	255.9	247.0	240.6	237.0	235.6	236.7	237.8	237.8
22.5°	286.2	279.8	266.4	253.1	242.6	236.2	233.1	232.0	233.1	234.5	233.9
25°	290.1	282.3	265.6	250.6	238.4	231.4	228.4	227.3	227.8	228.9	228.9
27.5°	294.5	285.3	265.3	247.6	233.4	225.9	222.3	220.6	220.6	220.9	221.2
30°	302.0	290.6	266.4	245.3	228.9	220.0	215.3	212.8	212.5	213.7	213.7
32.5°	310.9	297.8	269.2	243.4	224.5	213.1	206.7	204.8	204.2	205.0	204.2
35°	320.9	305.9	272.8	243.1	220.0	205.6	198.4	196.2	194.5	193.9	193.4
37.5°	335.1	317.0	276.4	241.7	215.6	197.5	189.8	185.0	183.1	182.5	182.5
40°	349.0	327.9	280.9	239.5	210.3	189.5	178.4	173.1	172.3	172.3	172.3
42.5°	366.5	342.0	287.0	238.1	203.9	181.4	166.1	160.0	160.0	160.0	159.8
45°	388.1	360.6	294.8	237.6	197.8	171.7	153.1	145.0	144.8	144.5	144.2
47.5°	413.4	380.1	302.3	236.2	190.6	160.0	138.1	129.2	127.3	126.7	125.9
50°	439.5	401.2	310.3	234.2	182.0	146.4	123.9	113.6	109.5	108.1	108.6
52.5°	467.3	421.8	318.1	231.4	171.7	132.8	109.5	98.6	94.5	92.8	92.5
55°	494.6	442.6	325.3	227.8	160.6	118.9	97.2	86.7	83.1	82.5	82.5
57.5°	522.1	462.6	330.9	222.5	148.4	106.7	86.7	78.1	75.6	76.7	76.7
60°	547.1	480.1	333.7	215.3	136.1	95.6	78.4	72.0	70.8	73.6	73.3
62.5°	569.6	491.8	332.3	204.8	124.2	86.1	72.0	67.2	67.5	70.8	71.1
65°	580.4	493.7	324.2	190.3	110.9	78.1	65.3	60.8	61.4	65.0	65.8
67°	577.9	486.2	310.9	173.9	100.0	72.0	61.1	56.7	57.0	60.0	60.3
67.5°	575.1	482.6	307.3	168.9	97.2	70.8	60.0	55.8	56.4	59.2	59.2
70°	538.2	445.9	273.9	143.4	84.2	63.1	54.7	52.0	52.5	54.2	54.2
72.5°	470.4	386.2	221.7	115.0	71.4	55.8	49.5	47.8	47.8	47.8	46.4
75°	300.1	242.0	145.0	88.1	58.9	47.8	44.5	42.5	41.4	43.1	42.5
77.5°	165.9	126.4	75.6	50.6	42.5	39.7	38.6	37.8	37.5	41.4	40.3
80°	78.6	62.5	42.5	28.9	24.4	29.5	33.3	32.8	39.2	53.6	53.9
82.5°	25.0	20.6	17.2	15.8	16.4	21.1	25.8	29.7	50.8	57.5	56.7
85°	3.1	2.8	1.9	6.4	10.8	15.6	20.0	38.6	46.7	38.9	36.7
87.5°	1.1	1.1	1.1	4.4	8.3	11.9	18.1	38.9	28.6	26.1	23.9
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)