

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: P1211915

Luminaire Tested: **GKO-PB1B-835-U-T2R**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211915
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1B-835-U-T2R
Description: GEKKO WALL PACK 1500LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE II
ROADWAY DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

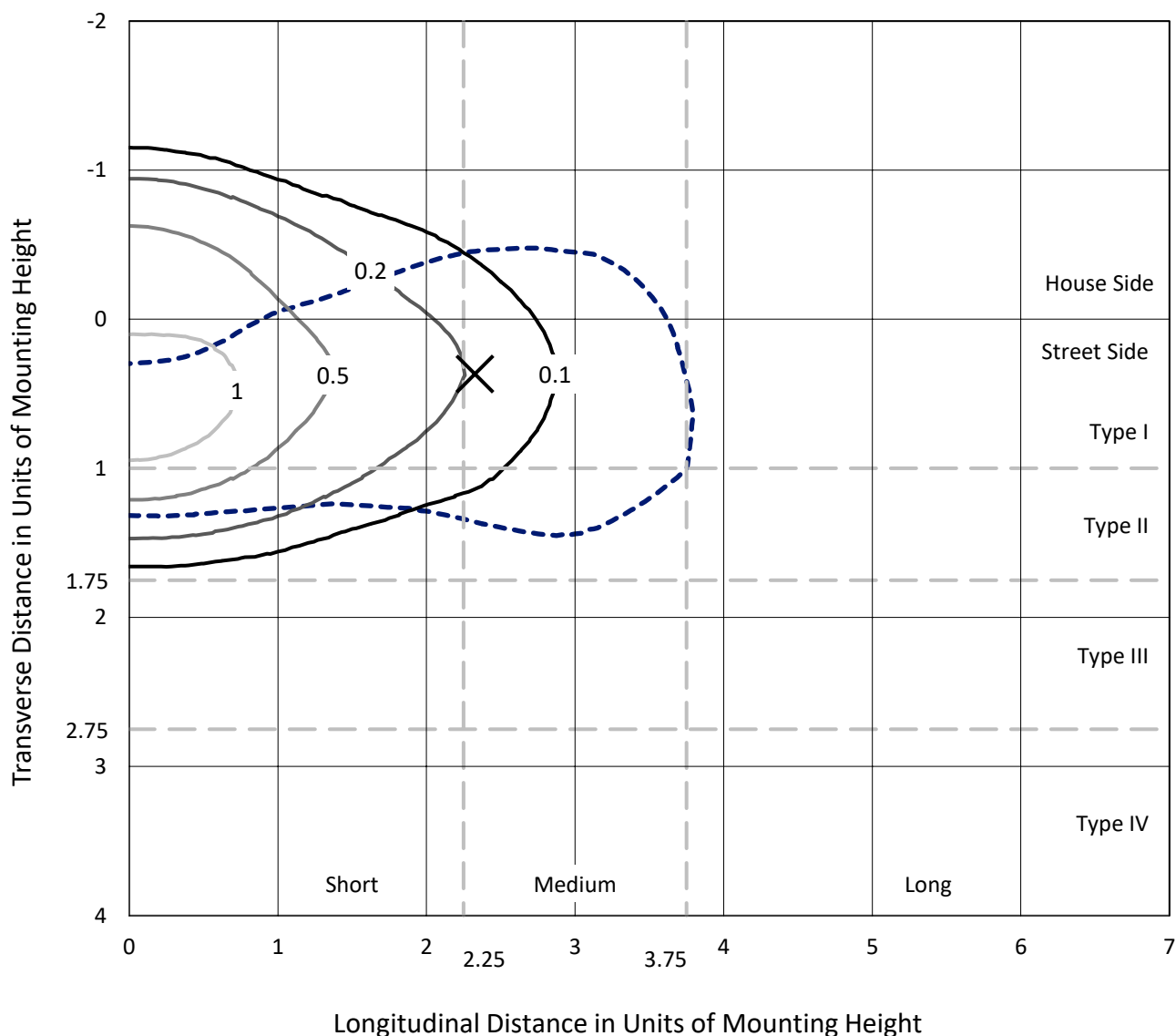
Lumens per Lamp: N/A
Luminaire Lumens: 1357.5 lumens
Efficiency: N/A
Efficacy: 146.0 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G0

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

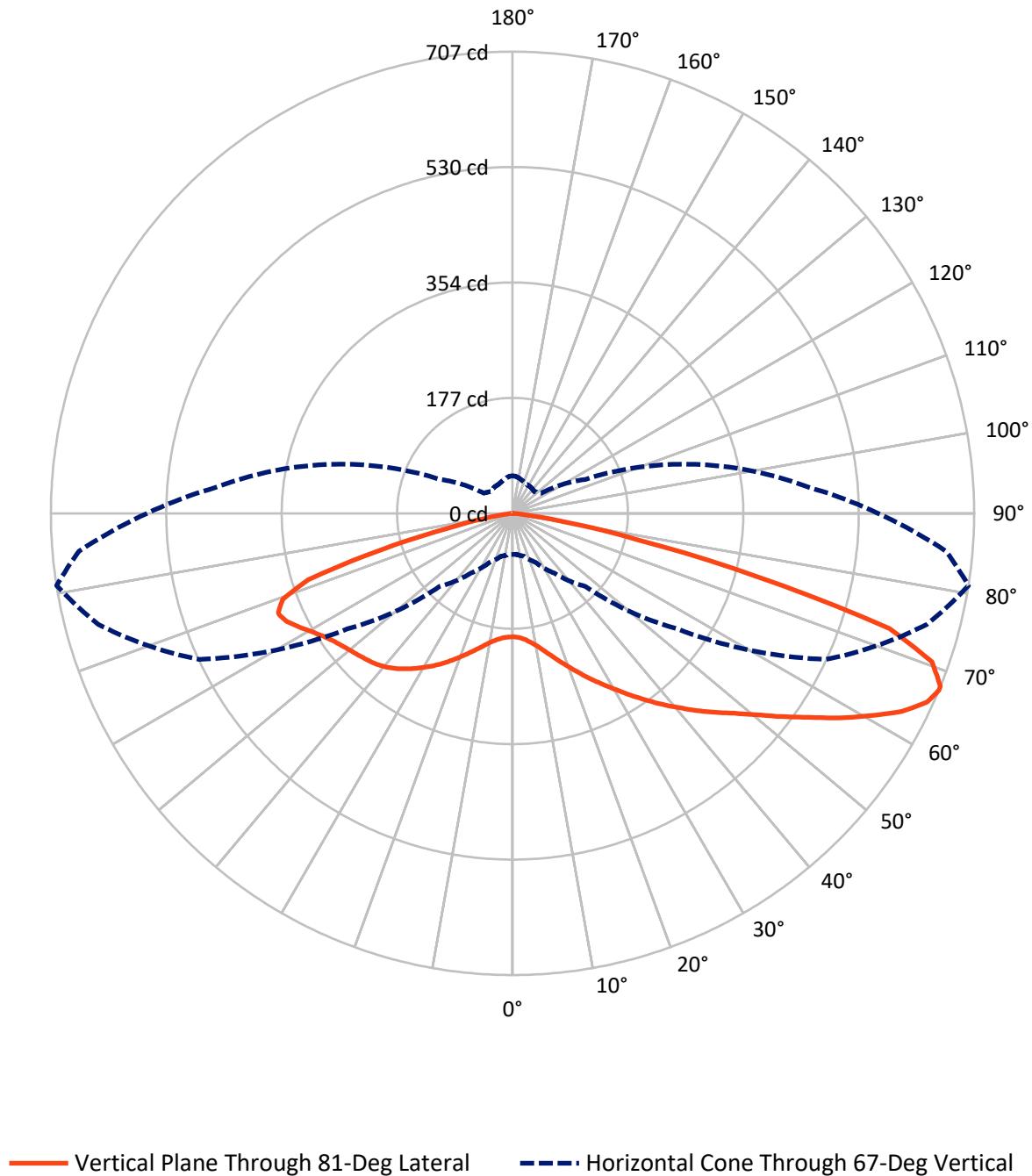
× Max cd
 --- 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.6 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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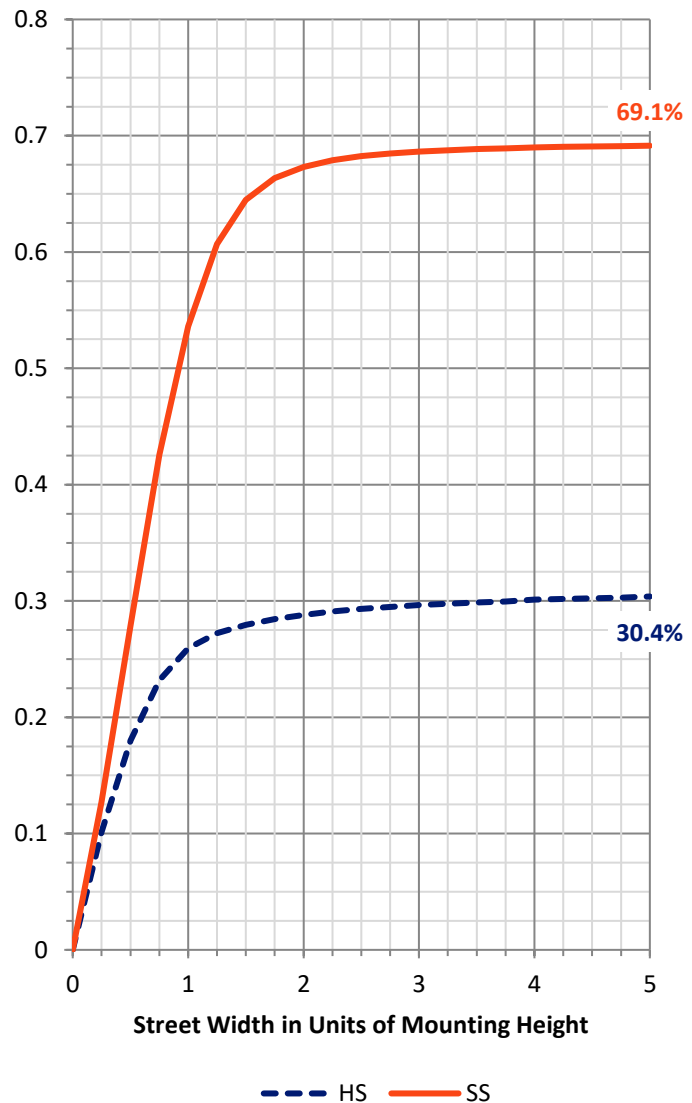
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	419.2	0.0	419.2
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	938.3	0.0	938.3
	% Fixture	69.1	0.0	69.1
Total	Lumens	1357.5	0.0	1357.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.6	1.4
10°-20°	70.9	5.2
20°-30°	143.6	10.6
30°-40°	226.5	16.7
40°-50°	278.1	20.5
50°-60°	265.7	19.6
60°-70°	222.8	16.4
70°-80°	118.0	8.7
80°-90°	12.2	0.9
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°	1357.5	100.0
0°-180°	1357.5	100.0

Coefficient of Utilization



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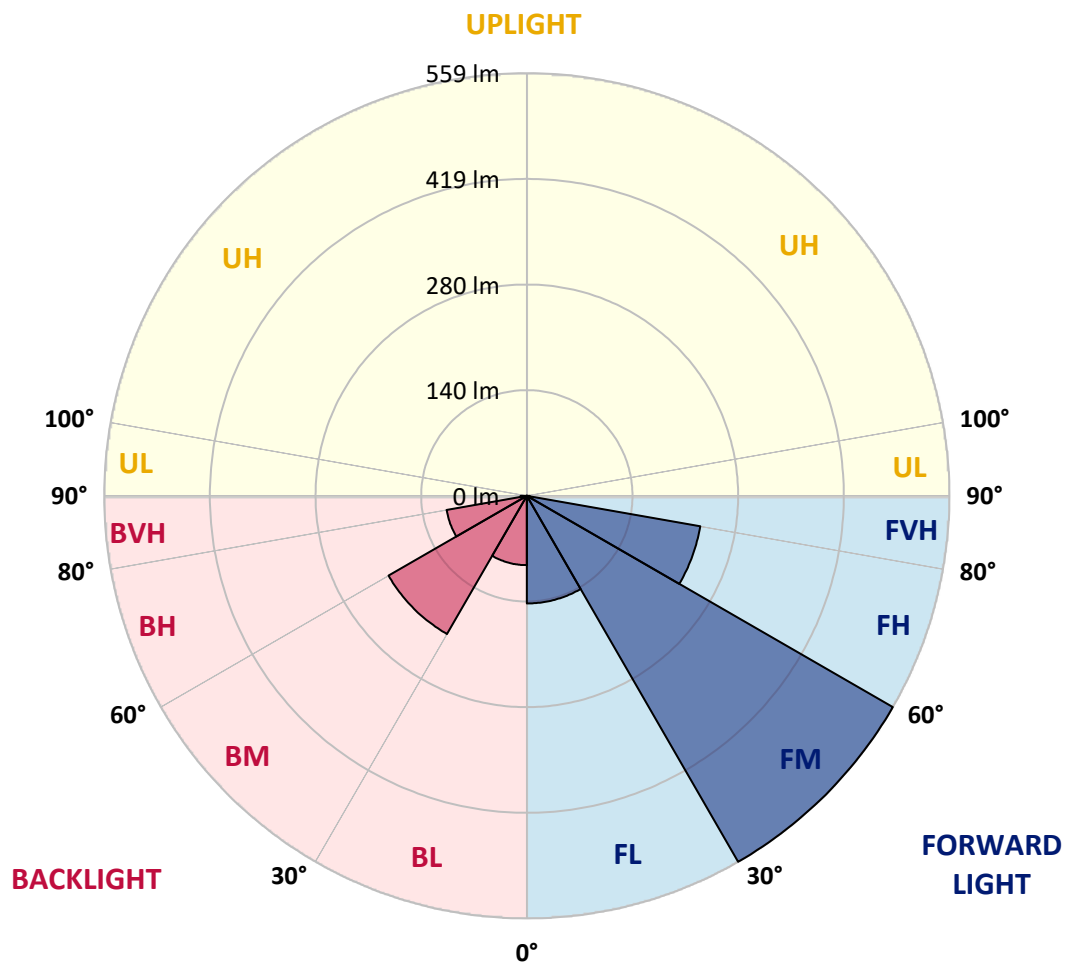
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	142.4	10.5			
FM	(30°-60°)	559.1	41.2			
FH	(60°-80°)	233.0	17.2			G0/660
FVH	(80°-90°)	3.8	0.3			G0/10
BL	(0°-30°)	91.7	6.8	B0/110		
BM	(30°-60°)	211.2	15.6	B0/220		
BH	(60°-80°)	107.8	7.9	B0/110		G0/110
BVH	(80°-90°)	8.4	0.6			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G0

Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	189.1	189.1	189.1	189.1	189.1	189.1	189.1	189.1	189.1	189.1	189.1
2.5°	200.0	200.5	199.5	199.2	198.2	196.6	194.8	193.5	191.4	190.4	189.9
5°	219.0	217.9	217.1	215.9	212.2	209.1	203.9	200.3	196.4	193.8	193.0
7.5°	242.1	242.6	240.0	236.6	231.4	225.2	216.9	210.1	202.9	199.5	197.9
10°	267.3	269.4	266.8	262.6	252.7	243.4	233.3	221.6	211.7	206.5	204.4
12.5°	297.9	299.2	295.9	290.4	278.5	264.4	250.1	235.6	222.6	216.1	212.5
15°	332.2	331.2	327.8	319.8	304.4	288.8	269.4	250.4	235.1	227.0	221.8
17.5°	367.5	366.2	361.8	351.4	334.0	314.6	291.4	267.5	248.3	239.5	232.5
20°	401.3	400.0	396.9	385.2	364.2	340.3	313.3	287.3	263.4	252.5	244.7
22.5°	438.7	437.7	432.7	418.5	395.9	369.6	338.2	307.3	279.7	266.8	257.4
25°	479.2	479.5	474.0	454.0	428.6	397.9	364.9	329.9	298.2	281.8	271.2
27.5°	526.5	526.3	516.9	495.3	463.4	428.1	391.4	353.5	316.4	297.2	284.9
30°	569.4	568.3	557.9	536.4	499.5	459.8	419.5	376.4	336.9	314.0	299.2
32.5°	601.1	601.3	592.7	569.1	533.0	490.7	445.7	402.1	356.6	332.2	315.9
35°	623.9	624.2	615.9	595.6	561.8	519.5	473.5	426.2	378.7	350.9	333.3
37.5°	631.2	631.2	625.7	609.9	582.4	545.5	500.8	453.8	400.8	371.2	350.9
40°	621.3	622.1	621.8	611.4	592.5	563.4	526.0	480.3	425.5	391.2	368.8
42.5°	599.0	599.5	600.3	596.4	590.4	573.0	546.3	507.3	450.1	413.0	386.5
45°	562.1	564.2	568.1	569.6	572.0	570.7	558.7	532.5	477.7	434.8	403.9
47.5°	515.3	518.7	523.9	533.3	546.3	556.6	561.8	552.0	504.4	457.4	423.4
50°	450.4	454.0	468.1	487.5	513.3	533.5	553.3	566.5	534.3	485.0	445.2
52.5°	360.5	368.3	392.0	429.4	473.5	503.7	535.1	573.5	564.7	517.4	471.2
55°	274.3	277.2	307.5	352.5	420.5	471.4	510.1	569.9	593.3	551.4	500.8
57.5°	191.7	194.8	221.3	270.4	345.7	429.4	485.2	557.7	619.2	591.4	534.8
60°	136.1	139.5	159.2	195.6	268.6	368.1	462.1	542.1	641.8	629.4	574.0
62.5°	99.0	100.8	111.2	141.8	194.0	287.8	429.1	532.0	657.7	668.9	614.3
65°	75.8	77.7	83.6	102.9	143.4	210.4	369.9	531.7	661.8	697.9	649.1
67°	63.1	62.9	68.1	82.6	112.0	158.2	308.8	529.6	657.2	707.3	666.8
67.5°	59.7	60.8	64.9	77.1	105.7	145.7	295.6	526.3	655.6	707.0	668.1
70°	47.5	47.8	51.4	61.0	79.5	105.7	212.7	493.0	632.0	681.6	653.5
72.5°	34.8	34.5	40.0	46.2	60.8	76.9	142.6	414.0	580.8	603.9	581.1
75°	25.7	25.5	28.3	35.3	43.4	57.4	92.5	270.1	393.3	384.2	354.8
77.5°	17.1	17.7	20.3	26.0	30.9	35.6	46.2	124.4	216.6	195.9	188.6
80°	10.4	9.6	11.4	14.8	17.9	18.2	19.7	53.8	93.0	88.6	83.1
82.5°	3.6	3.6	4.4	6.0	6.0	6.0	7.3	13.0	18.4	16.9	16.1
85°	0.0	0.0	0.0	0.0	0.5	0.8	0.5	1.0	1.8	2.1	2.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.5	0.8	1.0	1.0
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°	189.1	189.1	189.1	189.1	189.1	189.1	189.1	189.1	189.1	189.1	189.1
2.5°	189.9	189.9	189.1	188.1	187.5	187.3	186.5	185.5	186.2	187.0	187.0
5°	192.5	192.0	190.4	189.4	188.6	188.6	187.5	187.3	188.1	188.8	188.6
7.5°	196.6	195.6	193.8	192.2	192.5	192.7	191.2	191.2	192.0	192.7	192.7
10°	202.3	200.5	198.7	197.4	197.7	197.9	196.4	195.9	196.6	197.4	197.9
12.5°	209.6	207.3	205.2	203.9	203.6	203.9	202.3	201.8	201.8	202.3	202.3
15°	218.2	215.6	213.0	211.2	210.7	210.4	208.3	206.5	206.5	206.8	206.8
17.5°	228.1	224.4	221.0	219.0	217.7	215.9	213.5	210.9	210.1	210.4	210.4
20°	237.9	234.0	229.6	226.8	224.2	221.0	217.4	214.0	212.5	212.5	212.2
22.5°	249.4	244.2	238.2	234.3	229.6	224.4	219.2	214.8	213.3	212.7	212.7
25°	261.0	255.1	246.5	240.5	233.8	226.2	219.5	213.5	210.9	209.9	209.9
27.5°	273.0	266.0	254.8	246.2	236.4	226.0	216.9	209.4	205.7	204.4	203.9
30°	286.5	276.4	262.1	250.4	236.9	223.6	212.0	203.1	197.7	194.6	194.8
32.5°	300.5	287.8	268.8	253.0	236.1	219.2	204.4	193.3	186.2	183.4	182.3
35°	314.8	298.7	274.8	254.3	233.5	212.5	194.8	182.3	174.6	170.4	170.4
37.5°	329.4	310.1	279.0	254.0	228.8	203.6	183.6	170.4	161.3	156.1	154.8
40°	343.6	320.8	282.1	252.0	221.8	193.0	171.7	157.4	145.2	138.4	137.4
42.5°	357.7	329.6	283.6	248.6	213.5	181.3	158.2	139.0	127.3	121.0	120.8
45°	370.4	336.6	283.9	244.2	202.6	168.1	140.0	121.6	109.9	103.4	103.4
47.5°	382.9	344.4	283.6	238.4	190.7	150.9	120.8	102.9	92.2	88.1	86.8
50°	397.9	352.2	283.4	231.4	175.3	130.4	102.1	86.8	77.7	73.5	73.5
52.5°	413.3	361.3	283.9	221.6	157.1	110.4	85.5	72.0	66.0	63.4	63.1
55°	433.0	370.9	285.2	209.9	138.2	90.9	71.2	62.1	57.9	56.6	56.9
57.5°	456.9	384.2	287.8	196.1	116.1	74.5	61.0	56.1	55.1	55.6	55.8
60°	484.2	400.5	291.4	180.5	96.6	62.1	55.1	54.0	55.1	57.1	57.4
62.5°	515.9	420.3	296.1	163.1	77.4	54.5	52.5	53.2	54.0	57.4	57.7
65°	543.9	441.6	297.2	142.6	62.9	49.6	50.9	51.4	53.5	57.4	57.7
67°	559.8	456.1	290.1	123.1	53.8	47.0	48.8	49.4	53.0	56.9	57.4
67.5°	561.6	459.2	285.5	118.2	51.9	46.5	48.3	49.4	53.0	56.9	57.1
70°	556.1	457.2	254.3	89.1	42.9	42.9	44.9	47.3	50.9	55.1	56.9
72.5°	507.5	416.9	196.9	60.5	36.4	38.7	41.8	45.2	48.6	53.5	56.6
75°	320.8	268.3	120.5	40.5	30.4	34.5	39.5	43.4	46.2	49.9	51.9
77.5°	171.4	132.7	51.9	23.9	23.9	30.7	36.6	40.3	41.8	43.1	44.4
80°	81.0	61.8	25.2	14.3	16.6	23.9	32.5	36.4	36.9	38.4	39.0
82.5°	16.1	14.0	8.3	7.5	10.9	17.1	27.0	31.4	31.7	34.3	34.8
85°	2.1	1.8	1.3	2.9	7.0	12.7	20.8	27.0	27.5	27.5	27.0
87.5°	1.0	0.8	0.8	2.1	5.2	9.6	17.1	22.6	22.9	17.9	17.4
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)