

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: P1211815

Luminaire Tested: **GKO-PB1B-850-U-T4W**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1211815
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1B-850-U-T4W
Description: GEKKO WALL PACK 1500LM PACKAGE 80CRI 5000K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (10) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

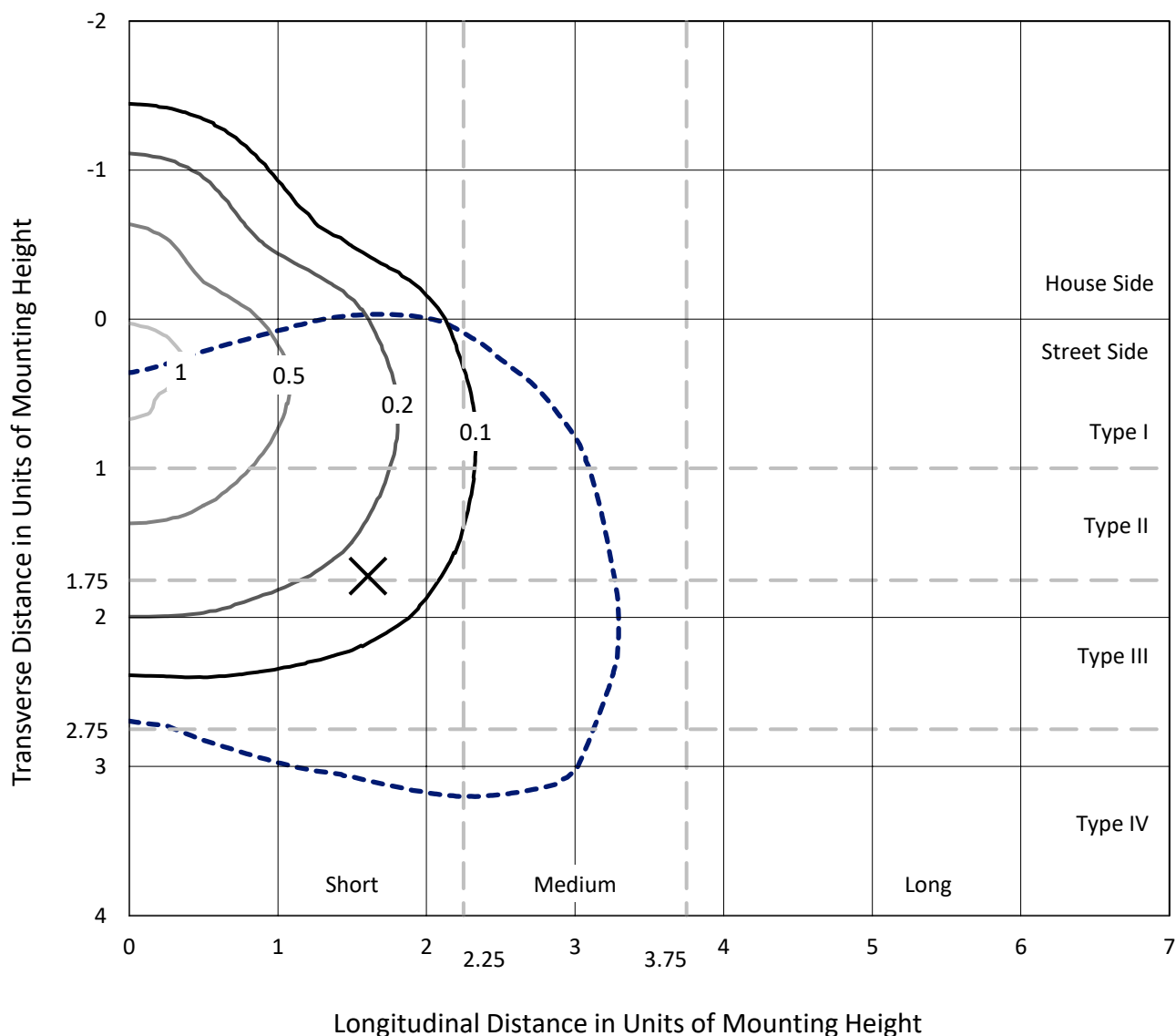
Lumens per Lamp: N/A
Luminaire Lumens: 1339.8 lumens
Efficiency: N/A
Efficacy: 144.1 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G1

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

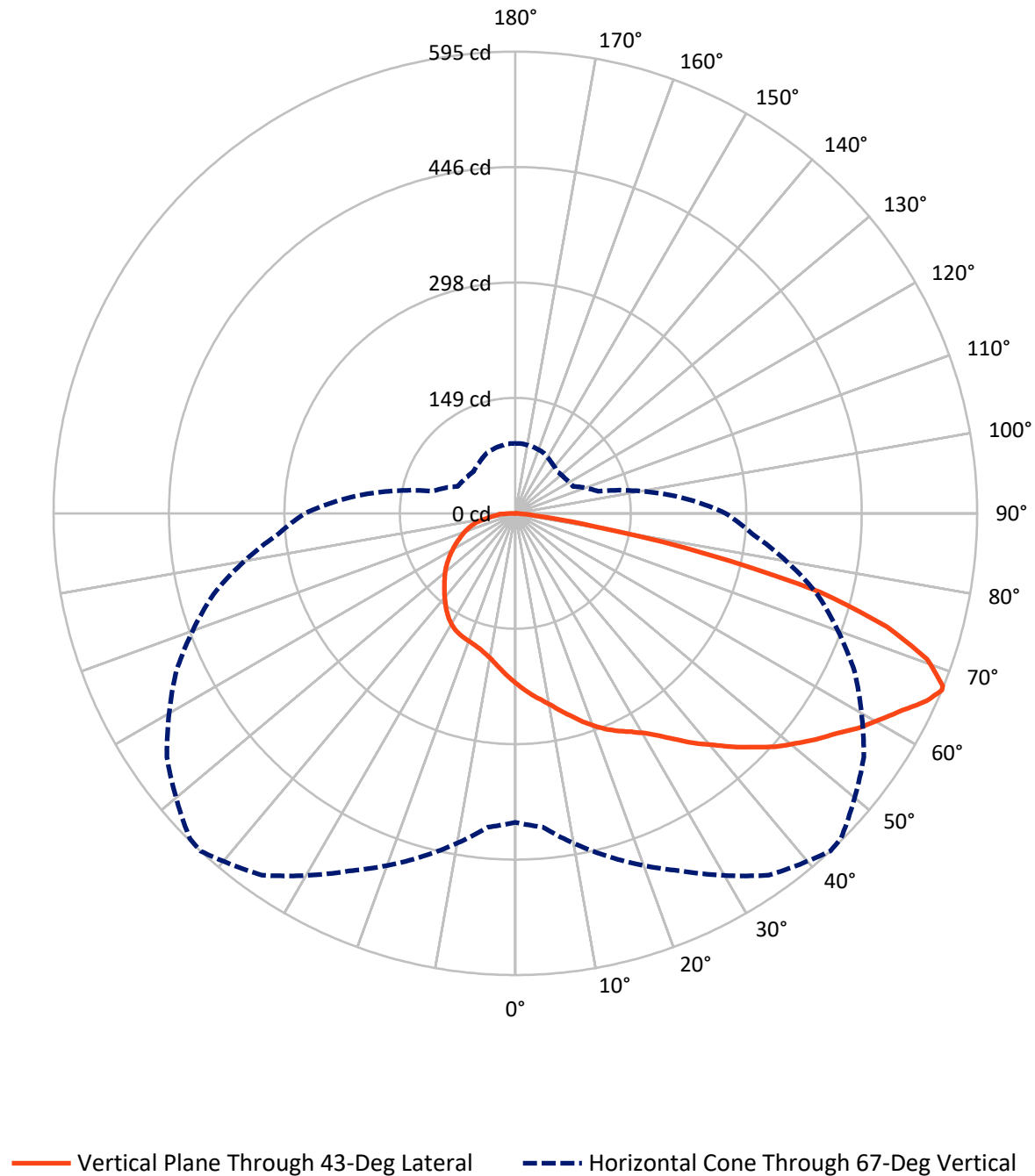
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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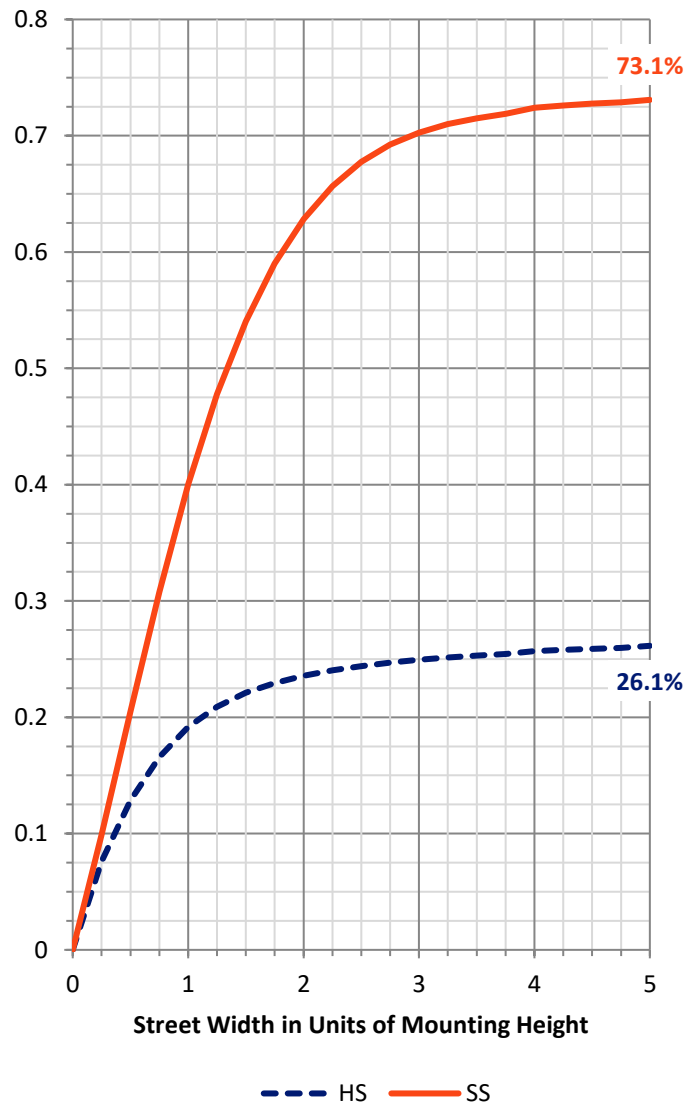
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	360.4	0.0	360.4
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	979.4	0.0	979.4
	% Fixture	73.1	0.0	73.1
Total	Lumens	1339.8	0.0	1339.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.0	1.6
10°-20°	64.6	4.8
20°-30°	111.9	8.3
30°-40°	166.0	12.4
40°-50°	225.5	16.8
50°-60°	276.8	20.7
60°-70°	291.7	21.8
70°-80°	161.0	12.0
80°-90°	21.2	1.6
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°	1339.8	100.0
0°-180°	1339.8	100.0



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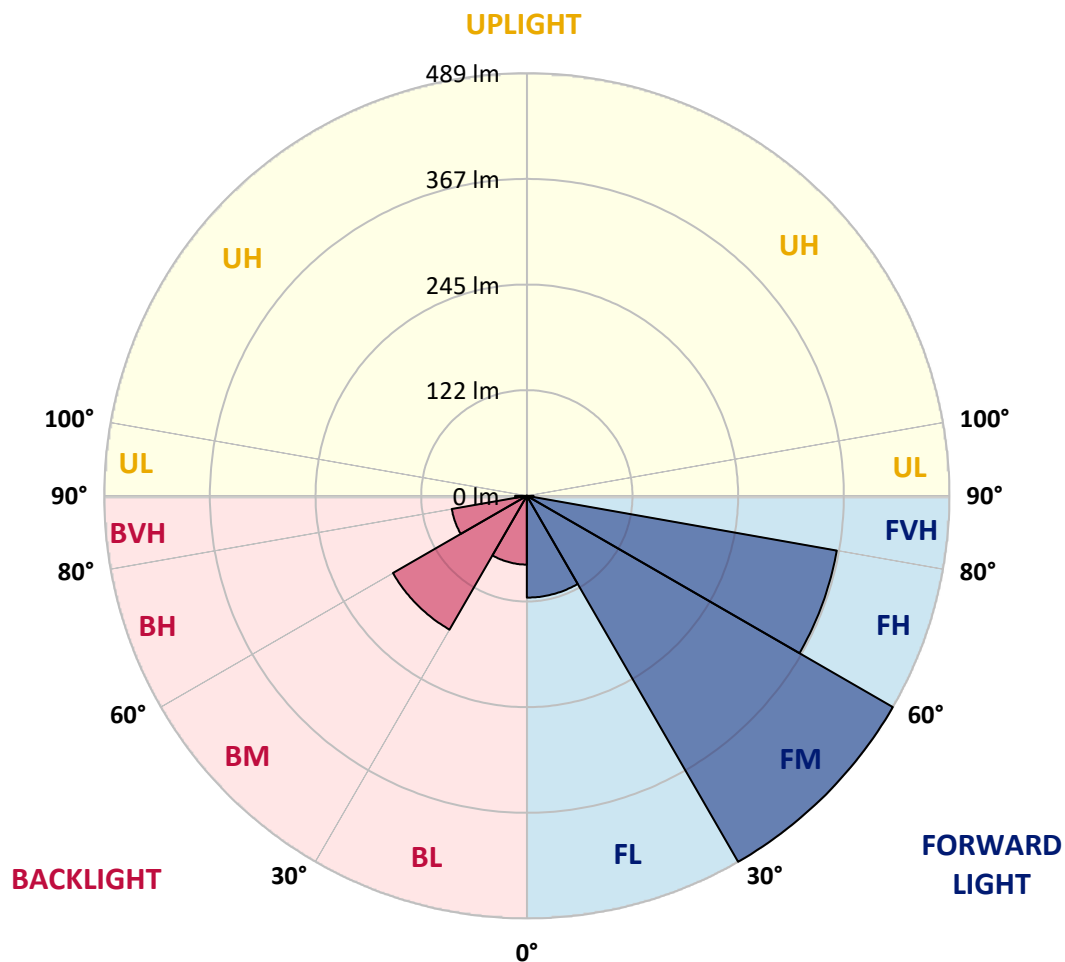
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	117.9	8.8			
FM	(30°-60°)	489.3	36.5			
FH	(60°-80°)	364.5	27.2			G0/660
FVH	(80°-90°)	7.8	0.6			G0/10
BL	(0°-30°)	79.6	5.9	B0/110		
BM	(30°-60°)	179.0	13.4	B0/220		
BH	(60°-80°)	88.3	6.6	B0/110		G0/110
BVH	(80°-90°)	13.5	1.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	219.9	219.9	219.9	219.9	219.9	219.9	219.9	219.9	219.9	219.9	219.9
2.5°	230.1	230.6	230.1	229.6	228.5	227.9	227.4	226.1	224.5	222.0	220.2
5°	240.3	240.3	239.5	238.9	237.3	235.7	234.9	231.7	228.2	224.2	220.4
7.5°	249.7	250.7	249.4	248.1	245.6	243.0	242.4	237.6	232.8	227.4	221.8
10°	261.5	262.3	260.4	259.3	254.8	251.3	250.2	244.3	237.9	231.2	223.9
12.5°	273.5	274.1	272.7	270.3	265.5	261.2	259.6	251.8	243.5	235.5	226.3
15°	284.0	284.5	284.0	281.3	276.8	271.4	269.2	260.7	250.5	240.0	229.3
17.5°	291.8	292.8	292.8	291.5	287.5	282.4	281.0	270.3	258.5	245.4	232.8
20°	298.5	299.0	300.1	299.3	297.1	292.8	291.0	280.8	266.6	251.5	236.3
22.5°	303.8	304.4	306.3	306.0	304.6	302.5	300.6	291.2	276.0	257.7	239.5
25°	313.2	313.0	314.0	313.2	311.6	310.8	309.7	301.4	285.3	265.0	243.8
27.5°	329.6	329.1	328.0	324.0	319.9	318.9	318.1	312.2	296.3	273.3	248.6
30°	353.7	354.3	349.2	340.0	332.0	328.8	327.7	323.7	308.7	282.9	254.0
32.5°	382.4	382.1	373.8	361.0	348.4	341.9	339.8	335.5	321.0	292.6	260.1
35°	403.1	402.5	398.2	386.7	373.6	358.3	354.3	347.6	334.1	303.6	266.3
37.5°	431.0	430.2	421.8	409.8	398.0	376.0	371.4	362.3	346.7	314.3	273.3
40°	462.9	457.8	444.1	431.8	415.7	392.3	388.6	376.8	361.2	327.4	281.3
42.5°	491.8	484.3	466.6	451.1	431.0	411.6	406.8	392.9	375.2	339.5	289.6
45°	535.3	517.0	491.6	482.4	447.6	429.9	425.9	408.7	390.5	352.6	297.9
47.5°	529.9	517.0	508.7	507.7	465.0	449.7	443.8	426.1	406.8	366.6	306.5
50°	540.4	530.2	530.7	517.6	480.8	466.6	462.3	444.4	423.4	380.3	315.6
52.5°	538.2	541.2	539.6	519.2	496.1	484.3	481.1	463.1	439.3	393.4	323.7
55°	555.4	553.8	550.3	530.2	513.0	501.0	498.3	482.7	455.4	404.7	330.7
57.5°	568.0	559.7	559.4	542.5	531.8	521.9	517.6	502.8	470.4	414.6	336.0
60°	560.2	550.3	557.5	544.4	543.3	539.6	537.2	520.5	483.8	422.1	338.2
62.5°	518.6	521.1	542.5	541.7	555.9	559.4	556.7	532.9	492.6	424.8	336.6
65°	463.7	470.9	503.9	532.1	570.7	582.7	580.1	541.7	491.8	418.6	325.8
67°	398.2	406.0	457.5	508.7	569.3	595.1	593.2	548.1	482.2	402.8	306.5
67.5°	383.8	392.6	444.1	498.0	564.5	594.0	592.7	548.7	479.0	395.3	299.0
70°	282.4	292.8	365.5	437.7	525.9	562.9	562.6	528.6	445.7	354.5	259.3
72.5°	175.9	185.3	260.7	341.4	455.6	501.2	499.3	460.5	383.8	289.4	204.6
75°	107.8	113.7	164.1	222.6	330.4	405.7	408.4	359.9	261.7	171.9	115.6
77.5°	66.0	72.4	103.5	137.3	201.9	252.4	252.9	199.5	134.4	93.6	63.3
80°	36.7	38.3	53.9	71.9	103.5	104.1	99.8	88.0	69.7	45.1	32.4
82.5°	14.5	15.6	23.3	29.0	29.5	30.8	28.7	26.0	22.0	14.5	10.2
85°	0.0	0.0	0.0	0.5	1.9	3.8	3.8	2.7	1.1	0.8	0.8
87.5°	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
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°	219.9	219.9	219.9	219.9	219.9	219.9	219.9	219.9	219.9	219.9	219.9
2.5°	219.6	219.4	217.5	215.3	213.7	212.4	211.1	209.4	209.4	210.0	209.7
5°	219.1	217.8	214.3	210.5	207.6	204.9	202.5	200.3	200.1	200.3	200.6
7.5°	219.4	217.0	211.6	206.0	201.1	197.6	194.2	192.5	192.3	192.3	192.3
10°	220.4	217.0	209.7	201.9	196.0	190.9	187.2	185.6	185.8	186.1	186.4
12.5°	222.3	217.5	208.4	198.4	190.9	185.8	182.1	180.7	181.8	183.2	183.4
15°	224.2	218.6	207.0	195.5	186.9	181.3	178.6	178.3	180.2	182.6	183.2
17.5°	226.3	219.4	205.4	191.7	182.6	178.1	176.7	177.5	180.5	184.2	185.0
20°	228.5	220.4	203.5	188.3	178.6	175.4	176.2	178.6	182.4	186.9	187.7
22.5°	230.6	221.2	201.1	184.0	174.3	173.2	176.2	180.2	184.0	189.1	190.1
25°	233.0	222.3	198.2	178.6	170.0	170.8	175.9	180.7	184.8	190.1	191.5
27.5°	236.8	223.9	195.2	173.8	165.2	167.9	174.6	180.5	184.8	189.9	191.5
30°	240.6	225.5	192.8	168.7	160.4	163.9	171.9	179.1	183.4	188.0	190.1
32.5°	244.8	227.7	190.7	163.6	155.0	159.3	168.1	176.2	181.3	185.3	187.5
35°	249.4	230.9	189.1	159.0	149.6	153.4	162.5	172.4	177.5	181.3	183.2
37.5°	255.3	234.4	188.0	154.5	144.0	147.2	156.6	167.1	173.0	175.9	178.3
40°	261.7	239.5	188.0	150.7	138.6	140.8	150.4	161.7	167.6	170.0	172.4
42.5°	268.2	244.6	187.7	147.0	133.0	134.6	144.3	155.8	161.4	163.3	165.2
45°	275.7	250.5	187.5	142.7	126.8	128.5	138.4	149.9	155.3	156.9	158.5
47.5°	283.7	256.4	186.4	137.3	121.2	122.6	132.5	143.2	148.6	150.4	152.1
50°	291.0	262.0	183.7	131.1	116.1	117.5	126.3	135.2	140.0	142.1	143.7
52.5°	297.4	266.0	179.4	124.2	110.5	112.1	118.8	126.6	130.3	131.9	133.0
55°	302.5	268.2	172.4	117.5	105.1	105.9	111.3	118.3	121.2	121.5	122.3
57.5°	306.0	267.9	163.1	109.7	99.8	100.0	103.8	110.0	112.1	111.8	112.4
60°	306.8	264.4	151.8	102.4	94.4	93.6	97.3	101.6	103.0	104.1	105.4
62.5°	303.6	256.1	138.9	95.2	89.0	87.7	90.4	94.1	96.3	96.8	97.3
65°	291.8	240.8	123.4	87.7	83.7	81.3	84.2	89.6	93.1	94.1	93.9
67°	271.1	219.4	110.0	82.1	78.3	76.2	80.5	86.1	88.5	90.1	90.1
67.5°	264.4	211.6	105.4	80.2	77.0	75.1	79.1	84.5	87.7	89.6	89.6
70°	224.5	173.5	89.0	70.8	69.2	69.5	74.3	80.2	84.2	86.1	86.1
72.5°	171.1	134.4	72.4	61.7	61.1	63.0	69.2	74.6	79.6	82.9	82.6
75°	97.1	77.5	52.8	50.4	52.6	56.3	64.1	70.0	74.6	77.8	77.5
77.5°	56.6	46.7	36.5	34.6	40.8	49.3	57.4	64.9	68.1	69.2	68.4
80°	28.7	24.4	22.8	23.6	27.4	36.7	50.1	59.0	61.4	62.2	61.4
82.5°	9.1	8.3	9.1	12.1	18.2	29.0	40.5	53.4	56.3	56.3	56.0
85°	0.5	0.5	0.5	5.4	12.6	21.5	31.6	46.7	52.8	52.3	51.5
87.5°	0.3	0.3	0.3	3.5	9.9	18.0	27.9	42.4	50.4	46.7	44.0
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)