

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: P1211775

Luminaire Tested: **GKO-PB1B-827-U-T4W**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211775
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1B-827-U-T4W
Description: GEKKO WALL PACK 1500LM PACKAGE 80CRI 2700K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (10) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1229.6 lumens
Efficiency: N/A
Efficacy: 132.2 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

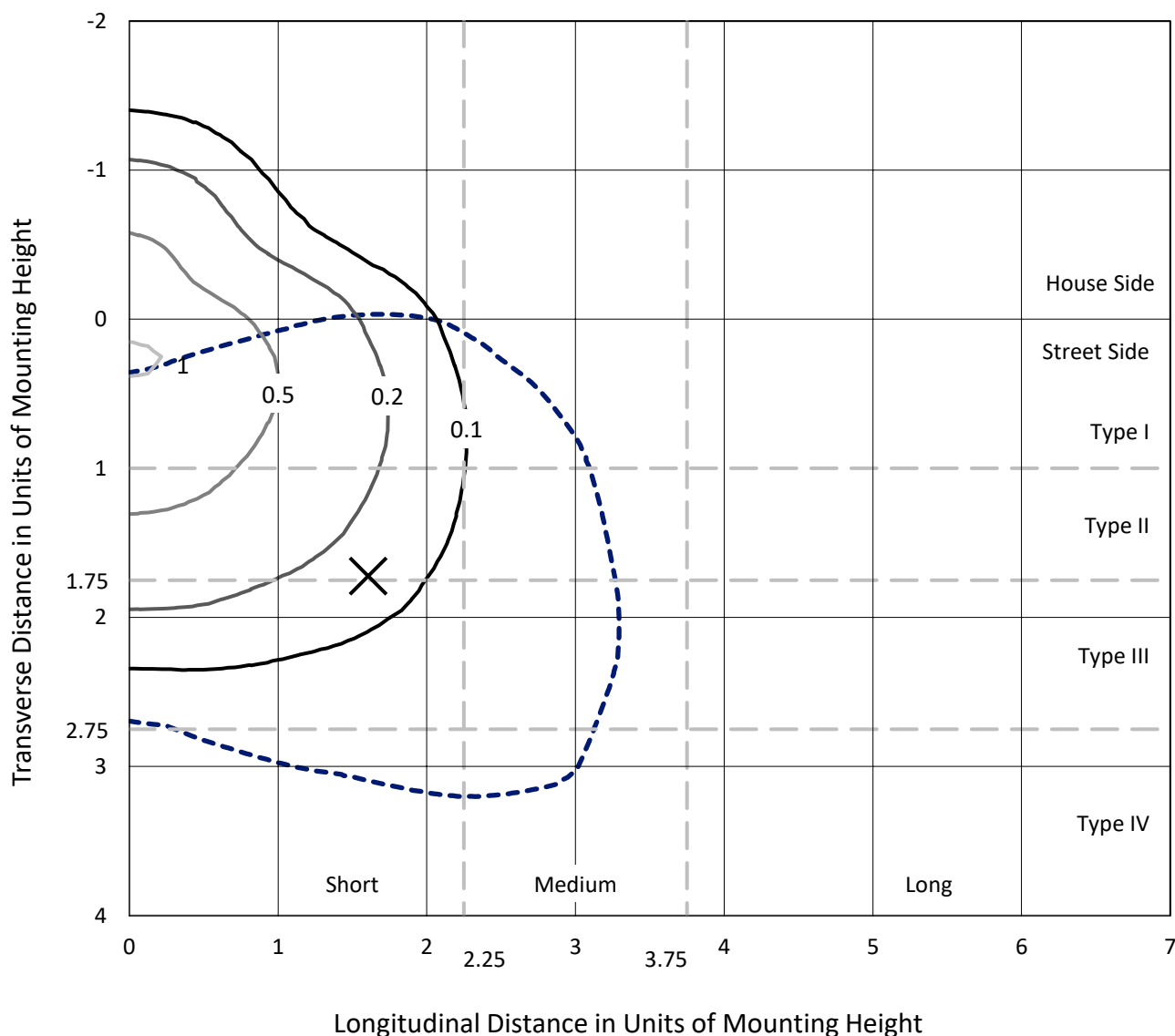
Input Watts (W): 9.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 14%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

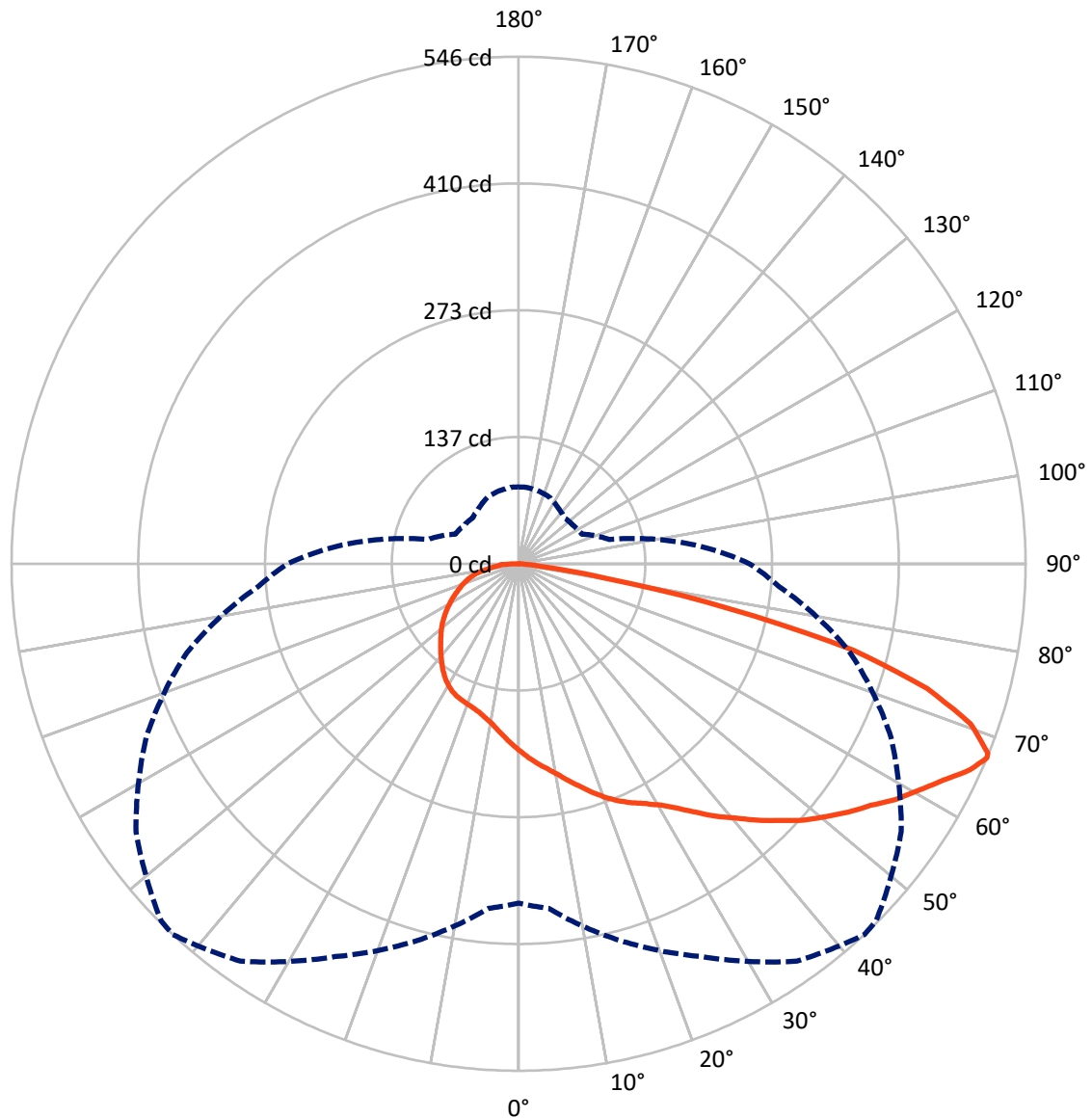


Based on 15 foot mounting height. Maximum calculated value = 1 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 43-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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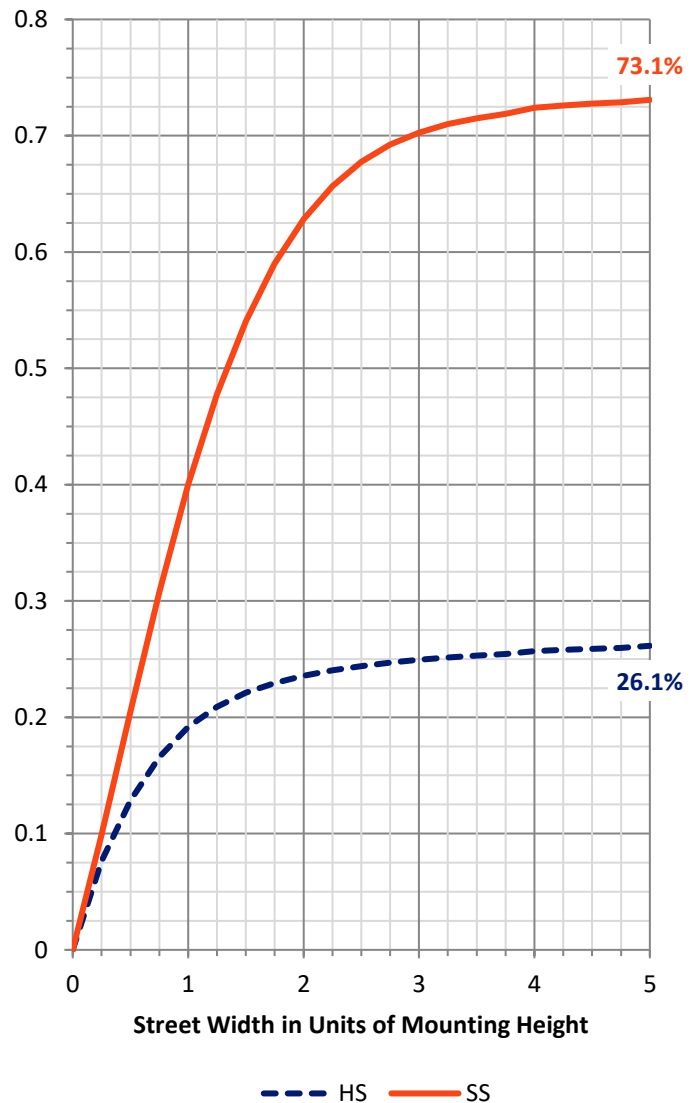
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	330.7	0.0	330.7
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	898.9	0.0	898.9
	% Fixture	73.1	0.0	73.1
Total	Lumens	1229.6	0.0	1229.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.3	1.6
10°-20°	59.3	4.8
20°-30°	102.7	8.3
30°-40°	152.3	12.4
40°-50°	206.9	16.8
50°-60°	254.0	20.7
60°-70°	267.8	21.8
70°-80°	147.8	12.0
80°-90°	19.5	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°	1229.6	100.0
0°-180°	1229.6	100.0



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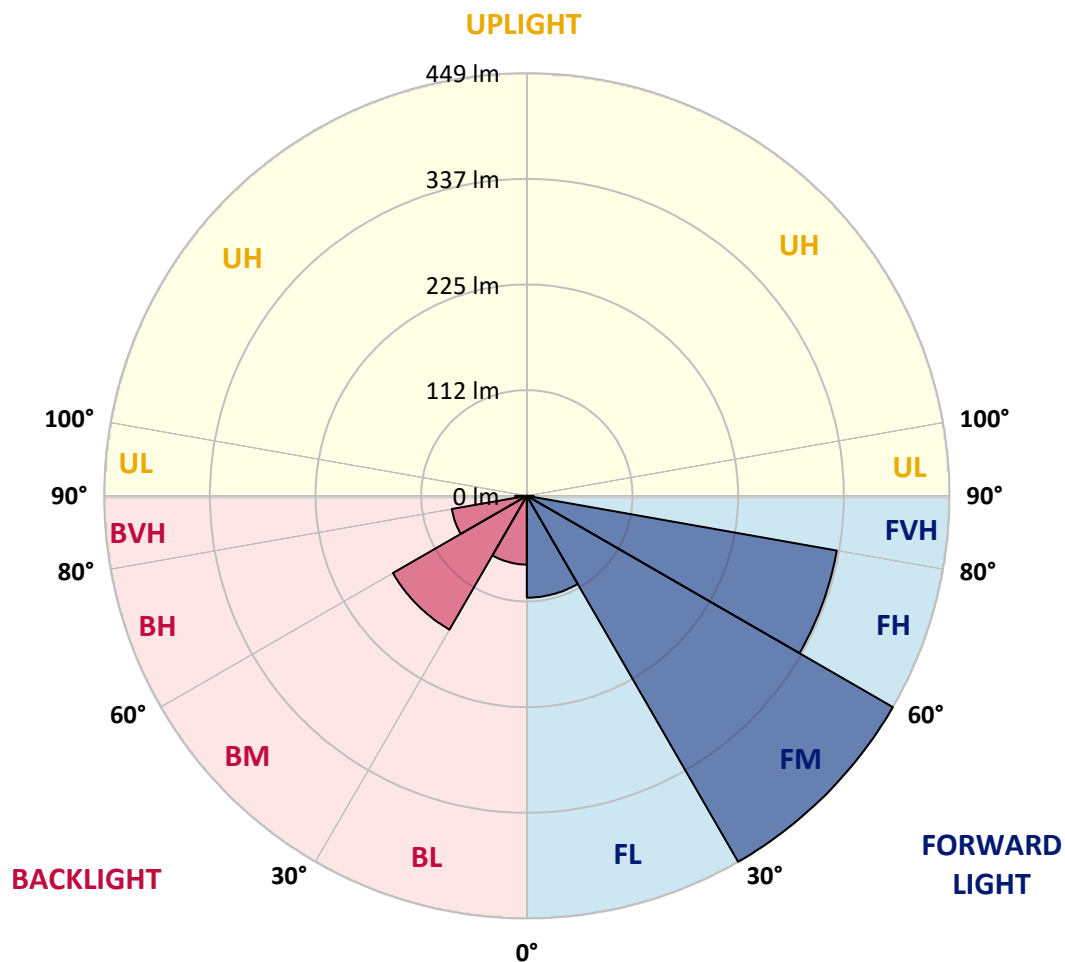
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	108.2	8.8			
FM	(30°-60°)	449.1	36.5			
FH	(60°-80°)	334.5	27.2			G0/660
FVH	(80°-90°)	7.1	0.6			G0/10
BL	(0°-30°)	73.1	5.9	B0/110		
BM	(30°-60°)	164.3	13.4	B0/220		
BH	(60°-80°)	81.0	6.6	B0/110		G0/110
BVH	(80°-90°)	12.4	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°	201.8	201.8	201.8	201.8	201.8	201.8	201.8	201.8	201.8	201.8	201.8
2.5°	211.2	211.7	211.2	210.7	209.7	209.2	208.7	207.5	206.0	203.8	202.1
5°	220.5	220.5	219.8	219.3	217.8	216.3	215.6	212.6	209.4	205.8	202.3
7.5°	229.1	230.1	228.9	227.7	225.4	223.0	222.5	218.1	213.6	208.7	203.5
10°	240.0	240.7	239.0	238.0	233.8	230.6	229.6	224.2	218.3	212.2	205.5
12.5°	251.0	251.5	250.3	248.1	243.7	239.7	238.2	231.1	223.5	216.1	207.7
15°	260.6	261.1	260.6	258.2	254.0	249.1	247.1	239.2	229.9	220.3	210.4
17.5°	267.8	268.8	268.8	267.5	263.8	259.2	257.9	248.1	237.3	225.2	213.6
20°	273.9	274.4	275.4	274.7	272.7	268.8	267.0	257.7	244.6	230.9	216.8
22.5°	278.9	279.3	281.1	280.8	279.6	277.6	275.9	267.3	253.3	236.5	219.8
25°	287.5	287.2	288.2	287.5	286.0	285.2	284.3	276.6	261.9	243.2	223.7
27.5°	302.5	302.0	301.0	297.3	293.6	292.6	291.9	286.5	272.0	250.8	228.2
30°	324.6	325.1	320.4	312.1	304.7	301.7	300.8	297.1	283.3	259.7	233.1
32.5°	351.0	350.7	343.1	331.3	319.7	313.8	311.8	307.9	294.6	268.5	238.7
35°	369.9	369.4	365.5	354.9	342.8	328.8	325.1	319.0	306.7	278.6	244.4
37.5°	395.5	394.8	387.1	376.1	365.2	345.1	340.9	332.5	318.2	288.4	250.8
40°	424.8	420.1	407.6	396.2	381.5	360.1	356.6	345.8	331.5	300.5	258.2
42.5°	451.4	444.5	428.2	414.0	395.5	377.8	373.4	360.6	344.3	311.6	265.8
45°	491.2	474.5	451.1	442.8	410.8	394.5	390.8	375.1	358.3	323.6	273.4
47.5°	486.3	474.5	466.9	465.9	426.8	412.7	407.3	391.1	373.4	336.4	281.3
50°	495.9	486.6	487.1	475.0	441.3	428.2	424.3	407.8	388.6	349.0	289.7
52.5°	494.0	496.7	495.2	476.5	455.3	444.5	441.5	425.0	403.1	361.1	297.1
55°	509.7	508.2	505.0	486.6	470.8	459.7	457.3	443.0	417.9	371.4	303.5
57.5°	521.3	513.6	513.4	497.9	488.0	478.9	475.0	461.5	431.7	380.5	308.4
60°	514.1	505.0	511.7	499.6	498.6	495.2	493.0	477.7	444.0	387.4	310.4
62.5°	476.0	478.2	497.9	497.2	510.2	513.4	510.9	489.0	452.1	389.8	308.9
65°	425.5	432.2	462.5	488.3	523.7	534.8	532.4	497.2	451.4	384.2	299.0
67°	365.5	372.6	419.9	466.9	522.5	546.1	544.4	503.1	442.5	369.7	281.3
67.5°	352.2	360.3	407.6	457.0	518.1	545.1	543.9	503.6	439.6	362.8	274.4
70°	259.2	268.8	335.5	401.7	482.6	516.6	516.4	485.1	409.0	325.4	238.0
72.5°	161.5	170.1	239.2	313.3	418.2	460.0	458.3	422.6	352.2	265.6	187.8
75°	98.9	104.4	150.6	204.3	303.2	372.4	374.8	330.3	240.2	157.8	106.1
77.5°	60.5	66.5	95.0	126.0	185.3	231.6	232.1	183.1	123.3	85.9	58.1
80°	33.7	35.2	49.5	66.0	95.0	95.5	91.6	80.7	64.0	41.3	29.8
82.5°	13.3	14.3	21.4	26.6	27.1	28.3	26.3	23.9	20.2	13.3	9.4
85°	0.0	0.0	0.0	0.5	1.7	3.4	3.4	2.5	1.0	0.7	0.7
87.5°	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
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°	201.8	201.8	201.8	201.8	201.8	201.8	201.8	201.8	201.8	201.8	201.8
2.5°	201.6	201.3	199.6	197.6	196.2	194.9	193.7	192.2	192.2	192.7	192.5
5°	201.1	199.8	196.6	193.2	190.5	188.0	185.8	183.8	183.6	183.8	184.1
7.5°	201.3	199.1	194.2	189.0	184.6	181.4	178.2	176.7	176.5	176.5	176.5
10°	202.3	199.1	192.5	185.3	179.9	175.2	171.8	170.3	170.6	170.8	171.1
12.5°	204.0	199.6	191.2	182.1	175.2	170.6	167.1	165.9	166.9	168.1	168.3
15°	205.8	200.6	190.0	179.4	171.5	166.4	163.9	163.7	165.4	167.6	168.1
17.5°	207.7	201.3	188.5	176.0	167.6	163.4	162.2	162.9	165.6	169.1	169.8
20°	209.7	202.3	186.8	172.8	163.9	161.0	161.7	163.9	167.4	171.5	172.3
22.5°	211.7	203.0	184.6	168.8	160.0	159.0	161.7	165.4	168.8	173.5	174.5
25°	213.9	204.0	181.9	163.9	156.0	156.8	161.5	165.9	169.6	174.5	175.7
27.5°	217.3	205.5	179.2	159.5	151.6	154.1	160.2	165.6	169.6	174.3	175.7
30°	220.8	207.0	177.0	154.8	147.2	150.4	157.8	164.4	168.3	172.5	174.5
32.5°	224.7	209.0	175.0	150.1	142.3	146.2	154.3	161.7	166.4	170.1	172.0
35°	228.9	211.9	173.5	145.9	137.3	140.8	149.1	158.3	162.9	166.4	168.1
37.5°	234.3	215.1	172.5	141.8	132.2	135.1	143.7	153.3	158.7	161.5	163.7
40°	240.2	219.8	172.5	138.3	127.2	129.2	138.1	148.4	153.8	156.0	158.3
42.5°	246.1	224.5	172.3	134.9	122.1	123.6	132.4	143.0	148.2	149.9	151.6
45°	253.0	229.9	172.0	130.9	116.4	117.9	127.0	137.6	142.5	144.0	145.5
47.5°	260.4	235.3	171.1	126.0	111.2	112.5	121.6	131.4	136.3	138.1	139.5
50°	267.0	240.5	168.6	120.4	106.6	107.8	115.9	124.0	128.5	130.4	131.9
52.5°	272.9	244.1	164.7	114.0	101.4	102.9	109.0	116.2	119.6	121.1	122.1
55°	277.6	246.1	158.3	107.8	96.5	97.2	102.1	108.5	111.2	111.5	112.2
57.5°	280.8	245.9	149.6	100.7	91.6	91.8	95.2	100.9	102.9	102.6	103.1
60°	281.6	242.7	139.3	94.0	86.6	85.9	89.3	93.3	94.5	95.5	96.7
62.5°	278.6	235.0	127.5	87.4	81.7	80.5	82.9	86.4	88.4	88.8	89.3
65°	267.8	221.0	113.2	80.5	76.8	74.6	77.3	82.2	85.4	86.4	86.1
67°	248.8	201.3	100.9	75.3	71.9	69.9	73.8	79.0	81.2	82.7	82.7
67.5°	242.7	194.2	96.7	73.6	70.6	68.9	72.6	77.5	80.5	82.2	82.2
70°	206.0	159.2	81.7	65.0	63.5	63.7	68.2	73.6	77.3	79.0	79.0
72.5°	157.0	123.3	66.5	56.6	56.1	57.8	63.5	68.4	73.1	76.1	75.8
75°	89.1	71.1	48.5	46.3	48.2	51.7	58.8	64.2	68.4	71.4	71.1
77.5°	51.9	42.8	33.5	31.7	37.4	45.3	52.7	59.6	62.5	63.5	62.8
80°	26.3	22.4	20.9	21.7	25.1	33.7	46.0	54.1	56.4	57.1	56.4
82.5°	8.4	7.6	8.4	11.1	16.7	26.6	37.2	49.0	51.7	51.7	51.4
85°	0.5	0.5	0.5	4.9	11.6	19.7	29.0	42.8	48.5	48.0	47.3
87.5°	0.2	0.2	0.2	3.2	9.1	16.5	25.6	38.9	46.3	42.8	40.4
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)