

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: P1211854

Luminaire Tested: **GKO-PB1C-835-U-T3**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211854
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1C-835-U-T3
Description: GEKKO WALL PACK 2500LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE III
DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

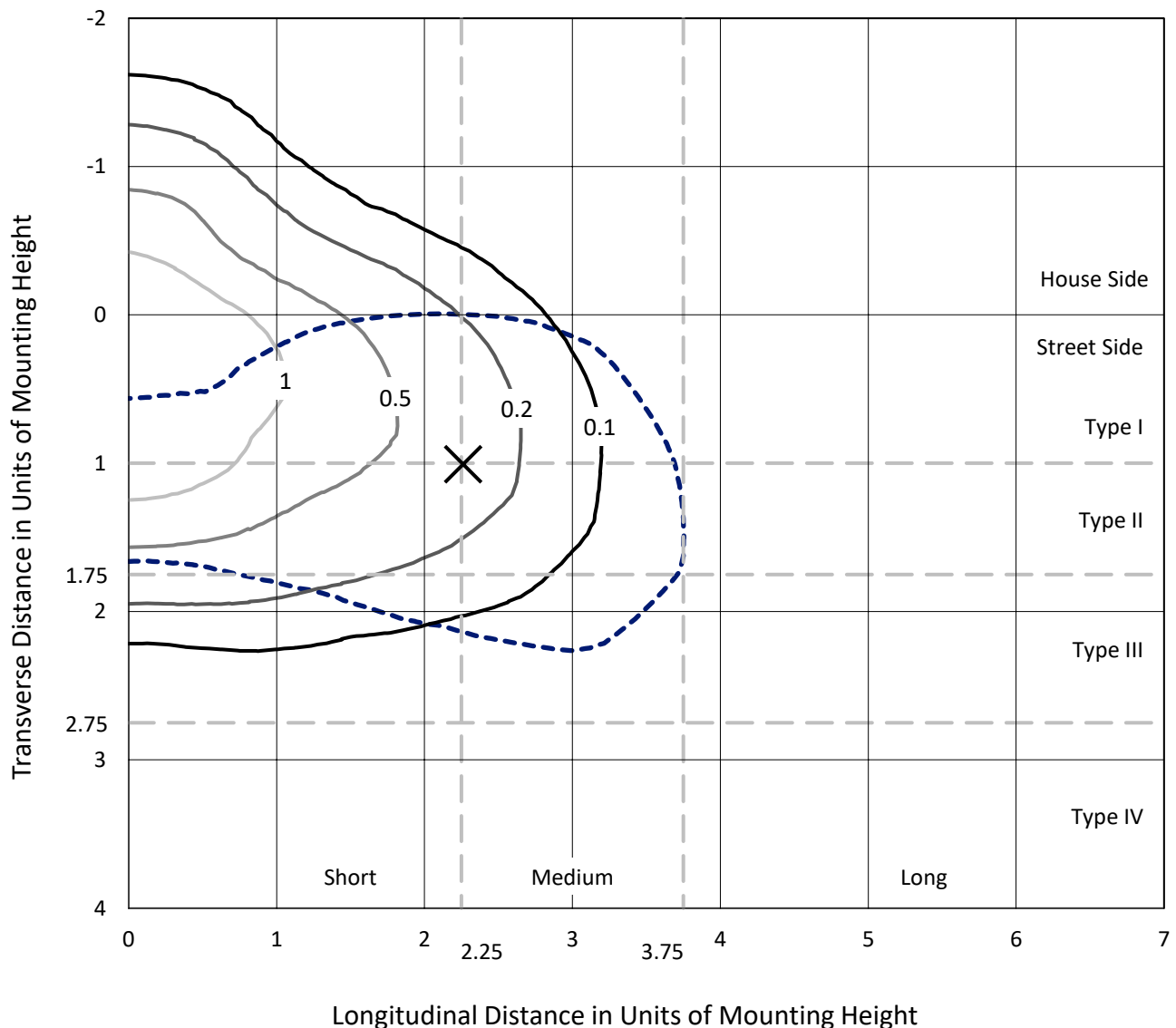
Lumens per Lamp: N/A
Luminaire Lumens: 2296.9 lumens
Efficiency: N/A
Efficacy: 135.1 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

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

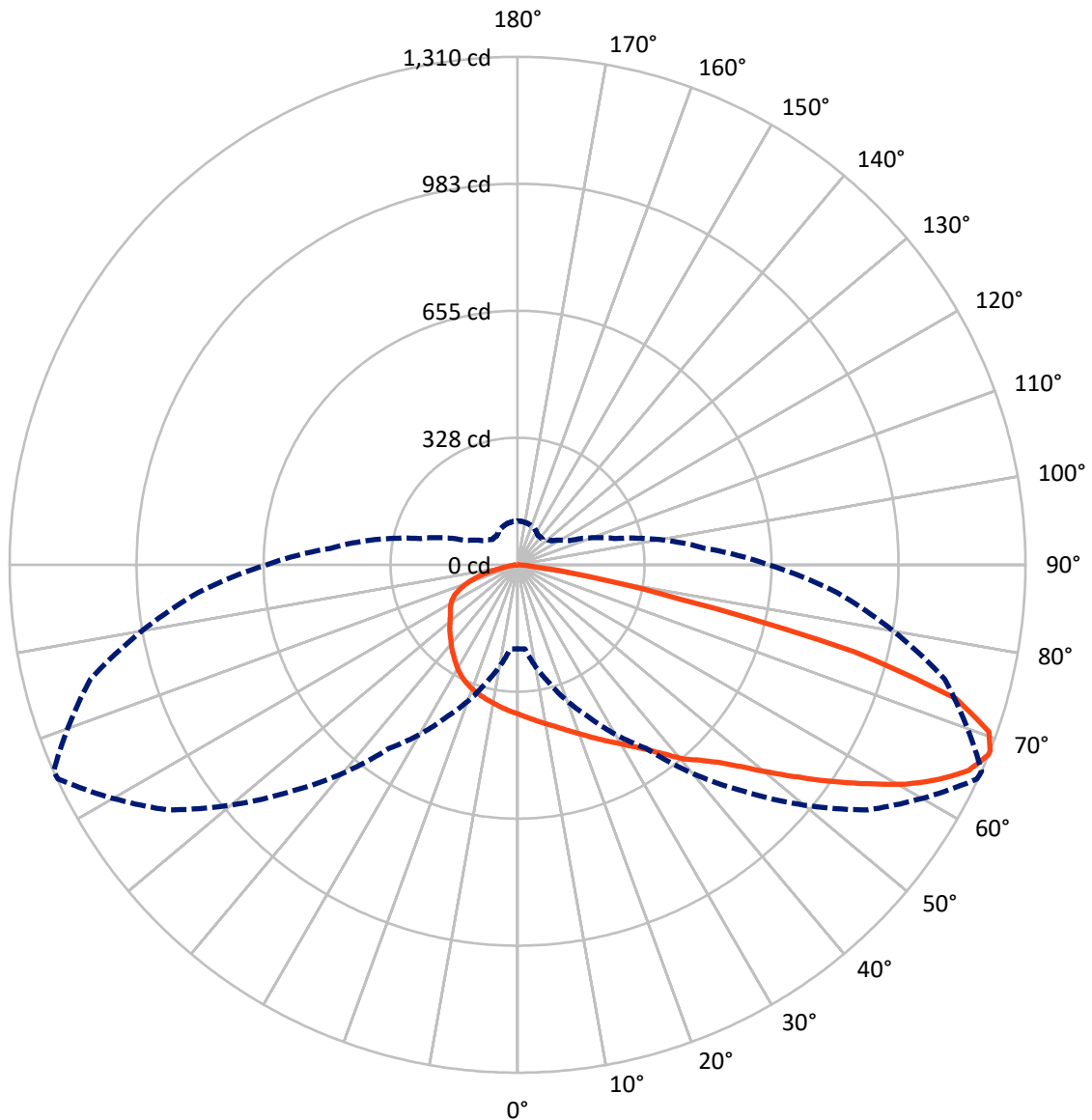
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral - - - Horizontal Cone Through 68-Deg Vertical

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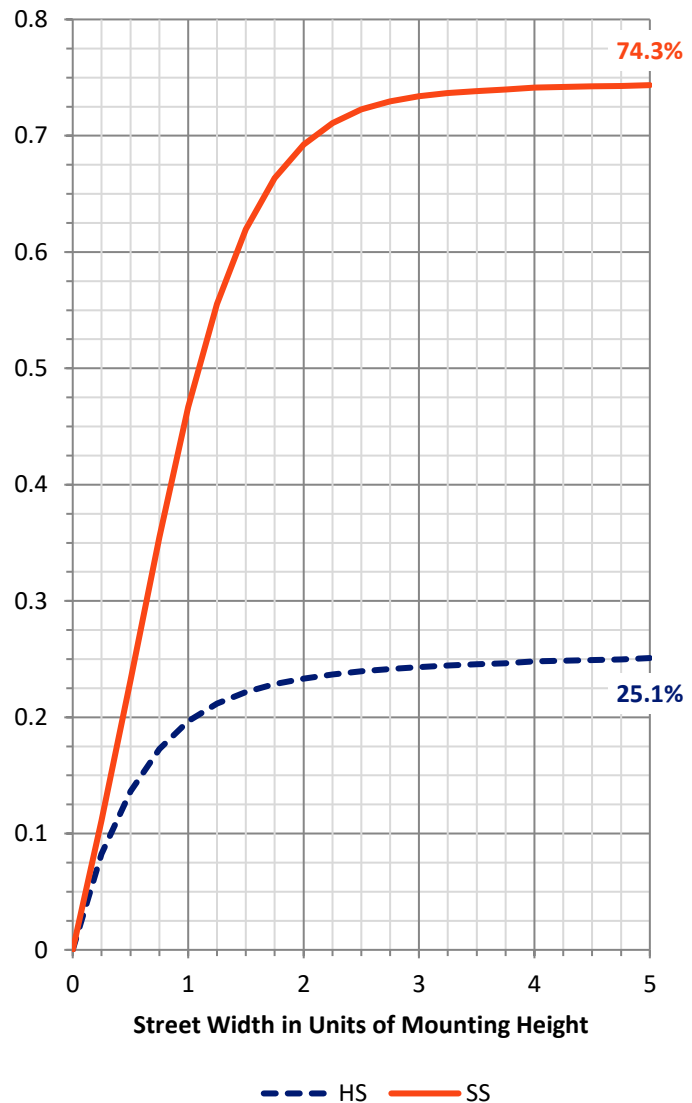
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	588.0	0.0	588.0
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	1708.9	0.0	1708.9
	% Fixture	74.4	0.0	74.4
Total	Lumens	2296.9	0.0	2296.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.0	1.6
10°-20°	111.1	4.8
20°-30°	191.4	8.3
30°-40°	296.9	12.9
40°-50°	406.8	17.7
50°-60°	485.3	21.1
60°-70°	486.3	21.2
70°-80°	257.3	11.2
80°-90°	24.8	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°	2296.9	100.0
0°-180°	2296.9	100.0



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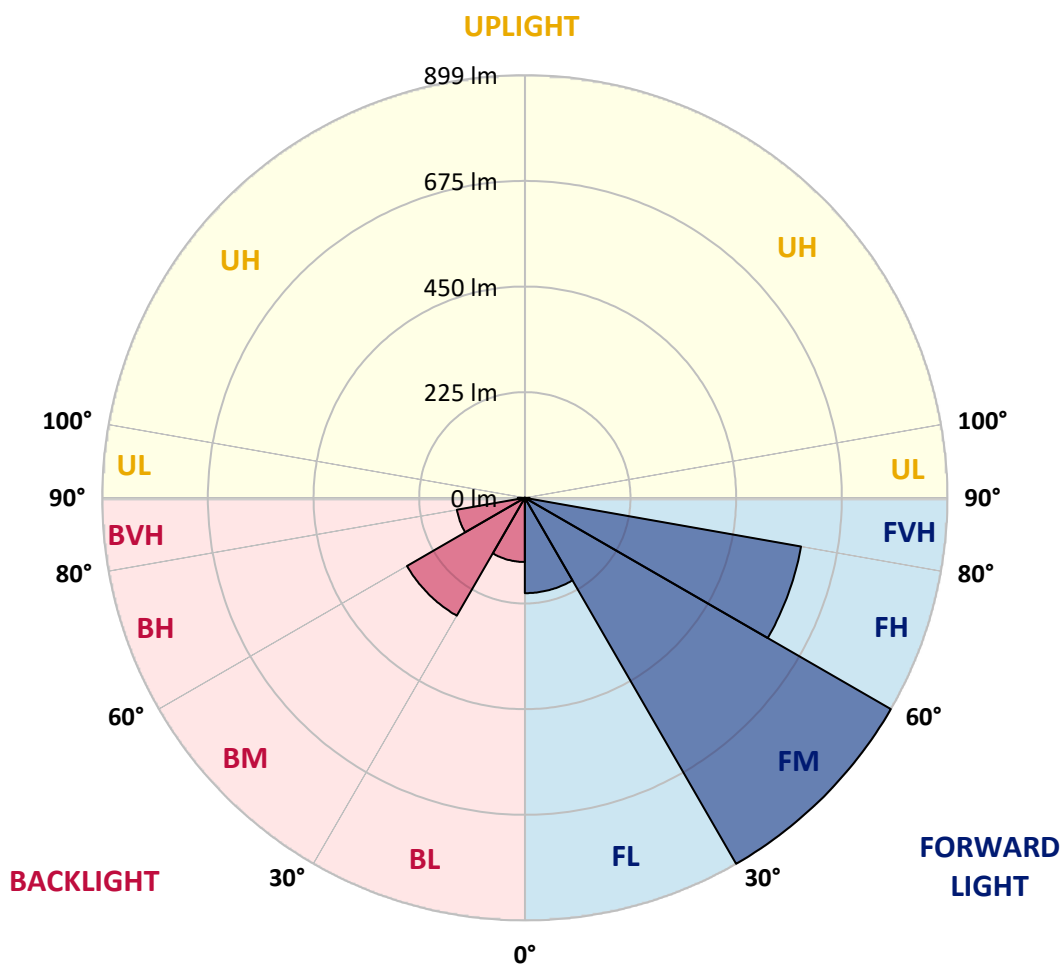
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	202.9	8.8			
FM	(30°-60°)	899.3	39.2			
FH	(60°-80°)	596.9	26.0			G0/660
FVH	(80°-90°)	9.8	0.4			G0/10
BL	(0°-30°)	136.6	5.9	B1/500		
BM	(30°-60°)	289.7	12.6	B1/1000		
BH	(60°-80°)	146.7	6.4	B1/500		G1/500
BVH	(80°-90°)	15.1	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°	385.2	385.2	385.2	385.2	385.2	385.2	385.2	385.2	385.2	385.2	385.2
2.5°	401.3	401.3	400.4	400.0	399.5	396.8	395.0	392.8	392.8	389.3	386.1
5°	415.1	415.6	413.8	413.8	412.0	408.4	404.9	400.4	400.4	395.0	388.8
7.5°	427.2	428.5	426.7	426.7	424.9	420.9	415.1	408.9	408.9	401.3	392.4
10°	438.7	439.6	438.7	439.6	437.0	433.4	426.7	418.2	417.8	408.4	395.9
12.5°	448.1	449.0	449.4	450.8	448.6	445.9	439.6	428.9	427.6	416.4	400.4
15°	457.0	457.9	459.3	461.0	460.6	458.4	452.6	440.5	439.6	425.4	406.2
17.5°	464.2	464.6	467.3	470.8	471.7	472.2	465.9	453.5	452.6	435.6	412.4
20°	474.4	475.3	478.0	481.5	484.2	486.0	481.1	467.3	466.4	447.7	420.5
22.5°	497.6	496.3	497.6	497.6	498.9	501.6	498.0	484.2	482.4	461.9	430.3
25°	541.3	540.0	536.4	528.4	519.4	519.0	515.0	501.6	499.4	476.6	439.6
27.5°	602.4	599.3	592.6	575.6	554.2	540.4	534.2	520.3	517.7	491.4	448.6
30°	667.0	670.6	659.5	636.3	597.0	567.6	555.6	540.0	537.7	507.9	459.3
32.5°	742.4	742.8	731.7	699.6	648.8	601.9	581.4	562.3	560.5	527.0	473.5
35°	786.1	787.9	783.0	753.1	695.1	639.8	612.6	589.4	588.1	551.1	491.4
37.5°	831.6	835.6	828.0	795.0	730.3	675.1	647.4	622.0	620.7	578.7	513.7
40°	898.9	897.1	889.1	840.5	763.3	704.5	681.7	661.7	658.6	612.6	536.4
42.5°	947.5	951.9	934.6	879.7	799.5	733.9	716.1	693.3	689.3	633.1	549.8
45°	964.0	960.0	940.8	900.7	846.7	760.7	748.6	731.2	727.2	669.3	576.1
47.5°	967.6	960.4	943.5	913.2	886.8	795.4	788.3	784.3	778.5	714.7	607.7
50°	945.7	940.8	932.8	917.6	912.7	828.0	831.6	846.3	841.4	763.8	643.0
52.5°	896.2	894.0	901.1	910.9	898.0	856.1	882.8	912.7	910.9	817.7	680.9
55°	803.0	803.0	843.2	877.5	885.1	874.4	938.1	989.4	987.2	878.4	717.0
57.5°	717.9	719.2	752.6	829.8	861.9	894.0	999.7	1069.7	1066.1	946.6	754.9
60°	610.4	610.4	661.2	758.0	828.4	909.1	1054.1	1147.2	1149.5	1012.6	792.3
62.5°	483.3	484.7	555.1	668.8	780.3	911.8	1097.3	1220.4	1219.9	1072.3	821.3
65°	356.3	356.7	452.6	569.8	708.1	893.1	1120.9	1276.5	1279.2	1119.6	838.2
67.5°	231.4	235.9	333.1	462.4	605.9	840.0	1108.5	1306.4	1309.5	1141.4	832.9
68°	216.7	217.6	315.2	432.9	578.3	826.7	1102.7	1307.8	1310.4	1141.0	827.5
70°	140.5	140.5	225.6	338.0	461.5	743.3	1052.3	1286.8	1289.9	1121.4	788.8
72.5°	75.8	77.1	128.9	204.7	315.2	575.2	949.7	1177.6	1182.9	1013.9	689.8
75°	53.1	54.0	74.9	114.6	171.7	374.5	742.4	899.8	898.9	700.5	432.1
77.5°	38.3	38.3	42.8	71.3	90.1	171.2	367.4	433.4	428.5	342.0	218.0
80°	25.0	25.0	26.8	37.5	43.3	52.2	112.4	187.7	191.3	166.8	108.8
82.5°	10.3	10.7	11.6	15.2	15.6	21.8	32.1	54.0	52.2	42.4	30.8
85°	1.3	1.3	1.8	2.2	2.7	4.9	4.5	4.5	4.5	5.4	4.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.3	1.3	1.8	1.3
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°	385.2	385.2	385.2	385.2	385.2	385.2	385.2	385.2	385.2	385.2	385.2
2.5°	385.2	385.2	382.6	379.9	377.2	375.0	371.9	369.6	370.1	371.4	371.0
5°	387.5	385.2	379.9	374.1	369.6	365.6	359.8	356.7	356.3	357.1	356.7
7.5°	388.8	385.2	377.2	368.3	361.2	355.8	347.8	344.7	343.3	343.8	343.8
10°	391.5	385.7	374.5	362.1	353.1	345.6	337.1	332.6	331.3	331.3	330.8
12.5°	394.6	386.6	371.9	356.7	345.1	336.2	326.4	321.5	320.1	320.1	319.7
15°	397.7	387.9	369.2	350.9	337.5	326.8	317.5	311.7	309.9	309.9	310.8
17.5°	401.7	389.3	366.5	345.6	329.5	317.5	307.7	301.9	299.6	301.0	301.9
20°	405.7	391.9	363.8	339.8	321.5	309.0	299.2	293.4	291.2	293.4	293.8
22.5°	411.5	394.2	360.7	333.1	313.5	299.6	290.7	285.4	284.0	286.3	288.0
25°	417.3	396.8	356.7	325.9	303.2	289.8	282.7	278.7	279.1	282.2	284.0
27.5°	423.6	399.1	352.7	317.0	292.0	279.6	274.2	273.3	275.1	278.7	280.9
30°	431.2	402.2	347.3	306.8	279.6	268.4	266.2	268.9	272.0	275.6	277.8
32.5°	441.0	406.2	342.0	295.2	266.6	256.4	259.9	265.7	269.3	272.9	275.1
35°	454.8	414.2	338.9	283.6	252.8	246.1	254.1	263.5	266.2	268.4	271.1
37.5°	470.8	424.9	337.5	272.9	240.3	237.2	248.4	259.5	260.4	261.3	264.0
40°	486.5	432.9	334.0	261.3	227.4	227.4	241.2	251.9	251.5	250.1	251.9
42.5°	492.7	432.1	323.7	250.1	217.1	217.6	230.1	240.3	237.7	237.7	240.3
45°	510.5	439.2	316.1	241.2	207.8	206.0	215.8	223.8	228.3	234.1	236.8
47.5°	533.3	449.0	310.3	231.0	198.9	193.1	198.4	211.8	219.4	225.6	227.8
50°	556.9	460.1	305.0	220.3	189.9	178.4	181.0	195.7	202.4	205.5	206.9
52.5°	581.0	470.4	301.0	211.3	179.7	161.0	166.8	180.6	185.5	187.3	188.2
55°	602.4	478.9	297.4	203.8	168.1	147.1	151.6	165.9	169.4	171.2	172.6
57.5°	625.1	488.2	295.2	196.6	155.2	135.1	138.2	151.2	156.1	157.8	159.2
60°	645.2	497.2	293.4	189.1	143.1	124.4	126.2	138.7	144.0	144.9	146.2
62.5°	658.6	502.9	290.7	179.7	132.0	114.1	114.6	126.6	132.4	133.3	134.2
65°	662.1	501.6	282.7	167.2	120.8	103.9	103.9	115.5	121.7	124.8	126.2
67.5°	651.4	490.5	265.7	151.2	110.1	94.5	94.5	104.8	111.5	115.0	116.4
68°	647.9	485.6	260.4	147.1	107.5	92.3	92.3	103.0	109.2	112.4	113.3
70°	617.5	461.5	235.9	132.0	99.0	85.6	85.6	95.0	101.7	101.7	101.2
72.5°	536.4	400.0	194.0	110.6	86.5	75.8	77.1	86.1	88.3	90.5	90.1
75°	332.2	239.4	130.2	87.4	72.7	66.4	69.1	77.1	78.5	83.4	82.0
77.5°	166.3	117.3	69.1	50.8	56.2	57.1	62.0	67.8	71.8	77.1	73.6
80°	82.0	57.1	40.6	31.7	33.0	41.9	54.0	58.4	65.5	69.1	66.0
82.5°	22.7	17.4	16.5	17.4	24.5	32.5	42.4	51.7	61.1	64.2	59.7
85°	4.0	3.1	2.7	8.5	16.9	24.1	34.3	45.9	54.8	52.6	49.5
87.5°	1.3	0.9	0.9	5.4	12.5	19.6	29.4	41.0	46.8	42.4	37.9
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)