

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: P1211865

Luminaire Tested: **GKO-PB1B-840-U-T3**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211865
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1B-840-U-T3
Description: GEKKO WALL PACK 1500LM PACKAGE 80CRI 4000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (10) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

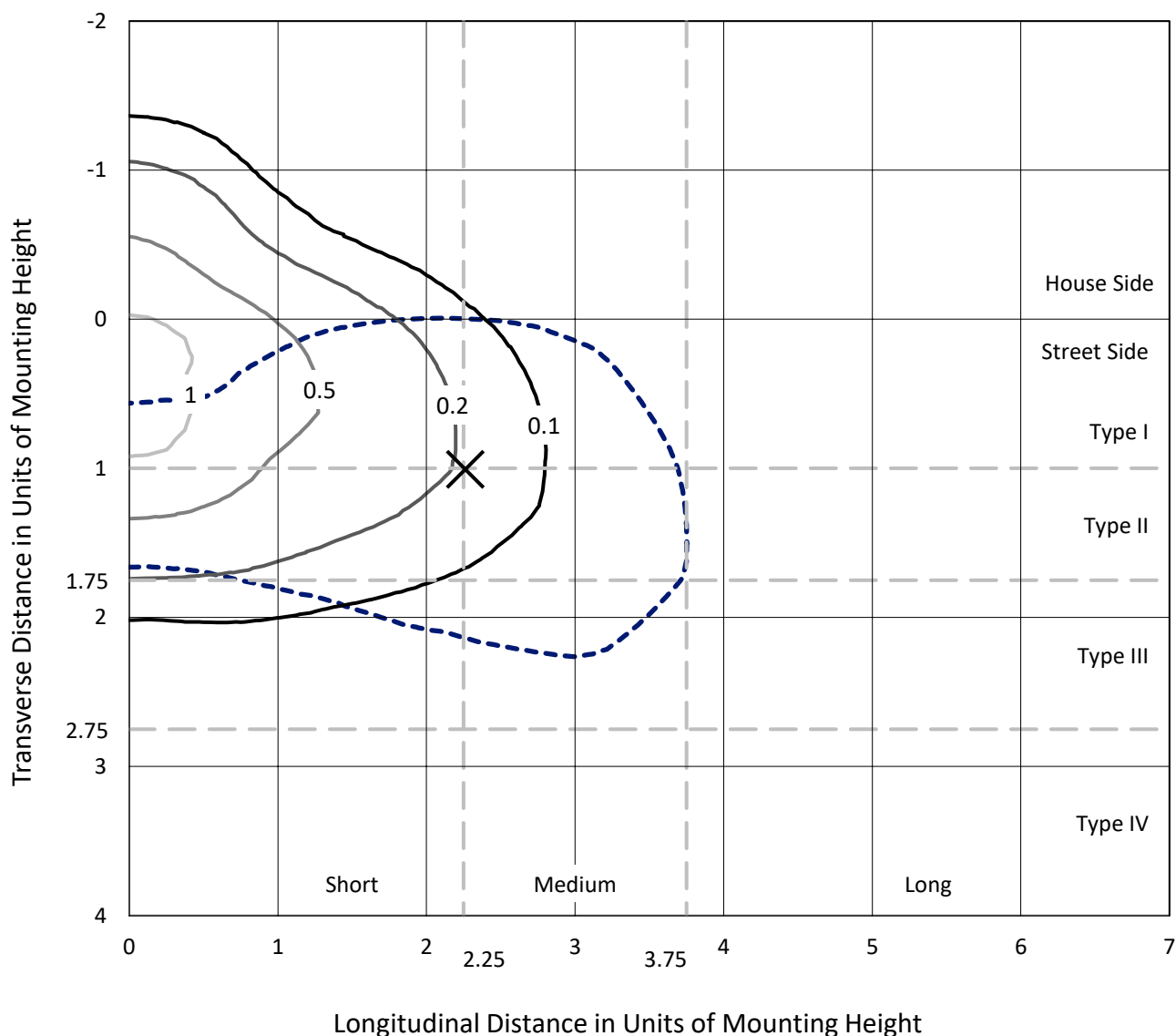
Lumens per Lamp: N/A
Luminaire Lumens: 1381.4 lumens
Efficiency: N/A
Efficacy: 148.5 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B0 - U0 - G0

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

REPORT NUMBER: P1211865
 CATALOG NUMBER: GKO-PB1B-840-U-T3

Iso-Footcandle Lines of Horizontal Illumination

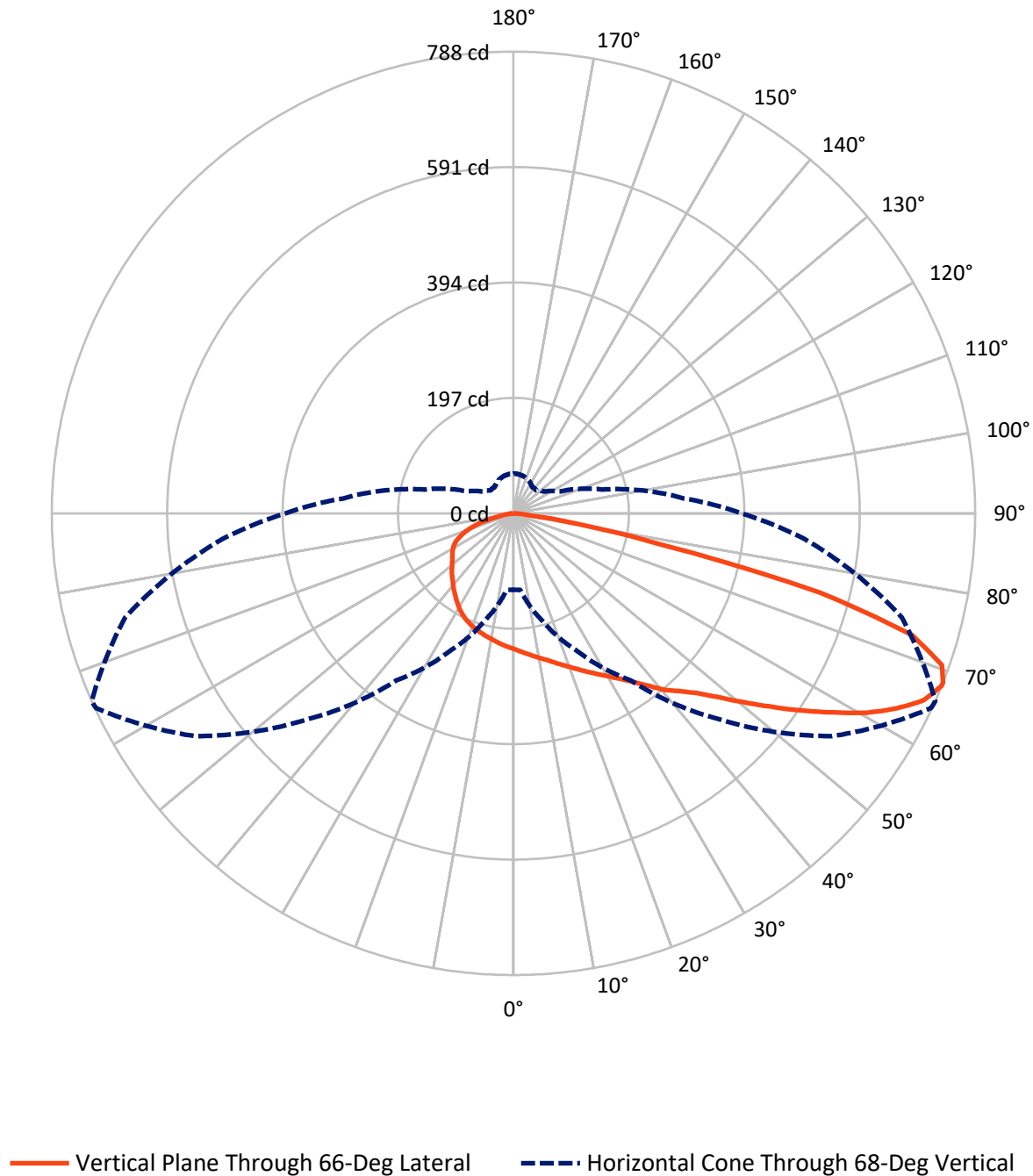
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.2 fc
 Type III - Medium - N/A

REPORT NUMBER: P1211865
CATALOG NUMBER: GKO-PB1B-840-U-T3

Luminous Intensity Polar Plot



REPORT NUMBER: P1211865

CATALOG NUMBER: GKO-PB1B-840-U-T3

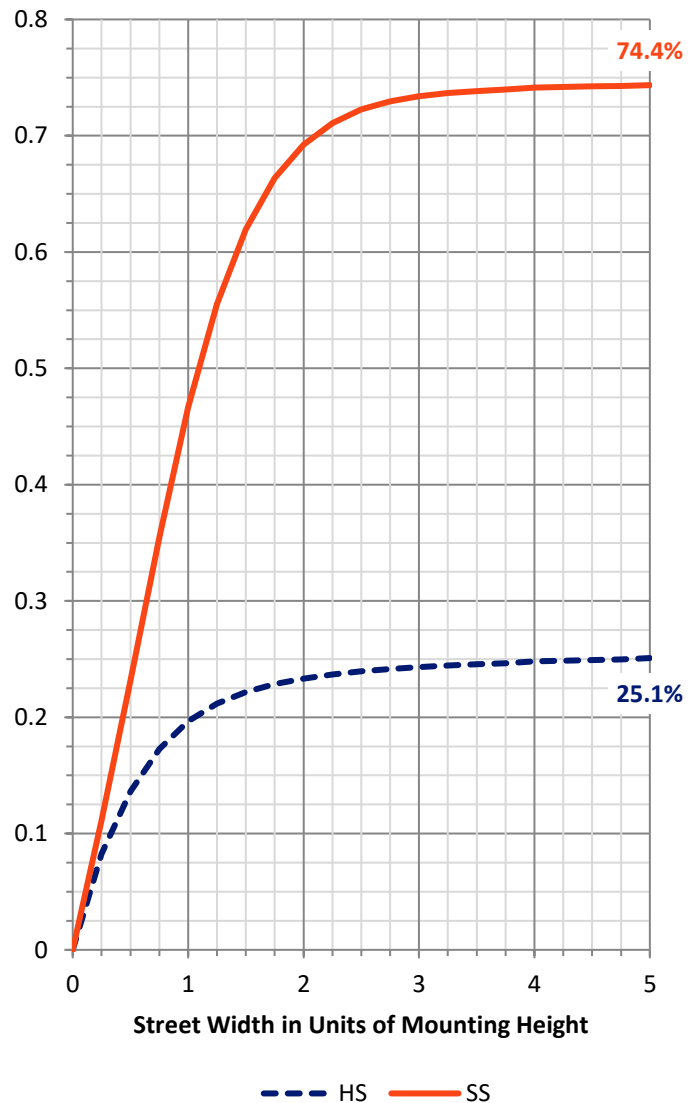
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	353.7	0.0	353.7
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	1027.8	0.0	1027.8
	% Fixture	74.4	0.0	74.4
Total	Lumens	1381.4	0.0	1381.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.2	1.6
10°-20°	66.8	4.8
20°-30°	115.1	8.3
30°-40°	178.6	12.9
40°-50°	244.7	17.7
50°-60°	291.9	21.1
60°-70°	292.5	21.2
70°-80°	154.8	11.2
80°-90°	14.9	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°	1381.4	100.0
0°-180°	1381.4	100.0



REPORT NUMBER: P1211865

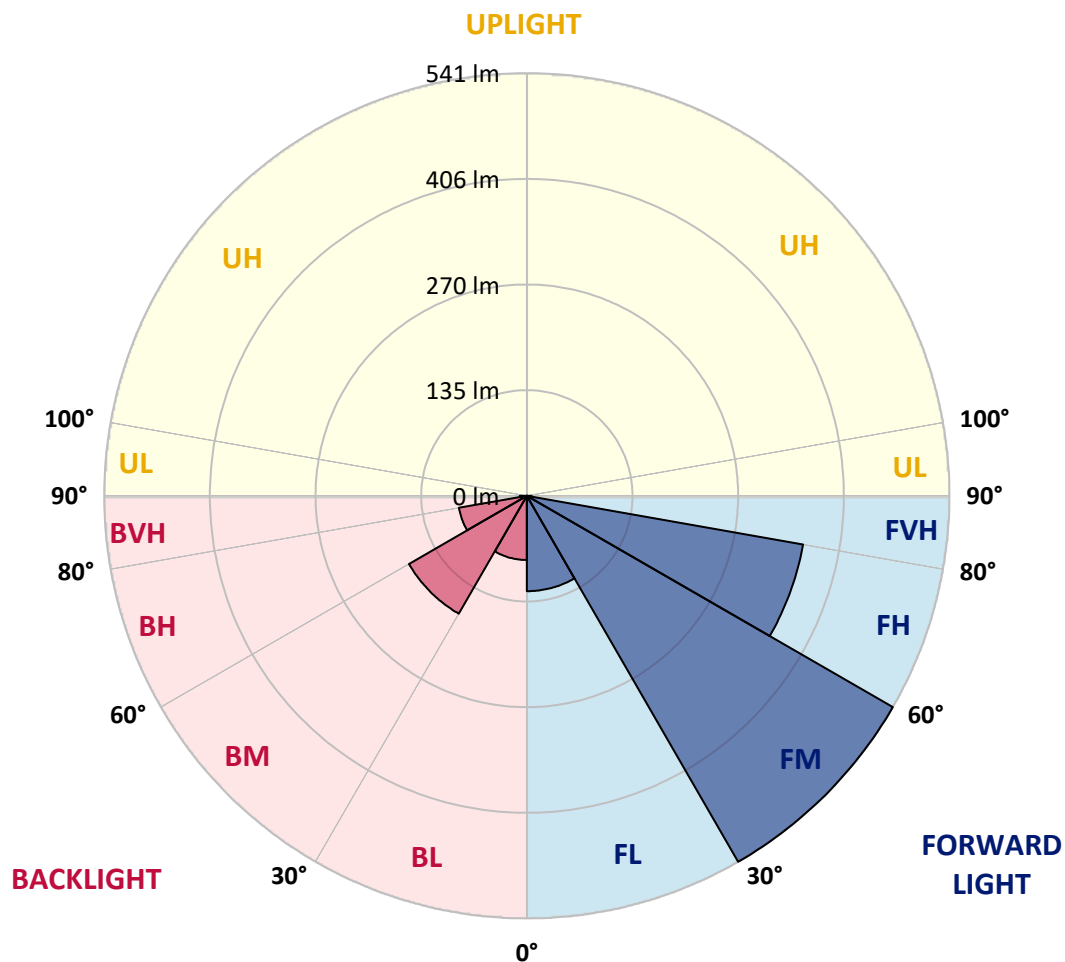
CATALOG NUMBER: GKO-PB1B-840-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	122.0	8.8			
FM	(30°-60°)	540.9	39.2			
FH	(60°-80°)	359.0	26.0			G0/660
FVH	(80°-90°)	5.9	0.4			G0/10
BL	(0°-30°)	82.1	5.9	B0/110		
BM	(30°-60°)	174.2	12.6	B0/220		
BH	(60°-80°)	88.2	6.4	B0/110		G0/110
BVH	(80°-90°)	9.1	0.7			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 III Medium



REPORT NUMBER: P1211865

CATALOG NUMBER: GKO-PB1B-840-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	231.7	231.7	231.7	231.7	231.7	231.7	231.7	231.7	231.7	231.7	231.7
2.5°	241.4	241.4	240.8	240.5	240.3	238.7	237.6	236.3	236.3	234.1	232.2
5°	249.7	249.9	248.9	248.9	247.8	245.6	243.5	240.8	240.8	237.6	233.8
7.5°	256.9	257.7	256.6	256.6	255.6	253.2	249.7	245.9	245.9	241.4	236.0
10°	263.9	264.4	263.9	264.4	262.8	260.7	256.6	251.5	251.3	245.6	238.1
12.5°	269.5	270.0	270.3	271.1	269.8	268.2	264.4	258.0	257.2	250.5	240.8
15°	274.9	275.4	276.2	277.3	277.0	275.7	272.2	265.0	264.4	255.8	244.3
17.5°	279.2	279.4	281.0	283.2	283.7	284.0	280.2	272.7	272.2	262.0	248.1
20°	285.3	285.9	287.5	289.6	291.2	292.3	289.4	281.0	280.5	269.2	252.9
22.5°	299.3	298.5	299.3	299.3	300.1	301.7	299.5	291.2	290.2	277.8	258.8
25°	325.6	324.8	322.6	317.8	312.4	312.1	309.7	301.7	300.3	286.7	264.4
27.5°	362.3	360.4	356.4	346.2	333.3	325.0	321.3	313.0	311.3	295.5	269.8
30°	401.2	403.3	396.6	382.7	359.1	341.4	334.1	324.8	323.4	305.4	276.2
32.5°	446.5	446.8	440.1	420.8	390.2	362.0	349.7	338.2	337.1	317.0	284.8
35°	472.8	473.9	470.9	452.9	418.1	384.8	368.5	354.5	353.7	331.5	295.5
37.5°	500.1	502.5	498.0	478.1	439.3	406.0	389.4	374.1	373.3	348.1	308.9
40°	540.6	539.6	534.7	505.5	459.1	423.7	410.0	398.0	396.1	368.5	322.6
42.5°	569.9	572.5	562.1	529.1	480.8	441.4	430.7	417.0	414.6	380.8	330.7
45°	579.8	577.4	565.8	541.7	509.3	457.5	450.3	439.8	437.4	402.5	346.5
47.5°	581.9	577.6	567.4	549.2	533.4	478.4	474.1	471.7	468.2	429.9	365.5
50°	568.8	565.8	561.0	551.9	548.9	498.0	500.1	509.0	506.0	459.4	386.7
52.5°	539.0	537.7	542.0	547.9	540.1	514.9	531.0	548.9	547.9	491.8	409.5
55°	483.0	483.0	507.1	527.8	532.3	525.9	564.2	595.1	593.7	528.3	431.2
57.5°	431.8	432.6	452.7	499.1	518.4	537.7	601.2	643.3	641.2	569.3	454.0
60°	367.1	367.1	397.7	455.9	498.3	546.8	633.9	690.0	691.3	609.0	476.5
62.5°	290.7	291.5	333.9	402.3	469.3	548.4	660.0	734.0	733.7	644.9	494.0
65°	214.3	214.5	272.2	342.7	425.9	537.1	674.2	767.8	769.4	673.4	504.2
67.5°	139.2	141.9	200.3	278.1	364.4	505.2	666.7	785.7	787.6	686.5	500.9
68°	130.3	130.9	189.6	260.4	347.8	497.2	663.2	786.5	788.1	686.2	497.7
70°	84.5	84.5	135.7	203.3	277.6	447.0	632.9	773.9	775.8	674.4	474.4
72.5°	45.6	46.4	77.5	123.1	189.6	345.9	571.2	708.2	711.4	609.8	414.9
75°	31.9	32.4	45.1	68.9	103.2	225.3	446.5	541.2	540.6	421.3	259.9
77.5°	23.1	23.1	25.7	42.9	54.2	103.0	221.0	260.7	257.7	205.7	131.1
80°	15.0	15.0	16.1	22.5	26.0	31.4	67.6	112.9	115.0	100.3	65.4
82.5°	6.2	6.4	7.0	9.1	9.4	13.1	19.3	32.4	31.4	25.5	18.5
85°	0.8	0.8	1.1	1.3	1.6	2.9	2.7	2.7	2.7	3.2	2.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.8	0.8	1.1	0.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1211865

CATALOG NUMBER: GKO-PB1B-840-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	231.7	231.7	231.7	231.7	231.7	231.7	231.7	231.7	231.7	231.7	231.7
2.5°	231.7	231.7	230.1	228.5	226.9	225.5	223.7	222.3	222.6	223.4	223.1
5°	233.0	231.7	228.5	225.0	222.3	219.9	216.4	214.5	214.3	214.8	214.5
7.5°	233.8	231.7	226.9	221.5	217.2	214.0	209.2	207.3	206.5	206.8	206.8
10°	235.5	232.0	225.3	217.8	212.4	207.8	202.7	200.1	199.2	199.2	199.0
12.5°	237.3	232.5	223.7	214.5	207.6	202.2	196.3	193.3	192.5	192.5	192.3
15°	239.2	233.3	222.0	211.0	203.0	196.6	190.9	187.4	186.4	186.4	186.9
17.5°	241.6	234.1	220.4	207.8	198.2	190.9	185.0	181.5	180.2	181.0	181.5
20°	244.0	235.7	218.8	204.3	193.3	185.8	179.9	176.5	175.1	176.5	176.7
22.5°	247.5	237.1	216.9	200.3	188.5	180.2	174.8	171.6	170.8	172.2	173.2
25°	251.0	238.7	214.5	196.0	182.4	174.3	170.0	167.6	167.9	169.8	170.8
27.5°	254.8	240.0	212.1	190.7	175.7	168.1	164.9	164.4	165.5	167.6	168.9
30°	259.3	241.9	208.9	184.5	168.1	161.4	160.1	161.7	163.6	165.7	167.1
32.5°	265.2	244.3	205.7	177.5	160.4	154.2	156.3	159.8	162.0	164.1	165.5
35°	273.5	249.1	203.8	170.6	152.1	148.0	152.9	158.5	160.1	161.4	163.0
37.5°	283.2	255.6	203.0	164.1	144.5	142.7	149.4	156.1	156.6	157.1	158.8
40°	292.6	260.4	200.9	157.1	136.8	136.8	145.1	151.5	151.2	150.4	151.5
42.5°	296.3	259.9	194.7	150.4	130.6	130.9	138.4	144.5	142.9	142.9	144.5
45°	307.1	264.1	190.1	145.1	125.0	123.9	129.8	134.6	137.3	140.8	142.4
47.5°	320.7	270.0	186.6	138.9	119.6	116.1	119.3	127.4	131.9	135.7	137.0
50°	334.9	276.7	183.4	132.5	114.2	107.3	108.9	117.7	121.7	123.6	124.4
52.5°	349.4	282.9	181.0	127.1	108.1	96.8	100.3	108.6	111.6	112.6	113.2
55°	362.3	288.0	178.9	122.6	101.1	88.5	91.2	99.8	101.9	103.0	103.8
57.5°	376.0	293.6	177.5	118.3	93.3	81.3	83.1	90.9	93.9	94.9	95.7
60°	388.0	299.0	176.5	113.7	86.1	74.8	75.9	83.4	86.6	87.2	88.0
62.5°	396.1	302.5	174.8	108.1	79.4	68.7	68.9	76.2	79.6	80.2	80.7
65°	398.2	301.7	170.0	100.6	72.7	62.5	62.5	69.5	73.2	75.1	75.9
67.5°	391.8	295.0	159.8	90.9	66.2	56.9	56.9	63.0	67.0	69.2	70.0
68°	389.6	292.0	156.6	88.5	64.6	55.5	55.5	61.9	65.7	67.6	68.1
70°	371.4	277.6	141.9	79.4	59.5	51.5	51.5	57.1	61.1	61.1	60.9
72.5°	322.6	240.5	116.7	66.5	52.0	45.6	46.4	51.8	53.1	54.4	54.2
75°	199.8	144.0	78.3	52.6	43.7	40.0	41.6	46.4	47.2	50.1	49.3
77.5°	100.0	70.5	41.6	30.6	33.8	34.3	37.3	40.8	43.2	46.4	44.2
80°	49.3	34.3	24.4	19.0	19.8	25.2	32.4	35.1	39.4	41.6	39.7
82.5°	13.7	10.5	9.9	10.5	14.7	19.6	25.5	31.1	36.7	38.6	35.9
85°	2.4	1.9	1.6	5.1	10.2	14.5	20.6	27.6	33.0	31.6	29.8
87.5°	0.8	0.5	0.5	3.2	7.5	11.8	17.7	24.7	28.2	25.5	22.8
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)