

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: P1245509

Luminaire Tested: **TT-D7-AMB-U-DL**

Issue Date: 2/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1245509
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1908-473-26)
Test Lab: INNOVATION CENTER
Issue Date: 2/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TT-D7-AMB-U-DL
Description: TOPTIER LED PARKING GARAGE LUMINAIRE
NARROW BAND AMBER LEDS AND DRIVE LANE DISTRIBUTION
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1767 lumens
Efficiency: N/A
Efficacy: 36.0 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

Input Watts (W): 49.1
Input Voltage (V): 120.0
Input Current (Ain): 0.417
Voltage Rise (V): NR
Power Factor: 0.979
Total Harmonic Distortion (THDi): 13.88%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

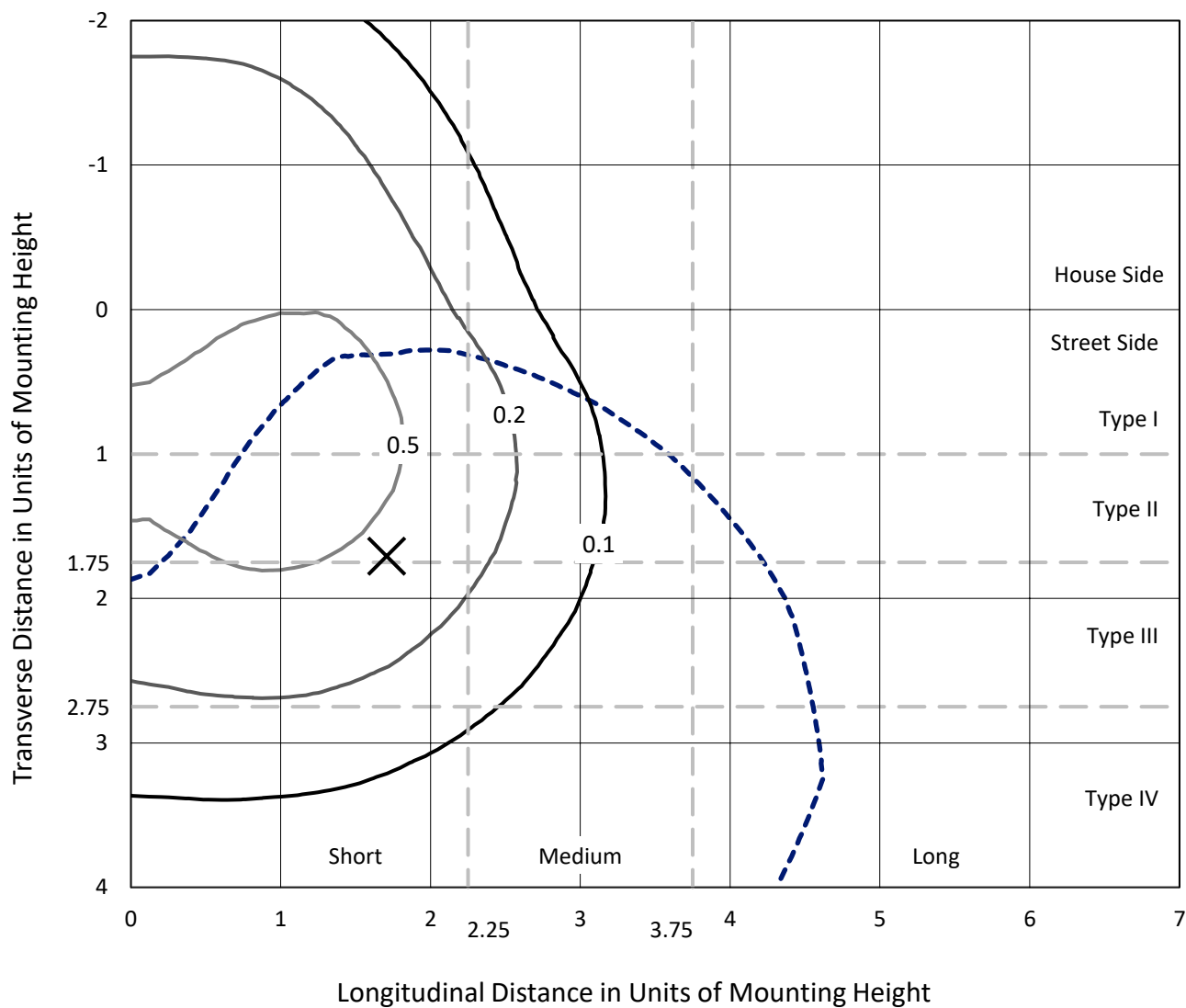


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Iso-Footcandle Lines of Horizontal Illumination

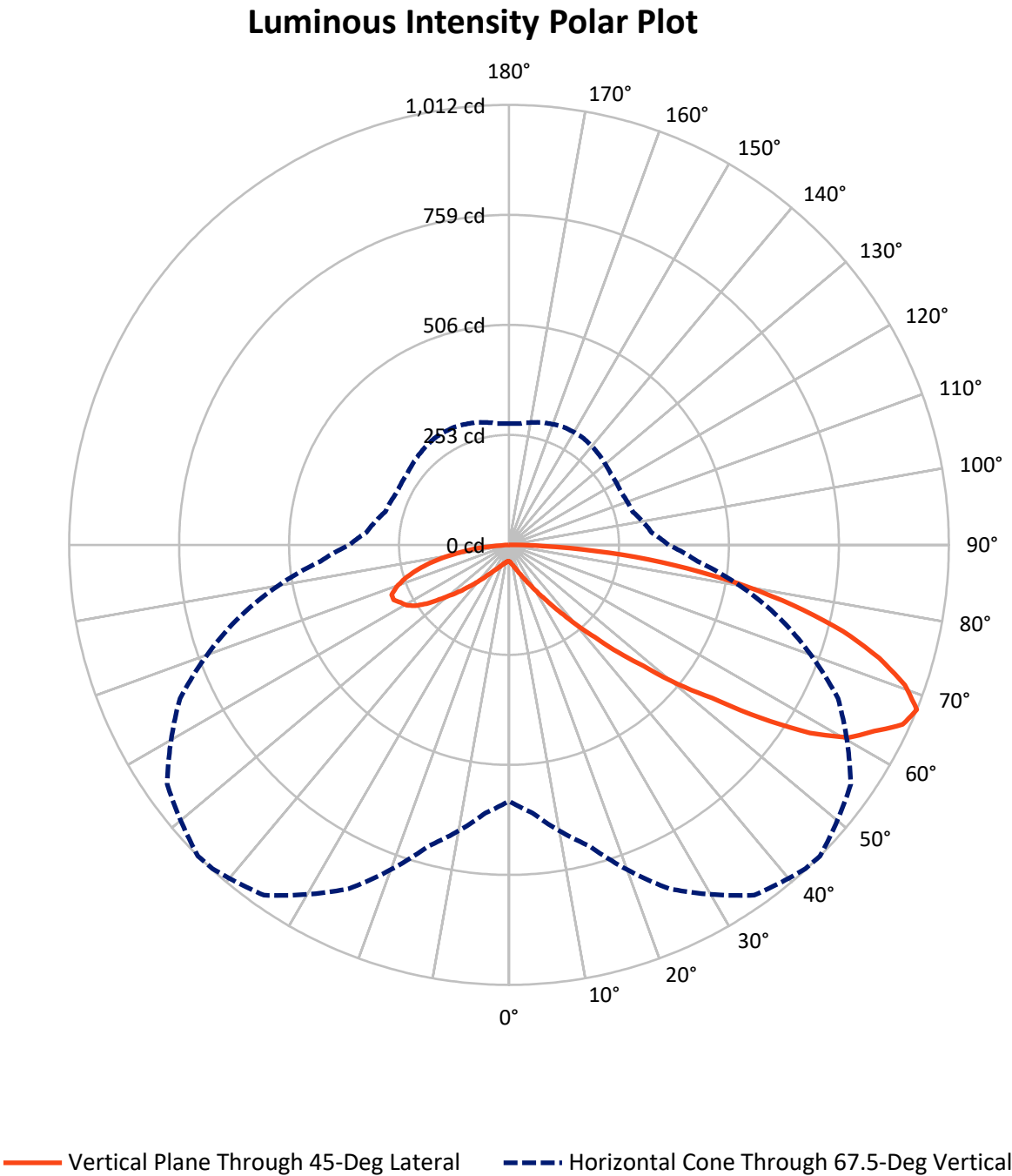
✕ Max cd

--- 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 0.9 fc
 Type IV - Short - N/A

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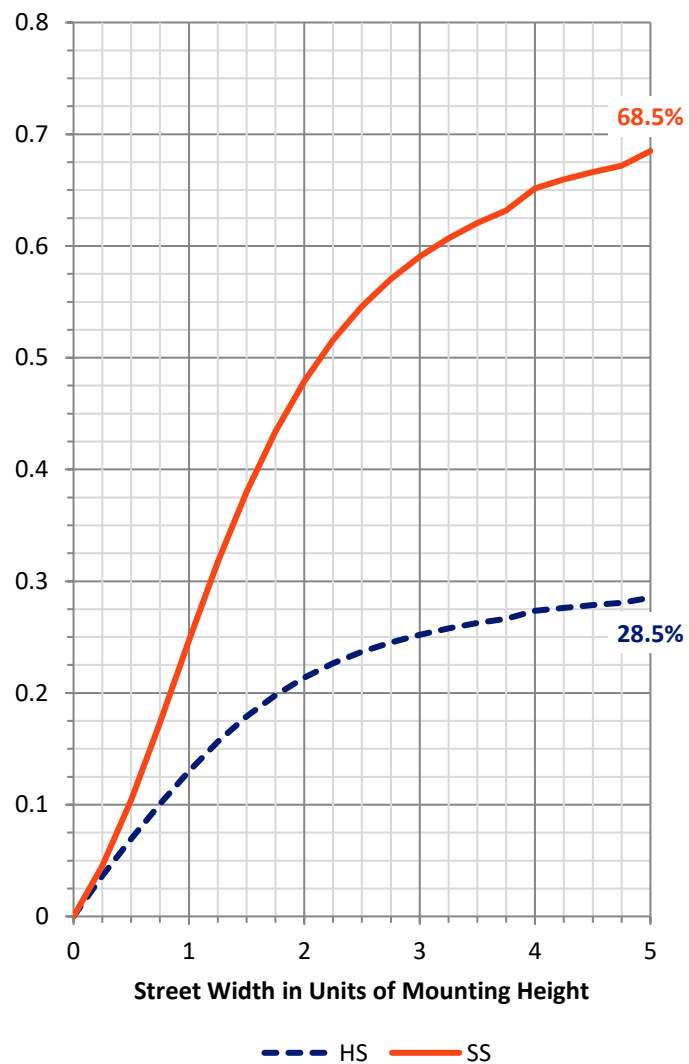
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	514.9	0.0	514.9
	% Fixture	29.1	0.0	29.1
Street Side	Lumens	1252.1	0.0	1252.1
	% Fixture	70.9	0.0	70.9
Total	Lumens	1767.0	0.0	1767.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.9	0.2
10°-20°	14.7	0.8
20°-30°	34.7	2.0
30°-40°	78.5	4.4
40°-50°	174.9	9.9
50°-60°	351.6	19.9
60°-70°	516.4	29.2
70°-80°	454.1	25.7
80°-90°	138.2	7.8
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°	1767.0	100.0
0°-180°	1767.0	100.0

Coefficient of Utilization



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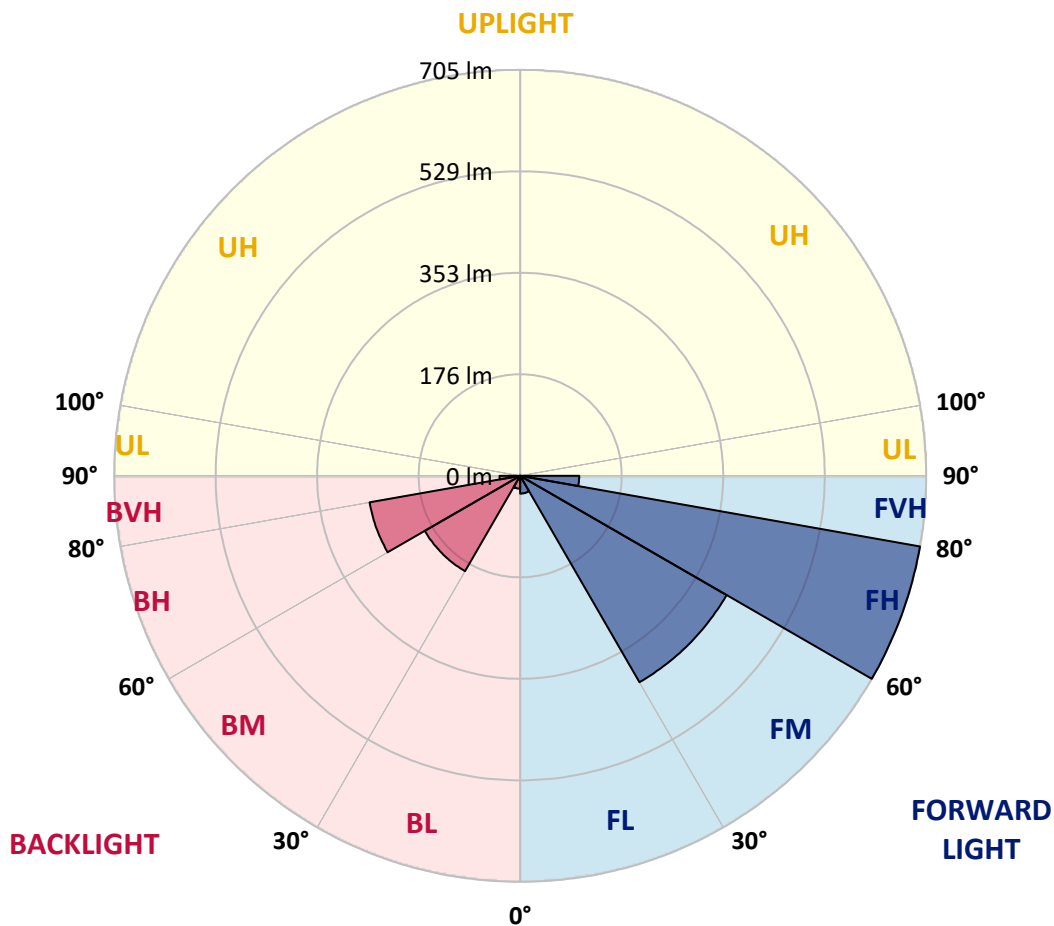
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	30.9	1.7			
FM	(30°-60°)	413.8	23.4			
FH	(60°-80°)	705.0	39.9			G1/1800
FVH	(80°-90°)	102.4	5.8			G2/225
BL	(0°-30°)	22.4	1.3	B0/110		
BM	(30°-60°)	191.2	10.8	B0/220		
BH	(60°-80°)	265.5	15.0	B1/500		G1/500
BVH	(80°-90°)	35.8	2.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	42.5°	45°	55°	65°	75°	85°
0°	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
2.5°	40.0	39.6	39.6	39.6	39.3	39.3	39.3	39.3	39.0	39.0	39.0
5°	42.3	42.0	42.3	41.6	41.3	41.3	41.0	41.0	40.6	40.3	40.0
7.5°	45.6	45.3	45.3	44.6	44.3	43.9	43.9	43.3	43.0	42.3	41.6
10°	49.2	49.2	48.9	48.6	47.9	47.2	47.2	46.3	45.9	44.9	43.9
12.5°	53.5	53.5	53.5	52.9	52.2	51.9	51.2	50.6	49.6	47.9	46.9
15°	58.8	58.8	58.8	58.2	57.5	56.8	56.5	55.2	53.5	51.9	49.9
17.5°	65.4	64.8	64.8	64.1	63.4	63.1	62.4	61.1	58.8	56.8	54.2
20°	72.7	72.4	72.0	72.0	71.4	70.7	70.4	68.4	65.8	62.1	58.8
22.5°	81.0	80.6	80.6	81.3	81.0	80.0	80.0	77.0	73.4	69.1	64.1
25°	91.2	90.9	91.5	92.8	92.8	92.2	91.2	88.2	82.9	77.0	71.0
27.5°	102.4	102.1	103.4	105.7	106.4	105.4	104.7	101.4	95.5	87.6	79.0
30°	116.0	116.3	119.9	122.6	124.2	123.6	123.2	119.6	110.0	100.8	89.5
32.5°	132.5	131.5	136.1	140.4	143.4	145.1	144.1	139.8	131.5	117.0	102.8
35°	150.0	150.3	156.0	162.2	169.2	169.8	171.8	167.5	156.3	139.1	119.3
37.5°	172.8	170.2	177.4	189.3	197.6	204.9	203.5	200.9	187.7	164.9	137.8
40°	193.3	192.6	202.9	219.4	234.6	245.2	246.5	243.2	225.7	193.3	157.6
42.5°	216.8	218.7	232.9	255.7	278.9	294.1	290.4	288.8	268.3	227.0	184.7
45°	240.5	247.1	265.3	298.4	325.5	347.3	353.5	347.9	322.8	280.2	219.1
47.5°	269.3	278.2	300.7	345.3	389.6	415.0	416.3	433.2	395.2	331.4	254.7
50°	307.3	311.2	342.6	397.2	458.0	493.6	503.9	504.2	466.2	382.9	295.1
52.5°	344.6	347.6	388.9	459.3	541.9	582.5	584.8	597.7	545.8	466.2	352.9
55°	389.6	388.2	445.1	529.7	627.1	686.3	703.4	721.0	654.9	532.0	385.9
57.5°	433.2	431.2	499.6	610.6	743.8	802.6	816.8	804.2	706.1	559.4	402.1
60°	473.5	480.4	563.7	700.1	834.0	890.1	899.7	865.7	739.1	580.5	412.4
62.5°	515.4	529.3	630.1	774.8	903.0	943.3	944.0	904.0	794.3	621.5	445.7
65°	554.8	576.9	681.6	838.6	951.3	991.6	996.2	960.2	848.5	657.2	451.3
67.5°	589.5	618.9	717.3	873.0	984.0	1010.1	1012.4	960.5	835.6	642.7	435.8
70°	617.5	641.3	739.5	873.6	961.2	968.4	966.8	911.6	799.9	613.9	409.7
72.5°	628.4	647.9	728.9	832.6	894.1	892.4	891.1	840.2	741.1	566.0	372.0
75°	612.9	618.5	671.1	745.1	784.1	793.3	794.6	748.7	650.3	495.0	319.2
77.5°	548.8	545.8	586.2	635.1	664.5	671.1	669.7	631.4	545.2	411.4	267.6
80°	435.2	441.4	466.5	498.9	528.3	535.6	531.0	501.9	424.2	320.8	205.5
82.5°	304.3	311.9	333.1	357.5	379.6	379.6	383.9	355.9	300.7	230.3	143.7
85°	164.2	159.9	183.0	210.8	226.7	229.6	231.3	222.0	186.0	139.1	85.2
87.5°	27.1	29.1	36.0	55.2	62.8	72.7	77.3	60.5	36.7	23.5	17.2
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°	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
2.5°	39.0	38.7	38.3	38.0	38.0	37.7	37.7	37.7	38.0	38.0	38.0
5°	40.0	39.6	39.3	39.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3
7.5°	41.6	41.0	40.6	40.0	39.3	39.3	39.0	39.0	39.0	39.3	39.0
10°	43.6	43.0	42.3	41.3	41.0	40.6	40.3	40.3	40.6	40.6	40.3
12.5°	45.9	45.6	44.3	43.3	42.6	42.3	42.0	42.3	42.0	42.3	42.3
15°	49.2	48.2	46.6	45.6	44.6	44.3	43.9	44.3	44.3	44.6	44.3
17.5°	52.9	51.5	49.9	48.2	46.9	46.6	46.6	46.6	46.9	47.2	46.9
20°	57.2	55.5	53.2	51.2	49.9	49.6	49.6	49.9	50.2	50.6	50.6
22.5°	61.5	60.1	56.8	54.2	53.5	53.2	52.9	53.5	54.2	54.5	54.8
25°	68.1	65.4	61.5	58.5	57.2	57.2	57.5	58.2	58.5	59.1	58.8
27.5°	75.0	72.0	67.1	63.1	62.1	61.8	62.4	63.1	64.4	64.4	64.1
30°	84.6	79.6	73.4	69.7	67.1	67.4	68.4	69.4	70.7	71.4	71.4
32.5°	95.5	90.2	81.6	76.0	74.7	75.0	75.3	77.0	78.3	79.6	78.6
35°	109.7	103.1	92.5	86.2	82.9	82.6	83.9	85.9	87.2	87.9	87.9
37.5°	125.2	116.6	103.4	98.1	94.2	93.8	94.2	95.8	97.5	98.1	99.5
40°	144.1	133.5	118.0	109.4	106.4	105.7	107.1	109.4	109.4	110.4	110.7
42.5°	167.2	153.6	136.5	125.2	121.6	121.6	121.3	123.2	123.2	123.2	122.6
45°	196.6	181.4	158.9	147.4	141.1	137.8	138.8	137.5	137.1	138.1	135.1
47.5°	225.0	205.8	179.4	166.9	160.6	158.6	155.0	154.0	152.3	152.3	148.0
50°	258.1	234.3	208.8	191.0	185.0	179.4	176.4	171.8	166.9	165.9	164.2
52.5°	313.2	283.5	243.5	224.4	209.2	203.5	196.6	190.6	184.7	180.1	182.7
55°	335.7	305.3	267.3	248.8	238.2	232.9	220.1	212.1	203.2	196.6	200.2
57.5°	346.9	313.9	278.5	264.7	261.7	256.7	247.1	233.6	223.4	215.1	215.8
60°	353.2	318.5	284.5	271.9	270.3	273.6	268.6	259.4	243.5	235.3	234.3
62.5°	377.3	341.0	301.3	283.5	279.9	282.2	283.5	277.9	264.7	253.8	250.8
65°	382.3	343.6	304.6	293.1	293.4	294.1	295.1	289.1	282.5	269.0	266.3
67.5°	367.4	329.4	294.7	285.1	285.8	293.4	299.4	299.0	291.8	280.2	279.2
70°	345.0	307.9	275.9	267.3	269.0	275.9	288.8	295.4	294.1	286.5	288.1
72.5°	309.9	276.9	248.8	242.2	246.2	252.8	265.0	276.9	283.8	285.5	289.1
75°	269.0	242.5	216.1	212.1	215.1	222.7	233.9	247.8	263.0	271.3	273.6
77.5°	222.0	197.9	178.4	175.8	180.1	187.0	198.2	209.2	226.3	240.9	244.2
80°	173.8	153.0	139.1	136.8	139.4	145.4	154.0	162.9	179.4	190.6	192.3
82.5°	120.6	108.0	99.1	97.8	99.5	101.8	108.7	117.0	126.2	135.1	136.1
85°	70.0	62.1	59.8	57.8	61.5	61.5	63.1	67.7	72.4	73.0	75.0
87.5°	12.9	12.2	12.6	9.3	11.6	8.3	8.3	10.6	7.9	9.3	7.6
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)