

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: LUMIERE

Report Number: P394790

Luminaire Tested: **303-P1-LEDB1-4000-UNV-T2-DIM10**

Issue Date: 4/9/2020

Test Information

Test Method: LM-79-08
Report Number: P394790
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2001-660-13)
Test Lab: INNOVATION CENTER
Issue Date: 4/9/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 303-P1-LEDB1-4000-UNV-T2-DIM10
Description: LUMIERE EON LED LUMINAIRE
PATHWAY, TYPE 2
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 682.9 lumens
Efficiency: N/A
Efficacy: 83.3 lumens/watt
Luminous Opening: Rectangular (W 0.38' x L: 0.21' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G0

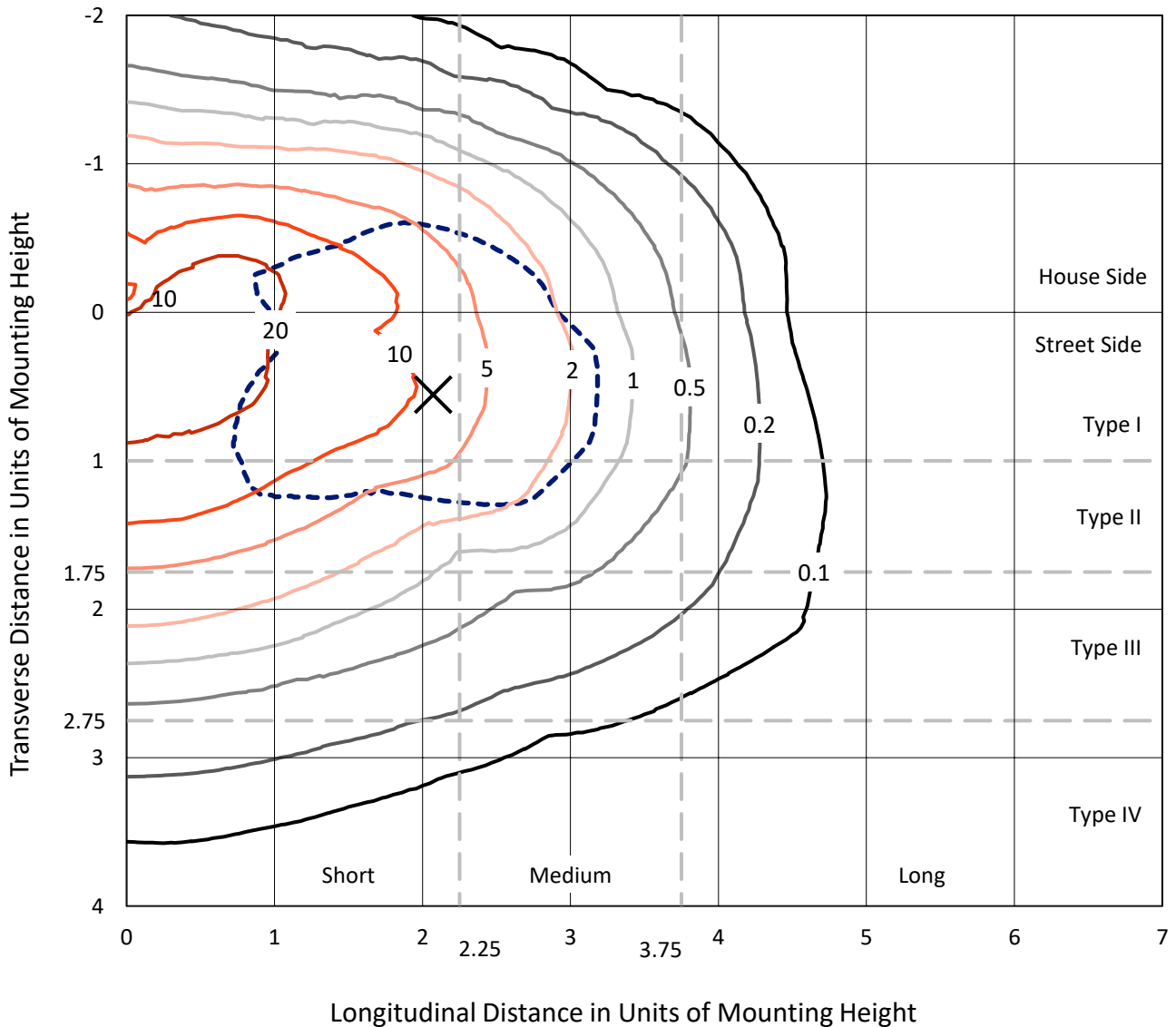
Input Watts (W): 8.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

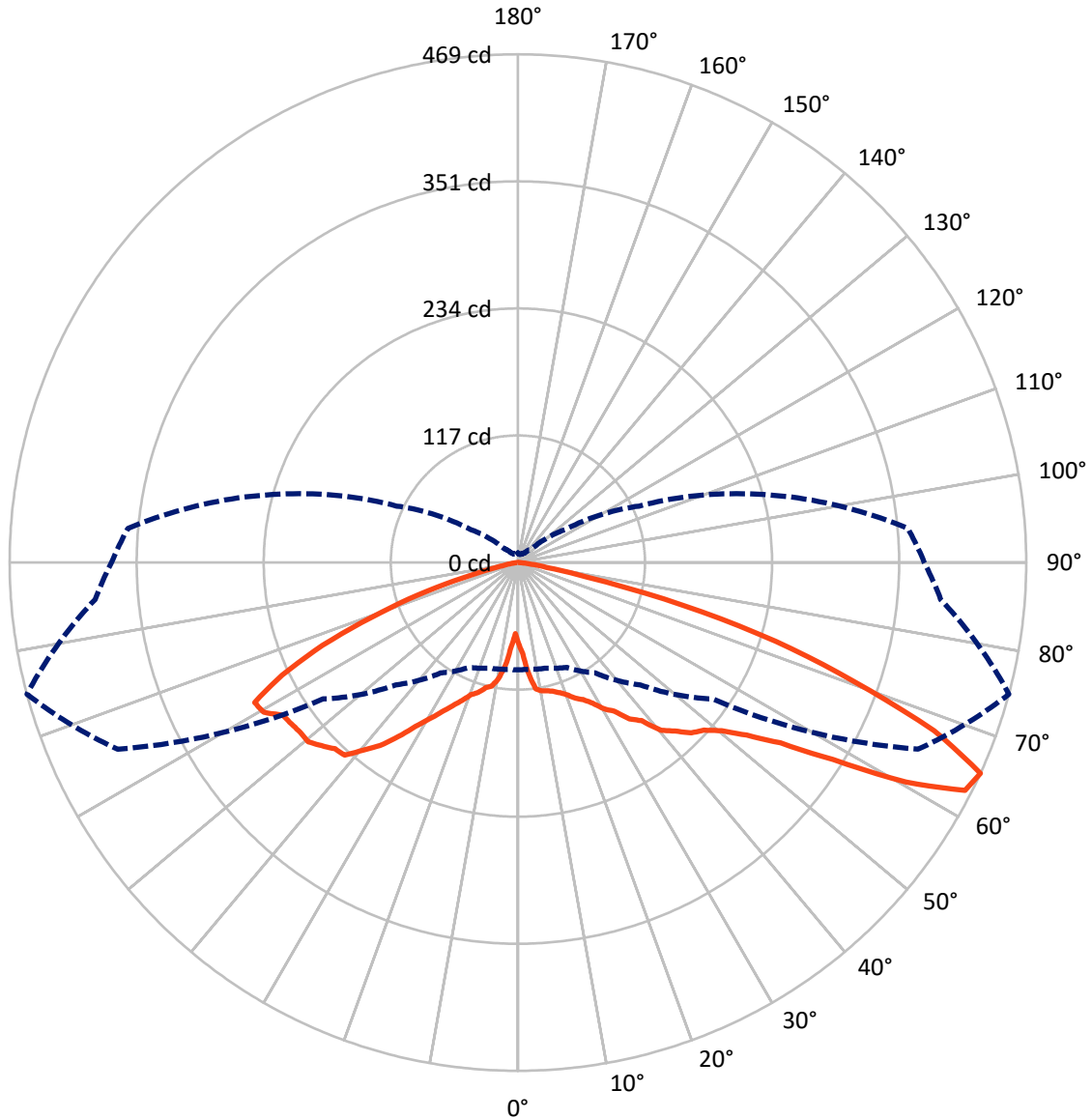
× Max cd
 - - - 1/2 Max cd



Based on 2 foot mounting height. Maximum calculated value = 32.2 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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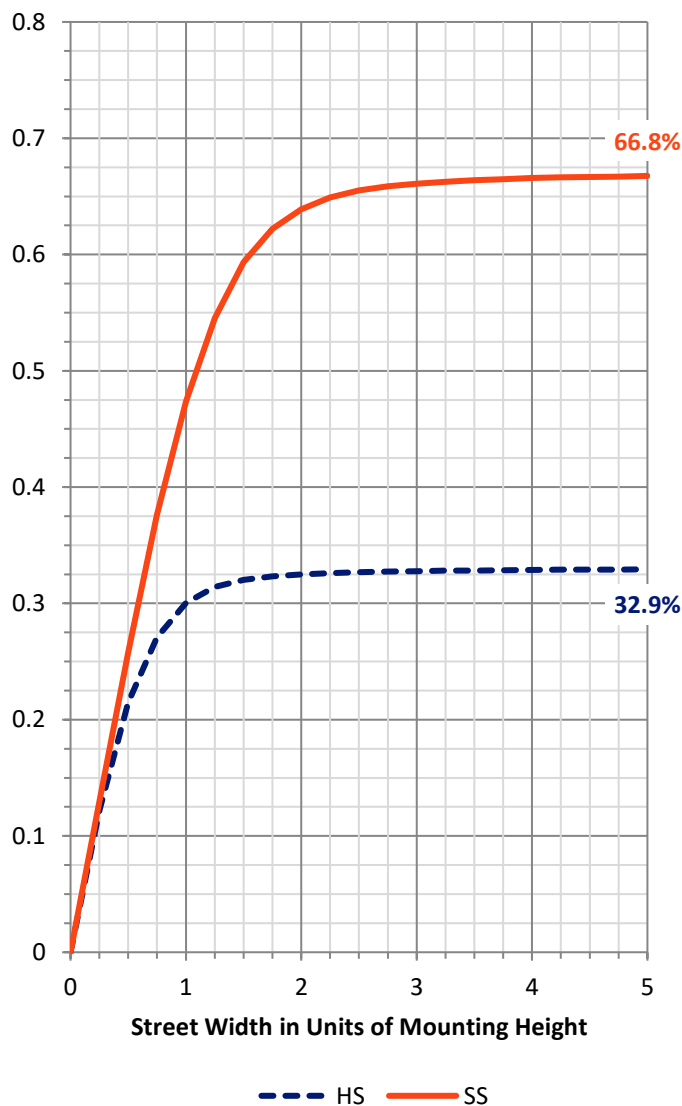
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	226.4	0.0	226.4
	% Fixture	33.1	0.0	33.1
Street Side	Lumens	456.5	0.0	456.5
	% Fixture	66.9	0.0	66.9
Total	Lumens	682.9	0.0	682.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.3	1.2
10°-20°	30.7	4.5
20°-30°	55.0	8.1
30°-40°	89.3	13.1
40°-50°	131.8	19.3
50°-60°	162.5	23.8
60°-70°	151.3	22.2
70°-80°	50.0	7.3
80°-90°	4.1	0.6
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°	682.9	100.0
0°-180°	682.9	100.0

Coefficient of Utilization



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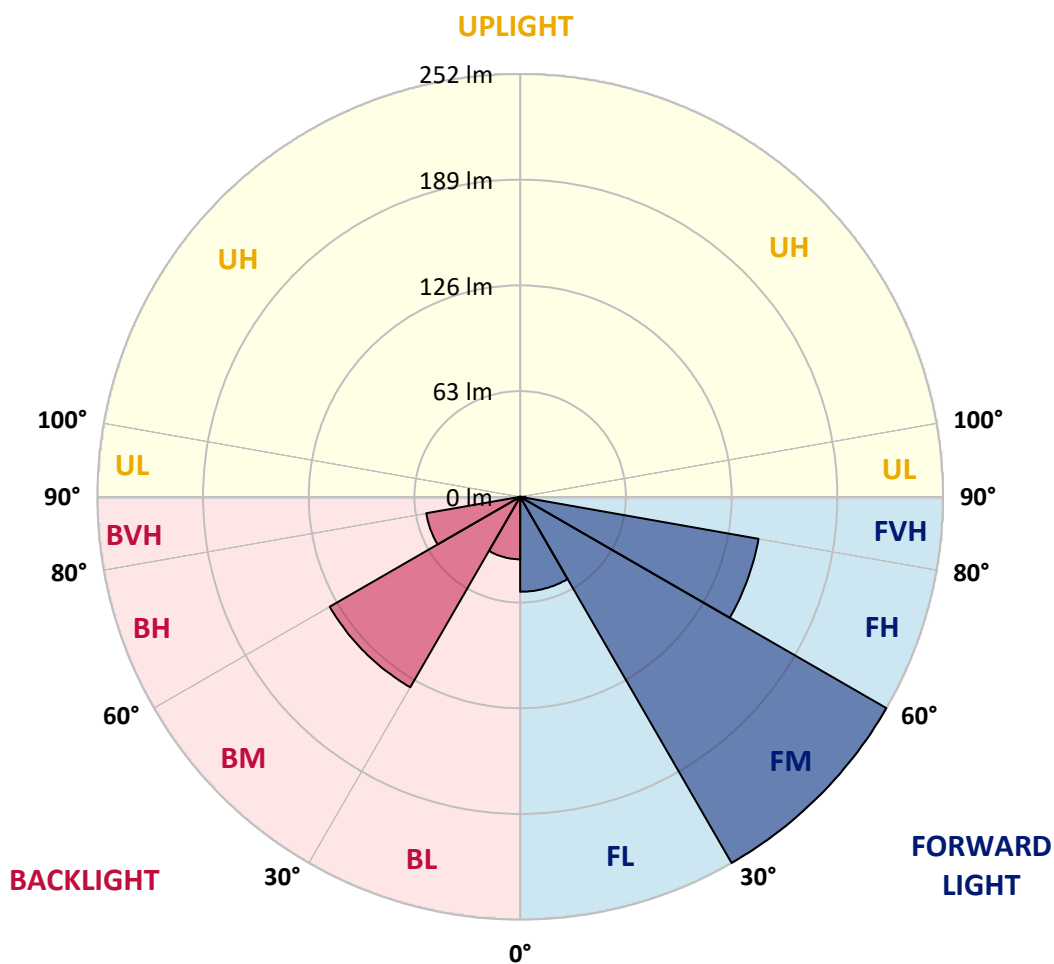
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	56.7	8.3			
FM (30°-60°)	252.3	36.9			
FH (60°-80°)	144.4	21.1			G0/660
FVH (80°-90°)	3.1	0.5			G0/10
BL (0°-30°)	37.3	5.5	B0/110		
BM (30°-60°)	131.2	19.2	B0/220		
BH (60°-80°)	56.9	8.3	B0/110		G0/110
BVH (80°-90°)	1.0	0.1			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 II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
2.5°	115.4	115.4	115.4	114.4	111.5	107.6	95.9	88.0	84.1	75.3	75.3
5°	118.4	117.4	120.3	118.4	118.4	117.4	118.4	115.4	102.7	92.9	87.1
7.5°	126.2	125.2	125.2	123.2	123.2	122.3	124.2	120.3	117.4	108.6	102.7
10°	134.0	131.1	134.0	130.1	129.1	128.1	127.2	123.2	120.3	118.4	117.4
12.5°	136.9	136.0	136.9	133.0	129.1	132.0	126.2	122.3	121.3	120.3	119.3
15°	143.8	138.9	136.0	135.0	133.0	131.1	127.2	125.2	123.2	122.3	118.4
17.5°	141.8	136.0	136.0	135.0	134.0	134.0	130.1	128.1	126.2	127.2	125.2
20°	138.9	138.9	135.0	137.9	133.0	136.0	135.0	131.1	130.1	130.1	130.1
22.5°	138.9	136.9	139.9	137.9	136.9	137.9	136.9	136.0	136.0	136.0	136.0
25°	136.9	138.9	139.9	139.9	137.9	136.9	143.8	139.9	139.9	141.8	138.9
27.5°	136.9	136.9	137.9	139.9	137.9	144.8	145.7	147.7	146.7	149.6	148.7
30°	139.9	139.9	138.9	146.7	147.7	152.6	155.5	149.6	156.5	159.4	157.5
32.5°	145.7	143.8	148.7	150.6	153.6	160.4	165.3	163.3	163.3	169.2	168.2
35°	159.4	155.5	158.5	160.4	165.3	172.1	176.1	175.1	177.0	178.0	180.0
37.5°	168.2	165.3	166.3	173.1	176.1	182.9	189.8	183.9	184.9	192.7	192.7
40°	180.0	179.0	181.9	185.8	192.7	199.5	205.4	203.4	203.4	208.3	211.3
42.5°	197.6	196.6	193.7	201.5	206.4	213.2	222.0	220.1	212.2	221.1	224.0
45°	203.4	204.4	203.4	205.4	216.2	225.9	237.7	236.7	224.0	230.8	233.8
47.5°	214.2	208.3	211.3	212.2	223.0	235.7	253.3	253.3	230.8	240.6	244.5
50°	213.2	211.3	214.2	218.1	225.0	244.5	266.0	277.8	243.5	242.6	255.3
52.5°	215.2	210.3	213.2	220.1	227.9	242.6	279.7	303.2	264.1	251.4	263.1
55°	212.2	210.3	218.1	223.0	229.9	245.5	287.6	331.6	293.4	259.2	280.7
57.5°	192.7	190.7	197.6	214.2	228.9	243.5	292.5	359.9	342.3	270.0	300.3
60°	155.5	156.5	162.4	180.0	205.4	235.7	281.7	385.4	410.8	305.2	340.4
62.5°	124.2	124.2	125.2	140.8	168.2	210.3	257.2	398.1	462.6	353.1	378.5
65°	98.8	98.8	100.7	106.6	124.2	159.4	219.1	406.9	468.5	391.2	374.6
67.5°	61.6	60.6	65.5	81.2	90.0	112.5	158.5	360.9	413.7	371.7	329.6
70°	37.2	38.1	39.1	46.9	64.6	85.1	101.7	288.5	328.6	311.0	261.2
72.5°	27.4	27.4	28.4	31.3	40.1	62.6	80.2	200.5	248.4	236.7	188.8
75°	17.6	18.6	18.6	20.5	25.4	36.2	68.5	111.5	157.5	133.0	108.6
77.5°	10.8	10.8	10.8	11.7	14.7	18.6	41.1	63.6	64.6	43.0	34.2
80°	7.8	7.8	7.8	7.8	8.8	9.8	18.6	45.0	26.4	12.7	12.7
82.5°	4.9	4.9	5.9	5.9	5.9	5.9	7.8	20.5	12.7	6.8	6.8
85°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	5.9	4.9	3.9	3.9
87.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.0	2.0	2.0	1.0	1.0
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
2.5°	72.4	65.5	58.7	46.9	36.2	33.3	26.4	15.6	6.8	6.8
5°	86.1	77.3	65.5	54.8	37.2	31.3	23.5	14.7	4.9	2.9
7.5°	100.7	95.9	82.2	67.5	56.7	46.9	43.0	24.5	23.5	27.4
10°	116.4	108.6	98.8	85.1	70.4	68.5	63.6	51.8	41.1	36.2
12.5°	121.3	116.4	103.7	92.9	80.2	70.4	65.5	55.8	57.7	60.6
15°	123.2	119.3	105.6	90.0	81.2	67.5	64.6	56.7	56.7	59.7
17.5°	126.2	125.2	109.5	97.8	83.1	68.5	62.6	54.8	56.7	58.7
20°	132.0	129.1	114.4	102.7	87.1	69.4	61.6	49.9	54.8	58.7
22.5°	136.0	136.9	120.3	106.6	90.0	71.4	59.7	55.8	56.7	60.6
25°	146.7	144.8	128.1	112.5	88.0	73.4	65.5	54.8	50.9	60.6
27.5°	150.6	154.5	134.0	117.4	90.0	74.3	65.5	54.8	52.8	57.7
30°	160.4	165.3	143.8	125.2	100.7	76.3	65.5	50.9	54.8	58.7
32.5°	173.1	178.0	153.6	131.1	102.7	76.3	64.6	47.9	53.8	57.7
35°	185.8	194.6	167.3	137.9	103.7	74.3	62.6	46.0	46.0	54.8
37.5°	201.5	211.3	177.0	144.8	104.7	73.4	59.7	47.9	45.0	50.9
40°	220.1	224.0	185.8	145.7	101.7	69.4	56.7	45.0	42.1	46.9
42.5°	235.7	238.7	191.7	143.8	95.9	64.6	51.8	42.1	40.1	44.0
45°	249.4	240.6	192.7	139.9	91.0	60.6	48.9	37.2	37.2	39.1
47.5°	257.2	247.5	187.8	134.0	86.1	53.8	43.0	32.3	33.3	34.2
50°	269.0	254.3	181.9	123.2	77.3	47.9	36.2	27.4	29.3	29.3
52.5°	281.7	254.3	173.1	115.4	66.5	41.1	30.3	23.5	24.5	25.4
55°	292.5	256.3	161.4	104.7	57.7	33.3	24.5	19.6	19.6	19.6
57.5°	313.0	258.2	162.4	96.8	47.9	26.4	19.6	15.6	15.6	16.6
60°	352.1	271.9	157.5	84.1	37.2	19.6	14.7	11.7	12.7	12.7
62.5°	375.6	274.8	148.7	69.4	27.4	14.7	10.8	9.8	10.8	10.8
65°	360.9	240.6	123.2	52.8	18.6	10.8	8.8	7.8	7.8	8.8
67.5°	306.1	195.6	91.0	32.3	13.7	9.8	7.8	6.8	6.8	6.8
70°	236.7	143.8	54.8	18.6	10.8	7.8	6.8	5.9	5.9	5.9
72.5°	172.1	96.8	31.3	12.7	8.8	6.8	4.9	3.9	4.9	4.9
75°	97.8	51.8	15.6	9.8	6.8	4.9	3.9	2.9	2.9	3.9
77.5°	35.2	20.5	9.8	7.8	5.9	3.9	2.9	2.0	2.0	2.0
80°	12.7	10.8	6.8	4.9	3.9	2.9	2.0	2.0	2.0	2.0
82.5°	6.8	5.9	3.9	2.9	2.0	1.0	1.0	1.0	1.0	1.0
85°	3.9	2.9	2.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0
87.5°	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)