

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: P394797

Luminaire Tested: **303-P1-LEDB1-3000-UNV-T4-DIM10**

Issue Date: 4/9/2020

Test Information

Test Method: LM-79-08
Report Number: P394797
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2001-660-14)
Test Lab: INNOVATION CENTER
Issue Date: 4/9/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 303-P1-LEDB1-3000-UNV-T4-DIM10
Description: LUMIERE EON LED LUMINAIRE
PATHWAY, TYPE 4
Light Source: 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 636.2 lumens
Efficiency: N/A
Efficacy: 77.6 lumens/watt
Luminous Opening: Rectangular (W 0.38' x L: 0.21' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G0

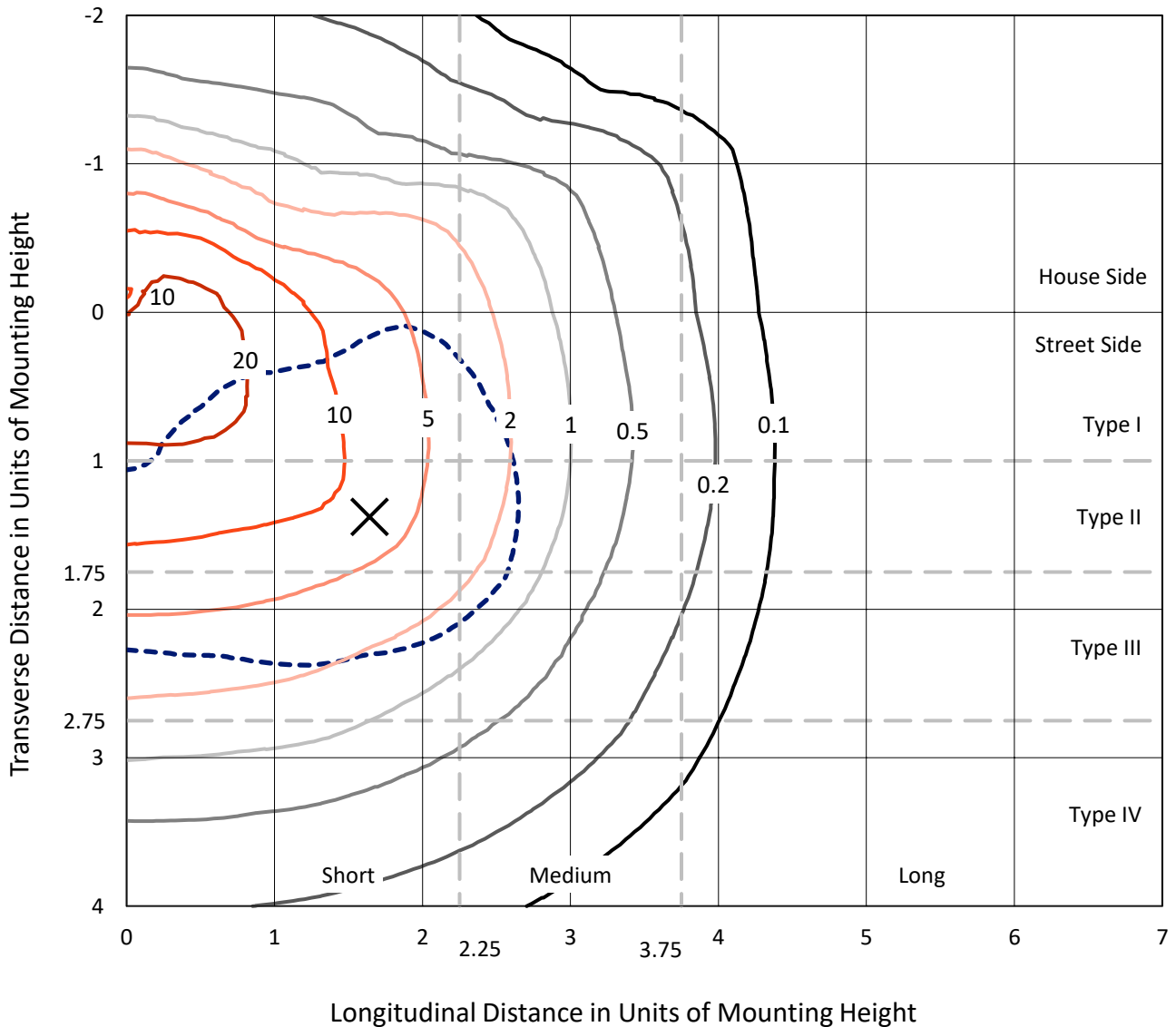
Input Watts (W): 8.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

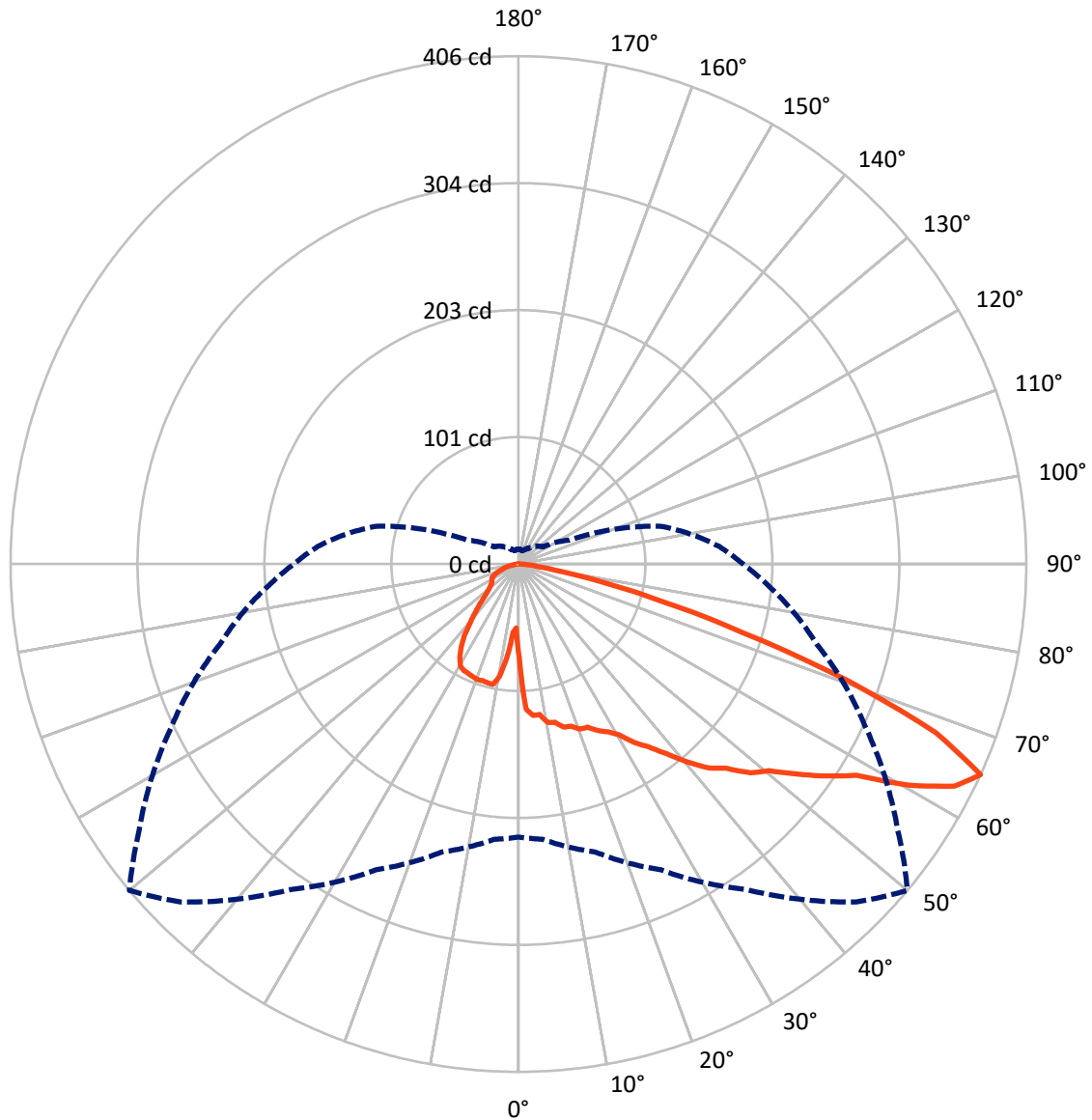
× Max cd
 - - - 1/2 Max cd



Based on 2 foot mounting height. Maximum calculated value = 30.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 50-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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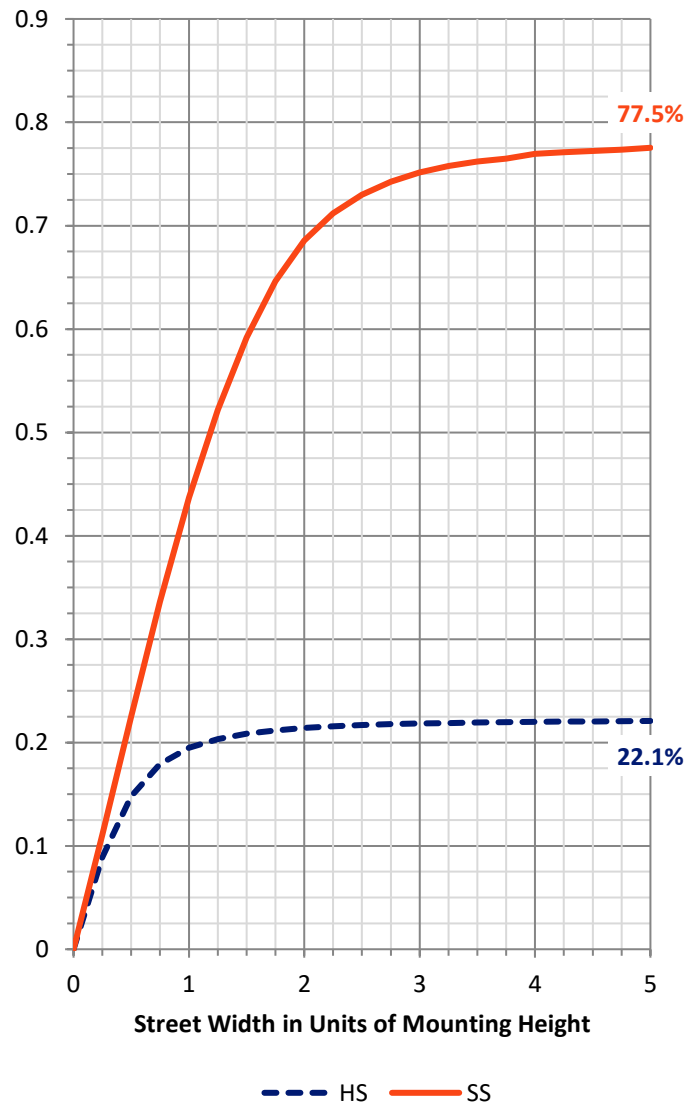
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	141.5	0.0	141.5
	% Fixture	22.2	0.0	22.2
Street Side	Lumens	494.7	0.0	494.7
	% Fixture	77.8	0.0	77.8
Total	Lumens	636.2	0.0	636.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.9	1.4
10°-20°	31.9	5.0
20°-30°	54.4	8.5
30°-40°	80.3	12.6
40°-50°	103.5	16.3
50°-60°	134.3	21.1
60°-70°	155.2	24.4
70°-80°	62.3	9.8
80°-90°	5.5	0.9
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°	636.2	100.0
0°-180°	636.2	100.0



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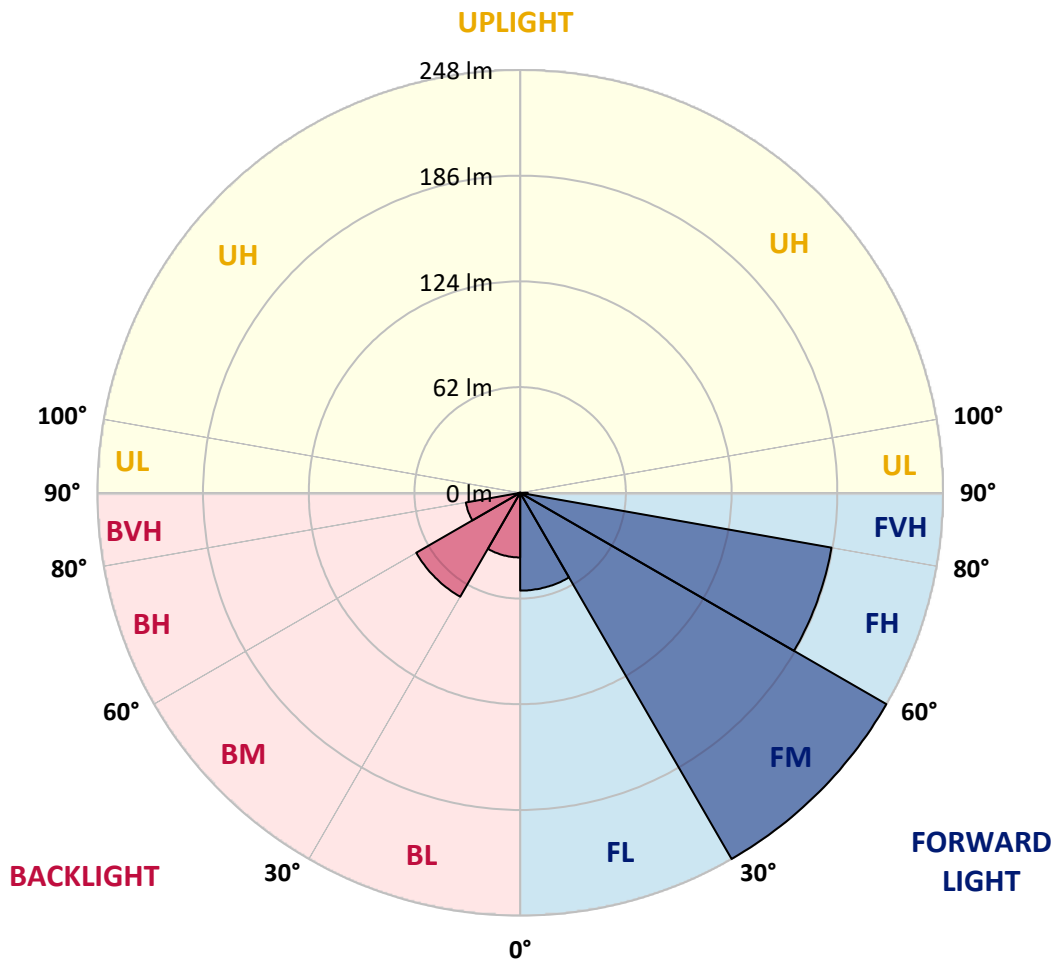
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	57.3	9.0			
FM (30°-60°)	247.7	38.9			
FH (60°-80°)	185.2	29.1			G0/660
FVH (80°-90°)	4.5	0.7			G0/10
BL (0°-30°)	37.9	6.0	B0/110		
BM (30°-60°)	70.3	11.1	B0/220		
BH (60°-80°)	32.3	5.1	B0/110		G0/110
BVH (80°-90°)	1.0	0.2			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 Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	50°	55°	65°	75°	85°
0°	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
2.5°	119.6	119.6	120.5	118.6	118.6	115.0	115.9	108.5	93.8	89.2	85.5
5°	119.6	120.5	122.3	119.6	118.6	120.5	121.4	121.4	119.6	108.5	103.9
7.5°	127.8	128.8	126.9	124.2	123.2	122.3	121.4	122.3	122.3	122.3	119.6
10°	134.3	135.2	133.4	129.7	127.8	126.9	128.8	126.9	123.2	123.2	125.1
12.5°	133.4	137.0	133.4	127.8	128.8	128.8	129.7	127.8	122.3	122.3	127.8
15°	134.3	133.4	133.4	128.8	130.6	128.8	135.2	128.8	122.3	122.3	126.0
17.5°	137.0	134.3	134.3	131.5	132.4	133.4	136.1	132.4	126.0	122.3	126.0
20°	140.7	140.7	138.9	136.1	134.3	133.4	140.7	135.2	128.8	124.2	125.1
22.5°	144.4	144.4	145.3	141.6	142.6	137.0	141.6	138.9	133.4	125.1	124.2
25°	149.0	149.0	148.1	147.2	148.1	142.6	147.2	141.6	138.9	131.5	129.7
27.5°	155.4	152.7	153.6	152.7	155.4	150.8	151.8	149.9	146.2	138.0	134.3
30°	159.1	157.3	160.0	160.0	161.9	157.3	158.2	156.4	151.8	147.2	140.7
32.5°	170.1	169.2	171.1	169.2	169.2	165.5	170.1	164.6	160.9	154.5	150.8
35°	176.6	176.6	177.5	181.2	183.9	179.3	179.3	175.7	171.1	164.6	156.4
37.5°	182.1	183.0	186.7	192.2	196.8	187.6	192.2	187.6	181.2	170.1	160.0
40°	186.7	185.8	193.1	203.3	206.0	207.9	207.9	201.4	188.5	172.9	162.8
42.5°	191.3	191.3	201.4	215.2	222.6	223.5	222.6	212.5	196.8	177.5	164.6
45°	196.8	197.7	205.1	218.0	231.8	234.5	232.7	223.5	205.1	182.1	167.4
47.5°	204.2	204.2	211.5	225.3	243.7	248.3	249.2	239.1	208.8	185.8	171.1
50°	212.5	212.5	218.9	235.4	253.8	262.1	259.4	252.0	221.6	192.2	175.7
52.5°	223.5	226.2	230.8	241.9	263.0	275.0	278.7	263.0	229.9	198.7	182.1
55°	237.3	241.9	241.9	252.9	275.0	292.5	298.9	281.4	243.7	206.9	188.5
57.5°	262.1	255.7	262.1	270.4	295.2	318.2	318.2	298.9	261.2	218.0	194.1
60°	259.4	261.2	269.5	289.7	320.1	358.7	358.7	334.8	286.0	236.4	205.1
62.5°	251.1	252.0	265.8	290.6	335.7	389.0	390.9	374.3	309.9	249.2	211.5
65°	218.0	220.7	238.2	269.5	317.3	381.7	405.6	369.7	305.3	246.5	200.5
67.5°	185.8	187.6	197.7	223.5	265.8	332.0	359.6	344.9	286.0	218.9	176.6
70°	162.8	156.4	167.4	189.5	209.7	258.4	278.7	279.6	229.0	180.3	141.6
72.5°	110.4	111.3	121.4	147.2	160.0	181.2	187.6	193.1	167.4	133.4	101.2
75°	69.9	71.7	78.2	90.1	105.8	116.8	116.8	109.4	99.3	84.6	63.5
77.5°	40.5	39.5	45.1	49.7	57.0	63.5	65.3	59.8	50.6	40.5	29.4
80°	21.2	22.1	23.9	26.7	30.4	29.4	29.4	29.4	23.0	17.5	12.0
82.5°	12.0	12.0	13.8	15.6	16.6	15.6	14.7	12.9	10.1	9.2	6.4
85°	5.5	5.5	5.5	6.4	7.4	7.4	7.4	6.4	5.5	4.6	2.8
87.5°	3.7	3.7	3.7	3.7	3.7	2.8	2.8	2.8	1.8	1.8	0.9
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°	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
2.5°	86.5	85.5	81.9	69.0	54.3	47.8	31.3	22.1	19.3	20.2	22.1
5°	102.1	99.3	86.5	75.4	59.8	49.7	37.7	26.7	12.9	9.2	12.9
7.5°	117.7	110.4	104.8	94.7	83.7	66.2	56.1	40.5	33.1	28.5	33.1
10°	125.1	125.1	120.5	110.4	96.6	85.5	78.2	75.4	68.1	46.0	51.5
12.5°	126.9	126.9	126.0	110.4	103.9	92.9	83.7	77.3	73.6	69.0	72.7
15°	124.2	125.1	125.1	111.3	103.0	92.9	82.8	77.3	77.3	71.7	77.3
17.5°	123.2	124.2	121.4	109.4	101.2	93.8	83.7	77.3	77.3	73.6	78.2
20°	122.3	121.4	121.4	105.8	101.2	94.7	80.9	73.6	74.5	75.4	75.4
22.5°	122.3	121.4	117.7	105.8	100.2	93.8	78.2	71.7	69.0	73.6	71.7
25°	124.2	121.4	117.7	107.6	100.2	92.0	76.3	69.9	67.1	69.9	66.2
27.5°	127.8	126.0	123.2	110.4	100.2	91.1	75.4	66.2	61.6	64.4	62.5
30°	134.3	130.6	125.1	110.4	99.3	88.3	70.8	63.5	58.9	60.7	57.9
32.5°	139.8	136.1	129.7	109.4	94.7	81.9	67.1	58.9	54.3	57.0	48.7
35°	145.3	138.9	127.8	103.0	86.5	74.5	58.9	52.4	48.7	51.5	46.0
37.5°	149.9	142.6	125.1	95.6	78.2	65.3	49.7	46.0	44.1	46.0	43.2
40°	151.8	142.6	121.4	87.4	66.2	54.3	43.2	39.5	38.6	41.4	40.5
42.5°	150.8	141.6	115.9	77.3	56.1	45.1	35.9	34.0	34.0	35.9	35.9
45°	153.6	143.5	108.5	69.0	46.9	37.7	31.3	28.5	28.5	31.3	31.3
47.5°	158.2	142.6	104.8	61.6	38.6	32.2	26.7	24.8	24.8	26.7	25.8
50°	160.9	147.2	103.0	55.2	34.0	27.6	23.0	21.2	20.2	22.1	22.1
52.5°	164.6	149.0	103.0	50.6	30.4	25.8	21.2	18.4	17.5	18.4	18.4
55°	174.7	156.4	103.0	48.7	28.5	23.9	19.3	16.6	15.6	15.6	15.6
57.5°	178.4	159.1	106.7	47.8	27.6	23.0	18.4	15.6	13.8	14.7	14.7
60°	187.6	167.4	113.1	48.7	26.7	22.1	17.5	14.7	12.9	13.8	13.8
62.5°	193.1	169.2	117.7	48.7	25.8	22.1	16.6	13.8	12.0	12.9	12.9
65°	179.3	160.9	116.8	45.1	23.9	20.2	15.6	12.9	11.0	12.0	12.0
67.5°	157.3	139.8	106.7	38.6	22.1	17.5	13.8	12.0	10.1	10.1	11.0
70°	124.2	113.1	89.2	31.3	18.4	14.7	12.0	10.1	9.2	8.3	9.2
72.5°	91.1	82.8	69.9	23.9	14.7	12.0	10.1	9.2	7.4	7.4	8.3
75°	55.2	53.3	47.8	17.5	12.0	10.1	8.3	7.4	6.4	5.5	6.4
77.5°	25.8	24.8	26.7	12.0	9.2	7.4	5.5	4.6	3.7	3.7	4.6
80°	10.1	10.1	12.0	7.4	5.5	4.6	3.7	3.7	2.8	2.8	2.8
82.5°	5.5	5.5	5.5	4.6	3.7	2.8	1.8	1.8	0.9	0.9	0.9
85°	2.8	2.8	2.8	1.8	0.9	0.9	0.9	0.9	0.0	0.0	0.0
87.5°	0.9	0.9	0.9	0.9	0.9	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	0.0

(END OF REPORT)